Appendix 11-B

Surface Water Quality Baseline Report

DILLON CONSULTING

NWP COAL CANADA LTD

Surface Water Quality Baseline Report

2012 to 2019 Surface Water Quality Sampling Results

Crown Mountain Coking Coal Project

January 2020 – 12-6231

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Executive Summary

NWP Coal Canada Ltd (NWP), a subsidiary of Jameson Resources Limited and Bathurst Resources Limited (Canada), is proposing to develop the Crown Mountain Coking Coal Project (the Project), which is intended as an open pit metallurgical coal mine located within the Elk Valley coal field in the East Kootenay Region of southeastern British Columbia. The Project area is located between several existing metallurgical coal mines in the Elk Valley and Crowsnest coal fields, with Teck Corporation's (Teck) Elkview mine located 8 km southwest of the Project area and their Line Creek mine located 12 km north of the Project area. The Project area is located approximately 30 km by road from Sparwood, British Columbia.

The anticipated production capacity of the Project is up to 4.0 million run-of-mine tonnes per annum for a duration of approximately 15 years, not including site decommissioning. This equates to a coal production capacity of approximately 10,150 tonnes per day. Under the *Canadian Environmental Assessment Act* (2012), the Project is considered a designated Project under Regulations Designating Physical Projects since the mine will have a production capacity of more than 3,000 tonnes per day. Provincially, the Project is considered a Reviewable Project given that that production capacity of the mine will be greater than 250,000 tonnes per year of clean coal. A surface water quality baseline program commenced in May 2012 in support of the EA Application and is ongoing to date. The baseline program was initiated to characterize existing water quality conditions that would aid in assessing potential effects that the Project could have on the environment. Twelve lotic sampling locations were selected across Alexander Creek, West Alexander Creek, Grave Creek, and Michel Creek within the aquatic Local Study Area (LSA). The surface water quality baseline program focused on watercourses that have the potential to be impacted as a result of active open pit mining and waste rock management areas. Sampling was conducted on a monthly basis from May 2012 to 2015, with the addition of two intensive high-flow (spring freshet) sampling periods and two intensive low-flow sampling periods in 2014 and 2015. Sampling frequency was reduced to quarterly in late 2015. No sampling was completed between mid-2016 – mid-2018 as the Project was on hold; quarterly sampling resumed in mid-2018 and is on-going at the time of reporting.

Surface water quality results were compared to Canadian Council of Ministers of the Environment (CCME) Canadian Water Quality Guidelines (CWQG) and the British Columbia Water Quality Guidelines (BC WQG), in addition to site-specific targets for selenium outlined in the Elk Valley Water Quality Plan (EVWQP) by Teck. The remaining three Order of constituents (i.e., nitrate, sulphate, and cadmium) listed in the EVWQP follow guideline targets in line with the BC WQG and CWQG. With the exception of fluoride, total aluminum, dissolved copper, total iron, and total selenium, the majority of exceedances of the water quality guidelines occurred within two isolated sampling events: June 2013 and May 2014. Exceedances from the June 2013 sampling round were detected at sampling stations within the Alexander Creek watershed. Exceedances from the May 2014 sampling round were identified in the Michel Creek watershed. As these exceedances were isolated occurrences, they are not considered to

be representative of baseline conditions in the LSA. Exceedances of the BC WQGs and CCME CWQGs for polycyclic aromatic hydrocarbons (PAHs) have not been identified. The results of the surface water quality baseline program identify five parameters which were found to regularly exceed the applicable BC WQG and/or CWQG in the Project area: fluoride, aluminum, dissolved copper, iron, and selenium.

Regular long term CWQG exceedances of fluoride at each of the sampling locations were noted, with the exception of sampling stations A5 and G1 (i.e., the reference sites located at the headwaters of Alexander Creek and Grave Creek, respectively) which only had a few exceedances of fluoride. Long term CWQG exceedances of total aluminum were reported at each of the sampling locations, though fewer were identified within the upper reach of Alexander Creek (i.e., at sampling stations A5, A4, and A3(B)). Dissolved copper concentrations from four samples exceeded the short term BC WQG, and 21 samples exceeded the long term BC WQG, with no distinct seasonal or spatial trends. Total iron concentrations exceeded the CWQG at most stations in select sampling rounds, potentially higher during the spring freshet. Selenium exceeded the BC WQG and CWQG, with the majority of exceedances occurring at sampling stations G2, H1, A5, M1, and M2. Each of the samples collected from station H1 (i.e., Grave Creek downstream of confluence with Harmer Creek), and the majority of samples from station M2 (i.e. Michel Creek downstream of confluence with Alexander Creek), were found to exceeded the guidelines for selenium.

Overall, there was moderate to low variability within sample sets at each location, particularly for fluoride, aluminum, copper, and iron. Selenium concentrations were considerably higher at M2 and H1 compared to the other sampling stations. These stations show moderate to high short term and long term variability, while other stations have generally low variability. Selenium concentrations appear to be higher during the low-flow seasons in August/September compared to the high-flow seasons in May/June.

The intensive sampling periods conducted in 2014 and 2015, representing variability, showed there was relatively low long term variability observed for fluoride, nitrate, sulphate, cadmium, dissolved copper, iron, and selenium. In contrast, aluminum concentrations had a higher short term variability. Aluminum, cadmium, and iron concentrations appear to be marginally lower during the high-flow spring freshet compared to the low-flow summer months which is likely due to reduced surface runoff and sedimentation during the summer months. In contrast, fluoride, sulphate, and selenium concentrations appear to be marginally elevated during the spring freshet. This is often associated with dissolved parameters as low flow periods result in higher concentrations due to longer contact times, more groundwater baseflow contribution, and higher concentration through evaporation processes.

Surface water quality baseline results were compared to other regional water quality data. Total selenium concentrations were compared to the 19 µg/L long term target identified in the EVWQP. A total of 40 samples had selenium concentrations that exceeded the EVWQP target, all occurring at station H1 in Grave Creek, upstream of the confluence to the Elk River. Selenium concentrations were

substantially lower at stations G1 and G2 (Grave Creek) upstream of Harmer Creek, suggesting that a potential source of selenium input to H1 could be from the adjacent train tracks as well as inputs from Harmer Creek which is adjacent to, and has tributaries within, Teck's Elkview Operations.

Comparison of the results with those from Teck's Elkview Operations Baldy Ridge Extension Project Surface Water and Sediment Quality Baseline Report (Golder Associates, 2015) revealed that the water quality at most sites sampled for the Crown Mountain baseline program were similar to Teck's reference sites, with the exception of H1 and M2, both of which are located downstream of anthropogenic activities. Comparing equivalent sites between the two projects, based on close proximity, showed that the key parameters identified for Crown Mountain baseline program were found at similar or lower concentrations compared the Teck's results. These comparisons suggest that the baseline surface water quality in the Project LSA is representative of existing conditions found in the Elk Valley.

Although nitrate and sulphate were identified as key parameters of concern along with selenium in the Elk Valley in the Aquatic Environment Synthesis Report (Windward et al., 2014), no exceedances of nitrate nor sulphate were observed in the 2012-2019 Crown Mountain baseline program. Other parameters which were found to exceed the applicable guidelines are generally consistent with those identified in the Aquatic Environment Synthesis Report (Windward et al., 2014), with the exception of fluoride and beryllium exceedances, which were not previously noted in the 2014 Aquatic Environment Synthesis Report (Windward et al., 2014).

The surface water quality sampling program is anticipated to continue to conduct long term monitoring from Project initiation through to operations and closure.

Acronyms, Abbreviations, Definitions

AIR	Application Information Requirements
BC	British Columbia
BC WQG	BC Water Quality Guidelines
CCME	Canadian Council of Ministers for the Environment
CWQG	Canadian Water Quality Guidelines
Dillon	Dillon Consulting Limited
EA	Environmental Assessment
EAO	Environmental Assessment Office
ECCC	Environment and Climate Change Canada
EIS	Environmental Impact Statement
EMA	*Environmental Management Act*
EQL	Estimated Quantitation Limit
EVWQP	Elk Valley Water Quality Plan (also known as the Elk Valley Area Based Management Plan)
IAAC	Impact Assessment Agency of Canada
LSA	Local Study Area
MOE	Ministry of Environment and Climate Change Strategy (of British Columbia)
Nupqu	Nupqu Development Corporation
NWP	NWP Coal Canada Ltd
PAHs	Polycyclic aromatic hydrocarbons
Project	Crown Mountain Coking Coal Project
QA/QC	Quality Assurance and Quality Control

RPD	Relative Percent Difference
RSA	Regional Study Area
Teck	Teck Corporation or Teck Resources Limited
VC	Valued Component

1.0 Introduction

1.1 General Overview of the Project

NWP Coal Canada Ltd (NWP) is proposing to develop the Crown Mountain Coking Coal Project (the Project) which is intended as an open pit metallurgical coal mine located within the Elk Valley coal field in the East Kootenay Region of southeastern British Columbia. NWP is a subsidiary of Jameson Resources Limited and Bathurst Resources Limited (Canada). The Project comprises ten coal licenses. The Project area is located between several existing metallurgical coal mines in the Elk Valley and Crowsnest coal fields, with Teck Corporation's (Teck) Elkview mine located approximately 8 km southwest of the Project area and their Line Creek mine located approximately 12 km north of the Project area. The Project area is located approximately 30 km by road from Sparwood, British Columbia.

The anticipated production capacity of the Project is up to 4.0 million run-of-mine tonnes per annum for a duration of approximately 15 years, not including site decommissioning. This equates to a coal production capacity of approximately 10,150 tonnes per day. Exploration activities have indicated that the coal at the Project site is typical of coking coals produced from existing mines in the Elk Valley. The high quality metallurgical coal would be transported via railway to coastal BC, where it would be shipped overseas to be used in steelmaking.

The key project components include:

- Surface extraction areas (3 pits – north pit, east pit, and south pit);
- Waste rock management areas;
- Plant area (includes raw coal stockpile area, a processing plant, and site support facilities);
- Clean coal transportation route (via an overland conveyor and haul road);
- Rail load-out facility and rail siding (includes various auxiliary facilities such as a guard house; light vehicle wash; drug and alcohol testing/orientation building; and a small dry);
- Power supply;
- Natural gas supply;
- Explosives storage;
- Fuel storage;
- Sewage treatment; and
- Water supply.

1.2 Purpose and Objectives of the Baseline Study

NWP is submitting an Environmental Assessment (EA) Application to the British Columbia Environmental Assessment Office (BC EAO) and the Impact Assessment Agency of Canada (IAAC). The Application Information Requirements (AIR) pursuant to the BC *Environmental Assessment Act* (*EA Act*), *S.B.C. 2002, c.43* and the related "Guidelines for the Preparation of an Environmental Impact Statement (EIS)" pursuant to the *Canadian Environmental Assessment Act, 2012* stipulate that the EA Application will include baseline studies to characterize the existing environment and facilitate the EA process in which potential effects from the Project can be identified at the local scale.

Project-specific baseline studies were initiated in 2012 to support the EA process and currently on-going. The objective of the surface water quality baseline study was to characterize existing water quality conditions to aid in assessing potential effects may occur as a result of the Project. The baseline data will be used to support a Project-specific water quality model. This model will incorporate all planned mine water management activities for all phases of the Project and will be used to predict the future concentrations of water quality parameters and assess potential effects of the Project to surface water quality. The data presented in this report describe existing baseline conditions of surface water quality relevant to lotic sites within the Project area and provides the required supporting information to complete the effects assessment for other related components of the EA. Water quality at lentic sites is not included in the present study.

2.0 Background Information

2.1 Applicable Legislation, Regulations, and Guidelines

Water quality is subject to key federal legislation including the:

- *Canadian Environmental Protection Act* (1999);
- *Canadian Environmental Assessment Act* (2012);
- *Fisheries Act* (1985, amended 2019); and
- *International Boundary Waters Treaty Act* (1985).

Key provincial legislation that water quality is subjected to include the:

- *Environmental Assessment Act* (2002);
- *Environmental Management Act* (EMA; 2003);
- *Mines Act* (1996);
- *Oil and Gas Activities* (2008);
- *Riparian Areas Protection Act* (1997);
- *Water Sustainability Act* (2016); and
- *Drinking Water Protection Act* (2001).

In this report, water quality analytical results have been compared to both federal and provincial criteria. For use under the federal regulatory framework, refer to the Canadian Ministers of the Canadian Council of Ministers for the Environment (CCME) "Canadian Water Quality Guidelines for the Protection of Aquatic Life" (CWQG; [CCME, 1999, {updated 2007}]). For use under the provincial regulatory framework, refer to the BC Ministry of Environment and Climate Change Strategy (MOE) Water Quality Guidelines (WQG) for the Protection of Freshwater Aquatic Life (BC WQG; [MOE, 2019; MOE, 2017]).

Surface water quality data were compared to both short term and long term BC WQG (approved and working). The BC WQG provide short term maximum "acute" and long term "chronic" comparison values. Short term guidelines are intended to protect aquatic organisms against severe effects such as lethality due to short term intermittent or transient exposures to contaminants (e.g., spill events; infrequent releases of short-lived substances). Long term BC WQG are intended to protect all forms of aquatic life from lethal and sub-lethal effects over long term indefinite exposures. It should be noted that several guidelines for some parameters vary according to other parameters from that sample, such as hardness, pH, and/or temperature. For example, guidelines for aluminum, ammonia (as N), cadmium, copper, fluoride, iron, lead, manganese, nickel, nitrite, silver, sulphate and zinc are dependent on other parameters from the sample and calculated based on the analytical results for each sample.

The BC WQG guideline for copper is calculated using the Copper Biotic Ligand Model (BLM), a software model developed by BC MOE that is specific for copper, based on a set of linked equations. The BLM calculates guidelines for short term and for long term exposure specific to each sample, based on other

water quality measurements for that sample (e.g., pH, hardness, dissolved organic carbon, anion ratio etc.). The model is designed to consider uptake by fish across their gills, which is considered the most sensitive receptor within a typical ecosystem. The copper guidelines from the BLM explicitly addresses the issue of the inherent variability of environmental data. The guidance for applying the guideline allows for 20% of samples to exceed the respective guideline, so long as the average concentration of samples within a 30-day period does not exceed the average long term guideline and no sample exceeds its respective short term guideline. For samples collected outside of these intensive sampling rounds, the short term guidelines were considered on the basis that each isolated sample may represent a transient high-concentration condition. This rationale will continue to be applied, with the short term calculated guidelines applied except in cases of an intensive sampling period.

The Companion Document to: Ambient Water Quality Guidelines for Selenium Update (BC MOE, 2014) provides updated WQGs for selenium in water for the protection of aquatic life. The analytical results can be compared to the guideline value and alert value for selenium in water for comparison purposes.

Other relevant guidance documents, including the *Derivation of Water Quality Guidelines for the Protection of Aquatic Life in British Columbia* (MOE, 2019) were referenced during the guideline derivation and analysis process. Furthermore, the Elk Valley Water Quality Plan (EVWQP; [Teck, 2014]), also known as the Elk Valley Area Based Management Plan, was developed in response to a Ministerial Order issued in April 2013 under the *EMA* to manage the cumulative effects of coal mining on water quality in the Elk Valley. The EVWQP includes short, medium, and long term water quality targets for the four Order constituents as specified in the directive, namely: nitrate, sulphate, cadmium, and selenium, for the Elk Valley region (referred to in this report as the "four Order constituents"). In addition to the federal and provincial guidelines, the surface water quality data for the Project were also compared to the EVWQP targets for the four Order constituents.

2.2 Regional Setting and Study Areas

The Project is located in the southeast corner of BC in an area of steep topography of the Front Ranges Rocky Mountains and is within the Alexander Creek and Grave Creek watersheds. This region, known as the Elk Valley, has a long history of mining activity and is currently home to five metallurgical (coking) coal mines, all of which are operated by Teck, including:

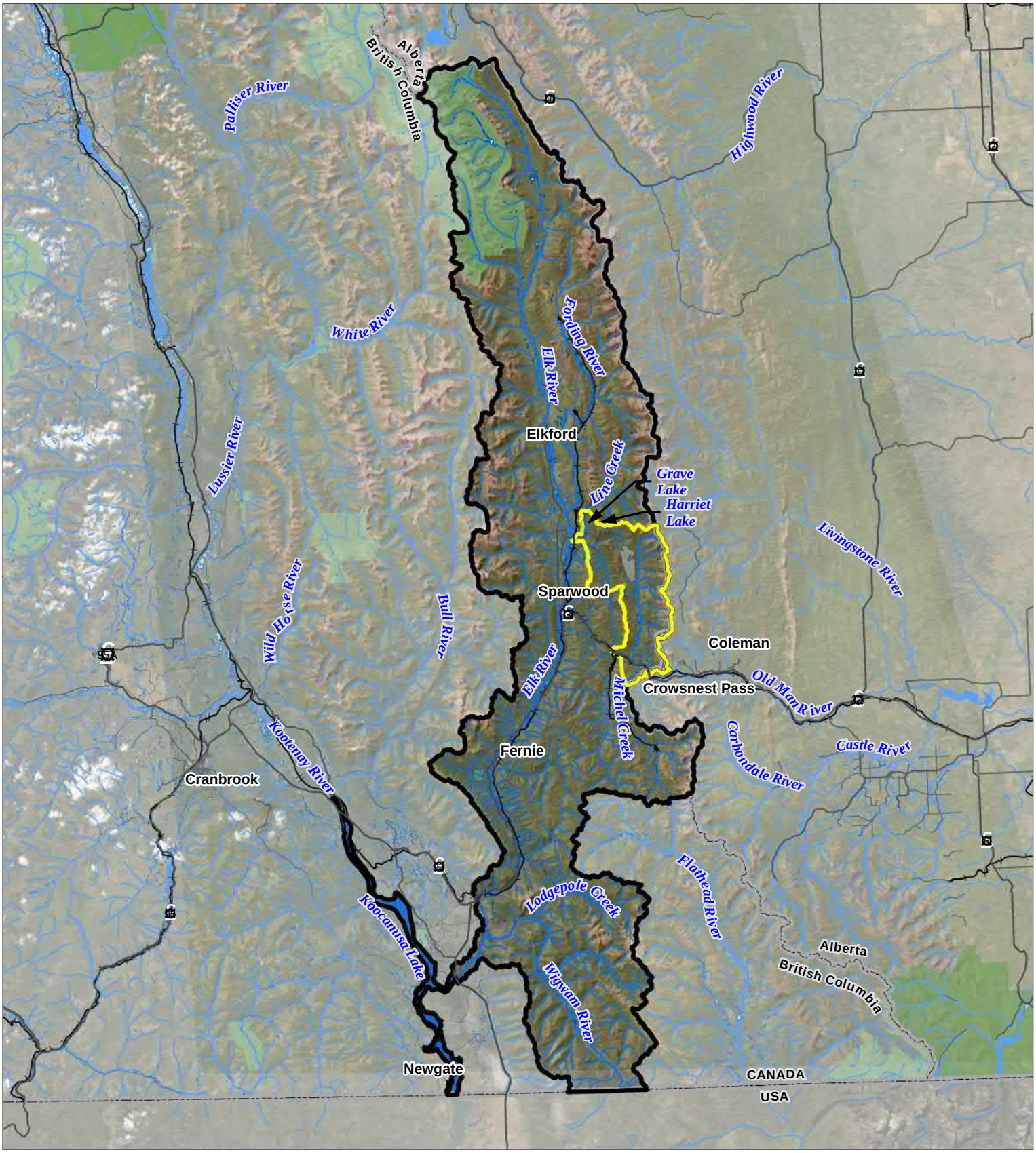
- Ford River Operations (approximately 29 km northeast of Elkford);
- Coal Mountain Operations (approximately 30 km southeast of Sparwood);
- Elkview Operations (approximately 3 km east of Sparwood);
- Greenhills Operations (approximately 8 km northeast of Elkford); and
- Line Creek Operations (approximately 25 km north of Sparwood).

Two study areas were selected for the assessment of surface water quality baseline conditions and potential effects from the Project: the aquatic Regional Study Area (RSA) and the aquatic Local Study Area (LSA; **Figure 1** and **Figure 2**, respectively).

The boundaries of the aquatic RSA encompass an area that has the potential to be directly or indirectly affected by the Project and considers cumulative effects on surface water quality, hydrology, groundwater quality, hydrogeology, and fish and fish habitat. The aquatic RSA includes the Elk Valley watershed and a portion of Lake Koocanusa, which the Elk River enters near southern BC at the State of Montana border.

The boundaries of the aquatic LSA were selected based on the anticipated Project footprint. The aquatic LSA includes areas that have the immediate potential to be directly or indirectly affected by the Project, including Grave Creek, West Alexander Creek, and Alexander Creek. Watercourses that have the potential to directly overlap with the Project footprint include West Alexander Creek and Grave Creek.

There is extensive historical surface water quality information for the Elk River watershed and therefore, a site-specific surface water quality sampling program was carried out only in the LSA. The data presented in this baseline report will be incorporated with the information presented in the *Aquatic Effects Synthesis Report (*Windward et al., 2014) to evaluate potential effects resulting from the Project as part of the EA Application.



Crown Mountain
Coking Coal Project

Surface Water Quality Baseline Report
Regional Study Area

Figure 1

LEGEND

- Regional Study Area
- Local Study Area
- Project Footprint
- National Park
- Provincial Park
- Waterbody
- Wetland
- Watercourse
- Highways
- Arterial Roads
- Local/Resource Roads
- Railway (Canadian Pacific)
- BC/Alberta Border

0 5 10 20 km

SCALE 1:875,000

MAP DRAWING INFORMATION:
Dillon Created, ESRI Base Layers, Province of British Columbia, GeoBC and Open Data BC. BC Water Resource Atlas, CANVEC.

MAP CREATED BY: RBB/JFC
MAP CHECKED BY: CK
MAP PROJECTION: NAD 1983 UTM Zone 11N

DILLON CONSULTING

PROJECT: 12-6231
STATUS: FINAL
DATE: 2021-08-13

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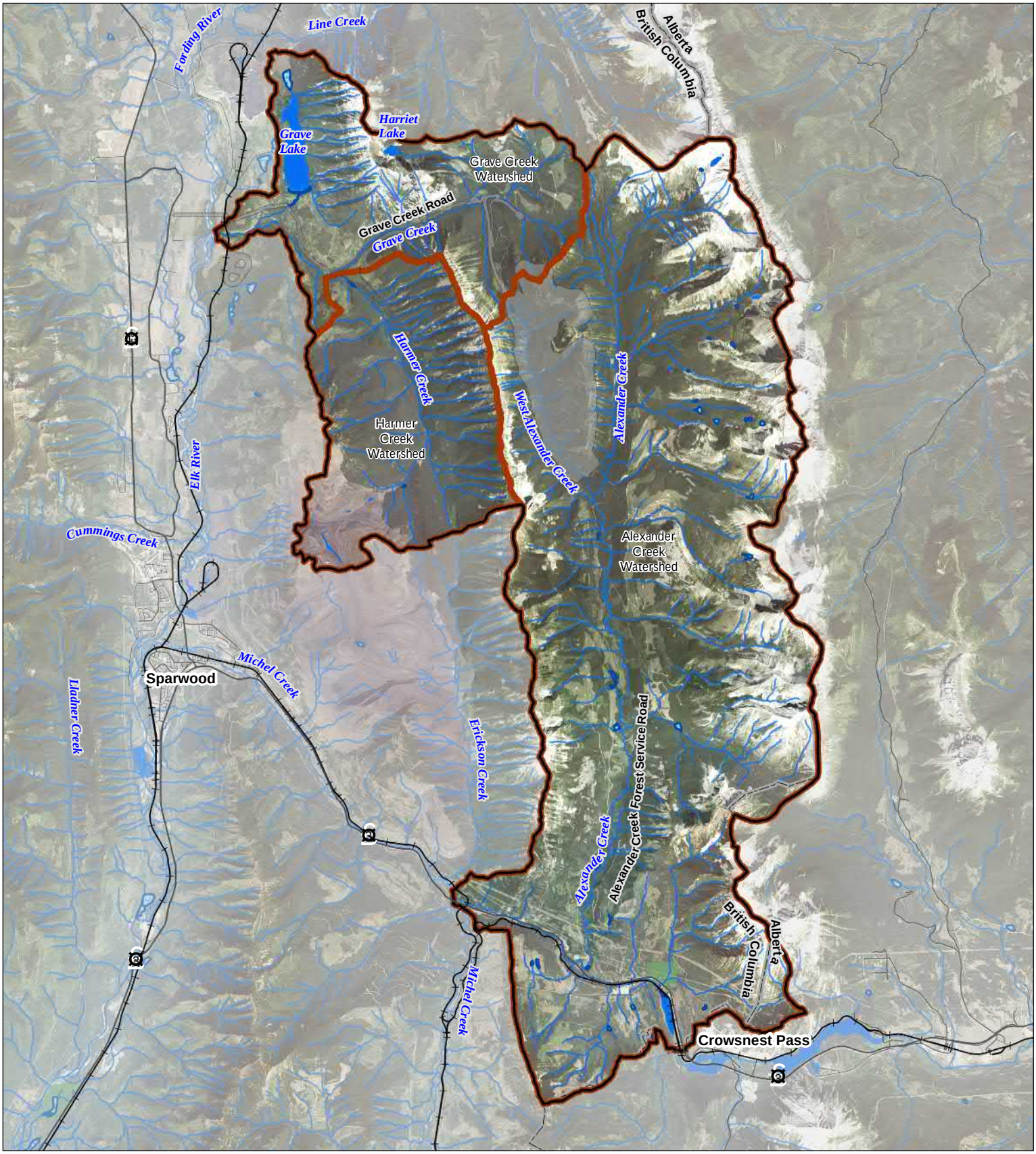

Crown Mountain
Coking Coal Project

Surface Water Quality Baseline Report
Local Study Area

Figure 2

LEGEND

- Local Study Area
- Project Footprint
- Provincial Park
- Watershed
- Waterbody
- Wetland
- Watercourse
- Highways
- Arterial Roads
- Local/Resource Roads
- Railway (Canadian Pacific)
- BC/Alberta Border

0 0.5 1 2 3 4 5 km

SCALE 1:145,000

MAP DRAWING INFORMATION:
Dillon Created, ESRI Base Layers, Province of British Columbia GeoBC and Open Data BC. BC Water Resource Atlas, CANVEC.

MAP CREATED BY: RBB/JFC
MAP CHECKED BY: CK
MAP PROJECTION: NAD 1983 UTM Zone 11N

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PROJECT: 12-6231
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FILE LOCATION: \\42dillon\CAD\GIS\2012 and Prior\126231 Crown Mountain\Surface Water\MXD\8_5x11\126231 Baseline Surface Water - Local Study Area.mxd

3.0 Methodology

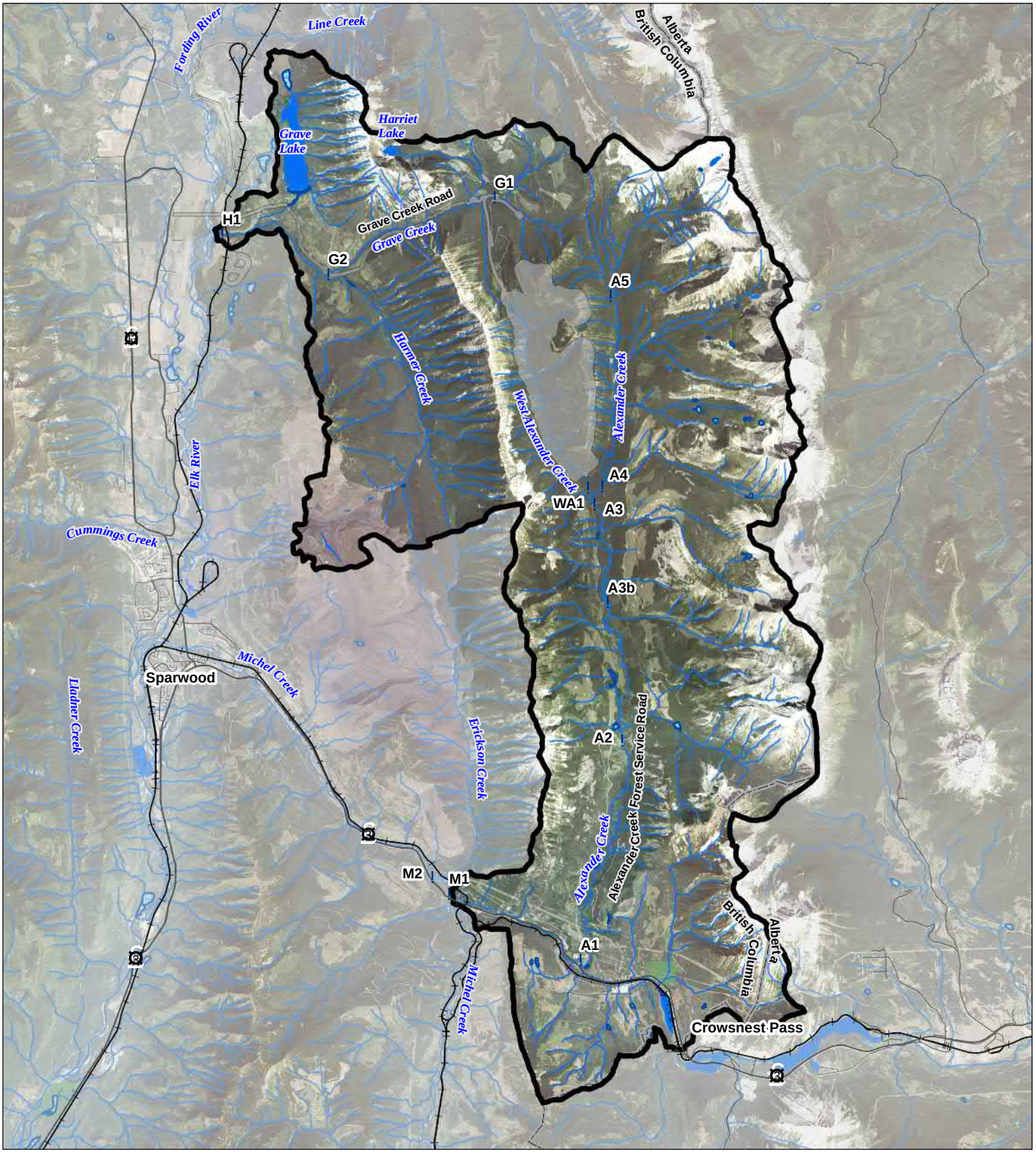
3.1 Sampling Locations

Surface water quality was assessed at 12 lotic sites across the LSA and includes locations within Alexander Creek, West Alexander Creek, Grave Creek, and Michel Creek. The surface water quality baseline program focused on watercourses that may be directly affected as a result of the Project. It is anticipated that these stations will be monitored over the course of the Project, including operations through to post-closure. **Table 1** provides detail of the 12 sampling stations in order of surface flow pathway from upstream to downstream, and
Figure 3 shows the location of the sampling stations within the LSA.

Table 1: Location of Surface Water Quality Sampling Stations, in Order of Surface Water Flow Path

Station	Watercourse	Easting	Northing	Rationale for Station Location
A5	Alexander Creek	664645.61	5521631.72	Upper reach of Alexander Creek. Reference site to assess background conditions of Alexander Creek. Located upstream of mining activities.
A4		664408.79	5516214.21	Lower reach of Alexander Creek, upstream of confluence with West Alexander Creek.
WA1	West Alexander Creek	664001.00	5516179.34	Upstream of confluence with Alexander Creek.
A3		664187.64	5515723.91	Downstream of confluence with West Alexander Creek.
A3(B)	Alexander Creek	664564.92	5512938.89	Downstream of confluence with West Alexander Creek. A3 was relocated approximately 200 m downstream and renamed to A3(B) in June 2014 due to extreme flooding and morphological changes to Alexander Creek.
A2		664975.82	5509004.95	Middle reach of Alexander Creek downstream of confluence with West Alexander Creek.
A1		663787.73	5502797.16	Lower reach of Alexander Creek.
M1	Michel Creek	660056.45	5504669.21	Upstream of confluence with Alexander Creek.
M2		659580.18	5505145.27	Downstream of confluence with Alexander Creek.
G1	Grave Creek	661350.70	5524412.42	Upper reach of Grave Creek. Reference site to assess background conditions of Grave Creek. Located upstream of mining activities.
G2		656628.18	5522243.04	Lower reach of Grave Creek upstream of confluence with Harmer Creek.
H1		653610.43	5523377.69	Near confluence of Grave Creek with the Elk River; downstream of rail tracks.

Note: Coordinates in NAD83 UTM Zone 11



Crown Mountain
Coking Coal Project

Surface Water Quality Baseline Report
Surface Water Quality Stations
Figure 3

LEGEND

- Local Study Area
- Project Footprint
- Provincial Park
- Waterbody
- Wetland
- Watercourse
- Highways
- Arterial Roads
- Local/Resource Roads
- Railway (Canadian Pacific)
- BC/Alberta Border
- Surface Water Quality Stations

0 0.5 1 2 3 4 5 km

SCALE 1:145,000

MAP DRAWING INFORMATION:
Dillon Created, ESRI Base Layers, Province of British Columbia GeoBC and Open Data BC. BC Water Resource Atlas, CANVEC.

MAP CREATED BY: RBB/JFC
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FILE LOCATION: \\42dillon\CAD\GIS\2012 and Prior\126231 Crown Mountain\Surface Water\MXD\8_5x11\126231 Baseline Surface Water - Surface Water Quality Stations.mxd

3.2 Timing of Sampling

The surface water quality baseline sampling program has been ongoing since 2012. The program was initiated in May 2012 at 12 stations across the aquatic LSA. Monthly baseline water quality sampling was conducted from May 2012 to September 2015. Occasionally, some samples could not be collected at the desired frequency due to extreme flow velocities, lack of flow, frozen channel(s), or unsafe site access (e.g., winter avalanche risk). Surface water sampling results from May 2012 to June 2019 are presented for discussion in this report.

In addition to monthly sampling, two intensive high-flow (spring freshet) sampling periods were completed in May/June 2014 and May/June 2015; and two intensive low-flow sampling periods were conducted in August/September 2014 and August/September 2015. These intensive "5 samples in 30 days" sampling periods (also referred to as "5-in-30" samples) would allow for the comparison to the BC WQG long term average (i.e., chronic) comparison values. These long term BC WQGs allow concentrations of a substance to fluctuate above and below the guideline provided the BC WQG short term maximum is not exceeded and the average of results is met over five samples collected within 30 days.

A 2015 mid-term analysis of the surface water quality data from May 2012 to June 2015 was conducted to calculate statistical power for subsequent sampling years. The data analysis, submitted to BC MOE on September 2015, demonstrated that the potential temporal and spatial variability of water quality parameters had been firmly accounted for in the collection of 53 surveys over the span of 3.5 years. As supported by the findings of this analysis and with approval from BC MOE in accordance with the *Guidelines for Designing and Implementing a Water Quality Monitoring Program in British Columbia* and *Water and Air Baseline Monitoring Guidance Document for Mine Proponents and Operations* (MOE, 2016)[1], the sampling frequency was reduced from monthly to quarterly. Quarterly baseline sampling commenced thereafter. Sampling was ceased for two years from June 2016 to 2018 while the Project was on hold. Quarterly sampling was re-initiated in July 2018 and is ongoing at the time of preparation of this report.

Fifty-eight sampling rounds have been conducted at the time of writing, for a total of 623 normal samples and 70 blind field duplicate samples (**Table 2**). Surface water analytical results compared to the BC WQG working and approved short term guidelines for freshwater aquatic life, CWQGs for freshwater aquatic life long term and short term, are provided in **Appendix A**. Surface water analytical results from the 5-in-30 sampling events compared to the BC WQG approved long term guidelines for aquatic life are

[1] The *Guidelines for Designing and Implementing a Water Quality Monitoring Program in British Columbia* and *Water and Air Baseline Monitoring Guidance Document for Mine Proponents and Operations* (2016) state that once the temporal and spatial variability of water quality parameters are firmly established through the baseline study and early operational phase monitoring, chemical constituents in water that have low variation from sample to sample and a low probability of exceeding guidelines may be collected and analyzed less frequently (MOE, 1996).

provided in **Appendix B**. Where discrete 5-in-30 samples exceed the long term guideline value, the average of discrete events from the corresponding time period have also been applied to the guideline.

Table 2: Summary of Sampling Rounds Conducted for the 2012-2019 Surface Water Quality Baseline Program

Sample Location	Number of Sampling Rounds								
	2012	2013	2014	2015	2016	2017	2018	2019	Total
A5	7 [a]	12	18	15	1	-	2	2	**57**
A4	8	12	18	15	1	-	2	2	**58**
WA1	8	11 [b]	16 [c]	15	1	-	2	1 [d]	**54**
A3	8	9 [e]	7 [e]	-	-	-	-	-	**24**
A3(B)	-	-	9	15	1	-	2	2	**29**
A2	8	12	18	15	1	-	2	2	**58**
A1	8	12	18	15	1	-	2	2	**58**
M1	8	12	18	15	1	-	1 [f]	2	**57**
M2	8	12	18	15	1	-	1 [f]	2	**57**
G1	8	11 [g]	18	15	1	-	2	2	**57**
G2	8	11 [g]	18	15	1	-	2	2	**57**
H1	8	11 [g]	18	15	1	-	2	2	**57**
								Total	**623**

[a] A5 not sampled in May 2012 (reasons not documented)
[b] WA1 not sampled in December 2013 due to frozen conditions
[c] WA1 not sampled in February and March 2014 due to avalanche risk and frozen conditions
[d] WA1 not sampled in March 2019 due to frozen conditions
[e] A3 not sampled in February 2013, March 2013, December 2013, February 2014, and March 2014 due to frozen conditions
[f] M1 and M2 not sampled in July 2018 (reasons not documented)
[g] G1, G2, and H1 not sampled in June 2013 due to high flows

3.3 Sampling Program

Surface water sample collection was conducted by Nupqu Development Corporation (Nupqu). Specific methods and standards used to collect baseline surface water quality data, including the sampling locations and analytical parameters, were conducted in accordance with MOE's *Guidelines for Designing and Implementing a Water Quality Monitoring Program in British Columbia and Water and Air Baseline Monitoring Guidance Document for Mine Proponents and Operations* (2016).

Surface water samples collected from each of the 12 sampling stations were analysed for the following parameters:

- Physical tests (general chemistry);
- Anions and nutrients;
- Total and dissolved organic carbon;
- Total and dissolved metals; and
- Polycyclic aromatic hydrocarbons (PAHs).

Grab samples were collected at each sampling station into clean, pre-labelled bottles supplied by the laboratory. Standard protocols were followed regarding sample handling and storage, holding times, test validity, and controls. Field personnel wore nitrile gloves, faced upstream, and submerged the sample bottles until they were full. Preservatives were used for total/dissolved metals, total/dissolved organic carbon, and PAHs. Field and trip blanks and field duplicate samples were collected during sampling events. In addition, general site observations, such as water clarity, colour of water, signs of bank erosion, presence of fish and wildlife, and representative photos were recorded. Samples were shipped to Bureau Veritas Laboratories (BV Labs; formerly Maxxam Analytics) in Burnaby, BC for the majority of the sampling analyses, with the exception of samples collected in 2018 and 2019 which were analyzed by ALS Environmental Ltd. (ALS) in Burnaby, BC.

3.4 Data Analysis

Surface water quality data were compared to the applicable long term and short term CWQG and long term and short term BC WQG. As per CCME protocols, unless otherwise specified in the technical document, WQGs were compared to the total concentration of the substance in an unfiltered sample. Concentrations of discrete and averaged 5-in-30 samples, collected during the 2014 and 2015 low-flow and high-flow intensive sampling periods, compared to the BC WQG long term. Guidelines reliant on toxicity-modifying factors, which vary with hardness, pH, temperature, organic carbon, and/or dissolved oxygen were calculated for each sample, where applicable. Where guidelines were calculated based on pH values, field pH was used; laboratory pH was applied in cases where field pH data was unavailable.

Surface water analytical results compared to the BC WQG working and approved short term guidelines for freshwater aquatic life, CWQGs for freshwater aquatic life long term and short term, are provided in **Appendix A**. Surface water analytical results from the 5-in-30 sampling events compared to the BC WQG approved long term guidelines for aquatic life are provided in **Appendix B**.

Basic summary statistics, including minimum, maximum, median, mean, standard deviation and standard error were calculated for each sampling station. Where concentrations were reported as non-detect a value of ½ the detection limit (½ the RDL) was used for calculation of summary statistics.

Scatterplots were generated for parameters which were found to regularly exceed the CWQG and/or the BC WQG, to identify potential trends. For graphical purposes, the average results of 5-in-30 intensive sampling events have been applied. Box-and-whisker plots (box plots) were used for select parameters and 5-in-30 events to evaluate the variability of the data set and to identify potential spatial trends. Boxes show the 25th and 75th quartiles, where the midpoint indicates the median value and error bars indicate the deviation (mean - minimum and maximum – mean) for each population (**Appendix D**).

3.5 Regional Background Conditions

Results from the Project's surface water quality baseline program were compared to the long term site-specific benchmarks identified in the EVWQP for the four Order constituents. Other additional regional water quality data was reviewed to further characterize existing water quality conditions at a regional scale and included Teck's Elkview Operations Baldy Ridge Extension Surface Water and Sediment Quality Baseline Report (Golder Associates, 2015), Aquatic Environment Synthesis Report (Windward et al., 2014), and nearby Environment and Climate Change Canada's (ECCC) water quality monitoring stations.

3.6 Quality Assurance / Quality Control

The quality assurance and quality control procedures (QA/QC) for the surface water quality sampling program included the use of laboratory chain of custody forms, collection of blind field duplicate samples, field blanks, and trip blanks. Pre-labelled bottle orders were pre-arranged by Dillon and couriered to Nupqu's office in Fernie, BC. Field blanks allowed for identification of potential contamination from airborne dust, sample preservation, sample handling by field technicians, or other sources. Trip blanks were filled with distilled water at the laboratory and remained unopened during field activities. Trip blanks allowed for identification of potential contamination from the transportation, storage, and handling of samples. Sample collection information including in-situ sampling details, field observations and other pertinent information collected by Nupqu, including names of field technicians, access constraints, weather, and sampling date and times, were uploaded to the central data management platform.

Quality control measures included the collection and analysis of blind field duplicate samples at a rate of 11% normal samples during the program from 2012 to 2019, to evaluate potential contamination from field or lab protocols. Blind duplicate samples; meaning two samples collected simultaneously with no identification of the corresponding parent sample. Relative percent differences (RPDs) were calculated for parent and duplicate sample pairs. The RPD is the absolute difference between the parent and duplicate result values divided by the mean. Following BC standard practices, RPDs were considered calculable where one of the parent and duplicate result is greater than 5 times the laboratory reportable detection limit (RDL). When the calculable RPD between a parent-duplicate pair exceeds 30% for liquid samples, standard practice is to explore potential explanations with reference to other analyses from the same sampling point, and/or field observations.

BV Labs and ALS are the CALA accredited laboratories used to perform the sample analyses. Laboratory analytical QA/QC procedures involve the analysis of laboratory duplicates and method blanks, in addition to an overall quality program. Analytical data were received from the laboratory in electronic format. Data were uploaded to Dillon's environmental database for comparison to the applicable criteria.

The QA/QC procedures are intended to ensure that samples collected and tested during the program adequately represent conditions at the time of measurement on the site.

4.0 Results

4.1 Overview of Findings

Complete surface water analytical results compared to the BC WQG working and approved short term guidelines for freshwater aquatic life and CWQGs for freshwater aquatic life long term and short term, are provided in **Appendix A**. Exceedances of these guidelines are summarized in **Table 3** below. Complete surface water analytical results including averaged 5-in-30 results (as applicable) compared to the BC WQG approved long term guidelines for freshwater aquatic life are provided in **Appendix B**. Five-in-30 discrete and averaged results which exceed the BC WQG long term guidelines are summarized in **Table 4**. The EVWQP (Teck, 2014) provides long term water quality target values for various management units within the Elk Valley. The LSA is located within Management Unit 4. Target values for this management unit have been compared to the Project surface water quality baseline data and exceedances of the targets are summarized in **Table 5**; complete results compared to the EVWQP long term targets are provided in **Appendix C**.

Table 3: Summary of Exceedances of the BC WQG Short Term and CWQG Short Term and Long Term

Sampling Station	Number of Sampling Events[1]	Parameter[2]	BC WQG Short Term Approved/Working[3] (n=Number of Exceedances)	CWQG Long Term[4] (n=Number of Exceedances)	CWQG Short Term[4] (n=Number of Exceedances)	Median Concentration	Maximum Concentration[5]
A1	58	Fluoride	**Variable**	0.12 mg/L (n=53)	-	0.16 mg/L	0.18 mg/L
		Aluminum	-	100 µg/L (n=12)	-	11.2 µg/L	2310 µg/L
		Beryllium	**0.13 µg/L (n=1)**	-	-	0.01 µg/L	**0.5 µg/L**
		Cadmium	-	Variable (n=1)	*Variable*	0.009 µg/L	0.862 µg/L
		Copper	-	Variable (n=1)	-	0.21 µg/L	10.3 µg/L
		Copper (dissolved)	**Variable (n=1)**	-	-	0.16 µg/L	**8.34 µg/L**
		Iron	**1000 µg/L (n=1)**	300 µg/L (n=6)	-	25.3 µg/L	**4650 µg/L**
		Zinc	**Variable (n=1)**	-	-	0.82 µg/L	**46.7 µg/L**
		Ammonia	**Variable**	Variable (n=1)	-	0.012 mg/L	0.43 mg/L
A2	58	Fluoride	**Variable**	0.12 mg/L (n=49)	-	0.16 mg/L	0.19 mg/L
		Aluminum	-	100 µg/L (n=12)	-	10.3 µg/L	2190 µg/L
		Beryllium	**0.13 µg/L (n=1)**	-	-	0.01 µg/L	**0.47 µg/L**
		Cadmium	-	Variable (n=1)	*Variable*	0.006 µg/L	0.714 µg/L
		Copper	-	Variable (n=2)	-	0.21 µg/L	8.39 µg/L
		Iron	**1000 µg/L (n=1)**	300 µg/L (n=5)	-	22.3 µg/L	**3650 µg/L**
		Zinc	**Variable (n=1)**	-	-	0.64 µg/L	**36.4 µg/L**

Sampling Station	Number of Sampling Events[1]	Parameter[2]	BC WQG Short Term Approved/Working[3] (n=Number of Exceedances)	CWQG Long Term[4] (n=Number of Exceedances)	CWQG Short Term[4] (n=Number of Exceedances)	Median Concentration	Maximum Concentration[5]
A3	24	Ammonia	**Variable**	Variable (n=1)	-	0.011 mg/L	0.39 mg/L
		Fluoride	**Variable**	0.12 mg/L (n=4)	-	0.12 mg/L	0.13 mg/L
		Aluminum	-	100 µg/L (n=8)	-	13.2 µg/L	5190 µg/L
		Beryllium	**0.13 µg/L (n=1)**	-	-	0.01 µg/L	**1.5 µg/L**
		Cadmium	**-**	Variable (n=1)	*Variable (n=1)*	0.01 µg/L	*1.82 µg/L*
		Copper	-	Variable (n=1)	-	0.25 µg/L	23.9 µg/L
		Iron	**1000 µg/L (n=1)**	300 µg/L (n=5)	-	13.5 µg/L	**9720 µg/L**
		Manganese	**Variable (n=1)**	-	-	0.94 µg/L	**1350 µg/L**
		Selenium	**2 µg/L (n=1)**	1 µg/L (n=1)	-	0.56 µg/L	**2.06 µg/L**
		Zinc	**Variable (n=1)**	-	-	0.94 µg/L	**93.8 µg/L**
A3(B)	29	Fluoride	**Variable**	0.12 mg/L (n=28)	-	0.18 mg/L	0.22 mg/L
		Aluminum	-	100 µg/L (n=1)	-	6.16 µg/L	101 µg/L
		Copper	-	Variable (n=1)	-	0.15 µg/L	6.23 µg/L
A4	58	Ammonia	**Variable**	Variable (n=1)	-	0.011 mg/L	0.35 mg/L
		Fluoride	**Variable**	0.12 mg/L (n=50)	-	0.25 mg/L	0.357 mg/L
		Aluminum	-	100 µg/L (n=2)	-	6.43 µg/L	2910 µg/L
		Beryllium	**0.13 µg/L (n=1)**	-	-	0.01 µg/L	**0.57 µg/L**
		Cadmium	**-**	Variable (n=1)	*Variable (n=1)*	0.01 µg/L	*1.29 µg/L*
		Copper	-	Variable (n=1)	-	0.17 µg/L	13.1 µg/L
		Iron	**1000 µg/L (n=1)**	300 µg/L (n=1)	-	3.8 µg/L	**4860 µg/L**
		Selenium	**2 µg/L**	1 µg/L (n=4)	-	0.72 µg/L	1.06 µg/L
		Zinc	**Variable (n=1)**	-	-	1.34 µg/L	**73.8 µg/L**
A5	57	Fluoride	**Variable**	0.12 mg/L (n=37)	-	0.14 mg/L	0.187 mg/L
		Aluminum	-	100 µg/L (n=1)	-	2.97 µg/L	226 µg/L
		Copper	-	Variable (n=1)	-	0.13 µg/L	3.21 µg/L
		Selenium	**2 µg/L**	1 µg/L (n=26)	-	0.96 µg/L	1.77 µg/L
G1	57	Fluoride	**Variable**	0.12 mg/L (n=5)	-	0.092 mg/L	0.22 mg/L
		Aluminum	-	100 µg/L (n=21)	-	73.2 µg/L	837 µg/L
		Copper	-	Variable (n=1)	-	0.64 µg/L	4.6 µg/L
		Iron	**1000 µg/L (n=2)**	300 µg/L (n=10)	-	85.4 µg/L	**1560 µg/L**
		Selenium	**2 µg/L**	1 µg/L (n=4)	-	0.37 µg/L	1.84 µg/L
G2	57	Ammonia	**Variable**	Variable (n=1)	-	0.013 mg/L	0.97 mg/L
		Fluoride	**Variable**	0.12 mg/L (n=37)	-	0.19 mg/L	0.285 mg/L
		Aluminum	-	100 µg/L (n=11)	-	12.5 µg/L	1040 µg/L
		Iron	**1000 µg/L (n=2)**	300 µg/L (n=6)	-	16.7 µg/L	**1390 µg/L**
		Selenium	**2 µg/L (n=10)**	1 µg/L (n=39)	-	1.55 µg/L	**2.67 µg/L**

Sampling Station	Number of Sampling Events[1]	Parameter[2]	BC WQG Short Term Approved/Working[3] (n=Number of Exceedances)	CWQG Long Term[4] (n=Number of Exceedances)	CWQG Short Term[4] (n=Number of Exceedances)	Median Concentration	Maximum Concentration[5]
H1	57	Ammonia	**Variable**	Variable (n=1)	-	0.014 mg/L	0.26 mg/L
		Fluoride	**Variable**	0.12 mg/L (n=57)	-	0.23 mg/L	0.279 mg/L
		Aluminum	-	100 µg/L (n=9)	-	10.4 µg/L	407 µg/L
		Iron	**1000 µg/L**	300 µg/L (n=4)	-	18.9 µg/L	902 µg/L
		Selenium	**2 µg/L (n=57)**	1 µg/L (n=57)	-	**22.7 µg/L**	**29.8 µg/L**
M1	58	Ammonia	**Variable**	Variable (n=1)	-	0.018 mg/L	0.4 mg/L
		Fluoride	**Variable**	0.12 mg/L (n=26)	-	0.12 mg/L	0.18 mg/L
		Aluminum	-	100 µg/L (n=19)	-	27.1 µg/L	3200 µg/L
		Beryllium	**0.13 µg/L (n=2)**	-	-	0.01 µg/L	**0.74 µg/L**
		Cadmium	**-**	Variable (n=2)	*Variable (n=1)*	0.031 µg/L	*2.72 µg/L*
		Copper	-	Variable (n=3)	-	0.35 µg/L	17 µg/L
		Iron	**1000 µg/L (n=3)**	300 µg/L (n=10)	-	30.4 µg/L	**6310 µg/L**
		Selenium	**2 µg/L (n=7)**	1 µg/L (n=46)	-	1.51 µg/L	**3.29 µg/L**
M2	57	Fluoride	**Variable**	0.12 mg/L (n=30)	-	0.14 mg/L	0.18 mg/L
		Aluminum	-	100 µg/L (n=17)	-	24.2 µg/L	2200 µg/L
		Aluminum (dissolved)	**100 µg/L (n=1)**	-	-	2.88 µg/L	**358 µg/L**
		Beryllium	**0.13 µg/L (n=2)**	-	-	0.01 µg/L	**0.65 µg/L**
		Cadmium	**-**	Variable (n=2)	*Variable (n=1)*	0.024 µg/L	*2.53 µg/L*
		Copper	-	Variable (n=3)	-	0.31 µg/L	14.7 µg/L
		Iron	**1000 µg/L (n=2)**	300 µg/L (n=8)	-	26 µg/L	**4580 µg/L**
		Selenium	**2 µg/L (n=34)**	1 µg/L (n=45)	-	**2.4 µg/L**	**10.6 µg/L**
		Silver	**Variable (n=1)**	0.25 µg/L	-	0.003 µg/L	**0.108 µg/L**
		Zinc	**Variable (n=1)**	-	-	1.04 µg/L	**61.1 µg/L**
WA1	54	Fluoride	**Variable**	0.12 mg/L (n=11)	-	0.11 mg/L	0.131 mg/L
		Aluminum	-	100 µg/L (n=13)	-	9.3 µg/L	5730 µg/L
		Barium	**1000 µg/L (n=1)**	-	-	87 µg/L	**1070 µg/L**
		Beryllium	**0.13 µg/L (n=1)**	-	-	0.01 µg/L	**1.42 µg/L**
		Cadmium	**-**	Variable (n=1)	*Variable (n=1)*	0.008 µg/L	*1.89 µg/L*
		Copper	-	Variable (n=2)	-	0.25 µg/L	25.8 µg/L
		Iron	**1000 µg/L (n=1)**	300 µg/L (n=6)	-	12.1 µg/L	**11800 µg/L**
		Manganese	**Variable (n=1)**	-	-	0.69 µg/L	**1580 µg/L**
		Zinc	**Variable (n=1)**	-	-	0.74 µg/L	**101 µg/L**

1 – Includes discrete 5-in-30 sampling events. Where parent and field duplicate samples were collected, it is considered a single event. If an exceedance was identified for only one of the parent and duplicate result, it has been considered an exceedance as a conservative measure.
2 – Refers to total fraction, unless otherwise specified.
3 – BC WQG are for the protection of freshwater aquatic life, short term.
4 – CWQGs are for the protection of freshwater aquatic life, long term and short term, respectively.
5 – Where the maximum value exceeds the respective BC WQG (approved /working) it is indicated in **BOLD**. Where the maximum value exceeds the respective CWQG long term it is indicated by UNDERLINE. Where the maximum value exceeds the respective CWQG short term it is indicated by *ITALICS*. Where the maximum value exceeds more than one comparison criteria it is indicated by a combination these notations.

Table 3 summarizes the surface water analytical results and exceedances of the BC WQG working and approved short term guidelines and CWQGs long term and short term. One or more exceedances of the BC WQG short term were identified for dissolved aluminum, barium, beryllium, dissolved copper, iron, manganese, selenium, silver and zinc. Exceedances of the CWQGs (short term and/or long term) were identified for one or more concentrations for ammonia, aluminum, fluoride, cadmium, copper, iron and selenium. For the majority of sampling stations, up to 58 sampling rounds have been conducted. Where exceedances of the guidelines have not been consistently identified, or appear to be relatively isolated occurrences, elevated concentrations are not considered parameters of concern. For instance, cadmium has been identified in exceedance of the CWQGs (short term and/or long term) a maximum of two sample events per sampling station; both exceedances are associated with significant precipitation events. Since cadmium is a known potential contaminant of concern for the Elk Valley area, and is listed in the EVWQP as one of the four Order parameters, it has been included in discussion of the results herein, however is not considered to represent elevated baseline conditions in the LSA. Exceedances of other parameters are further discussed in the following sub-sections.

Table 4 below provides a summary of the 5-in-30 intensive sampling events and the identified exceedances of the BC WQG approved long term guidelines compared to discrete 5-in-30 sample results and averaged results. The findings indicate that one or more discrete results from A1, A2, A3, A3(B), A4, G1, G2, H1, M1, M2 and WA1 exceed the BC WQG long term for dissolved copper. Once results are averaged, A1, A3, G2, H1 and M2 continue to exceed the long term guideline for dissolved copper during one or more 5-in-30 intensive sampling events. Dissolved aluminum concentrations in surface water collected from A3 during the May/June 2014 event were found to exceed for one of five discrete samples, however averaged results were below the long term guideline. Each of four intensive sampling events conducted at sampling station H1 were found to contain concentrations of selenium in exceedance of the BC WQG long term, where each discrete and long term averaged result exceeded the guideline value. One discrete concentration of silver in surface water collected from M1 was found to exceed the long term BC WQG, however results were below the guideline once the long term average was applied. Both low-flow intensive sampling events (Aug/Sept 2014 and 2015) conducted at sampling station M2 identified discrete and averaged results for selenium in exceedance of the guideline. Discrete sample concentrations of silver and zinc were found to exceed the long term guidelines during the high-flow (May/Jun 2014) sampling event. The averaged result for silver was below the guideline during this event, however the averaged zinc result exceeded the long term guideline.

Table 4: Summary of Exceedances of the BC WQG Long Term

Sampling Station	Number of 5-in-30 Sampling Events[1]	Event Date	Parameter[2]	BC WQG Approved/Working[3] Long Term (n=Number of Exceedances)	Discrete Sample Concentrations[4]	Average Concentration[5]
A1	4	Aug/Sept 2015	Copper (dissolved)	**Variable (n=1, and 5-in-30 Average)**	0.139 µg/L **2.59 µg/L** 0.09 µg/L 0.114 µg/L 0.099 µg/L	**0.6 µg/L**
A2	4	Aug/Sept 2014	Copper (dissolved)	**Variable (n=1)**	0.117 µg/L **0.554 µg/L** 0.138 µg/L 0.095 µg/L 0.213 µg/L	0.22 µg/L
A3	1	May/Jun 2014	Aluminum (dissolved)	**50 µg/L (n=1)**	5.62 µg/L 11.5 µg/L 8.66 µg/L **53.6 µg/L** 16.8 µg/L	19 µg/L
			Copper (dissolved)	**Variable (n=1, and 5-in-30 Average)**	0.291 µg/L 0.335 µg/L **5.01 µg/L** 0.266 µg/L 0.251 µg/L	**1.2 µg/L**
A3(B)	3	Aug/Sept 2014	Copper (dissolved)	**Variable (n=1)**	**0.571 µg/L** 0.112 µg/L 0.144 µg/L 0.132 µg/L 0.107 µg/L	0.11 µg/L
A4	4	Aug/Sept 2014	Copper (dissolved)	**Variable (n=1)**	0.12 µg/L 0.078 µg/L 0.143 µg/L 0.107 µg/L **0.318 µg/L**	0.15 µg/L
A5	4	-	-	-	-	-
G1	4	May/Jun 2014	Copper (dissolved)	**Variable (n=1)**	0.368 µg/L **2.65 µg/L** 0.348 µg/L 0.344 µg/L 0.276 µg/L	0.8 µg/L

Sampling Station	Number of 5-in-30 Sampling Events[1]	Event Date	Parameter[2]	BC WQG Approved/Working[3] Long Term (n=Number of Exceedances)	Discrete Sample Concentrations[4]	Average Concentration[5]
G2	4	Aug/Sept 2014	Copper (dissolved)	**Variable (n=1)**	**5.31 µg/L**	**1.2 µg/L**
					0.145 µg/L	
					0.21 µg/L	
					0.132 µg/L	
					0.16 µg/L	
H1	4	May/Jun 2014	Selenium	**2 µg/L (n=5, and 5-in-30 Average)**	**20.5 µg/L**	**16 µg/L**
					14.1 µg/L	
					17.9 µg/L	
					13.5 µg/L	
					13.4 µg/L	
		Aug/Sept 2014	Selenium	**2 µg/L (n=5, and 5-in-30 Average)**	**22.2 µg/L**	**19 µg/L**
					22.1 µg/L	
					20.6 µg/L	
					23.6 µg/L	
					23 µg/L	
					0.577 µg/L (duplicate)	
		May/Jun 2015	Selenium	**2 µg/L (n=5, and 5-in-30 Average)**	**16.5 µg/L**	**11 µg/L**
					10.8 µg/L	
					8.8 µg/L	
					8.02 µg/L	
					11.2 µg/L	
		Aug/Sept 2015	Copper (dissolved)	**Variable (n=1, and 5-in-30 Average)**	0.158 µg/L	**2 µg/L**
					9.3 µg/L	
					0.177 µg/L	
					0.175 µg/L	
					0.145 µg/L	
			Selenium	**2 µg/L (n=5, and 5-in-30 Average)**	**22.6 µg/L**	**23 µg/L**
					22.8 µg/L	
					20.8 µg/L	
					22.9 µg/L	
					27.3 µg/L	
M1	4	May/Jun 2014	Silver	**Variable (n=1)**	0.016 µg/L	0.03 µg/L
					0.102 µg/L	
					<0.005 µg/L	
					0.018 µg/L	
					0.005 µg/L	
		May/Jun 2015	Copper (dissolved)	**Variable (n=1)**	0.256 µg/L	0.4 µg/L
					0.313 µg/L	
					0.308 µg/L	
					0.523 µg/L	
					0.512 µg/L	

Sampling Station	Number of 5-in-30 Sampling Events[1]	Event Date	Parameter[2]	BC WQG Approved/Working[3] Long Term (n=Number of Exceedances)	Discrete Sample Concentrations[4]	Average Concentration[5]
M2	4	May/Jun 2014	Silver	**Variable (n=1)**	0.02 µg/L	0.03 µg/L
					0.108 µg/L	
					<0.005 µg/L	
					0.018 µg/L	
					0.005 µg/L	
			Zinc	**Variable (n=1)**	5.49 µg/L	**8.3 µg/L**
					23.4 µg/L	
					4.52 µg/L	
					6.22 µg/L	
					1.87 µg/L	
		Aug/Sept 2014	Selenium	**2 µg/L (n=5, and 5-in-30 Average)**	**2.64 µg/L**	**2.4 µg/L**
					2.4 µg/L	
					2.1 µg/L	
					2.4 µg/L	
					2.39 µg/L	
		Aug/Sept 2015	Copper (dissolved)	**Variable (n=1)**	0.182 µg/L	0.35 µg/L
					0.97 µg/L	
					0.206 µg/L	
					0.183 µg/L	
					0.205 µg/L	
			Selenium	**2 µg/L (n=5, and 5-in-30 Average)**	**4.7 µg/L**	**4.1 µg/L**
					4.68 µg/L	
					3.99 µg/L	
					2.93 µg/L	
					4.29 µg/L	
WA1	4	Aug/Sept 2015	Copper (dissolved)	**Variable (n=1)**	0.151 µg/L	0.4 µg/L
					3.42 µg/L	
					0.229 µg/L	
					0.112 µg/L	
					0.118 µg/L	

1 – Includes analytical data from 5-in-30 sampling events only. Where parent and field duplicate samples were collected, it is considered a discrete single event. If an exceedance was identified for only one of the parent and duplicate result, it has been considered an exceedance as a conservative measure.

2 – Refers to total fraction, unless otherwise specified.

3 – BC WQG are for the protection of freshwater aquatic life short term.

4 – Where a discrete result value exceeds the respective BC WQG (approved long term) it is indicated in **BOLD**.

5 – When the arithmetic average of the 5-in-30 discrete result values exceeds the respective BC WQG (approved long term) it is indicated in **BOLD UNDERLINE**.

In addition to the exceedances of the BC WQG long term identified in the above **Table 4**, several other exceedances of the BC WQG long term were identified in samples collected outside of 5-in-30 intensive events. These include isolated exceedance of ammonia (H1 and M1), aluminum (G2, H1 and M2), dissolved copper (A1, A2, A4, A5, G2, M1, M2 and WA1) and manganese (A3 and WA1). A number of exceedances of cobalt (A1, A2, A3, A4, M1, M2 and WA1), lead (A1, A2, A3, A1, M1, M2 and WA1), silver (M2 and WA1) and zinc (A1, A2, A3, A4, M1, M2 and WA1) were identified, and are associated with the extreme precipitation event of June, 2013. Isolated exceedances of the BC WQG long term for selenium in surface water were identified at station A3, however were more consistently identified at stations G2, H1, M1 and M2.

Table 5 below provides a summary of the site-specific long term water quality targets which have been established for the Elk Valley and surrounding area. These values are provided in the EVWQP (Teck, 2014; Table S-1) and have been included herein for comparison and discussion purposes. Findings indicate that the results of surface water sampling in June 2013 identified cadmium concentrations above the target at sampling stations A1, A2, A3 and A4, M1, M2 and WA1. With the exception of M1 and M2, each of these represents an isolated occurrence with respect to cadmium. Concentrations of cadmium in surface water collected from M1 and M2 were also found to exceed the target during the May 2014 sampling event. Concentrations of cadmium from A5 were above the target in October 2012, and appear to be an isolated occurrence. Selenium concentrations in surface water are below the EVWQP long term target values for the sampling stations surveyed, with the exception of surface water at H1. Selenium concentrations in surface water collected from H1 were found to be above the target 40 of 57 sampling events. Concentrations of the other four Order parameters (e.g., nitrate and sulphate), were below the target values from 2012 to 2019 for the sampling stations within the LSA.

Table 5: Summary of Exceedances of the EVWQP Long Term Water Quality Targets

Sampling Station	Number of Sampling Events[1]	Parameter[2]	Number of Exceedances	Elk Valley Long Term Water Quality Targets[3]	Median Concentration[5]	Maximum Concentration[5]
A1	58	Nitrate	-	**3 mg/L**	0.04 mg/L	0.12 mg/L
		Sulphate[4]	-	**429 mg/L**	14.8 mg/L	19.7 mg/L
		Cadmium	**1**	**0.24 µg/L**	0.009 µg/L	**0.86 µg/L**
		Selenium	-	**19 µg/L**	0.6 µg/L	0.96 µg/L
A2	58	Nitrate	-	**3 mg/L**	0.05 mg/L	0.128 mg/L
		Sulphate[4]	-	**429 mg/L**	13.4 mg/L	23.3 mg/L
		Cadmium	**1**	**0.24 µg/L**	0.006	**0.71 µg/L**
		Selenium	-	**19 µg/L**	0.53 µg/L	0.67 µg/L
A3	24	Nitrate	-	**3 mg/L**	0.06 mg/L	0.246 mg/L
		Sulphate[4]	-	**429 mg/L**	16.3 mg/L	21.4 mg/L
		Cadmium	**1**	**0.24 µg/L**	0.01 µg/L	**1.82 µg/L**
		Selenium	-	**19 µg/L**	0.6 µg/L	2.06 µg/L

Sampling Station	Number of Sampling Events[1]	Parameter[2]	Number of Exceedances	Elk Valley Long Term Water Quality Targets[3]	Median Concentration[5]	Maximum Concentration[5]
A3(B)	29	Nitrate	-	**3 mg/L**	0.05 mg/L	0.091 mg/L
		Sulphate[4]	-	**429 mg/L**	15.6 mg/L	19.9 mg/L
		Cadmium	-	**0.24 µg/L**	0.006 µg/L	0.016 µg/L
		Selenium	-	**19 µg/L**	0.5 µg/L	0.70 µg/L
A4	58	Nitrate	-	**3 mg/L**	0.09 mg/L	0.20 mg/L
		Sulphate[4]	-	**429 mg/L**	23 mg/L	38.8 mg/L
		Cadmium	**1**	**0.24 µg/L**	0.01 µg/L	**1.29 µg/L**
		Selenium	-	**19 µg/L**	0.7 µg/L	1.06 µg/L
A5	57	Nitrate	-	**3 mg/L**	0.04 mg/L	0.11 mg/L
		Sulphate[4]	-	**429 mg/L**	19 mg/L	30.3 mg/L
		Cadmium	**1**	**0.24 µg/L**	0.006 µg/L	**0.29 µg/L**
		Selenium	-	**19 µg/L**	1.0 µg/L	1.77 µg/L
G1	57	Nitrate	-	**3 mg/L**	0.01 mg/L	0.14 mg/L
		Sulphate[4]	-	**429 mg/L**	23 mg/L	31 mg/L
		Cadmium	-	**0.24 µg/L**	0.02 µg/L	0.22 µg/L
		Selenium	-	**19 µg/L**	0.4 µg/L	1.84 µg/L
G2	57	Nitrate	-	**3 mg/L**	0.09 mg/L	0.219 mg/L
		Sulphate[4]	-	**429 mg/L**	23.6 mg/L	34.4 mg/L
		Cadmium	-	**0.24 µg/L**	0.009 µg/L	0.22 µg/L
		Selenium	-	**19 µg/L**	1.6 µg/L	2.67 µg/L
H1	57	Nitrate	-	**3 mg/L**	0.7 mg/L	1.04 mg/L
		Sulphate[4]	-	**429 mg/L**	137 mg/L	180 mg/L
		Cadmium	-	**0.24 µg/L**	0.02 µg/L	0.19 µg/L
		Selenium	**40**	**19 µg/**	**22.7 µg/L**	**29.8 µg/L**
M1	58	Nitrate	-	**3 mg/L**	0.3 mg/L	0.50 mg/L
		Sulphate[4]	-	**429 mg/L**	49.3 mg/L	75.1 mg/L
		Cadmium	**2**	**0.24 µg/L**	0.03 µg/L	**2.72 µg/L**
		Selenium	-	**19 µg/L**	1.5 µg/L	3.29 µg/L
M2	57	Nitrate	-	**3 mg/L**	0.4 mg/L	1.14 mg/L
		Sulphate[4]	-	**429 mg/L**	46.8 mg/L	99 mg/L
		Cadmium	**2**	**0.24 µg/L**	0.02 µg/L	**2.53 µg/L**
		Selenium	-	**19 µg/L**	2.4 µg/L	10.6 µg/L
WA1	54	Nitrate	-	**3 mg/L**	0.04 mg/L	0.14 mg/L
		Sulphate[4]	-	**429 mg/L**	17.2 mg/L	21.5 mg/L
		Cadmium	**1**	**0.24 µg/L**	0.008 µg/L	**1.89 µg/L**
		Selenium	-	**19 µg/L**	0.5 µg/L	0.89 µg/L

1 – Includes discrete 5-in-30 sampling events. Where parent and field duplicate samples were collected, it is considered a single event. If an exceedance was identified for only one of the parent and duplicate result, it has been considered an exceedance as a conservative measure.
2 – Refers to total fraction, unless otherwise specified.
3 – Elk Valley Water Quality Target values appear as listed in Table S-1 of the EVWQP. Refer to the EVWQP for additional site-specific and guideline derivation information. Target values for Management Unit 4 are applicable to the LSA.
4 – Analytical results from 2012 to 2016 are for dissolved sulphate and results from 2018 to 2019 are for total sulphate.
5 – Result values which exceed the Target value are indicated in **BOLD**.

Based on the findings presented in **Table 3**, **Table 4** and **Table 5** above, specific parameters have been identified as parameters of interest and additional analysis was conducted. These parameters include the four Order parameters listed in the EVWQP (e.g., nitrate, sulphate, cadmium and selenium), and several additional parameters which were found to exceed the BC WQG approved/working short term and long term guidelines and the CWQG short term and long term guidelines. These additional parameters of interest include aluminum, fluoride, copper, dissolved copper and iron. Basic statistics (minimum, maximum, median, mean, standard deviation and standard error) for these select parameters of interest (herein referred to as key parameters) are provided in **Table 6**. Parameters which were not found to exceed the applicable guidelines, or where no comparison value exists, are not discussed further.

Table 6: Summary Statistics for Key Parameters Measured in Surface Water in the LSA

Sampling Station	Parameter[1]	Minimum	Maximum	Median	Mean	Standard Error	Standard Deviation
A1	Nitrate	<0.02	0.12	0.04	0.04	0.00	0.03
	Fluoride	0.11	0.18	0.2	0.2	0.0	0.0
	Sulphate[2]	5.98	19.7	14.8	14.0	0.5	3.7
	Aluminum	1.87	2310	11.2	80.7	37.0	294
	Cadmium	0.005	0.862	0.0	0.0	0.0	0.1
	Copper	<0.05	10.3	0.2	0.5	0.2	1.3
	Dissolved copper	0.05	8.34	0.2	0.4	0.2	1.1
	Iron	5.5	4650	25.3	156	74.1	588
	Selenium	0.254	0.694	0.5	0.5	0.0	0.1
A2	Nitrate	0.0133	0.128	0.0	0.1	0.0	0.0
	Fluoride	0.1	0.19	0.2	0.2	0.0	0.0
	Sulphate[2]	3.84	23.3	13.4	12.6	0.5	4.1
	Aluminum	2.1	2190	10.3	79.7	35.6	280
	Cadmium	<0.005	0.714	0.0	0.0	0.0	0.1
	Copper	<0.05	8.39	0.2	0.5	0.1	1.1
	Dissolved copper	0.05	0.55	0.2	0.2	0.0	0.1
	Iron	5.2	3650	22.3	141	59.5	469
	Selenium	0.247	0.67	0.5	0.5	0.0	0.1
A3	Nitrate	<0.02	0.246	0.1	0.1	0.0	0.1
	Fluoride	0.085	0.13	0.1	0.1	0.0	0.0
	Sulphate[2]	3.71	21.4	16.3	14.3	1.0	5.2
	Aluminum	2.69	5190	13.2	274	198	1008
	Cadmium	<0.005	1.82	0.0	0.1	0.1	0.4
	Copper	<0.05	23.9	0.2	1.4	0.9	4.6
	Dissolved copper	0.068	5.01	0.2	0.4	0.2	1.0
	Iron	2.4	9720	13.5	504	371	1891
	Selenium	0.296	2.06	0.6	0.6	0.1	0.3

Sampling Station	Parameter[1]	Minimum	Maximum	Median	Mean	Standard Error	Standard Deviation
A3(B)	Nitrate	0.0119	0.0908	0.1	0.1	0.0	0.0
	Fluoride	0.11	0.22	0.2	0.2	0.0	0.0
	Sulphate[2]	6.44	21.9	15.6	14.8	0.8	4.4
	Aluminum	1.97	101	6.2	19.1	4.8	27.0
	Cadmium	<0.005	0.016	0.0	0.0	0.0	0.0
	Copper	<0.5	6.23	0.1	0.4	0.2	1.1
	Dissolved copper	0.05	0.57	0.1	0.2	0.0	0.1
	Iron	2	146	9.9	27.3	6.9	38.5
	Selenium	0.241	0.703	0.5	0.5	0.0	0.1
A4	Nitrate	<0.02	0.197	0.1	0.1	0.0	0.0
	Fluoride	0.081	0.357	0.3	0.2	0.0	0.1
	Sulphate[2]	1.99	42.1	23.1	20.0	1.4	11.1
	Aluminum	1.91	2910	6.4	63.0	49.2	378
	Cadmium	0.0053	1.29	0.0	0.0	0.0	0.2
	Copper	<0.5	13.1	0.2	0.5	0.2	1.7
	Dissolved copper	0.05	1.25	0.1	0.2	0.0	0.2
	Iron	<1	4860	5.0	98.3	82.2	631
	Selenium	0.155	1.06	0.7	0.7	0.0	0.3
A5	Nitrate	<0.02	0.107	0.0	0.1	0.0	0.0
	Fluoride	0.058	0.187	0.1	0.1	0.0	0.0
	Sulphate[2]	2.66	33.5	18.9	16.7	1.1	8.8
	Aluminum	<3	226	3.0	8.7	3.7	28.9
	Cadmium	<0.005	0.293	0.0	0.0	0.0	0.0
	Copper	<0.5	3.21	0.1	0.3	0.1	0.6
	Dissolved copper	0.05	1.34	0.1	0.2	0.0	0.2
	Iron	<1	135	2.9	5.8	2.2	17.2
	Selenium	0.16	1.77	1.0	0.8	0.1	0.5
G1	Nitrate	<0.005	0.137	0.0	0.0	0.0	0.0
	Fluoride	0.065	0.22	0.1	0.1	0.0	0.0
	Sulphate[2]	8.91	37.3	23.3	20.6	0.9	6.8
	Aluminum	3.43	837	73.2	140	22.3	176
	Cadmium	0.006	0.22	0.0	0.0	0.0	0.0
	Copper	<0.5	4.6	0.6	0.8	0.1	0.7
	Dissolved copper	0.12	2.65	0.4	0.4	0.0	0.3
	Iron	3.7	1560	85.4	202	38.9	306
	Selenium	0.241	1.84	0.4	0.5	0.0	0.3
G2	Nitrate	<0.02	0.22	0.1	0.1	0.0	0.0
	Fluoride	0.093	0.29	0.2	0.2	0.0	0.1
	Sulphate[2]	10	34.4	23.6	22.2	0.8	6.4
	Aluminum	1.5	1040	12.5	71.2	19.2	157
	Cadmium	0.005	0.221	0.0	0.0	0.0	0.0
	Copper	<0.5	2.44	0.2	0.5	0.1	0.5
	Dissolved copper	0.072	5.31	0.2	0.3	0.1	0.7
	Iron	1.5	1390	16.7	119	30.8	252
	Selenium	0.309	2.67	1.6	1.4	0.1	0.7

Sampling Station	Parameter[1]	Minimum	Maximum	Median	Mean	Standard Error	Standard Deviation
H1	Nitrate	0.052	1.04	0.7	0.7	0.0	0.2
	Fluoride	0.13	0.28	0.2	0.2	0.0	0.0
	Sulphate[2]	14.1	181	137.0	121	5.4	42.1
	Aluminum	1.43	407	10.4	46.9	11.0	86.4
	Cadmium	0.01	0.19	0.0	0.0	0.0	0.0
	Copper	0.088	2.09	0.2	0.3	0.0	0.4
	Dissolved copper	0.085	9.3	0.2	0.4	0.2	1.2
	Iron	3.8	902	18.9	82.9	21.3	167
	Selenium	0.577	29.8	22.7	21.0	0.8	6.3
M1	Nitrate	0.0099	0.50	0.3	0.3	0.0	0.1
	Fluoride	0.082	0.18	0.1	0.1	0.0	0.0
	Sulphate[2]	9.82	76.8	50.0	45.7	2.6	20.8
	Aluminum	3.42	3200	27.1	196	63.3	507
	Cadmium	0.019	2.72	0.0	0.2	0.1	0.5
	Copper	<0.5	17	0.4	1.1	0.4	2.9
	Dissolved copper	0.16	0.82	0.3	0.4	0.0	0.8
	Iron	4.9	6310	30.4	317	120.5	964
	Selenium	0.673	3.29	1.5	1.5	0.1	0.5
M2	Nitrate	0.021	1.14	0.3	0.4	0.0	0.2
	Fluoride	0.09	0.18	0.1	0.1	0.0	0.0
	Sulphate[2]	11.9	99	47.1	46.0	2.9	21.7
	Aluminum	3.25	2200	24.2	139	44.7	341
	Cadmium	0.012	2.53	0.0	0.1	0.0	0.3
	Copper	0.12	14.7	0.3	0.9	0.3	2.1
	Dissolved copper	0.11	1.39	0.3	0.3	0.0	0.8
	Iron	6.7	4580	26.0	222	86.9	662
	Selenium	0.62	10.6	2.4	3.1	0.3	2.2
WA1	Nitrate	0.015	0.14	0.0	0.1	0.0	0.0
	Fluoride	<0.01	0.13	0.1	0.1	0.0	0.0
	Sulphate[2]	4.4	21.5	17.3	15.8	0.5	4.1
	Aluminum	2.55	5730	9.3	160	102	770
	Cadmium	0.005	1.89	0.0	0.1	0.0	0.3
	Copper	<0.5	25.8	0.3	1.2	0.6	4.3
	Dissolved copper	0.086	3.42	0.2	0.3	0.1	0.5
	Iron	2	11800	12.1	312	210	1587
	Selenium	0.34	0.89	0.5	0.5	0.0	0.1

1 – Refers to total fraction, unless otherwise specified.

2 – Analytical results from 2012 to 2016 are for dissolved sulphate, and results from 2018 to 2019 are for total sulphate.

4.1.1 Physical Tests

Results of field pH readings indicated that surface water at each of the sampling locations is generally alkaline (e.g., pH >7; **Figure 4**). The acceptable pH range for long term exposure for freshwater aquatic life is between 6.5 and 9.0, as stipulated in the CWQG. Overall, the range of pH readings measured in the field over time is considered low (e.g., within one pH unit; generally range between 7.8 and 8.7) and is within the acceptable CWQG range. Lab pH results were found to indicate slightly more neutral waters than the field pH measurements. This can occur as samples that are acidic tend to lose CO_2 while in transit, and thereby become more neutral. Conversely, field measurements indicating basic waters were found to have lower lab pH results, which may be attributed to CO_2 in the air dissolving into the water samples prior to analysis. Field pH was used in the calculation of pH-dependant guidelines and to evaluate trends. Where field pH measurements were not available or lack of verifiable data attributed to field equipment or data collection error was identified, lab pH was used in lieu. Graphing of field pH measurements over time demonstrate that elevated pH levels occurred across each of the sampling stations during July and August 2012, compared to other events. Variation between stations is greater during the June 2019 sampling event and indicates generally more acidic surface water compared to typical conditions. Distinct seasonal trends in pH level are not apparent.

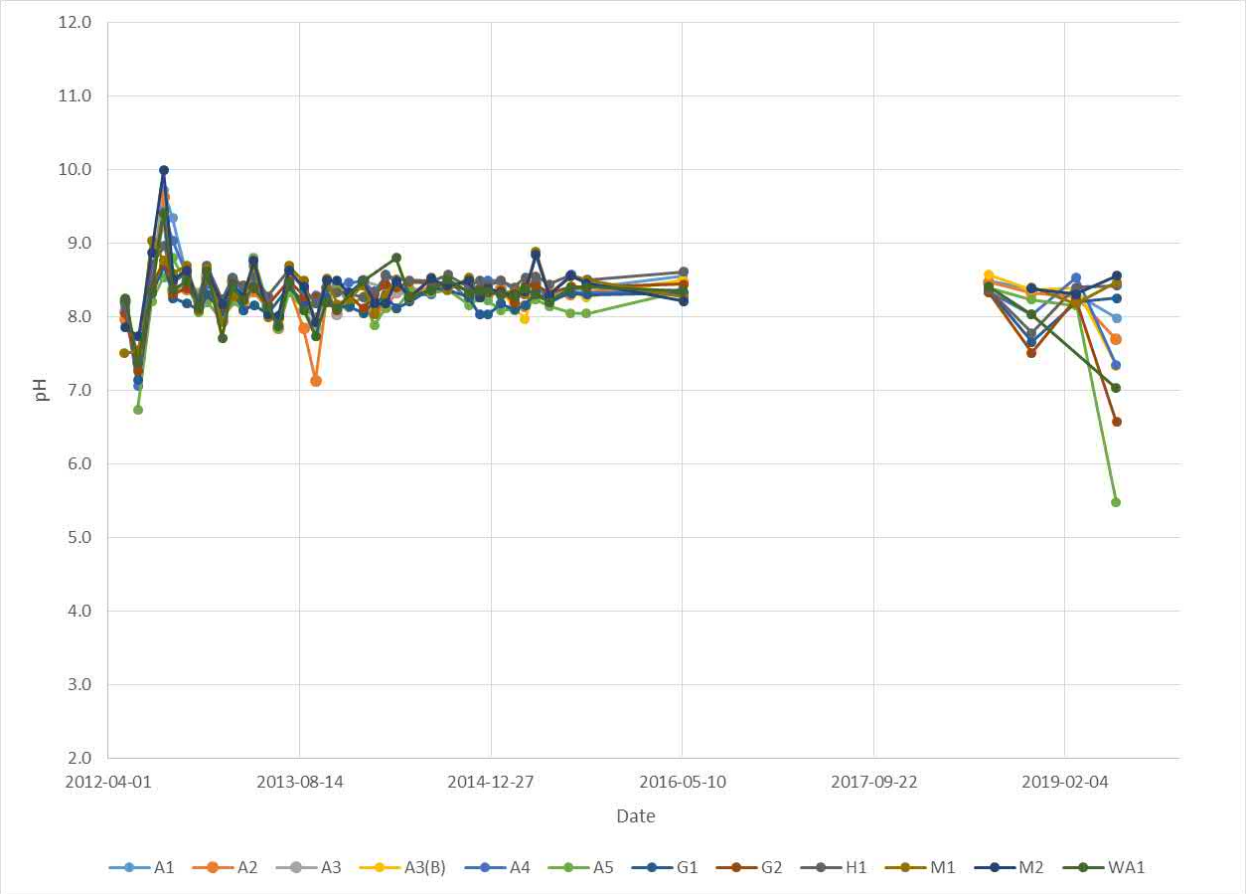

Figure 4: Field pH measurements across the LSA over time.

Water hardness ranged from 64 to 369 mg $CaCO_3$/L, with an average result of 161 mg $CaCO_3$/L. Hardness levels appear to fluctuate relatively consistently across the study area, as illustrated in **Figure 5**. Water hardness at station H1 was consistently higher compared to other sample locations. Seasonal trends can be observed, where lower water hardness tends to occur during the spring freshet (May-June) and higher water hardness during the fall and winter months. Note that analytical results for water hardness are not available beyond May 2016 and no guideline values are available for freshwater aquatic life for comparison purposes.

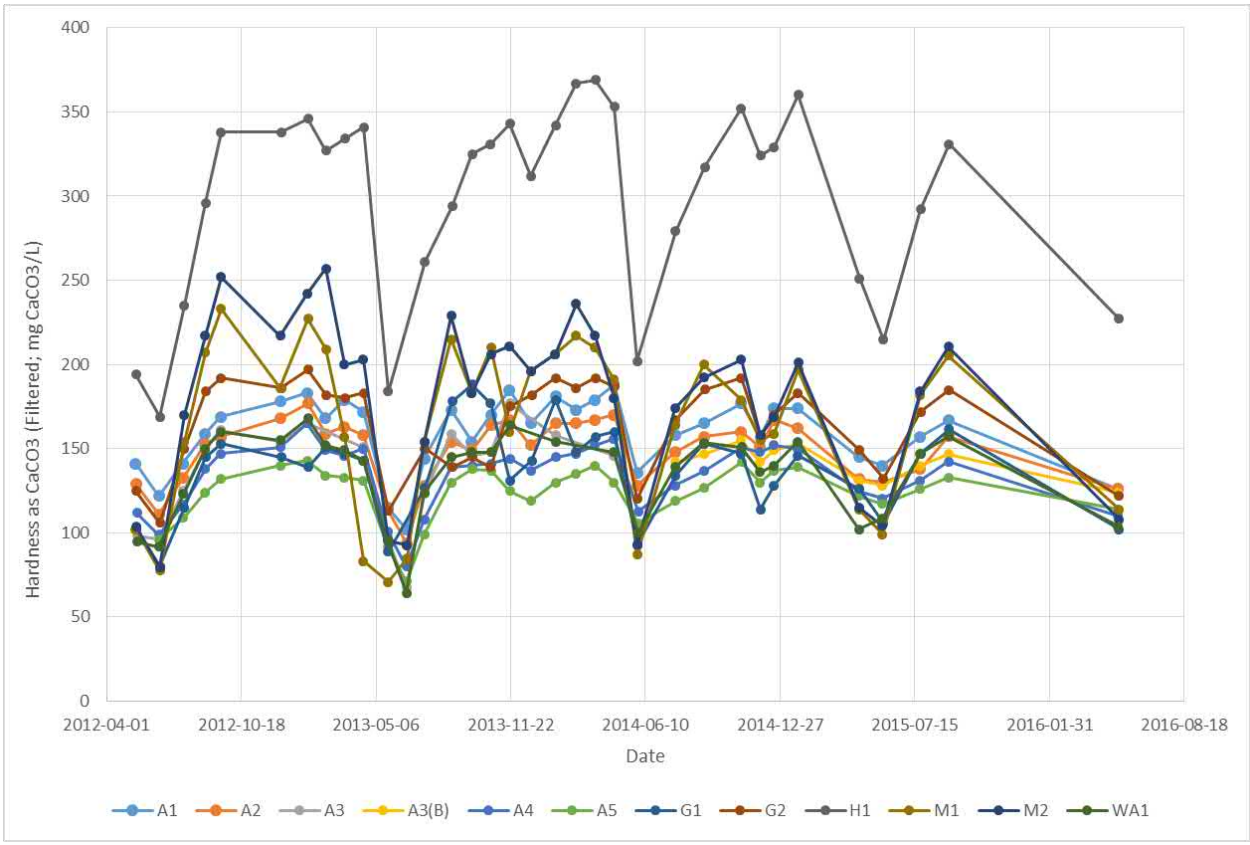

Figure 5: Water hardness across the LSA over time.

Conductivity ranged from 137 to 686 µS/cm (**Figure 6**). Conductivity of surface water at station H1 was consistently higher than measured at other sampling stations. Seasonally, conductivity is generally lower during the high-flow spring freshet and higher during the low-flow fall and winter seasons. No guideline values are available for conductivity for comparison purposes.

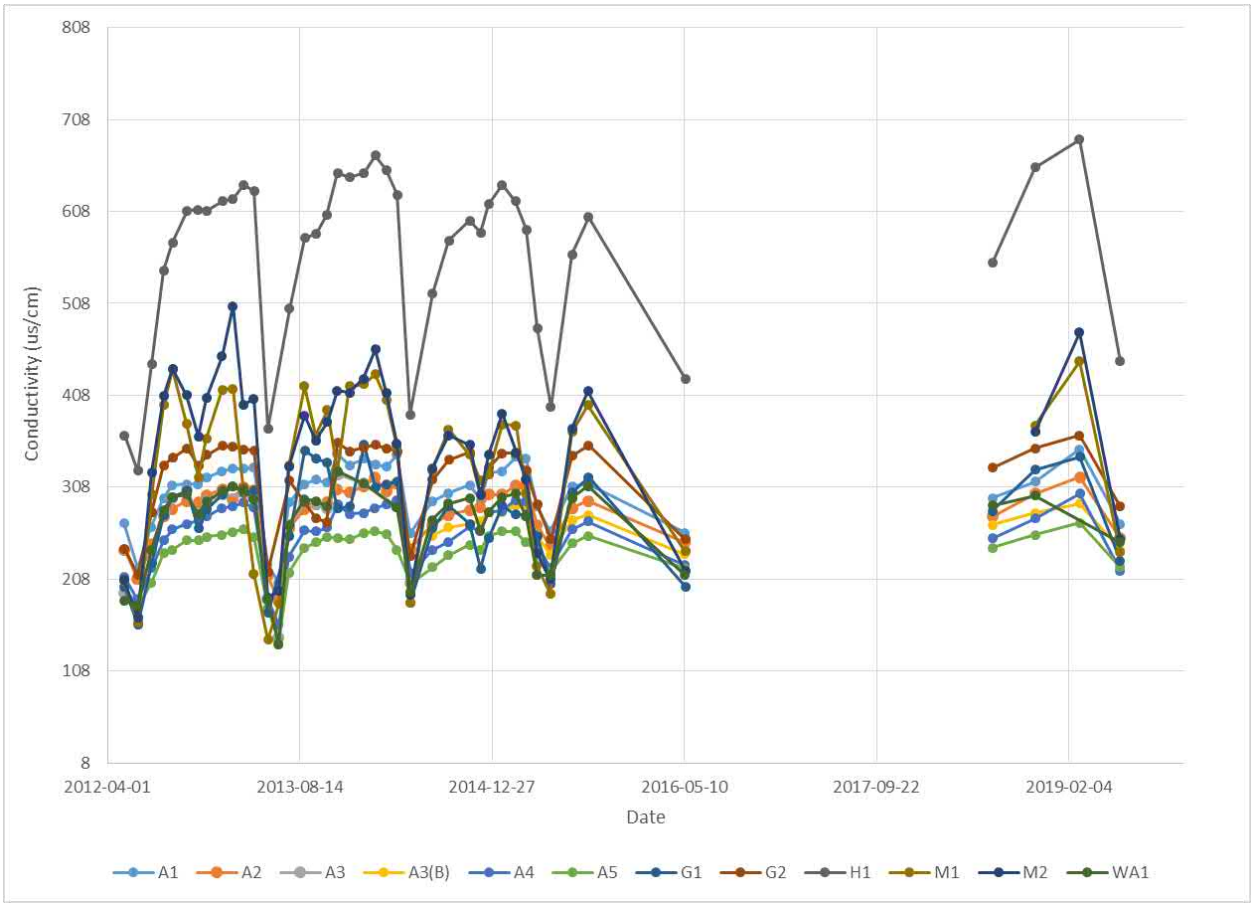

Figure 6: Conductivity results across LSA over time.

Turbidity field measurements at each of the sampling stations are illustrated in **Figure 7**. Turbidity is generally low across the LSA, however distinct peaks are observed during the spring freshet and wet winter months. Increased turbidity levels are expected during high flow periods. Turbidity was exceptionally high in June 2013 within the Alexander Creek watershed (stations A1, A2, A3, A5, M1, M2, WA1) compared to turbidity results from other sampling stations for the same period (turbidity ranged from 162 to 1,020 NTU). Significant precipitation and extreme flooding were recorded in the Elk Valley and across the region in June 2013, with declaration of a Local State of Emergency. Atypically high turbidity levels measured in June 2013 are attributed to this period of significant precipitation. High turbidity was also observed in May 2012 and May 2014, and are also attributed to significant precipitation events. Outside of these high precipitation events, typical turbidity levels range from 0.1 to 42.7 NTU across the LSA. The overall mean and median turbidity levels are 11.7 NTU and 0.4 NTU, respectively.

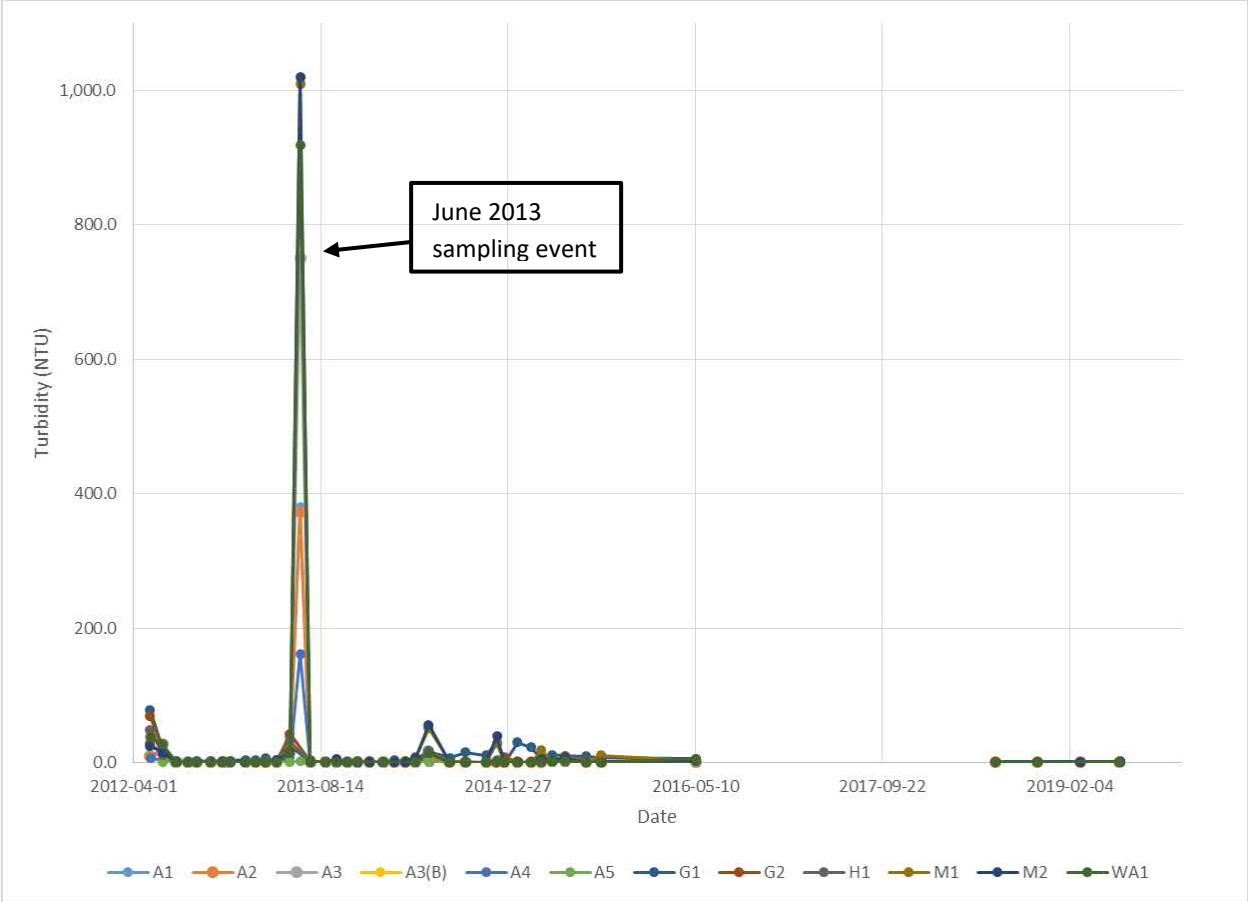

Figure 7: Turbidity levels across LSA over time.

Similar to turbidity, total suspended solids were found to be elevated during the spring freshet and wet winter months (**Figure 8**). Total suspended solids were also atypically high in June 2013 throughout the Alexander Creek watershed (ranging from 532 to 2,610 mg/L). Relatively small increases in total suspended solids occurred in May 2012 and May 2014. Otherwise, total suspended solids ranged from 1 to 167 mg/L. The overall mean and median total suspended solids levels are 23.2 mg/L and 1.4 mg/L, respectively.

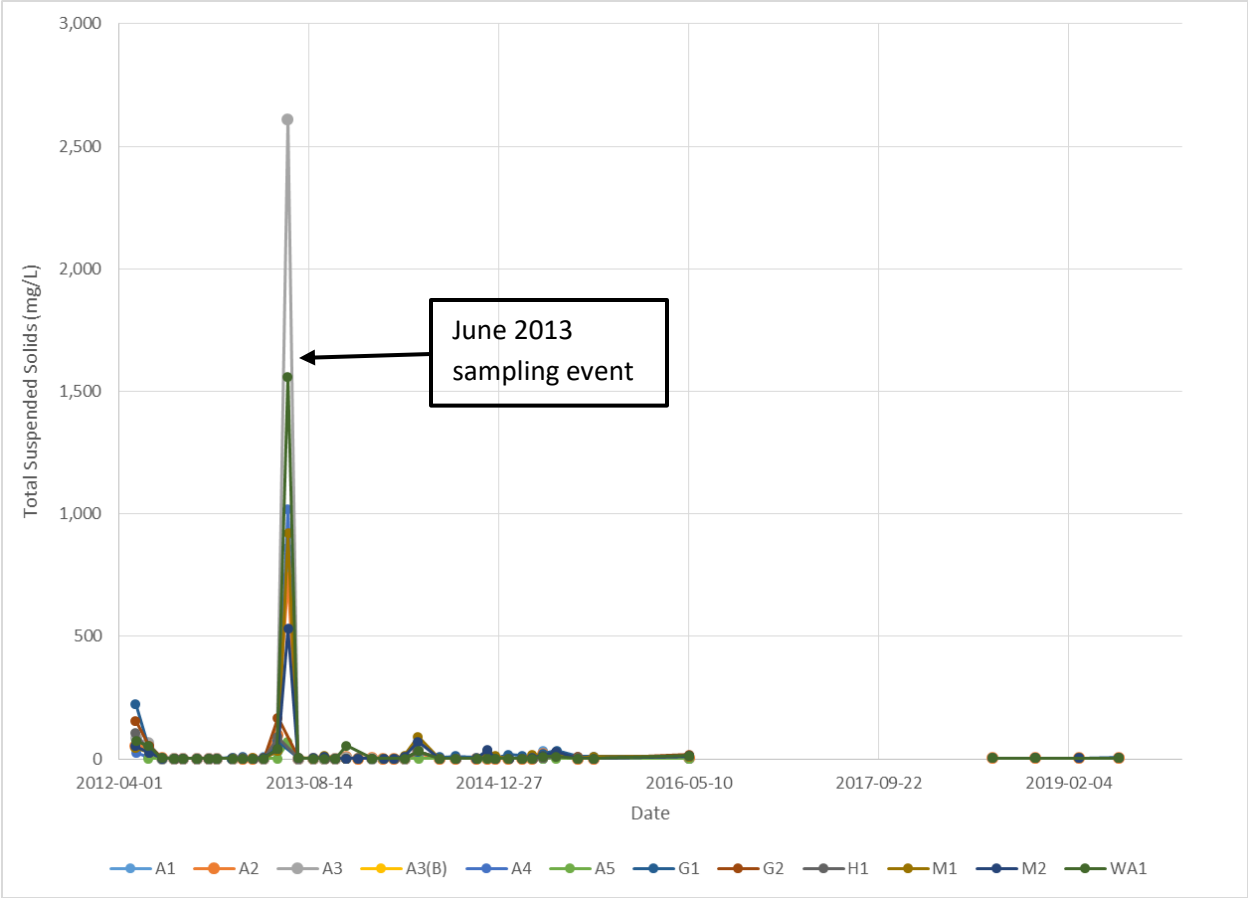

Figure 8: Total suspended solids levels across the LSA over time.

4.1.2 Anions and Nutrients

BC WQG and CWQG for ammonia are pH and temperature dependent and were calculated for each sample. Of 623 samples, six samples were found to exceed the CWQG (long term) and two samples exceeded the BC WQG (long term). Exceedances of the CWQG (long term) were identified during the July 2012 sampling round at A2, A3, and M1 within the Alexander Creek watershed and at G2 and H1 within the Grave Creek watershed. There was also an exceedance at station M1 in July 2014. These exceedances ranged from 0.26 to 0.97 mg/L compared to the overall mean and median ammonia concentration of 0.02 mg/L and 0.01 mg/L, respectively. Isolated exceedances of the BC WQG long term were identified during two sample events which occurred outside of 5-in-30 sample events. These exceedances were identified in surface water collected from H1 and M1 in July 2012. Exceedances of ammonia in surface water represent concentrations which are significantly higher compared to typical results for the LSA. As such, they can be considered isolated occurrences and are not interpreted to represent elevated baseline condition within the LSA.

The BC WQG short term for fluoride is dependent on water hardness; calculated guideline values ranged from 1.16 to 1.86 mg/L. The CWQG is fixed at 0.12 mg/L. A total of 483 samples were found to contain concentrations of fluoride in exceedance of the CWQG long term, and no exceedances of the BC WQG short term were identified (**Figure 9**). Exceedances of the CWQG for fluoride were consistently

identified at the majority of sampling stations, with the exception of stations A3 and G1 which had 4 and 5 exceedances of 57 samples, respectively. Throughout the LSA, the overall mean and median concentrations of fluoride are 0.152 mg/L and 0.140 mg/L, respectively. Both the mean and median concentrations for the LSA slightly exceed the CWQG guideline, as do the mean and median concentrations for A1, A2, A3(B), A4, A5, G2, H1, M1 and M2. Overall, fluoride concentrations appear to be lower during the spring freshet, and higher during the fall and winter seasons.

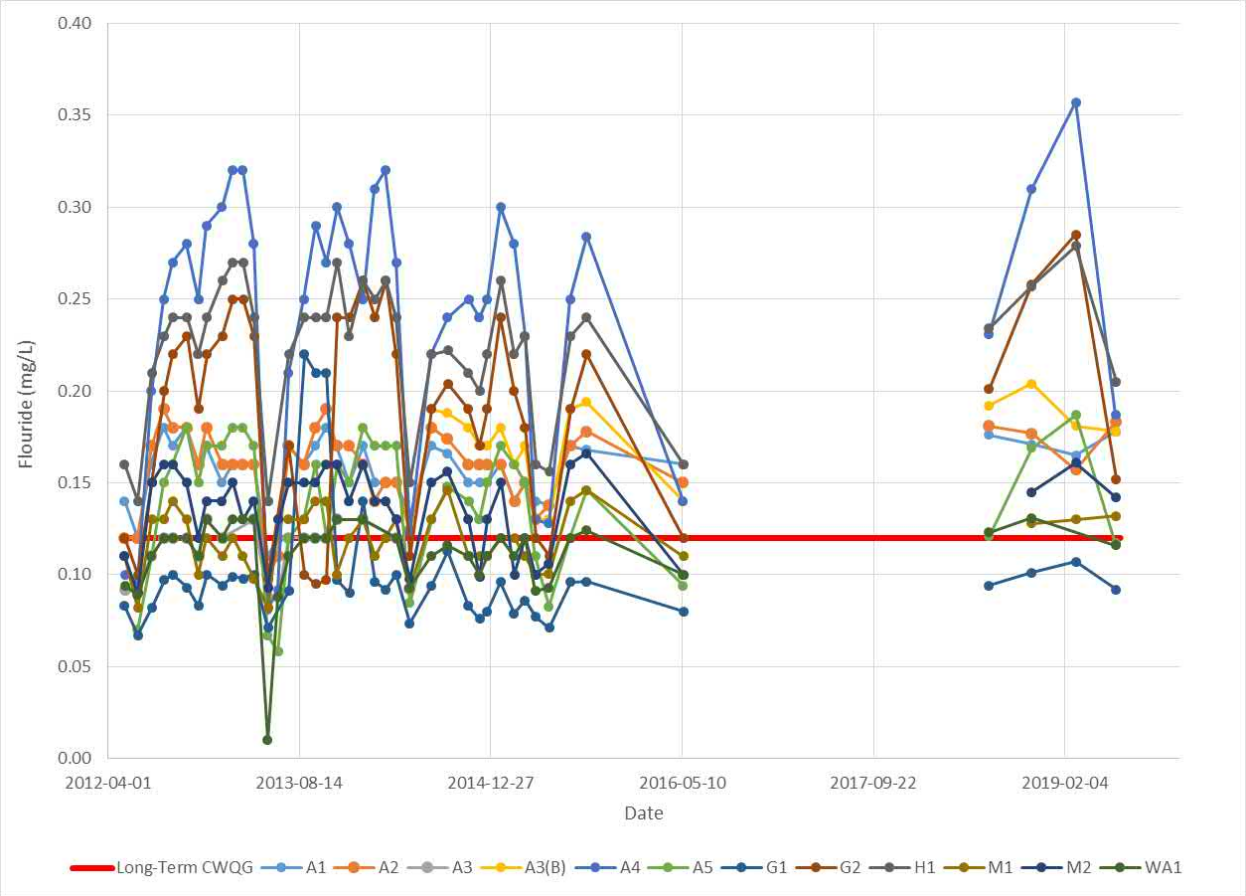

Figure 9: Fluoride concentrations across the LSA over time.

The BC WQG for nitrate (as N) is 32.8 mg/L for short term exposure and 3 mg/L for long term exposure. BC WQGs for long term exposure to nitrite (as N) are dependent on chloride concentrations. Nitrate (as N) is listed as one of the four Order constituent under the EVWQP. Analytical results for Nitrate (as N) have been compared to the EVWQP water quality targets in **Table 5**, and summary statistics are provided in **Table 6**. Exceedances of the BC WQG short term and long term, CWQG short term and long term and EVWQP water quality targets were not identified for the samples analyzed from the LSA.
 shows temporal trends for nitrate (as N) concentrations across the LSA over time. Concentrations appear to be higher in surface water within Michel Creek (M1, M2) and near the downstream limit of Grave Creek (H1) compared to the other sampling stations. Though exceedances were not identified, nitrate (as N) concentrations at these stations are generally significantly higher than the overall LSA median and mean concentrations. Stations M1, M2, and H1 are situated in known mine-affected reaches of Michel Creek and Grave Creek. Seasonally, nitrate (as N) concentrations generally appear to be lower during the spring freshet and higher during the fall and winter.

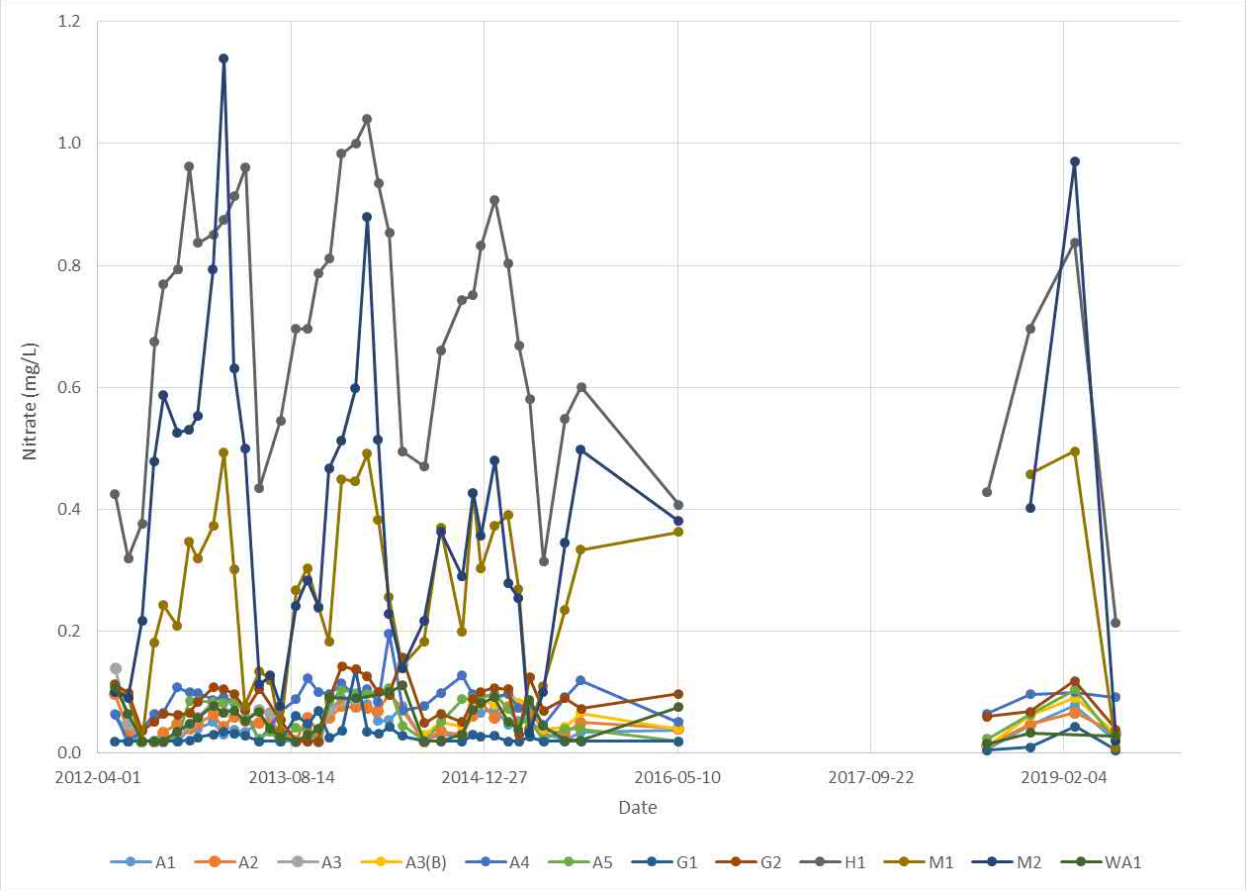

Figure 10: Nitrate (as N) concentrations across the LSA over time.

The BC WQG long term for dissolved sulphate (SO_4) are hardness dependent and vary for each sample, where the lower limit value is 128 mg/L and the upper limit value is > 429 mg/L. Analytical results from 2012 to 2016 are for dissolved sulphate, and results from 2018 and 2019 are for total sulphate. Exceedances of the BC WQG long term were not identified in surface water samples collected from the LSA. As seen in **Figure 11**, concentrations appear to be higher at stations M1, M2, and H1 compared to other sampling stations. Elevated sulphate concentrations in surface water collected from these stations may be associated with mine impacts within Michel Creek and Grave Creek. Seasonally, sulphate concentrations are generally lower during the spring freshet and higher during the fall and winter months.

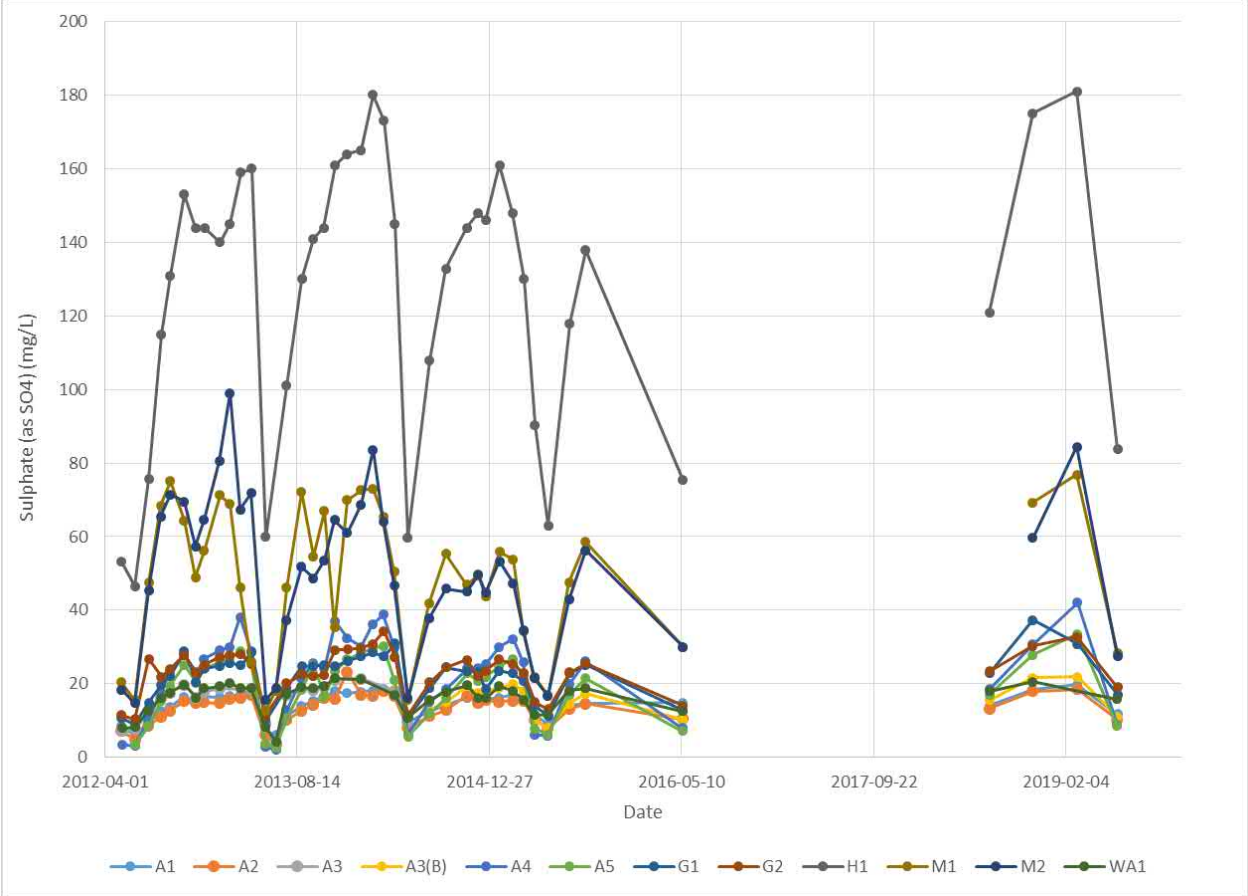

Figure 11: Dissolved/total sulphate (as SO_4) concentrations across the LSA over time.

4.1.3 Organic Carbon

BC WQG and CWQG are not available for total and dissolved organic carbon. Since concentrations are similar for total and dissolved organic carbon, only total organic carbon was plotted (**Figure 12**). Total organic carbon generally varies between 0.5 mg/L and 3 mg/L but was distinctly elevated in June 2013, May 2014, November 2014 and April 2015 across the LSA. Elevated dissolved organic carbon concentrations are interpreted to be associated with high-magnitude precipitation events. Seasonally, organic carbon concentrations generally tend to increase during the spring freshet and are lower during fall and winter months.

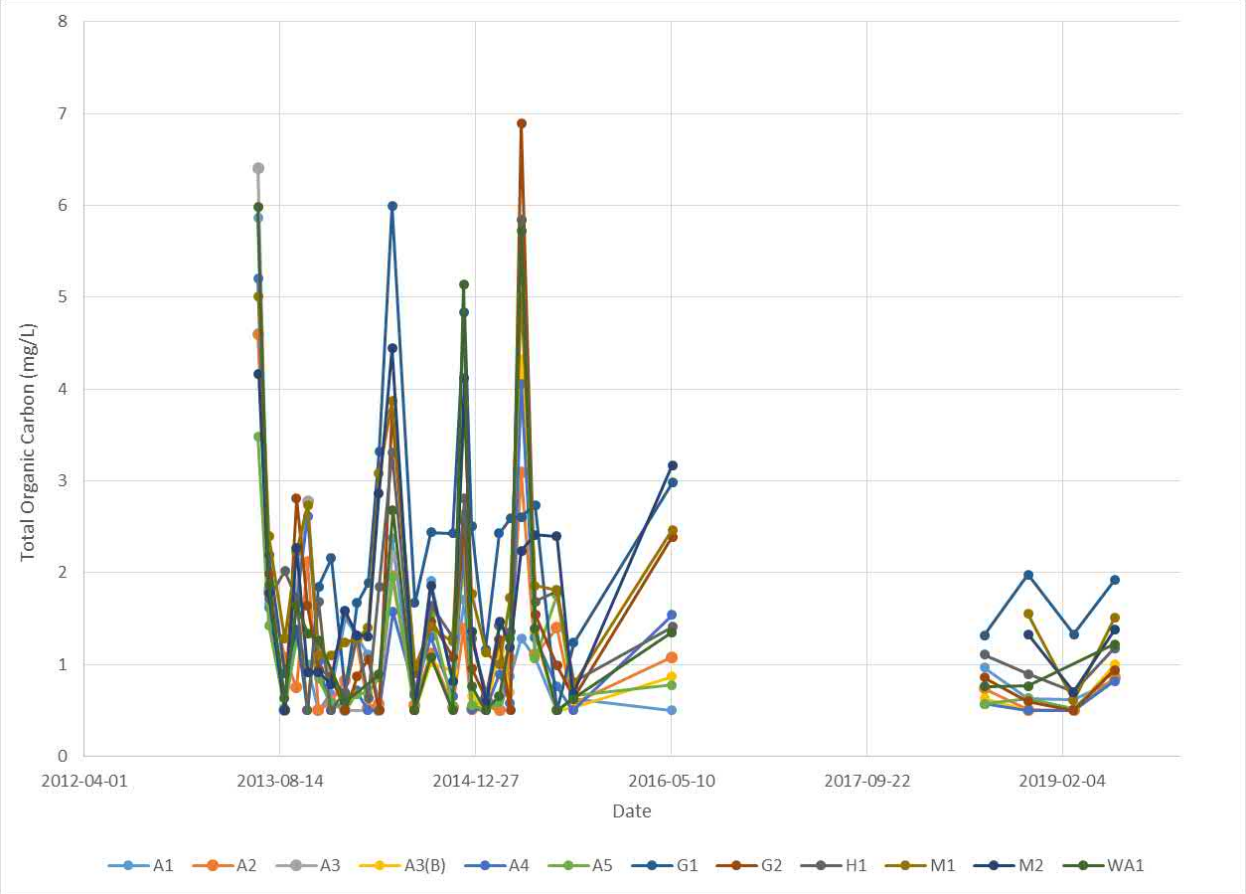

Figure 12: Total organic carbon concentrations across the LSA over time.

4.1.4 Metals

The CWQG long term for total aluminum is 100 µg/L (with the exception of one sample with a field pH measurement below 6.5 and therefore a calculated sample-specific guideline is applicable). Of 623 samples, 126 exceedances of the CWQG long term for total aluminum were identified. Exceedances were reported at each of the sampling stations, though fewer (i.e., <10% exceedances) were identified at stations A3(B), A4, and A5. Elevated concentrations of total aluminum were identified in surface water collected from each of the stations within the Alexander Creek watershed (i.e., stations A1, A2, A3, A4, M1, M2, and WA1) during the June 2013 high-magnitude precipitation event (**Figure 13**). Seasonally, total aluminum concentrations generally appear to be higher during the spring freshet and higher flow periods; this may be associated with terrestrial runoff caused by snowmelt.

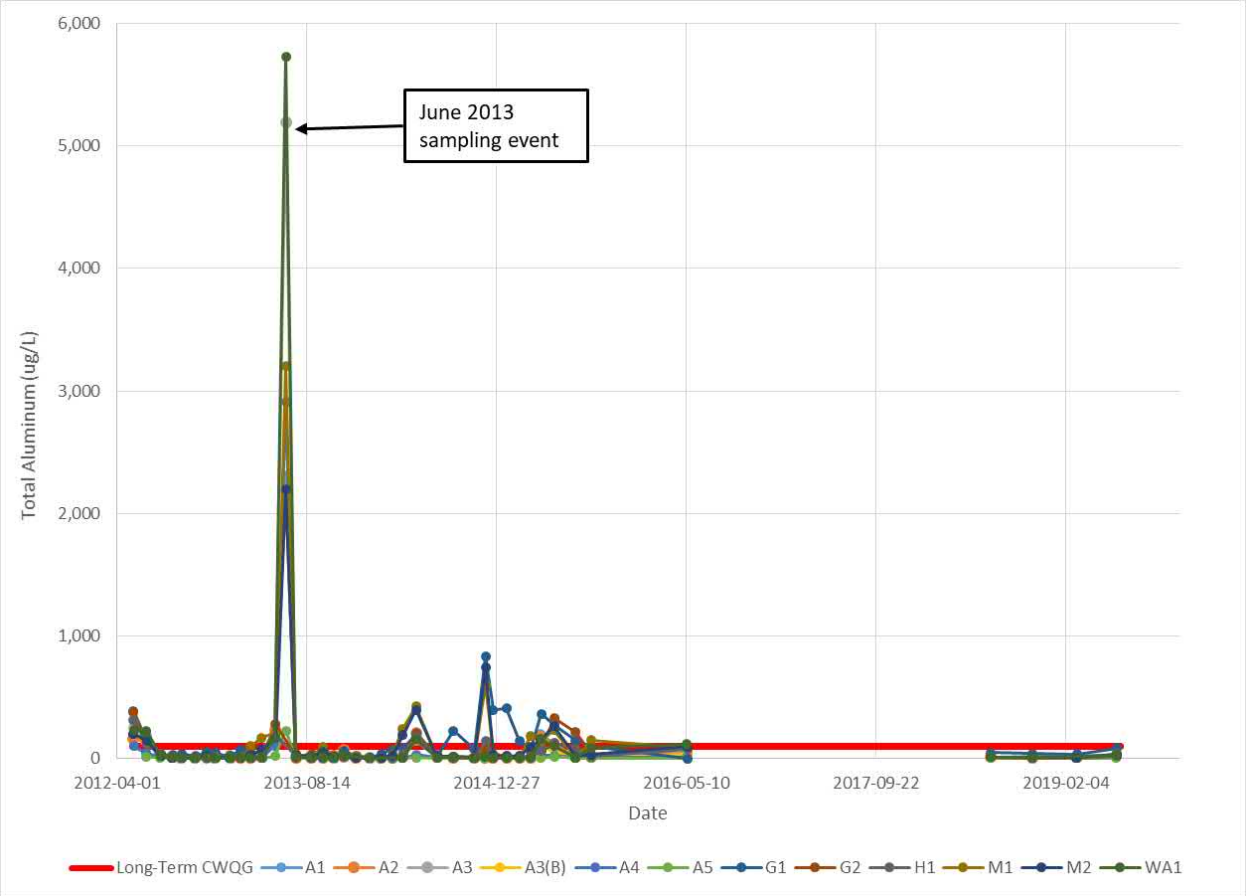

Figure 13: Total aluminum concentrations across the LSA over time.

The short term BC WQG for dissolved aluminum is 100 µg/L and the long term BC WQG is 50 µg/L (with the exception of one sample with a field pH measurement below 6.5 and therefore a calculated sample-specific guideline is applicable). One exceedance of the short term BC WQG was identified in surface water collected from station M2 in November 2014 (358 µg/L). This exceedance is an isolate event and is not considered to represent elevated background conditions in the LSA. The BC WQG long term has

been applied to discrete and average 5-in-30 sample results. Several samples were found to exceed the BC WQG long term; M2 in November 2014, and G2 (80 µg/L) and H1 (66.9 µg/L) in November 2018. One discrete sample collected from A3 in June 2014 (53.6 µg/L) was found to exceed the BC WQG long term, however the averaged 5-in-30 result was below the calculated guideline. Dissolved aluminum results are illustrated in **Figure 14**, and tend to follow similar seasonal trends to total aluminum, with elevated concentrations occurring during the spring freshet and high flow periods.

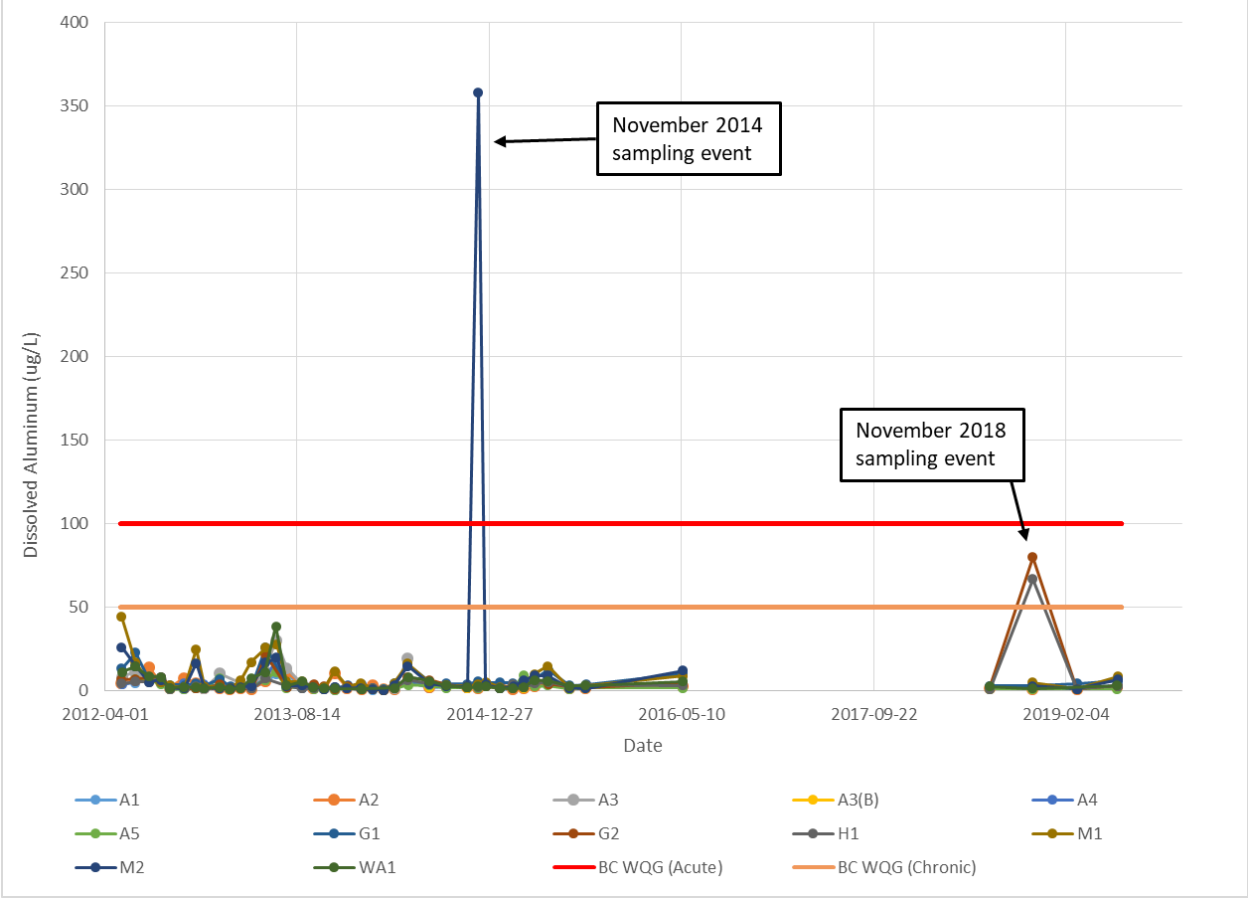

Figure 14: Dissolved aluminum concentrations across the LSA over time.

Barium has a BC WQG working guideline of 1,000 µg/L. Of 623 samples, one sample collected from station WA1 in June 2013 (1,070 µg/L) was found to exceed the BC WQG for total barium. Median concentrations of total barium are equal to or less than 110 µg/L for each of the sample stations in the LSA, including the median concentration for WA1 (87 µg/L). Therefore, the identified total barium exceedances is considered an isolated occurrence and can be attributed to the June 2013 extreme precipitation event. As such, this exceedance is not interpreted to represent elevated baseline concentrations of barium within the LSA. Exceedances of dissolved barium were not identified for the samples analyzed.

Total beryllium has a BC WQG short term guideline value of 0.13 µg/L. Nine exceedances of the guideline were identified at various stations across the LSA (**Figure 15**). Seven exceedances occurred during the June 2013 sampling event, at stations located within the Alexander Creek watershed (i.e., stations A1, A2, A3, A4, M1, M2 and WA1). Concentrations of total beryllium associated with this period of high-magnitude precipitation ranged from 0.467 to 1.5 µg/L. The remaining two exceedances occurred in May 2014 at stations M1 and M2, during the intensive 5-in-30 sampling event (0.251 µg/L and 0.217 µg/L, respectively). May 2014 is also considered a period of high-flow volume and significant precipitation. The overall mean and median concentration of total beryllium for samples collected from across the LSA are 0.01 µg/L and 0.03 µg/L, respectively. The identified exceedances are attributed to exceptionally high precipitation events in June 2013 and May 2014 and are not interpreted to represent typical baseline conditions in the LSA. Concentrations of dissolved beryllium were not identified in exceedance of the applicable guidelines for the samples tested.

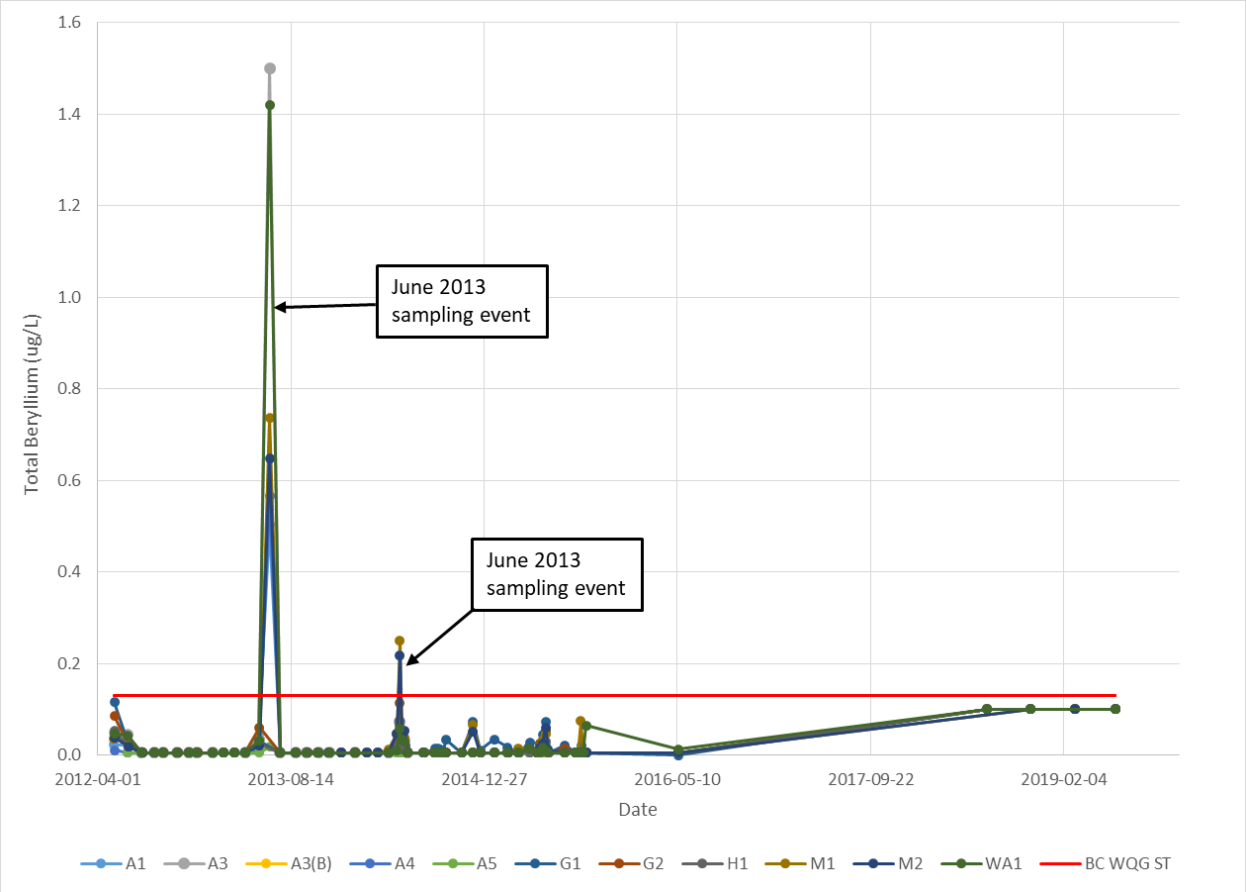

Figure 15: Total beryllium concentrations across the LSA over time.

The CWQG short term for total cadmium varies per sample and ranges from 0.11 µg/L to 7.7 µg/L based on water hardness. The CWQG long term is also based on water hardness and ranges from 0.04 µg/L to 0.37 µg/L. Cadmium is considered one of the four Order constituent as per the EVWQP. Total cadmium concentrations which exceed the EVWQP target are summarized in **Table 5**, and summary statistics for

total cadmium are provided in **Table 6**. Nine exceedances of the CWQG long term for total cadmium were identified in surface water samples collected from across the LSA, ranging in concentration from 0.714 µg/L to 2.72 µg/L. Analytical results for total cadmium are illustrated in **Figure 16**. Seven of nine exceedances occurred within the Alexander Creek watershed during the June 2013 sampling round. Two exceedances occurred in the May 2014 sampling round at stations M1 and M2. Similar to exceedances of total beryllium, these elevated concentrations are associated with high flow volumes and significant precipitation events. Samples with water hardness above the guideline range of 250 mg/L were compared to the maximum guideline values (none of which were found to exceed the guideline). Throughout the LSA, the median and mean concentrations for total cadmium are 0.01 µg/L and 0.05 µg/L, respectively. Generally, total cadmium concentrations appear to be higher during the spring freshet and high-flow periods compared to other times of the year.

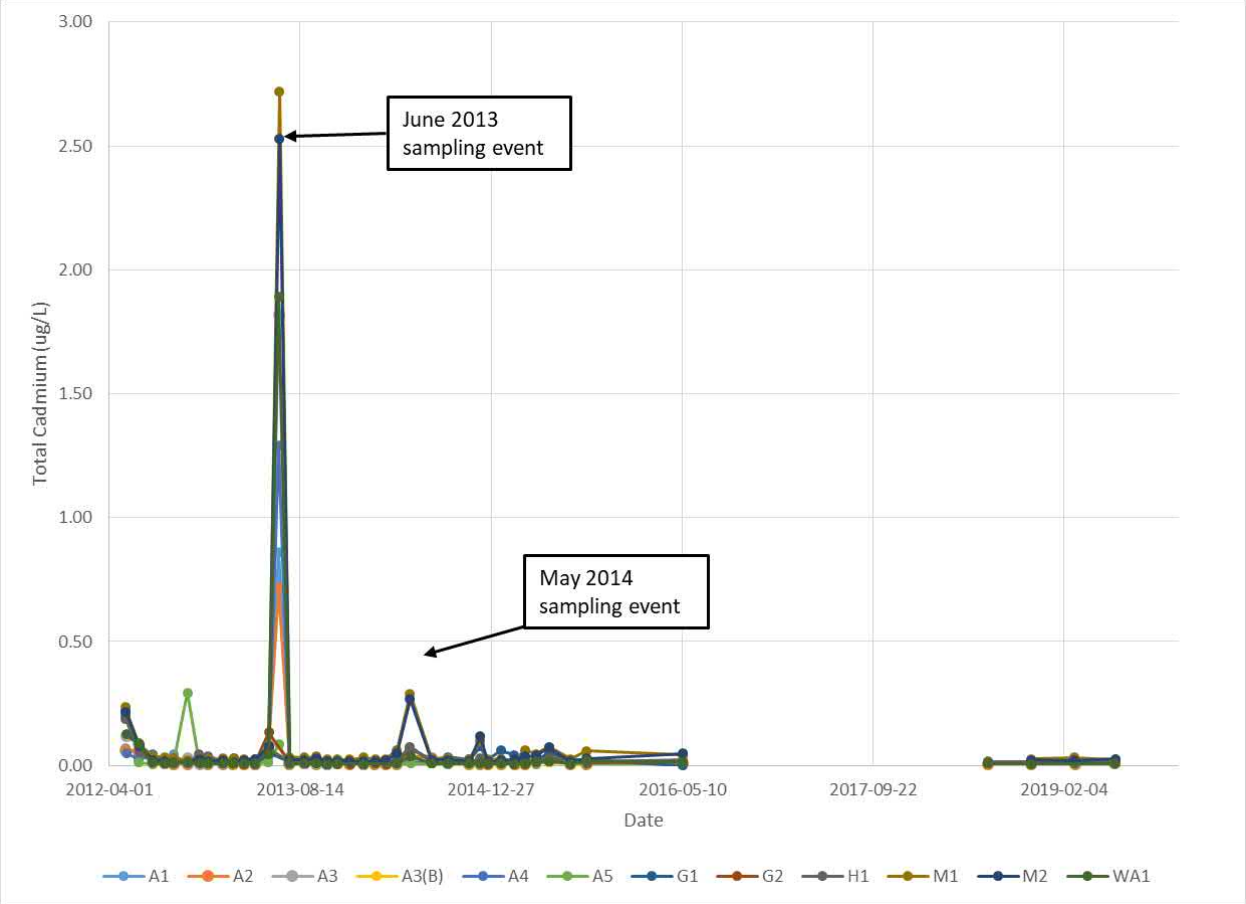

Figure 16: Total cadmium concentrations across the LSA over time.

Short term and long term BC WQG for dissolved cadmium are hardness dependent and vary per sample. Calculated long term BC WQG values for the samples collected from the LSA ranged from 0.153 µg/L to 0.457 µg/L. Calculated short term BC WQG values ranged from 0.373 µg/L to 2.8 µg/L. Exceedances of the BC WQG for dissolved cadmium were not identified for the samples tested across the LSA. However,

increased concentrations can be observed in surface water collected from station M2 in November 2014 (**Figure 17**). Overall, total and dissolved cadmium concentrations appear to be higher at Michel Creek (M1, M2) as compared to the other sampling stations. Throughout the LSA, median and mean concentrations for dissolved cadmium for each of the sampling stations are 0.01 µg/L and 0.01 µg/L, respectively. No distinct seasonal trends are observed from the graph in **Figure 17**, below.

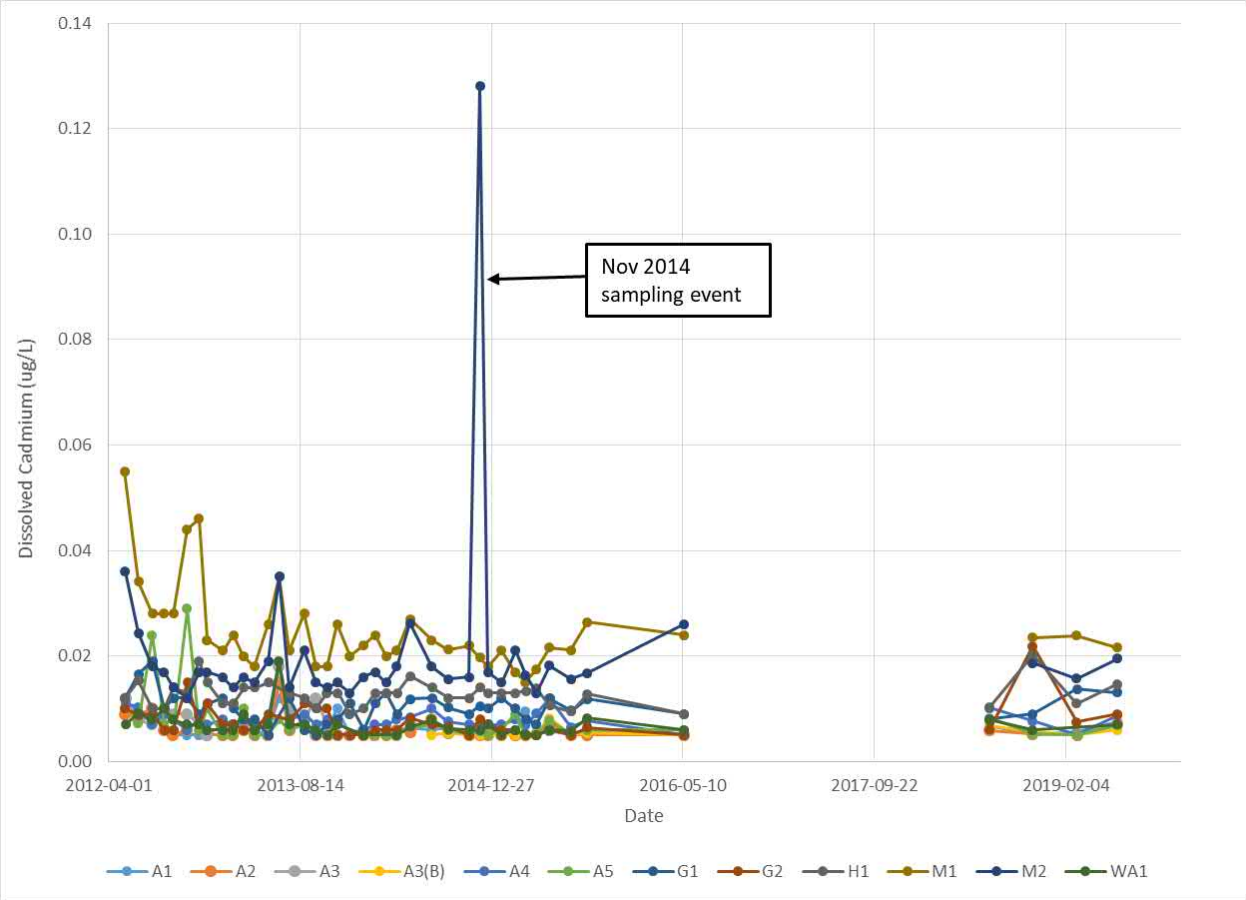

Figure 17: Dissolved cadmium concentrations across the LSA over time.

The BC WQG long term (4 µg/L) and the BC WQG short term (110 µg/L) have been compared to sample results for total cobalt. The Several sample locations were found to exceed the long term guideline during the June 2013 extreme precipitation event; A1 (10.2 µg/L), A2 (5.11 µg/L), A3 (19.4 µg/L), A4 (7.19 µg/L), M1 (7.24 µg/L), M2 (6.12 µg/L) and WA1 (20.6 µg/L). As these elevated cobalt concentrations are attributed to severe precipitation and flooding, and have not been otherwise identified in surface water samples collected from the LSA, they are not interpreted to represent elevated baseline conditions.

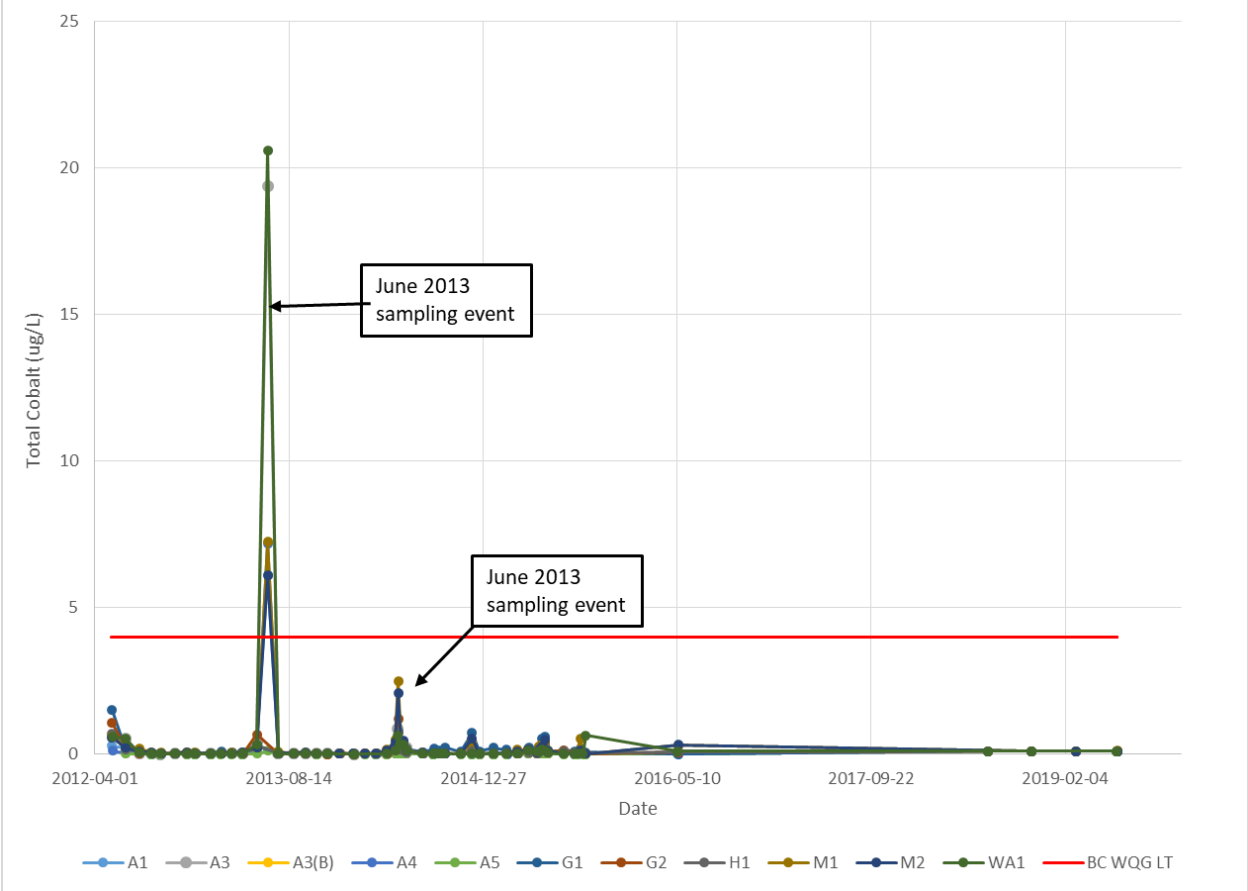

Figure 18: Total cobalt concentrations across the LSA over time.

The CWQG for total copper varies per sample and range from 2.0 µg/L to 4.0 µg/L based on water hardness (**Figure 19**). Sixteen surface water samples were found to contain concentrations of total copper in exceedance of the long term CWQG, the majority of which occurred within the Alexander Creek watershed during the high-precipitation June 2013 sampling event. Median and mean concentrations of total copper for samples collected from across the LSA are 0.28 µg/L and 0.67 µg/L, respectively. In general, variability of concentrations of total copper are generally low, and distinct seasonal trends have not been identified.

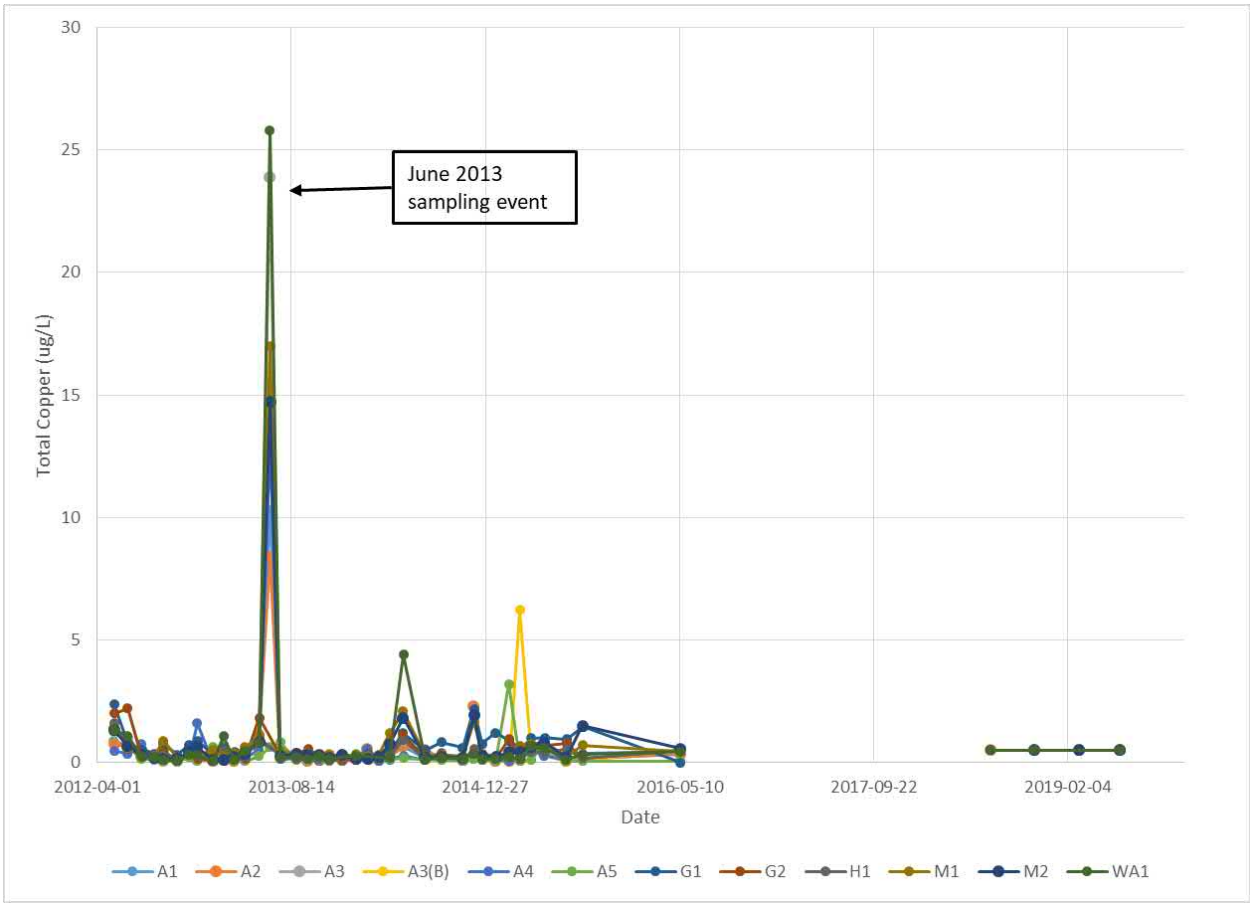

Figure 19: Total copper concentrations across the LSA over time.

The BC WQG short term and long term for dissolved copper are pH, temperature, water hardness, and dissolved organic carbon dependent and were calculated using the BC BLM software. Calculated short term guideline values for the samples analyzed over the course of the program ranged from range from 1.7 µg/L to 19.5 µg/L and long term values ranged from 0.3 µg/L to 3.2 µg/L. Temporal trends are illustrated in **Figure 20**. Four dissolved copper samples exceeded BC WQG short term and 21 samples exceeded BC WQG long term; two samples collected from A1 and one sample each from H1 and WA1. Dissolved copper concentrations from one or more discrete results from intensive 5-in-30 sampling events collected from stations A1, A2, A3, A3(B), A4, G1, G2, H1, M1, M2 and WA1 were found to exceed the BC WQG long term, and of these, averaged results were found to exceed from A1 (Aug/Sept 2015), A3 (May/Jun 2014), G2 (Aug/Sept 2014) and H1 (Aug/Sept 2015). A summary of the exceedances of the BC WQG long term is provided in **Table 4.** In addition, several other sample results which are not associated with 5-in-30 sampling were found to exceed the BC WQG long term. These include two events from A1 (April and December 2014), one event from A2 (April 2014), three events from A4 (September 2012, February 2014 and March 2015), two events from A5 (July 2012 and February 2014), three events from G2 (May and August 2013, and November 2018), one event from M1 (May 2013), two events from M2 (May 2013 and February 2015) and one event from WA1 (May 2012). Median and mean concentrations for dissolved copper for the samples collected from across the LSA are 0.20 µg/L and

0.31 µg/L, respectively. The variability of dissolved copper concentrations are generally low with no distinct seasonal trends.

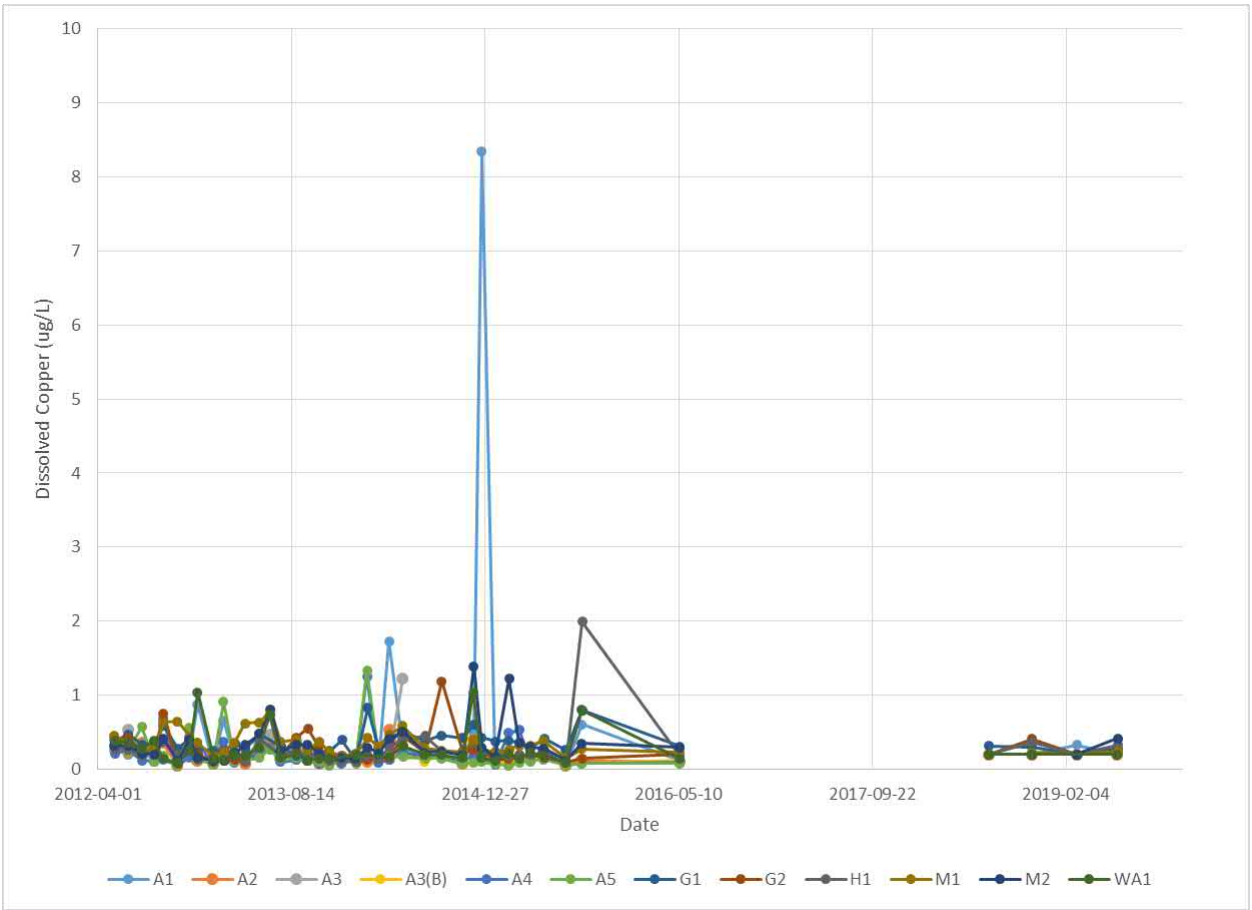

Figure 20: Dissolved copper concentrations across the LSA over time.

The short term BC WQG for total iron is 1,000 µg/L and the long term CWQG is 300 µg/L. A total of 15 short term BC WQG exceedances and 65 long term CWQG exceedances were identified (**Figure 21**). The majority of total iron concentration exceedances of the CWQG occurred during May through July 2012, May 2013, May-July 2014, November 2014, and April through May 2015. In general, total iron concentrations appear to be higher during the spring freshet season and lower during drier periods. Mean and median concentration for total iron for the samples collected from across the LSA are 172.43 µg/L and 19.40 µg/L, respectively. The BC WQG short term for dissolved iron is 350 µg/L and long term CWQG is 300 µg/L. Three exceedances of the short term BC WQG and long term CWQG were identified for dissolved iron, two of which occurred in November 2018 at stations G2 and H1. The third exceedance occurred in November 2014 at station M2. No distinct temporal trends have been identified for dissolved iron.

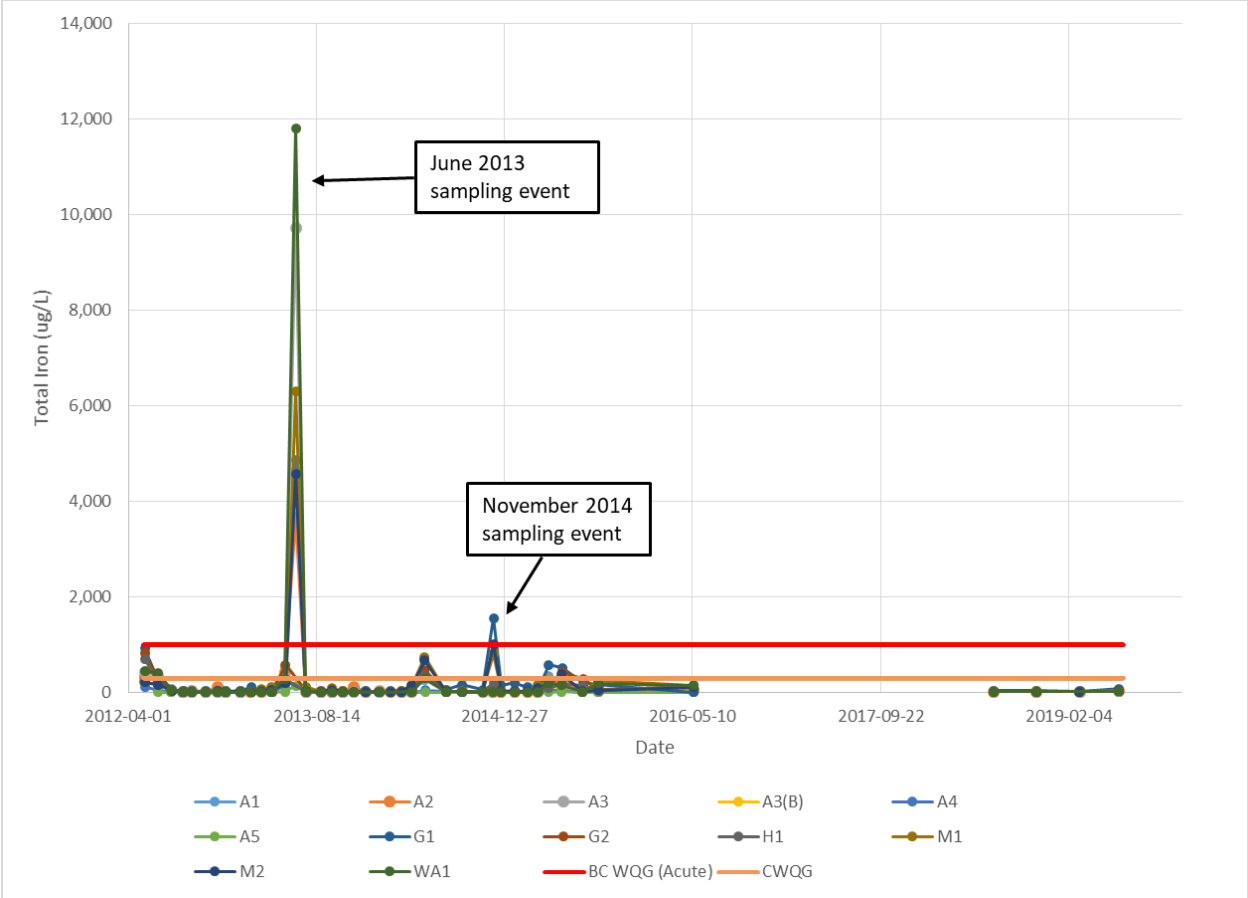

Figure 21: Total iron concentrations across the LSA over time.

The CWQG long term and BC WQG short term and long term for total lead are hardness dependent and vary for each sample. The CWQG long term ranges from 1 µg/L to 7 µg/L, and the BC WQG short term is 3 µg/L and the long term ranges from 5.12 µg/L to 19.57 µg/L for samples with water hardness > 8 mg/L $CaCO_3$. A total of nine exceedances of the BC WQG long term and CWQG short term were identified in surface water samples collected from A1, A2, A3, A4, M1, M2 and WA1 for total lead (**Figure 22**). Each of the BC WQG exceedances occurred within the Alexander Creek watershed during the June 2013 extreme precipitation event. Two additional CWQG exceedances occurred at stations M1 and M2 during the May 2014 precipitation event. In general, total lead concentrations appear to be higher during the spring freshet and lower during lower flow periods.

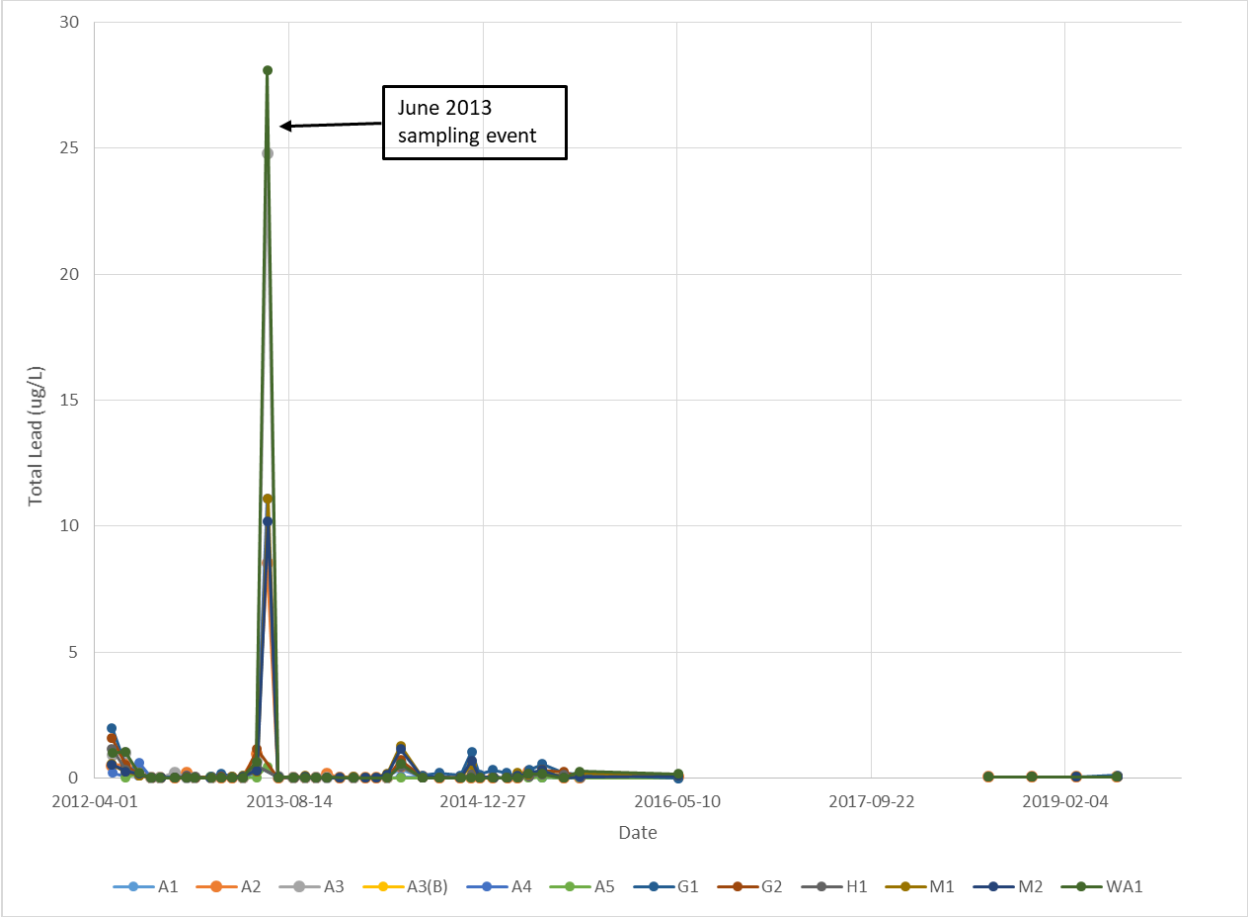

Figure 22: Total lead concentrations across the LSA over time.

The BC WQG short term and long term for total manganese are water hardness dependent and vary per sample. Two exceedances of the BC WQG short term and long term were identified; stations A3 and WA1 during the June 2013 event. As these elevated manganese concentrations are associated with extreme precipitation, these are unlikely to represent elevated baseline conditions in the LSA.

The long term and short term BC WQG for total selenium is 2 µg/L and the long term CWQG is 1 µg/L. No guideline values for dissolved selenium are provided in the BC WQG or CWQG. The Companion Document to: Ambient Water Quality Guidelines for Selenium Update (BC MOE, 2014) provides updated WQGs for selenium in water for the protection of aquatic life. For water, the guideline value of 2 µg/L can be compared to the averaged 5-in-30 intensive sampling results. In addition, an alert value of 1 µg/L, which is equivalent to the long term CWQG, can be compared to the analytical results. A total of 118 BC WQG long term and 246 CWQG long term exceedances for total selenium were identified over the sampling period (**Figure 23**). The majority of these exceedances occurred in surface water samples collected from stations G2, H1, A5, M1 and M2, and exceedances of the BC WQG long term were also identified at station A3. Selenium concentrations in each of 57 samples collected from H1 were found to exceed the BC WQG short term. The majority of samples collected from station M2 also exceeded the

applicable guidelines. Median and mean concentrations for total selenium for samples collected from across the LSA are 0.067 µg/L and 2.83 µg/L, respectively. Averaged results from the 5-in-30 events which exceeded the BC WQG long term were identified in each of the intensive events from H1 and two of four events from M2.

Five-in-30 sample results are summarized in **Table 4**. Generally, and in contrast to other metals, total selenium concentrations appear to be lower during the spring freshet and higher during drier periods.

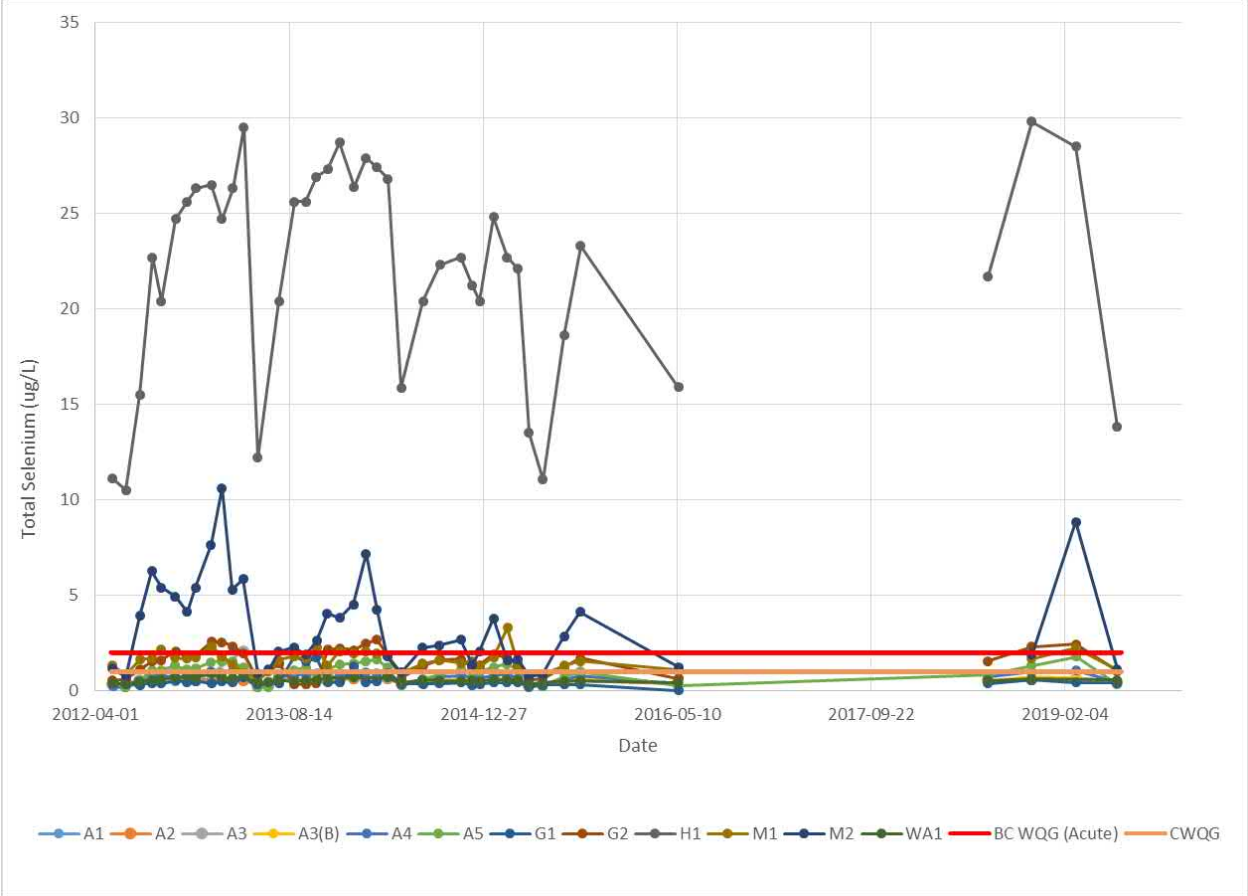

Figure 23: Total selenium concentrations across the LSA over time.

The BC WQG short term and long term for total silver are dependent on water hardness; samples with water hardness <100 mg/L have a long term comparison value of 0.05 µg/L and a short term value of 0.1 µg/L, and samples with water hardness >100 mg/L have a long term comparison value of 1.5 µg/L and a short term value of 3.0 µg/L. The CWQG long term is 0.25 µg/L. Two exceedances of the BC WQG short term and four exceedances of the BC WQG long term were identified across the LSA. The concentrations of total silver exceeded both the short term and long term BC WQG at stations M1 and M2 in May 2014 during the high-flow intensive sampling period, however the averaged results were compliant with the guideline. Slight exceedances of the BC WQG long term also occurred in June 2013 at stations M2 and

WA1. Overall, concentrations of silver in surface water are compliant with CWQG long term and are generally compliant with the BC WQG for short term and long term exposure.
BC WQG short term and long term for total zinc are hardness dependent and CWQG short term and long term for dissolved zinc are hardness, pH, and dissolved organic carbon dependent. The calculated BC WQG short term values which were calculated for the samples analyzed during this program ranged from 33 µg/L to 242.25 µg/L and the long term range from 7.5 to 216.75 µg/L. The calculated CWQG short term values ranged from 28.05 µg/L to 183.17 µg/L and the long term values ranged from 6.97 µg/L to 35.04 µg/L. A total of seven exceedances of the BC WQG short term, and nine exceedances of the BC WQG long term were identified for total zinc (**Figure 24**). The exceedances of the BC WQG short term occurred during the June 2013 extreme precipitation event within the Alexander Creek watershed. Two of the nine identified exceedances of the BC WQG long term occurred at stations M1 and M2 during the May 2014 high-flow intensive sampling period; once averaged, results were compliant with the long term guideline. Total zinc concentrations were below the laboratory reportable detection limit (3 µg/L) during the 2018 and 2019 sampling events. Seasonal trends for total zinc concentrations have not been identified for the LSA over time.

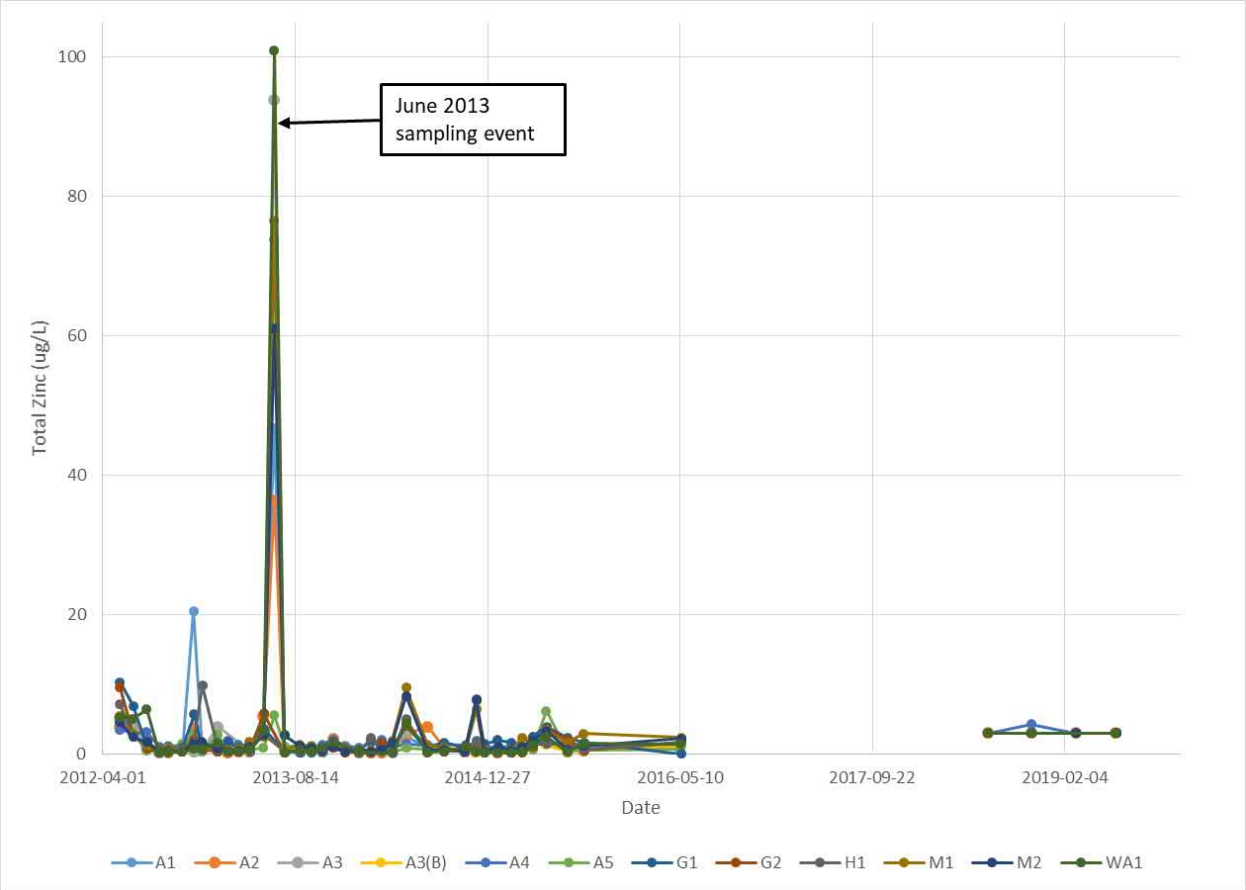

Figure 24: Total zinc concentrations across the LSA over time.

4.1.5 Polycyclic Aromatic Hydrocarbons

The following PAHs were analyzed in the surface water samples:

- 1-Methylnaphthalene
- 2-Methylnaphthalene
- Acenaphthene;
- Acenaphthylene;
- Acridine;
- Anthracene;
- Benzo(a)anthracene;
- Benzo(a)pyrene;
- Benzo(b,j,k)fluoranthene;
- Benzo(g,h,i)perylene;
- Chrysene;
- Dibenz(a,h)anthracene;
- Fluoranthene;
- Fluorene;
- Indeno(1,2,3-c,d)pyrene;
- Naphthalene;
- Phenanthrene;
- Pyrene; and
- Quinoline.

Concentrations of PAH parameters were found to be below the BC WQG short term and long term and CWQG short term and long term for the parameters tested for the sampling stations across the LSA. Generally speaking, analytical results are below laboratory reportable detection limits. Each of the laboratory reportable detection limits are below the respective guideline values.

4.1.6 Summary

With the exception of fluoride, aluminum, dissolved copper, iron, and selenium, the majority of guideline exceedances occurred during two specific sampling events: June 2013 and May 2014. In general, exceedances from the June 2013 sampling round were identified at stations within the Alexander Creek watershed, and exceedances from the May 2014 sampling round were identified at stations M1 and M2. As such, many of the isolated exceedances identified during these events are attributed to high precipitation events and are not considered reflective of typical baseline conditions for the LSA.

Exceedances of the CWQG long term were consistently identified at each of the sampling stations (with the exception of A5 and G1). CWQG long term exceedances of total aluminum were reported at each of the sampling stations, though fewer were identified within the upper reach of Alexander Creek (i.e., stations A5, A4, and A3(B)). Four dissolved copper samples were found to exceed the BC WQG short term and 27 samples exceeded the BC WQG long term; no distinct seasonal or trends were identified.

Total iron concentrations exceeded the CWQG long term at the majority of sampling stations during specific sampling rounds; elevated concentrations of total iron may be associated with spring freshet periods. Concentrations of selenium and numerous exceedances of the BC WQG short term and long term and CWQG long term were identified in surface water from the LSA, with the majority occurring in sampled collected from stations G2, H1, A5, M1 and M2. Each of the samples collected from H1 and the majority of samples collected from M2 exceeded one or more guidelines for selenium in surface water.

Several parameters in the surface waters of the LSA were found to consistently exceed the applicable guidelines and have therefore been identified as key parameters: fluoride, aluminum, dissolved copper, iron, and selenium. These and other select parameters are discussed with respect to their spatial distribution in **Section 4.2**.

4.2 Spatial Analysis

Bar charts and box plots have been generated to visualize the distribution and variability of the analytical data set and may illustrate spatial trends. Box plots show the 25th and 75th quartiles, where the midpoint indicates the median value and error bars indicate the deviation (mean - minimum and maximum – mean) for each population. Error! Reference source not found.

Median concentrations of the key parameters with higher frequency of exceedances (i.e., fluoride, aluminum, dissolved copper, iron and selenium) are presented in **Figure 25** and **Figure 26** in order of surface water flow pathway. Median concentrations of aluminum and iron are below the CWQG long term. Median fluoride concentrations exceed the CWQG long term of 120 µg/L at each of the sampling stations with the exception of stations WA1 and G1. Median selenium concentrations exceed the CWQG long term of 1 µg/L at stations M1, M2, G2 and H1.

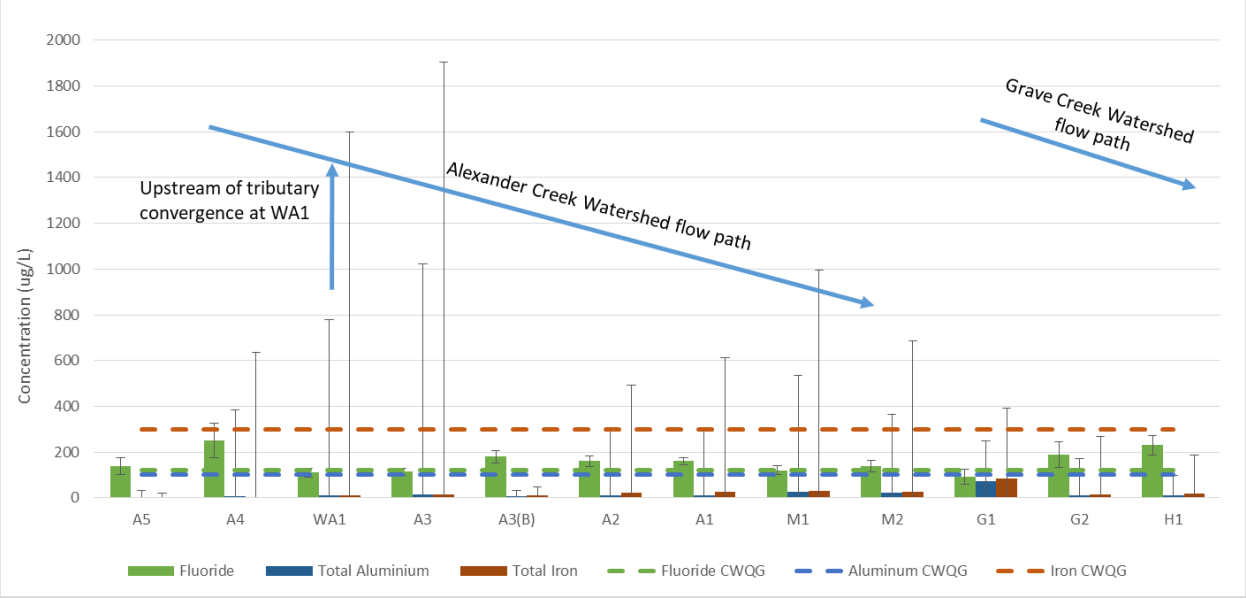

Figure 25: Median concentrations of fluoride, total aluminum and total iron at select sampling stations

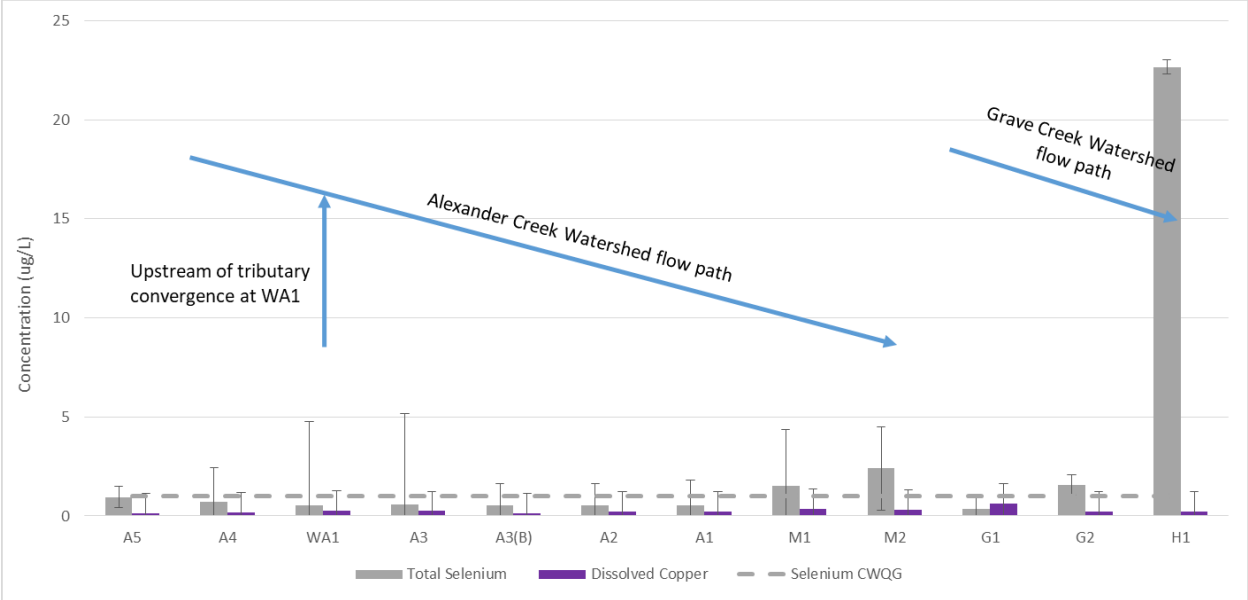

Figure 26: Median concentrations of total selenium and dissolved copper at select sampling stations

A slight increase in selenium concentrations can be seen as surface water travels from the headwaters of Alexander Creek at A5 downstream to Michel Creek at M1and M2. The same occurs within the Grave Creek watershed, however a dramatic increase in selenium concentrations in surface water is observed between G2 and H1. Concentrations of aluminum and iron show a slight decreasing trend from the headwaters of Alexander Creek at A5 to A2, however concentrations are higher at A1, M1, and M2. No distinct spatial trends for fluoride, aluminum or copper are observed for the Alexander/Michel Creek and Grave/Harmer Creek watersheds.

4.2.1 Alexander Creek and Michel Creek

The Alexander Creek watershed includes Alexander Creek and West Alexander Creek and these flow into Michel Creek which is in the Michel Creek watershed. Sampling stations are situated in the following order of surface water flow pathway from the most upstream to the downstream limit: A5, A4, WA1, A3, A3(B), A2, A1, M1, and M2.

Box plots for fluoride, aluminum, copper, iron, and selenium within the Alexander Creek and Michel Creek watershed are presented in **Figure 27** to **Figure 31**. Error bars which are beyond the scale of the y-axis of the graphs are associated with atypical precipitation events (e.g., June 2013 and May 2014), and as such are not interpreted to represent baseline conditions in the LSA. Spatially, selenium concentrations are generally higher at Michel Creek (M1 and M2) compared to the other sampling stations; this may be attributed by nearby mining activities. Median selenium concentrations appear to decrease and median iron concentrations tend to increase as surface water flows from the headwaters of Alexander Creek downstream to Michel Creek. Overall, box plots indicate generally low variability in the dataset for each of the sampling stations, with the exception of aluminum and iron. Box plots for fluoride, aluminum, copper, and iron do not provide visual trends with respect to surface water flow path.

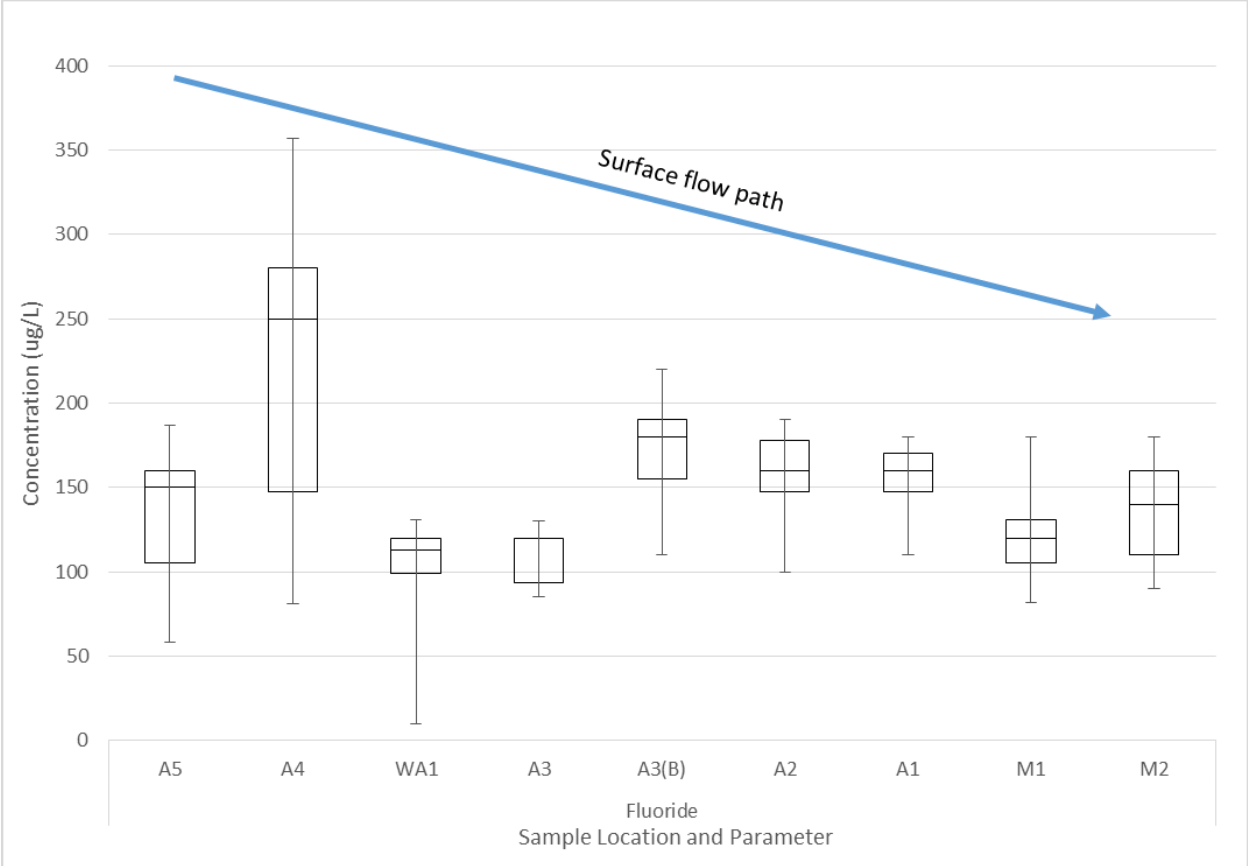

Figure 27: Fluoride concentrations in Alexander Creek watershed

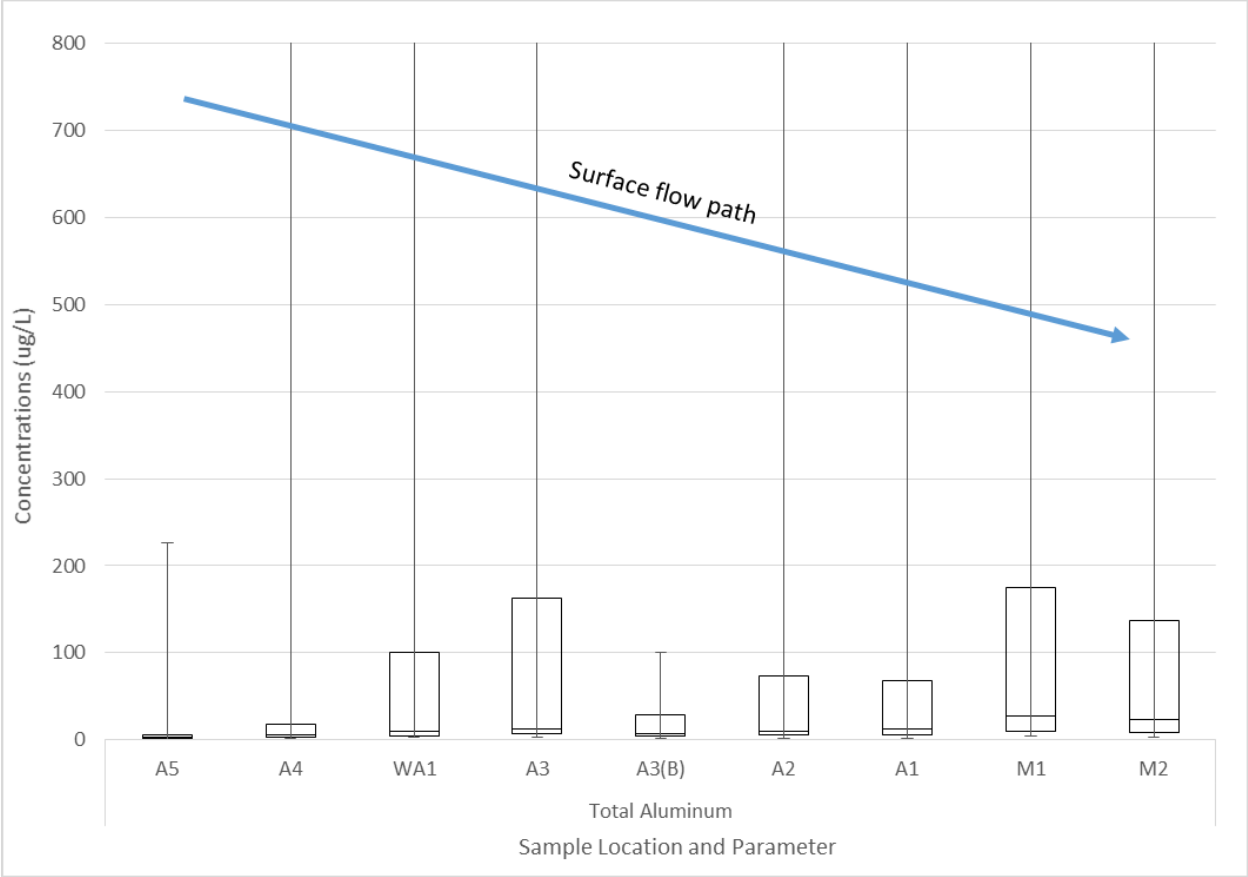

Figure 28: Aluminum concentrations in Alexander Creek watershed

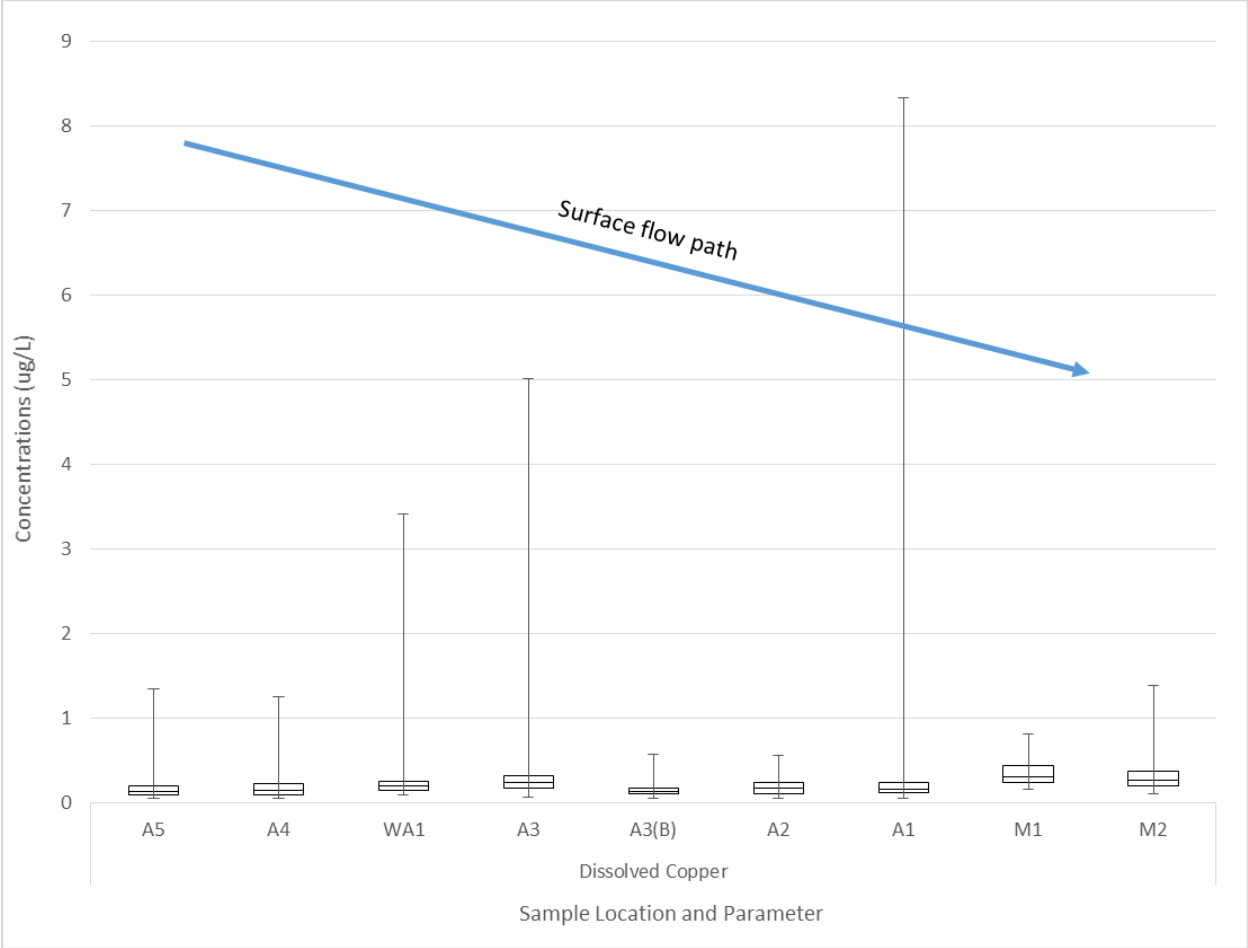

Figure 29: Dissolved copper concentrations in Alexander Creek watershed

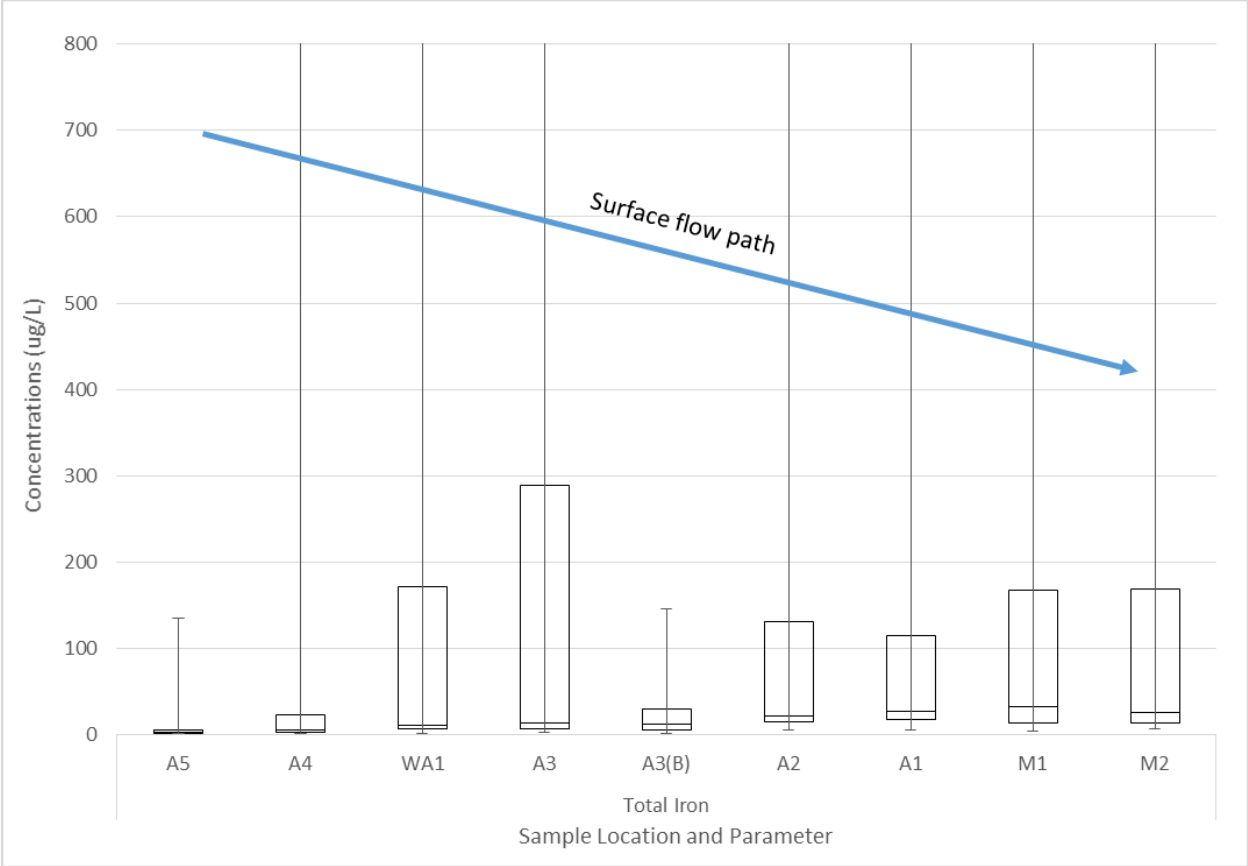

Figure 30: Total iron concentrations in Alexander Creek watershed

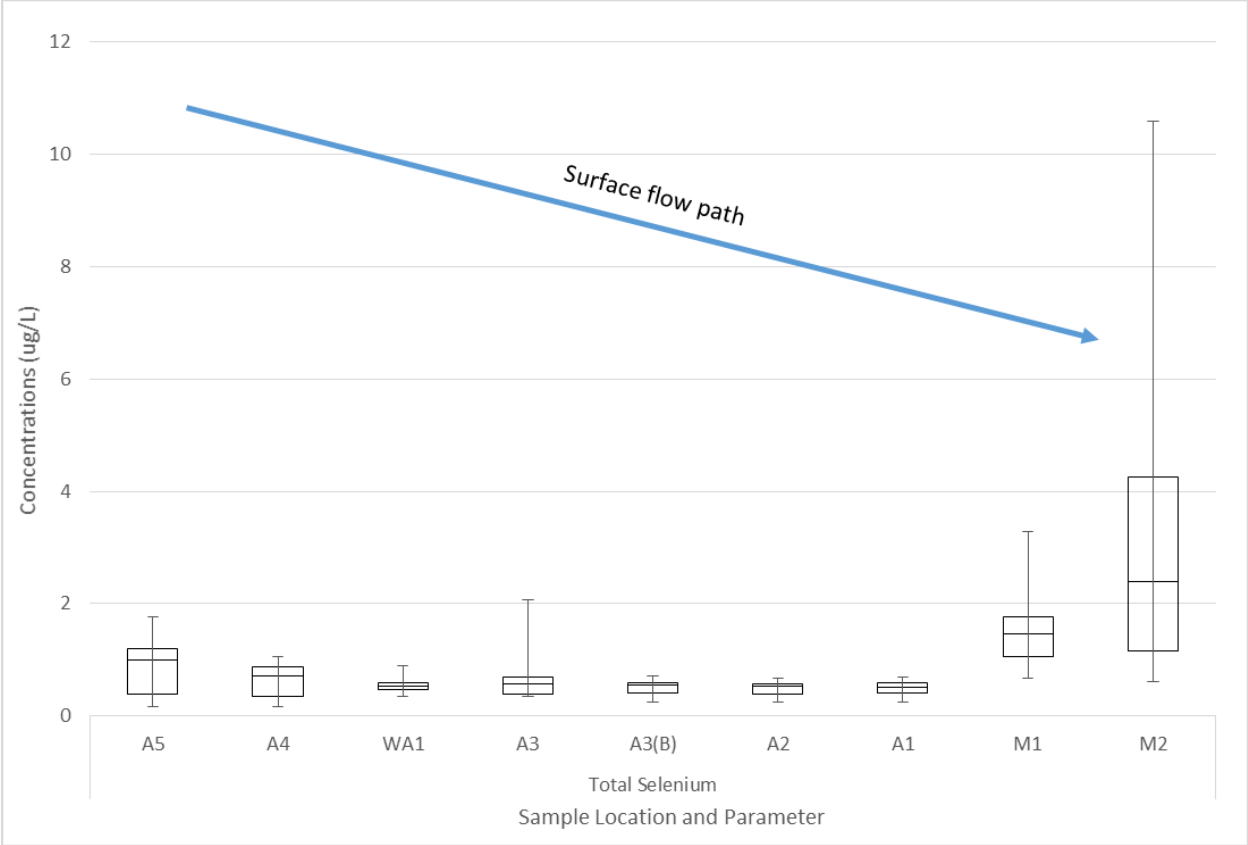

Figure 31: Selenium concentrations in Alexander Creek watershed

4.2.2 Grave Creek

The Grave Creek Watershed includes Grave Creek and Harmer Creek. Sampling stations are situated in the following order of surface flow pathway from the most upstream to the downstream limit: G1, G2, and H1.

Box plots for fluoride, aluminum, copper, iron, and selenium within the Grave Creek watershed are presented in **Figure 32** to **Figure 36**. Similar to concentrations in the Alexander Creek watershed, there is generally low variability within populations for each sampling station, with the exception of selenium. There may be an increasing trend of fluoride concentrations from the upper to lower portions of the Grave Creek watershed. Selenium concentrations at station H1 appear to be substantially greater with higher variability than at stations G1 and G2.

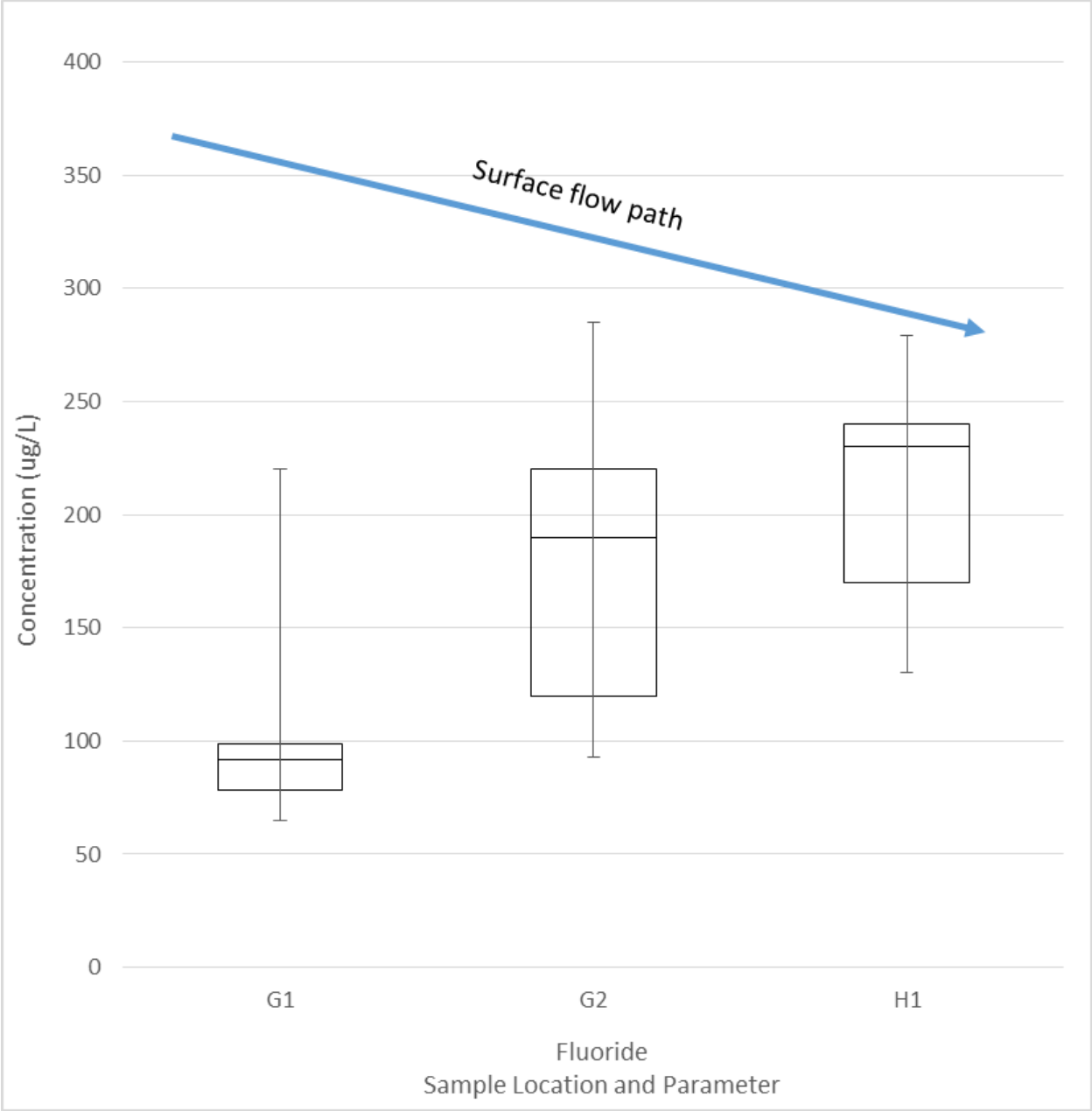

Figure 32: Fluoride concentrations in Grave Creek watershed

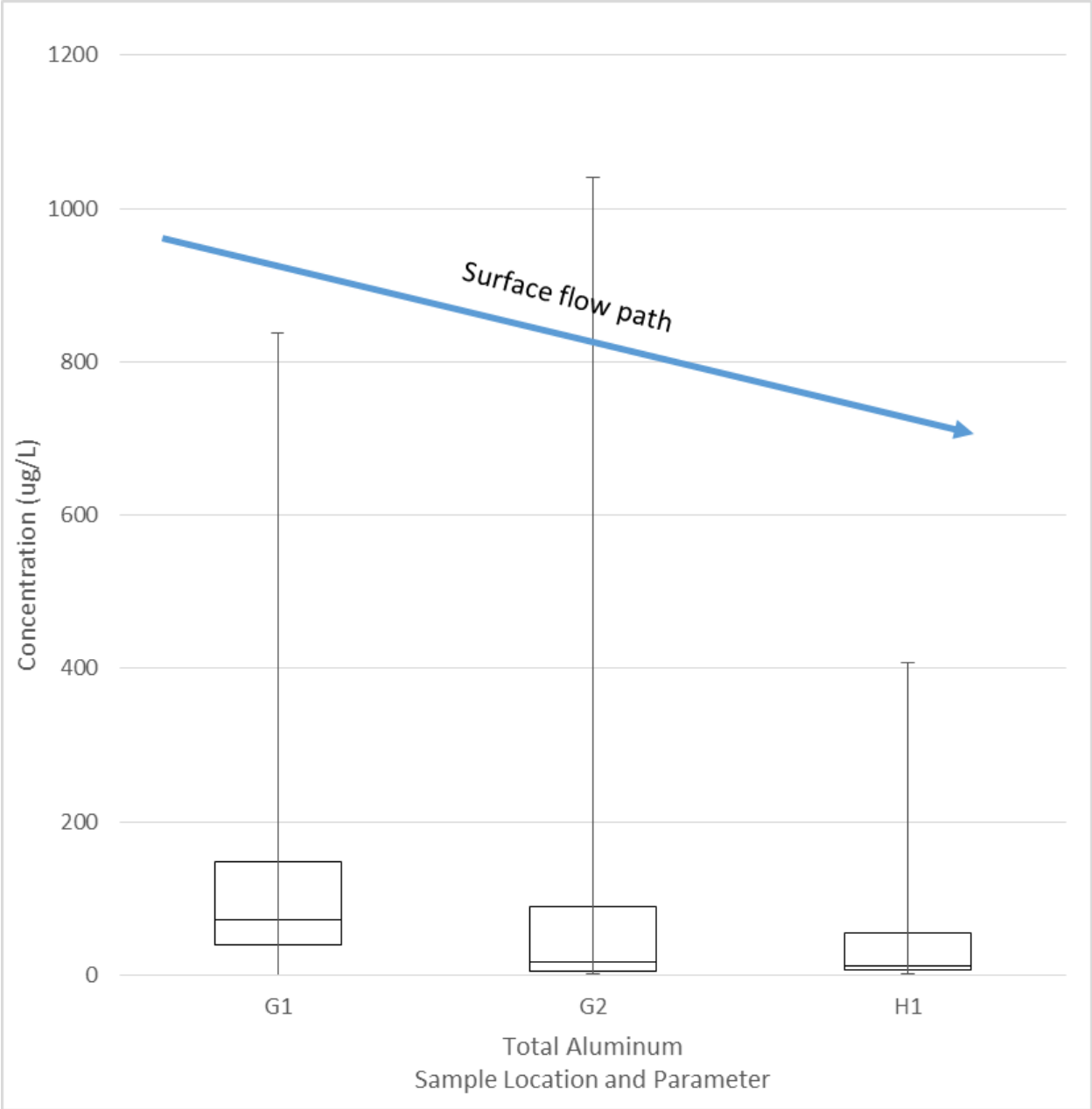

Figure 33: Total aluminum concentrations in Grave Creek watershed

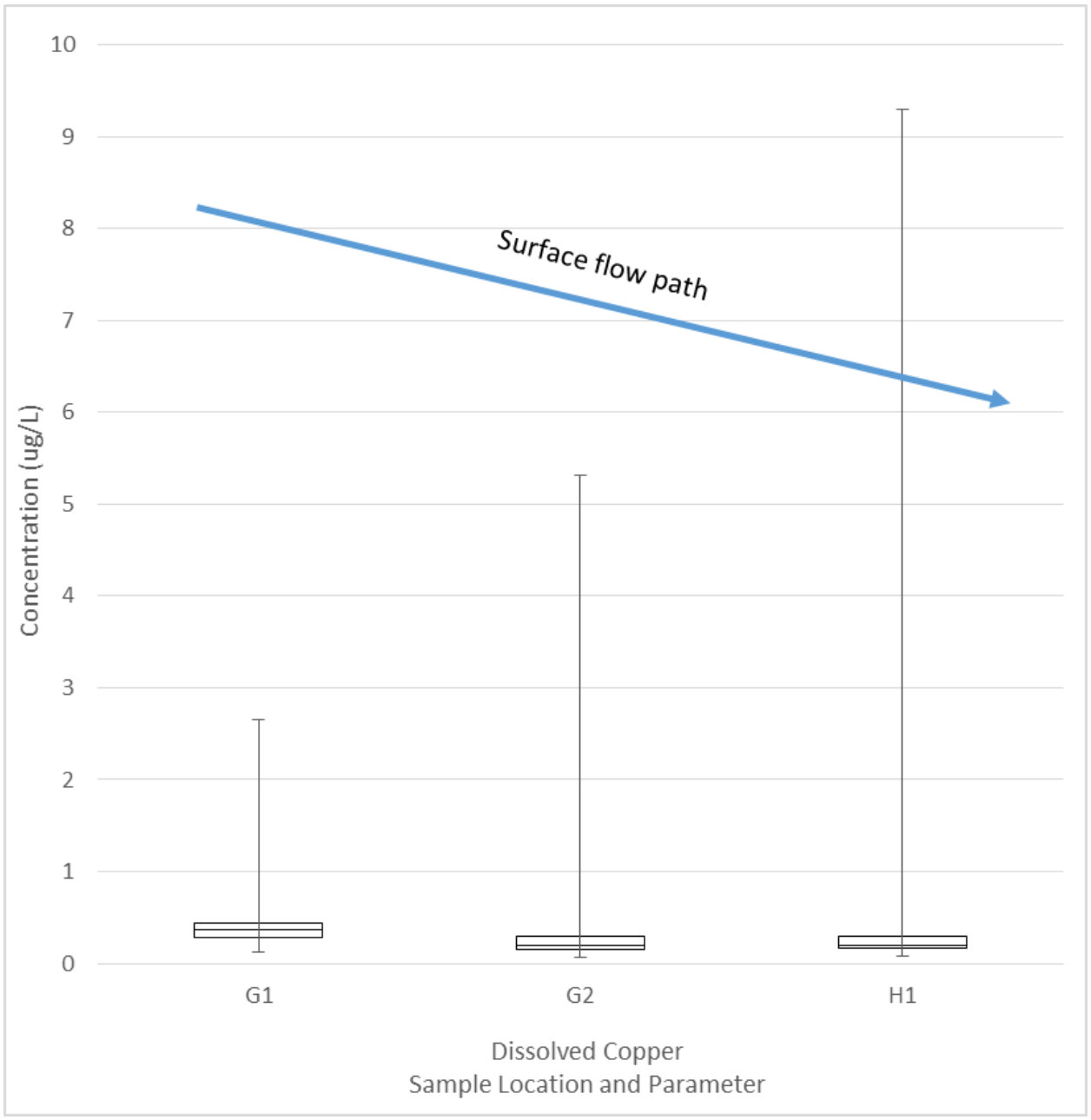

Figure 34: Dissolved copper concentrations in Grave Creek watershed

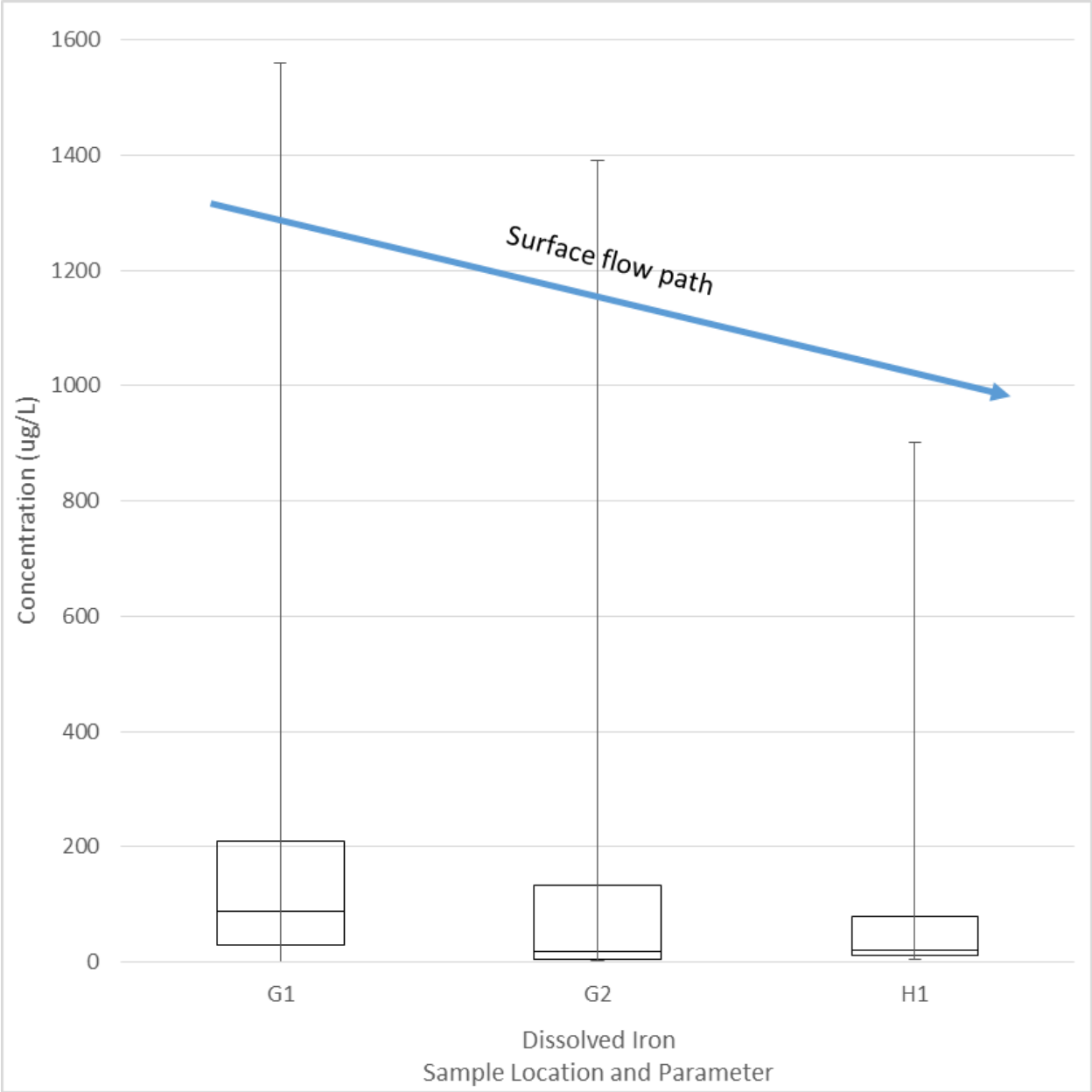

Figure 35: Total iron concentrations in Grave Creek watershed

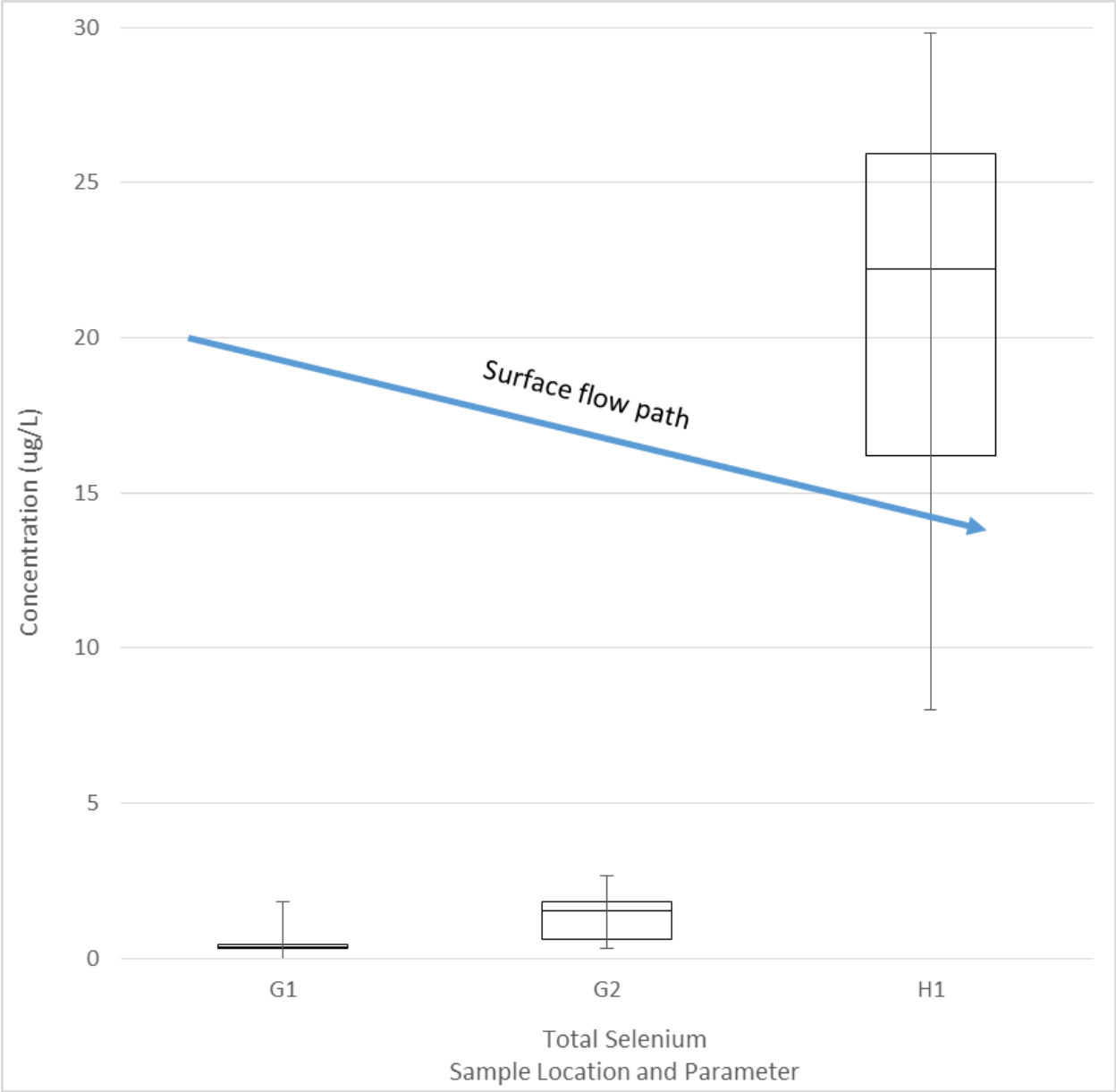

Figure 36: Total selenium concentrations in Grave Creek watershed

4.2.3 Summary

Overall, the analytical data for aluminum, copper, and iron from across the LSA shows generally low variability. Results for fluoride and selenium tend to show a greater degree of variability (i.e., separation between the 1st and 3rd quartiles for each population). High upper error bar values generally represent elevated concentrations associated with the abnormally high-volume precipitation events which occurred in June 2013 and May 2014. Fluoride, aluminum, copper, and iron concentrations did not show distinct spatial trends in the Alexander Creek and Grave Creek watersheds.

A distinct increase in selenium concentrations is observed within the larger creek systems (i.e., Michel Creek and Grave Creek downstream of the confluence with Harmer Creek) compared to the tributaries. Stations M1 and M2 are located downstream of the confluence of Alexander and Michel Creeks and upstream of the confluence of Michel and Erikson Creeks. Michel Creek is a larger creek than Alexander Creek, and is also adjacent to Highway 3 and downstream of historic mining activities south of the highway at the M1 and M2 locations. Therefore, elevated key parameters in these locations are likely attributed to increased sediment loadings associated with larger creek systems and high precipitation events, and may also be influenced by historic mining activities upstream of these stations.

Station G2 is located just upstream of the confluence of Grave and Harmer Creeks, and H1 is located further downstream, just upstream of the confluence of Grave Creek and the Elk River, and is adjacent to railway tracks. It is likely that the consistently elevated selenium found at H1 could be influenced by increased sediment loadings due to it being a larger part of Grave Creek compared to where G2 and G1 are located, and may also be impacted from the train tracks and surface water run-off from Harmer Creek, which is adjacent to and has tributaries in Teck's Elkview Operations Mine.

4.3 Intensive "5 Samples in 30 Days" Sampling

A total of four intensive surveys were conducted during 2014/2015 high-flow periods in May/June and 2014/2015 low-flow periods in August/September to meet the specified averaging period required to calculate long term water quality guidelines. Complete surface water analytical results including averaged 5-in-30 results (as applicable) compared to the BC WQG approved long term long term guidelines for freshwater aquatic life are provided in **Appendix B**. A summary of the identified exceedances of the BC WQG long term for the discrete and averaged 5-in-30 sampling results are provided in **Table 4**. Summary statistics for key parameters and four Order constituents are provided in **Table 6**. Box plots showing for key parameters and four Order constituents for each intensive sampling period are presented in **Appendix D.**

Box plots showing concentrations of fluoride for each intensive sampling event across the LSA indicate that fluoride has relatively low short term variability (indicated by small error bars). However comparison between high and low-flow intensive events reveals that long term variability of fluoride is greater. Fluoride concentrations appear to be slightly higher during the low-flow season in August/September, with the majority of concentrations above the CWQG value, compared to the high-flow periods in May/June where median values tend to fluctuate around the guideline value. This is often associated with dissolved parameters as low flow periods result in higher concentrations due to longer contact times, more groundwater baseflow contribution, and higher concentration through evaporation processes. Fluoride concentrations fluctuate around the CWQG of 120 µg/L during high-flow periods. In contrast, fluoride concentrations are on average higher than the CWQG during the low-flow periods.

Box plots of nitrate (as N) concentrations within each intensive sampling period indicate overall low variability of nitrate concentrations within each intensive sampling period. Nitrate concentrations were higher at station H1 during both low- and high-flow season in 2014 compared to other sampling stations and 2015 results. In contrast, nitrate concentrations were comparatively higher at station M1 during the 2015 high-flow sampling period and higher at stations A3, M2 and G1 during the 2015 low-flow sampling period compared to other sampling stations. No distinct seasonal trends are demonstrated in the box plots for high flow and low flow periods.

Box plots of sulphate (as SO_4) concentrations within each intensive sampling period show relatively small error bars, indicating low variability of sulphate concentrations in each sampling period. Similar to nitrate, sulphate concentrations were higher at station H1 during both low- and high-flow seasons in 2014 compared to other sampling stations and the 2015 event. In addition, sulphate concentrations appear to be slighter higher in Michel Creek and Grave Creek during the August/September 2014 sampling period compared to other sampling stations. Sulphate concentrations at station A3 were higher than those at other sampling locations. Sulphate concentrations appear to be marginally higher during the low-flow season in August/September compared to the high-flow season in May/June. This may be associated with longer contact time during periods of greater groundwater baseflow contribution, and increased concentration through evaporative processes.

Box plots of aluminum concentrations within each intensive sampling period indicate higher variability within Michel Creek and Grave Creek as compared to Alexander Creek. Variability in aluminum concentrations is considerably lower during low-flow intensive sampling periods compared to high-flow periods. Aluminum concentrations at the A5 reference station for the Alexander Creek watershed are consistently low, with low variability throughout the sampling period. In contrast, aluminum concentrations in surface water samples collected from G1, the reference station for the Grave Creek watershed, show significant variation during the 2014 low-flow event compared to the rest of the LSA and other events. Overall, aluminum concentrations appear to be significantly lower, with median concentrations generally below the CWQG, during the low-flow seasons in August/September compared to the high-flow seasons in May and June, where median concentrations consistently exceed the guideline. Lower concentrations during low-flow periods are likely due to reduced surface runoff during the drier summer months.

Box plots of cadmium concentrations within each intensive sampling period are generally low and indicate low variability for each sampling period, with the exception of May/June of 2014, where concentrations are higher with greater fluctuations, particularly at Michel Creek. Median concentrations for cadmium are below the CWQG of 100 µg/L, with the exception of those from station G1 during the 2014 low-flow sampling period. Median concentrations of cadmium during the 2014 high-flow sampling period are above the CWQG, with the exception of stations A5 and A4. Median concentrations during the 2015 high-flow sampling period fluctuate around the CWQG. Similar to other metals, cadmium

concentrations appear to be lower during low-flow seasons in August/September compared to high-flow seasons in May and June, which is likely due to reduced surface runoff during drier summer months.

Box plots of dissolved copper concentrations within each intensive sampling period are generally low for each of the intensive sampling periods, with the exception of: A3 during the 2014 high-flow period, G2 during the 2014 low-flow period and WA1, A3, M1 and G2 during the 2015 low-flow period. No distinct spatial trends of dissolved copper were observed between the low flow and high flow periods.

Box plots of iron concentrations indicate that long term variability is consistently low at stations A5 and A4, however tends to vary more significantly at the other stations depending on the flow-state. Median iron concentrations are below the BC WQG, however exceed the CWQG during the 2014 high-flow sampling period. Overall, long term variability of iron concentrations can be considered moderate to high. Similar to other metals, iron concentrations appear to be lower during the low-flow season in August/September compared to the high-flow season in May/June, which may be due to reduced surface runoff and sedimentation during the drier summer months.

Box plots of selenium concentrations within each intensive sampling indicate concentrations generally meet the CWQG long term of 1 µg/L at the majority of sampling locations. However, selenium concentrations are exceptionally high at station H1 during the 2014 low- and high-flow sampling periods and exceed the CWQG long term and BC WQG short term and long term, however are considerably lower during the 2015 sampling periods. In addition, surface water samples collected from stations M1 and A3 exceed the CWQG long term in 2015. Selenium concentrations appear to be higher during the low-flow seasons in August/September compared to the high-flow seasons in May/June.

4.3.1 Summary

Overall, relatively low long term variability can be observed during the intensive sampling periods for fluoride, nitrate, sulphate, cadmium, dissolved copper and selenium. In contrast, aluminum and iron concentrations have higher short term variability. Aluminum, cadmium and iron concentrations appear to be lower during the high-flow spring freshet compared to the low-flow summer months. In contrast, fluoride, and sulphate concentrations appear to be marginally elevated during the spring freshet. Selenium concentrations appear to be higher during the low-flow seasons in August/September compared to the high-flow seasons in May/June.

4.4 Reference Sites

Reference stations A5 and G1 are located at the headwaters of the Alexander Creek and Grave Creek watersheds, respectively, and have been selected to assess local upstream conditions within the LSA. Based on the box plots in **Section 4.2.1** (**Figure 27** to **Figure 36**), median aluminum and iron concentrations appear to be lower at stations A5 and G1 compared to the other sampling locations. Furthermore, variability of aluminum and iron concentrations throughout the sampling period are much less at station A5 than at other stations. In contrast, concentrations of fluoride, nitrate, sulphate,

cadmium, copper and selenium at stations A5 and G1 are comparable to other non-reference sites. In general, the range of concentrations for each of the key parameters at station A5 overlaps with the other sites, and indicate overall similarity in the character of the surface water quality between the reference site and other sampling stations. Greater variability is observed between reference site G1 and other non-reference stations within the Grave Creek watershed. Median fluoride and selenium concentrations are considerably lower in surface water collected from G1, compared to G2 and H1, however concentrations of aluminum, copper and iron are generally equivalent across the watershed.

4.5 Regional Background Conditions

4.5.1 Elk Valley Water Quality Plan (EVWQP)

Teck developed the EVWQP in 2014 to ensure the health of the watershed while allowing for continued sustainable mining. As part of the EVWQP, baseline conditions of nitrate, sulphate, selenium, and cadmium were evaluated in the Elk River, Fording River, Lake Koocanusa, and tributaries. Selenium and nitrate were two main constituents observed to most frequently exceed the BC WQG. The purpose of the EVWQG was to identify a strategy and implement solutions to address increasing selenium and nitrate concentrations in water within the Valley. A site-specific long term water quality target of 19 µg/L was identified for selenium in the Elk River from Fording River to Michel Creek. The remaining three parameters within this reach of Elk River follow guideline targets in line with the BC WQG and CWQG.

Total selenium concentrations were compared to the 19 µg/L long term target identified in the EVWQP (**Appendix C**). A total of 40 samples were found to contain selenium concentrations above the EVWQP target, each of which occurred at station H1 in Grave Creek, upstream of the confluence to Elk River. Selenium concentrations were substantially lower at stations G1 and G2 (Grave Creek) upstream of Harmer Creek, suggesting that potential sources of selenium input to H1 could be from the adjacent train tracks, and inputs from Harmer Creek which is adjacent to, and has tributaries within, Teck's Elkview Operations.

4.5.2 Regional Baseline Studies

Two regional surface water quality studies were reviewed to provide context to the Crown Mountain baseline surface water quality conditions: Teck's Elkview Operations Baldy Ridge Extension Project (Baldy Ridge; Golder Associates, 2015) and the Aquatic Environment Synthesis Report (Windward, *et. al.,* 2014).

Elkview Operations - Baldy Ridge Extension Project

A baseline surface water quality data collection program was conducted by Teck from 2013 to 2014 as part of the Baldy Ridge Extension Project for the existing Elkview Operations located directly west of the Crown Mountain proposed project area (west of Erickson Creek and Harmer Creek; east of Sparwood; north of Michel Creek). This study considered water quality at three types of sites: reference sites, upstream of mining activities; mainstem sites, downstream of mining activities along the Elk River and

Michel Creek; and tributary sites, downstream of mining activities along tributaries draining into the Elk River and Michel Creek.

The Baldy Ridge baseline study compared surface water quality results from mine-exposed sites to BC WQG (MOE, 2015), the EVWQP, and 95th percentile concentrations measured at reference sites from Teck's Coal Mountain Operations sites (CMO1 and CMO2), and the Elkview Operations (EVO) in order to establish the baseline conditions for their study area. BC WQG parameter-dependent guidelines used in the Baldy Ridge study were calculated conservatively based on a hardness of 250 mg/L as $CaCO_3$, temperature of 10◦C and a pH of 8.0.

Median and maximum concentrations of constituents were generally below the BC WQG for the reference sites, with the exception of the maximum concentrations for pH, total phosphorus, total chromium, total iron, total selenium, dissolved aluminium, phenanthrene, and pyrene. The mainstem sites generally exceeded the BC WQG for median total selenium, while median concentrations of all other parameters were below the BC WQG. Maximum concentrations of nitrate, dissolved aluminium, pH, and all metals except total barium, total nickel, total manganese, total thallium, total uranium, and dissolved cadmium exceeded the BC WQG in surface water samples collected from at least one site.

In general, the tributary sites had the most exceedances of the BC WQG, where median concentrations in at least one tributary site showed exceedances of total selenium, sulphate, nitrate, total phosphorus, total chromium, and pyrene. Further exceedances of the BC WQG by maximum concentrations included ammonia, chloride, nitrite, all total metals, dissolved aluminium, dissolved cadmium, dissolved iron, PAHs, and pH values. Exceedances of total metals were largely attributed to high total suspended solids in the water samples.

The results of the Crown Mountain surface water quality baseline program generally reflect the results found for the reference sites for Baldy Ridge, where the majority of exceedances of the BC WQG were from maximum concentrations for the five key parameters: fluoride, total aluminium, dissolved copper, total iron, and total selenium. To further compare the results from these two studies, results from five sampling sites from each project were compared for the key parameters identified for Crown Mountain. These five sampling sites were chosen based on proximity to each other (approximately 0 – 385 m away) (**Table 7**). The median concentrations from these locations for the key parameters identified for Crown Mountain, along with the Baldy Ridge reference concentrations and the BC WQG, were compared to provide context for the Crown Mountain surface water quality results (**Table 8**).

Table 7: Sampling Locations from Teck's Elkview Operations Baldy Ridge Extension Project Baseline Water Quality Program in 2013/2014 and Equivalent Crown Mountain Water Quality Sampling Stations

Elkview Operations Baldy Ridge Extension Project			Equivalent Crown Mountain Sampling Location	Linear Distance Between Locations (m)
Sample Location	Site Description	UTM NAD 83 11U Easting/Northing		
MW_AC1	Alexander Creek; Reference Site	663831 5502654	A1	150
EV_MC3	Michel Creek upstream of Erickson Creek; Mainstem Site	659972 5505057	M1	385
EV_MC3A	Michel Creek downstream of Erickson Creek, upstream of South Pit Creek; Mainstem Site	659468 5505252	M2	130
EV_GV3	Grave Creek upstream of Harmer Creek; Reference Site	656625 5522243	G2	0
EV_GV1	Grave Creek at mouth; Tributary Site	653637 5523376	H1	25

The median concentrations of the key parameters between the two projects at each location were similar for fluoride and selenium, with the exception of Crown Mountain location M2 which had lower selenium concentrations compared to the similar Baldy Ridge location (EV_MC3A). At each of the sampling locations, median fluoride concentrations were below the Baldy Ridge reference concentrations and the BC WQG calculated for the Crown Mountain Project. Total selenium was elevated above both the Baldy Ridge reference concentration and BC WQG at M2/EV_MC3A and H1/EV_GV1, and below the guidelines and reference concentrations for the three other sites. Median total aluminum and total iron were lower in the Crown Mountain samples compared to the Baldy Ridge samples, and each of the locations were below the Baldy Ridge reference concentrations and the BC WQG, with the exception of two Baldy Ridge locations (Crown M1 and M2 equivalents). Dissolved copper was below the detection limits for each of the Baldy Ridge locations, which were higher than the detection limits for the Crown Mountain samples, making them difficult to compare. However, each of the Crown Mountain concentrations were below the Baldy Ridge reference concentrations and the BC WQG. M1 and M2 had dissolved copper concentrations at the lower range of the long term BC WQG, however as these guidelines are parameter-dependent, the lower and upper bounds of this range relate to specific samples and the range itself is reported to provide context to the guideline variability for the dataset.

These comparisons indicate that the key parameter median concentrations at Crown Mountain are generally consistent with or lower than results from comparable sample locations within the Baldy Ridge project area for both reference and mine-exposed sites. Therefore, the baseline surface water quality for Crown Mountain is considered representative of reference conditions in the Elk Valley, with the

exception of H1 and M2 for total selenium. These areas for both the Crown Mountain and Baldy Ridge projects are influenced by anthropogenic activities and associated increased sediment loadings, which is reflected in the elevated selenium concentrations identified in the surface water.

Table 8: Median Concentrations of the Crown Mountain Key Parameters at Comparable Locations from the Baldy Ridge and Crown Mountain Projects

Sample Location	Project	Fluoride	Total Aluminium	Dissolved Copper	Total Iron	Total Selenium
		mg/L	µg/L			
Baldy 95th Percentile Reference Concentrations[a]		0.28	703	0.43	766	1.9
BC WQG[b]		**1.16 – 1.86**	**50**	**1.7 – 19.5 (ST) 0.3 – 3.2 (LT)**	**1000**	**2.0**
MW_AC1 (R)	Baldy	0.17	41	<0.2	54	0.5
A1	Crown	0.18	11	0.2	25	0.5
EV_MC3	Baldy	0.15	**87**	<0.5	72	1.2
M1	Crown	0.12	27	**0.3**	30	1.5
EV_MC3A	Baldy	0.16	**56**	<0.5	52	**7.3**
M2	Crown	0.14	24	**0.3**	26	**2.4**
EV_GV3 (R)	Baldy	0.21	18	<0.5	<30	1.7
G2	Crown	0.19	13	0.2	17	1.6
EV_GV1	Baldy	0.24	39	<0.5	49	**24.0**
H1	Crown	0.23	10	0.2	19	**22.7**

[a] 95th percentile concentrations calculated using concentrations from reference sites at CMO1, CMO2, and EVO.
[b] BC WQG: BC Water Quality Guidelines; for parameter-dependent guidelines (fluoride, copper), calculated ranges for Crown Mountain were used for reference. ST = short term; LT = long term.
Underlined values indicate exceedances of the 95th percentile reference concentrations used for the Baldy Ridge Extension Project.
Bold values indicate exceedances of the BC WQG.

Aquatic Environment Synthesis Report (Windward et al., 2014)

The Aquatic Environment Synthesis Report summarizes monitoring studies completed by Teck from 2011 to 2013. Overall, nitrate, selenium, and sulphate were identified as primary parameters of concern within the Elk River Watershed. These parameters show an increasing trend at most mainstem stations. Other parameters with at least one sample with a concentration above BC WQG or EVWQP targets included nitrite, ammonia, aluminum, arsenic, barium, cadmium, chromium, cobalt, copper, iron, lead, manganese, nickel, silver, thallium, uranium, vanadium, zinc, benzo(a)pyrene, phenanthrene, and pyrene. Elevated selenium concentrations were observed in Lake Koocanusa, south of the RSA, but only exceeded the BC WQG of 2 µg/L in two samples.

Though nitrate and sulphate were identified as primary parameters of concern within the Elk Valley, no exceedances were observed in the Crown Mountain baseline program. Other parameters which were found to exceed the applicable guidelines are generally consistent with those identified in the Aquatic Environment Synthesis Report, with the exception beryllium exceedances, which were not previously noted in the 2014 Aquatic Environment Synthesis Report.

4.5.3 Environment Canada Monitoring Stations

There are two Environment and Climate Change Canada (ECCC) Water Quality Monitoring Stations in the Elk Valley. Details of the monitoring stations are provided in **Table 9** below.

Table 9: Environment Canada Water Quality Monitoring Stations Nearest to Proposed Project Area

	BC08NK0004 ELK RIVER SOUTH OF SPARWOOD	BC08NK0003 ELK RIVER AT HWY 93 NEAR ELKO
Site Type	River	River
Latitude/Longitude Coordinates	49.6643, -114.9041	49.1797, -115.167
Approximate Linear Distance from Centre of Proposed Project Area	19 km Southwest	75 km Southwest

Basic summary statistics for the last 10 years of data at these two stations from February 2009 to 2019, including minimum, maximum, median, mean, standard deviation, standard error, for select parameters, are presented in **Table 10** and **Table 11**. Complete results are provided in Table E-1 and Table E-2 of **Appendix E**. A number of parameters have greater mean and median at both ECCC Monitoring Stations compared to total results from the Crown Mountain baseline program, including cadmium, fluoride, iron, nitrate, selenium and sulphate (bolded in the summary statistics tables in **Table 10** and **Table 11**). Aluminum mean and median concentrations were greatest at the BC08NK0003 Monitoring Station compared to the BC08NK0004 and Crown Mountain sampling locations.

Table 10: Surface Water Quality Summary Statistics for Elk River Downstream of Sparwood (ECCC Monitoring Station BC08NK0004; February 3, 2009 to February 3, 2019) for Select Parameters

Analyte	Unit	All Years Combined (February 3, 2009-2019)							
		Count	Minimum	Maximum	Median	Mean	Standard Deviation	Standard Error of the Mean	95% UCL
Physical Tests									
Total Hardness (Calcd.) $CaCO_3$	mg/L	214	141.0	309	**233**	**228**	34.2	2.3	232.3
pH	-	214	7.9	8.5	**8.3**	**8.3**	0.1	0.01	8.3
Major Ions									
Fluoride	mg/L	86	34.9	108	**76.5**	**74.3**	17.7	1.9	78.0
Sulphate	mg/L	99	8.1	31.6	**22.8**	**21.0**	5.9	0.6	22.2
Nutrients									
Ammonia	mg/L	1	1.3	1.3	**1.3**	**1.3**	-	-	-
Nitrate (as N)	mg/L	86	1.2	2.9	**2.0**	**2.04**	0.4	0.05	2.1
Total Metals									
Aluminum	µg/L	208	0.5	1200	10.7	63.4	155.6	10.8	84.6
Cadmium	µg/L	208	0.0	0.4	**0.02**	0.03	0.05	0	0.04
Copper	µg/L	207	0.1	3.3	0.2	0.3	0.5	0.03	0.4
Iron	µg/L	208	1.2	2080	**21.6**	116.5	286.9	19.9	155.5
Selenium	µg/L	208	3.2	15.9	**9.5**	**9.0**	2.8	0.2	9.4

BOLD = median or mean is higher than total mean and median of all sampling results from the Crown water sampling program
Dashed line "-" indicates statistic could not be calculated.
See Appendix E for complete results.

Table 11: Surface Water Quality Summary Statistics for Elk River at Hwy 93 Near Elko – Upstream of Lake Koocanusa (ECCC Monitoring Station BC08NK0003; February 3, 2009 to February 3, 2019)

Analyte	Unit	All Years Combined (February 3, 2009-2019)						
		Count	Minimum	Maximum	Median	Mean	Standard Deviation	95% UCL
Conventional Parameters								
Total Hardness (Calcd.) $CaCO_3$	mg/L	211	113	269	**188**	**183.6**	31.8	187.9
pH	-	211	7.9	8.6	**8.3**	**8.3**	0.1	8.3
Major Ions								
Fluoride	mg/L	82	0.1	0.2	**0.2**	**0.2**	0.02	0.2
Sulphate	mg/L	82	22.1	65.7	**53.0**	**48.8**	12.7	51.5
Nutrients								
Ammonia	mg/L	82	0.01	0.04	0.01	0.01	0.01	0.01
Nitrate (as N)	mg/L	1	0.8	0.8	**0.8**	**0.8**	-	-
Total Metals								
Aluminum	µg/L	206	4	2,380	**42**	**187**	369	238
Cadmium	µg/L	207	0.01	0.4	**0.02**	0.04	0.06	0.04
Copper	µg/L	207	0.05	4.8	0.3	0.6	0.8	0.71
Iron	µg/L	206	11	3,810	**76**	**319**	621	404
Selenium	µg/L	206	1.8	8.5	**5.1**	**5.1**	1.5	5.3

BOLD = median or mean is higher than total mean and median of all sampling results from the Crown water sampling program
Dashed line "-" indicates statistic could not be calculated.
See Appendix E for complete results.

4.6 Quality Assurance and Quality Control

Trip and field blank analytical results are presented in **Appendix F**. The following parameters are regularly greater than the detection limit for both trip and field blanks:

- Alkalinity;
- Barium (total) ;
- Bicarbonate;
- Ammonia;
- Conductivity;
- pH;
- Aluminum (total and dissolved);
- Barium (dissolved);
- Copper (total and dissolved);
- Lead (total and dissolved);
- Nickel (total and dissolved); and
- Zinc (total and dissolved).

The following parameters had occasional concentrations above detection limits for both trip and field blanks:

- Calcium (total and dissolved) (n=2 and 3, respectively);
- Iron (total and dissolved) (n=18 and 14, respectively);
- Manganese (total and dissolved) (n=15 and 12, respectively);
- Mercury (total and dissolved) (n=9 and 11, respectively);
- Molybdenum (total) (n=1);
- Selenium (total) (n=1);
- Silver (total and dissolved) (n=1);
- Strontium (total and dissolved) (n=5 and 8, respectively);
- Thallium (total) (n=1);
- Tin (total and dissolved) (n=6 and 2, respectively);
- Uranium (total and dissolved) (n=5 and 10, respectively); and
- Vanadium (dissolved) (n=4).

Due to the presence of carbon dioxide in air and the resulting dissolution of CO_2 (creating H_2CO_3) and dissociation into H^+ and HCO_3^- blank water will almost always have some small measureable amount of alkalinity, bicarbonate, and a slightly acidic pH. Also the presence of dust which includes simple minerals including salt, aluminoosilicates, rust, and other particulate, trace metals will frequently have near detection limit concentrations; as such these detection limit or near detection limit values are considered acceptable.

Relative percent difference (RPD) calculations for duplicate samples are available in **Appendix G**. The RPD was within the acceptable range of 30% for a majority of parameters; several calculated RPD values outside of the acceptable range were identified for a few parent-duplicate pairs. These results indicate that the water quality data are reliable. Only one sample collected at H1 on September 19, 2014 has consistent RPD ranges above 30%. The parent sample had higher concentrations compared to the duplicate sample for all parameters. As the higher of the two parent and duplicate sample values were used in guideline calculations and comparisons as a conservative approach, the results of the RPD calculations do not adversely affect the results of the surface water quality baseline analysis.

5.0 Conclusion

A total of 623 samples were collected over 58 sampling rounds at 12 sampling locations from May 2012 to June 2019 to characterize surface water quality in the Crown Mountain aquatic LSA. Concentrations of fluoride, total aluminum, dissolved copper, total iron and total selenium in surface water were consistently identified in exceedance of the applicable BC WQG and CCME CWQG. Other parameters with concentrations exceeding the guidelines included ammonia, barium, beryllium, lead, manganese, silver, and zinc. The majority of these exceedances were isolated occurrences and were associated with significant precipitation and flood events (i.e., June 2013), and as such, were not considered representative of typical baseline conditions in the LSA. Although identified as key parameters in the regional EVWQP, nitrate, cadmium, and sulphate were not consistently identified above the applicable guidelines or EVWQP targets for the Crown Mountain LSA. The only exceedance of the EVWQP targets was found for selenium at station H1. The surface water in this area could be influenced by increased sediment loadings due to it being a larger part of Grave Creek, and may also be impacted from the adjacent railway tracks and surface water run-off from Harmer Creek, which is adjacent to and has tributaries in Teck's Elkview Operations Mine. The findings of the Crown Mountain surface water quality baseline program are largely consistent with other regional baseline studies showing consistently elevated concentrations of selenium and variable exceedances in aluminium, copper, and iron concentrations.

6.0 Disclaimer

This surface water baseline report has been prepared based on information provided by NWP Coal Canada Ltd or available to Dillon Consulting Limited at the time of preparing this report. This report is intended to provide a reasonable review of available information within an agreed work scope, schedule and budget. This report was prepared by Dillon for the sole benefit of NWP Coal Canada Ltd and regulatory agencies in decision-making regarding the Crown Mountain Coking Coal Project. The material in the report reflects Dillon's judgment in light of the information available to Dillon at the time of this report preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

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Appendix A

Surface Water Analytical Results compared to BC WQG Short Term and CWQG Short Term and Long Term

Physical Tests (*in-situ* sampling) / Calculated Parameters

Location Code	Sample Date	Sample ID	Lab Report Number	Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life																			
BC WQG Working - Fresh Water Aquatic Life																			
CWQG Aquatic Life Freshwater - Long Term																			
CWQG Aquatic Life Freshwater - Short Term																			
A1	14/05/2012	A1	B240844	7.6	8.06	303	-	9.7	82	-	-	-	-	-	135,000	<10,000	<10,000	-	141,000
	18/06/2012	A1	B252527	6	7.31	243	-	12.8	131	-	-	-	-	-	109,000	<10,000	<10,000	-	122,000
	23/07/2012	A1	B265706	10.8	8.47	174.1	-	8.7	91.6	-	-	-	-	-	130,000	<10,000	<10,000	-	141,000
	25/08/2012	A1	B276408	8.9	9.73	196.2	-	10.29	104.3	141.3	-	-	-	-	145,000	<10,000	<10,000	-	159,000
	17/09/2012	A1	B283851	8.5	9.34	198.7	-	9.53	94.6	114.2	-	-	-	-	153,000	<10,000	<10,000	-	169,000
	24/10/2012	A1	B297129	2.4	8.53	176	311	12.8	93.6	114.8	2.05	-	830	-	150,000	<10,000	<10,000	-	-
	23/11/2012	A1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	149,000	6600	6700	-	-
	15/12/2012	A1	B2B4014	0.3	8.59	167	316	12	82.9	167	-	-	-	-	153,000	6700	7000	-	178,000
	24/01/2013	A1	B306701	0.34	8.13	170	321	12.51	86.7	149	-	-	-	-	155,000	5800	5800	-	157,000
	24/01/2013	A1-DUP	B306701	0.34	8.13	170	321	12.51	86.7	149	-	-	-	-	154,000	6500	5000	-	183,000
	20/02/2013	A1	B314188	1.41	8.45	178	323	9.65	68.8	98	0.58	-	-	-	157,000	6300	5400	-	168,000
	20/03/2013	A1	B322778	0.68	8.24	173	323	11.81	82.5	136	0.81	-	-	-	157,000	6600	5800	-	179,000
	17/04/2013	A1	B330896	2.5	8.49	186.1	326.7	12.17	89.2	85.2	8.52	-	-	-	158,000	6600	6700	-	172,000
	23/05/2013	A1	B341817	3.6	8.12	109.2	184.7	11.62	102.6	236.8	-	-	-	-	113,000	<3000	<3000	-	115,000
	20/06/2013	A1	B351922	5.3	7.88	104.3	166.9	11.29	104.3	63.5	-	-	-	-	100,000	<3000	<3000	-	102,000
	17/07/2013	A1	B361290	7.17	8.47	224	339	10.84	89.7	963	4.54	-	-	-	140,000	4200	5100	-	144,000
	26/08/2013	A1	B376191	12.5	8.12	154.8	-	9.37	80.4	151.3	-	-	-	-	155,000	4100	4400	-	173,000
	25/09/2013	A1	B387669	5.6	7.74	156.2	263.9	9.91	82.4	189.4	-	-	-	-	155,000	4800	5700	-	154,000
	24/10/2013	A1	B399472	4.6	8.27	183.4	300.4	11.49	89.3	279.2	-	-	-	-	147,000	5600	6000	-	170,000
	20/11/2013	A1	B3A8665	0.5	8.04	178.8	336.3	13.02	95.5	258.1	-	-	-	-	162,000	6000	7700	-	185,000
	22/12/2013	A1	B3B7782	0.5	8.26	73.2	326.3	12.04	95.1	295.8	-	-	-	-	160,000	4700	6600	-	163,000
	22/12/2013	A1-DUP	B3B7782	0.5	8.26	73.2	326.3	12.04	95.1	295.8	-	-	-	-	158,000	6400	5500	-	165,000
	28/01/2014	A1	B407313	0.4	8.46	-	337.4	11.98	82.8	114.9	-	-	-	-	160,000	5100	4700	-	181,000
	28/01/2014	A1-DUP	B407313	0.4	8.46	-	337.4	11.98	82.8	114.9	-	-	-	-	159,000	4500	5200	-	172,000
	27/02/2014	A1	B416171	0.1	8.04	-	331.9	12.49	85.9	174.6	-	-	-	-	158,000	5400	6300	-	173,000
	27/03/2014	A1	B424928	1.1	8.44	-	287	12	92.7	212.7	-	-	-	-	156,000	6500	6000	-	179,000
	24/04/2014	A1	B432952	3.6	8.42	-	271	11.69	88.1	181.3	-	-	-	-	161,000	6300	6900	-	188,000
	15/05/2014	A1	B439804	5.9	8.39	-	248.7	10.52	84.3	262.5	14.97	-	-	-	147,000	4900	5000	-	165,000
	22/05/2014	A1	B442060	7.3	8.4	-	191.2	10.32	85.9	254.5	41.95	-	-	-	129,000	3400	3500	-	136,000
	29/05/2014	A1	B444272	5.3	8.39	-	189.8	11.57	91.5	284.2	24.5	-	-	-	120,000	<3000	<3000	-	128,000
	05/06/2014	A1	B446972	6.1	8.27	147.5	201.8	10.91	88.6	284.4	11.55	-	-	-	117,000	<3000	3200	-	117,000
	12/06/2014	A1	B449500	6.9	8.45	-	214.9	11	90.5	296.6	6.47	-	-	-	122,000	<3000	3400	-	133,000
	24/07/2014	A1	B464009	7.2	8.36	-	250.5	11.47	94.9	227.4	2.34	-	-	-	144,000	5700	5100	-	158,000
	21/08/2014	A1	B474408	7.6	8.33	-	257.6	8.34	77.6	165.3	1.47	-	-	-	153,000	4700	4300	-	163,000
	28/08/2014	A1	B476541	9.71	8.37	-	291	10.04	88.4	145	1.23	-	-	-	150,000	4500	5100	-	161,000
	05/09/2014	A1	B479164	8.63	8.44	-	291	10.09	86.6	127	1.21	-	-	-	149,000	5600	4700	-	162,000
	12/09/2014	A1	B481292	5.01	8.49	-	250	10.98	86.1	142	1.18	-	-	-	147,000	6600	5700	-	176,000
	18/09/2014	A1	B483962	8.5	8.5	-	245	10.01	86	137	1.61	-	-	-	145,000	5100	4400	-	163,000
	30/10/2014	A1	B499587	5.2	8.47	-	301.1	11.18	88.1	262.6	1.44	-	-	-	152,000	5500	6100	-	177,000
	28/11/2014	A1	B4A9093	0	8.26	-	209.5	11.6	80.8	221.6	0.92	-	-	-	135,000	4800	5000	-	157,000
	18/12/2014	A1	B4B5326	1.6	8.39	-	267.5	12.36	88.4	179.3	0.67	-	-	-	159,000	4500	5200	-	174,000
	22/01/2015	A1	B505986	0.3	8.29	-	269.5	12.99	89.6	332.2	0.47	-	-	-	155,000	5600	4300	-	174,000
	27/02/2015	A1	B516449	0.1	8.23	-	318.6	98.4	14.39	170	0.39	-	580	-	164,000	5400	-	-	-
	26/03/2015	A1	B525184	2.4	8.32	-	253.3	11.87	86.9	215.6	3.61	-	<500	-	154,000	5900	-	-	-
	26/03/2015	A1-DUP	B525184	2.4	8.32	-	253.3	11.87	86.9	215.6	3.61	-	<500	-	155,000	5900	-	-	-
	23/04/2015	A1	B533584	5	8.45	-	271.6	10.07	79	254.6	7.39	-	-	-	138,000	<15,000	3900	-	145,000
	15/05/2015	A1	B540628	4.1	8.29	-	214.7	13.27	101.7	245.5	2.97	-	-	-	138,000	3900	4700	-	164,000
	21/05/2015	A1	B542667	7	8.39	-	210.2	11.91	98.3	293.7	3.61	-	-	-	126,000	3500	3700	-	137,000
	28/05/2015	A1	B545872	4.8	8.21	-	208.8	10.69	83.4	271.8	5.8	-	-	-	118,000	<3000	<3000	-	134,000
	04/06/2015	A1	B547761	3.8	8.21	-	206.3	12.23	93	358.7	5.27	-	-	-	119,000	<15,000	<3000	-	128,000
	11/06/2015	A1	B549906	6.9	8.3	-	221	9.45	77.8	294	2.72	-	-	-	129,000	<3000	<3000	-	137,000
	23/07/2015	A1	B563471	7.6	8.37	-	259.6	10.57	88.6	360.4	0.02	-	-	-	152,000	4600	4500	-	157,000
	20/08/2015	A1	B572515	8.7	8.43	-	274.5	10.06	86.4	104.3	1.31	-	-	-	153,000	5000	5100	-	170,000
	27/08/2015	A1	B575103	7.6	8.38	-	271	10.8	90.3	181.3	0.97	-	-	-	153,000	4500	5100	-	167,000
	03/09/2015	A1	B577658	-	-	-	-	-	-	-	-	-	-	-	152,000	5300	5400	-	167,000
	10/09/2015	A1	B579637	6.9	8.37	-	269.4	10.23	84.1	114.4	3.12	-	-	-	144,000	5600	6100	-	169,000
	17/09/2015	A1	B582068	6.8	8.38	-	188.1	11.16	91.4	144.6	0.99	-	-	-	145,000	5700	5900	-	161,000
	12/05/2016	A1	B637198	3.9	8.56	-	200.7	12.61	96	219.4	1.36	-	-	-	128,000	<15,000	3200	-	126,000
	20/07/2018	A1	L2133661	13.52	8.48	229.7	293.7	8.91	100.3	74.9	-	137,000	6400	<1000	143,000	4920	4840	149,000	-
	09/11/2018	A1	L2195291	1.88	8.38	170.7	304.1	11.51	97	61	2.08	154,000	6600	<1000	160,000	6620	6080	183,000	-
	04/03/2019	A1	L2240838	0	8.31	NA	338.2	13.22	90.6	49.5	0.47	167,000	2800	<1000	170,000	6260	6320	179,000	-
	04/03/2019	A1-DUP	L2240838	0	8.31	NA	338.2	13.22	90.6	49.5	0.47	170,000	<1000	<1000	170,000	6570	6160	181,000	-
	18/06/2019	A1	L2295044	7.4	7.98	175.6	264.2	10.61	103.5	92.6	1.11	127,000	8000	<1000	135,000	4220	3940	142,000	-
A2	15/05/2012	A2	B240844	6.1	7.97	263	-	10.3	84	-	-	-	-	-	123,000	<10,000	<10,000	-	129,000
	18/06/2012	A2	B252527	4.7	7.39	230	-	13.5	105	-	-	-	-	-	105,000	<10,000	<10,000	-	111,000
	24/07/2012	A2	B265706	8.6	8.49	152.2	-	8.8	89.1	-	-	-	-	-	123,000	<10,000	<10,000	-	133,000
	25/08/2012	A2	B276408	8.8	9.63	181.6	-	10.4	105.9	88.8	-	-	-	-	134,000	<10,000	<10,000	-	153,000
	17/09/2012	A2	B283851	4.3	8.37	163.6	-	14.88	134.5	78.3	-	-	-	-	140,000	<10,000	<10,000	-	157,000
	24/10/2012	A2	B297129	2.64	8.37	167	291	12.23	90.2	122	0.72	-	1310	-	141,000	<10,000	<10,000	-	-
	24/10/2012	A2-DUP	B297129	2.64	8.37	167	291	12.23	90.2	122	0.72	-	<500	-	139,000	<10,000	<10,000	-	-
	24/11/2012	A2	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	141,000	6100	5900	-	-
	15/12/2012	A2	B2B4014	1.02	8.52	160	295	11.68	82.3	-	-	-	-	-	143,000	5900	5900	-	168,000
	25/01/2013	A2	B306701	1.18	7.94	168	308	12.45	88.3	98	-	-	-	-	146,000	6000	5400	-	177,000
	20/02/2013	A2	B314188	1.87	8.5	167	300	9.34	67.6	100	0.28	-	-	-	143,000	5300	5000	-	159,000
	20/03/2013	A2	B322778	1.69	8.19	167	301	11.64	83.7	139	0.42	-	-	-	149,000	6400	5900	-	163,000
	17/04/2013	A2	B330896	1.6	8.34	167.8	303.5	12.14	87.1	103	2.51	-	-	-	148,000	5800	6300	-	158,000
	23/05/2013	A2	B341817	3.5	8.11	101.4	172.2	11.59	103.3	242.3	-	-	-	-	107,000	<3000	<3000	-	114,000
	20/06/2013	A2	B351922	4.5	7.84	100.7	165.2	11.22	104	202.8	-	-	-	-	93,500	<3000	<3000	-	93,700
	17/07/2013	A2	B361290	6.32	8.41	199	310	11.14	90.3	61	4.31	-	-	-	131,000	3800	4100	-	128,000
	26/08/2013	A2	B376191	9.6	7.84	117.3	-	8.85	87.2	189.8	-	-	-	-	142,000	3500	5500	-	154,000
	25/09/2013	A2	B387669	5.1	7.13	151.3	244.2	9.94	82.3	191.3	-	-	-	-	142,000	5100	5100	-	149,000
	24/10/2013	A2	B399472	3.8	8.24	165.5	278	11.68	88.9	275.6	-	-	-	-	136,000	5300	6200	-	164,000
	20/11/2013	A2	B3A8665	0.1	8.41	156.6	298.3	12.93	94.7	256.7	-	-	-	-	142,000	6000	4700	-	167,000
	22/12/2013	A2	B3B7782	0.8	8.31	161.3	299.6	11.91	96.6	216.08	-	-	-	-	146,000	4900	5500	-	152,000
	28/01/2014	A2	B407313	0.1	8.48	-	301.2	11.76	81	167.4	-	-	-	-	146,000	4300	3900	-	165,000
	26/02/2014	A2	B416171	0	8.07	-	313.9	12.68	86.9	131.6	-	-	-	-	150,000	5900	5100	-	165,000
	27/03/2014	A2	B424928	0.08	8.13	-	264.1	11.88	93.6	185.5	-	-	-	-	147,000	5800	5400	-	167,000
	24/04/2014	A2	B432952	3.5	8.33	-	246.5	11.56	87.1	144.6	-	-	-	-	147,000	6000	6100	-	170,000
	15/05/2014	A2	B439804	5.5	8.37	-	228	10.71	85.1	261.1	17.04	-	-	-	136,000	4200	4500	-	152,000
	22/05/2014	A2	B442060	6.2	8.33	-	184.8	10.77	86.9	257.9	41.96	-	-	-	121,000	<3000	<3000	-	123,000
	29/05/2014	A2	B444272	4.4	8.37	-	175.6	11.55	89	270.5	13.27	-	-	-	112,000	3000	<3000	-	119,000
	05/06/2014	A2	B446972	5.7	8.28	138.7	193.4	10.84	86.5	239.4	10.85	-	-	-	111,000	<3000	<3000	-	126,000
	05/06/2014	A2-DUP	B446972	5.7	8.28	138.7	193.4	10.84	86.5	239.4	10.85	-	-	-	110,000	<3000	<3000	-	115,000
	12/06/2014	A2	B449500	5.6	8.42	-	197.6	11.3	89.6	279	7.02	-	-	-	116,000	<3000	<3000	-	120,000
	24/07/2014	A2	B464009	6.3	8.39	-	229.6	11.68	94.6	218.2	5.08	-	-	-	132,000	5500	4900	-	148,000
	21/08/2014	A2	B474408	6.6	8.22	-	243.5	7.96	77.2	179.1	1.96	-	-	-	141,000	4400	4500	-	156,000
	28/08/2014	A2	B476541	8.28	8.36	-	270	10.01	85.2	144	1.12	-	-	-	138,000	4600	4400	-	150,000
	05/09/2014	A2	B479164	8.83	8.42	-	269	10.39	89.7	130	2.85	-	-	-	136,000	5400	4400	-	151,000
	12/09/2014	A2	B481292	4.96	8.43	-	231	11.07	86.8	137	1.97	-	-	-	136,000	5400	5700	-	170,000
	18/09/2014	A2	B483962	8.11	8.48	-	225	10.01	87.3	137	1.61	-	-	-	135,000	4900	4800	-	159,000
	30/10/2014	A2	B499587	5.4	8.5	-	278.4	11.06	87.6	259.9	2.34	-	-	-	141,000	4800	5100	-	160,000
	27/11/2014	A2	B4A9093	3.1	8.34	-	208.2	10.86	81	221.9	0.86	-	-	-	135,000	5000	5000	-	151,000
	18/12/2014	A2	B4B5326	1.9	8.3	-	252.8	11.99	86.4	203.7	0.67	-	-	-	148,000	4200	4600	-	167,000
	18/12/2014	A2-DUP	B4B5326	1.9	8.3	-	252.8	11.99	86.4	203.7	0.67	-	-	-	146,000	4100	5300	-	159,000
	22/01/2015	A2	B505986	0.8	8.38	-	254.5	14.9	99.2	214.9	0.28	-	-	-	145,000	5600	6100	-	162,000
	27/02/2015	A2	B516449	0	8.15	-	315.4	13.66	93.8	159	0.31	-	<500	-	151,000	5100	-	-	-
	26/03/2015	A2	B525184	2.1	8.14	-	231.5	11.35	82.3	205.1	1.25	-	<500	-	142,000	5700	-	-	-
	23/04/2015	A2	B533584	5.5	8.45	-	252.8	10.31	81.8	209.9	1.68	-	-	-	129,000	<15,000	3600	-	132,000
	15/05/2015	A2	B540628	3.5	8.25	-	201.6	13.45	101.2	242.1	1.2	-	-	-	134,000	3700	4100	-	149,000
	21/05/2015	A2	B542667	6.4	8.54	-	295.5	12.44	101	242.1	2.25	-	-	-	116,000	3200	<3000	-	115,000
	21/05/2015	A2-DUP	B542667	6.4	8.54	-	295.5	12.44	101	242.1	2.25	-	-	-	119,000	<3000	<3000	-	129,000
	28/05/2015	A2	B545872	4.3	8.2	-	194.4	10.7	82.3	271.5	7.7	-	-	-	111,000	<3000	<3000	-	127,000
	04/06/2015	A2	B547761	3.5	8.12	-	195.3	12.26	92.3	362.2	8.38	-	-	-	110,000	<15,000	<3000	-	125,000
	11/06/2015	A2	B549906	6.2	8.31	-	203.7	9.63	77.7	298.8	1.93	-	-	-	121,000	<3000	<3000	-	119,000
	23/07/2015	A2	B563471	6.1	8.31	-	239.9	11.39	91.6	356.5	0.1	-	-	-	139,000	4300	4100	-	138,000
	20/08/2015	A2	B572515	6.9	8.35	-	239.9	10.35	85	95.1	0.16	-	-	-	139,000	4700	4800	-	155,000
	27/08/2015	A2	B575103	6.2	8.32	-	252.7	10.97	88.5	163.4	0.38	-	-	-	141,000	4300	4900	-	156,000
	03/09/2015	A2	B577658	-	-	-	-	-	-	-	-	-	-	-	142,000	4300	4700	-	158,000
	10/09/2015	A2	B579637	5.6	8.31	-	249.9	10.91	86.8	150.3	1.13	-	-	-	137,000	5700	6200	-	160,000
	17/09/2015	A2	B582068	6.1	8.31	-	191.6	10.85	87.4	151.3	0.54	-	-	-	137,000	5300	5400	-	158,000
	12/05/2016	A2	B637198	3.4	8.48	-	190.8	12.59	94.6	221.7	2.35	-	-	-	124,000	<15,000	3100	-	126,000
	20/07/2018	A2	L2133661	12.25	8.47	210.6	278.1	9.08	100.6	51.8	-	129,000	4200	<1000	133,000	4980	4430	140,000	-
	09/11/2018	A2	L2195291	1.88	8.33	170	304.1	11.48	98.2	46.3	1.67	146,000	4600	<1000	150,000	6400	5640	174,000	-
	05/03/2019	A2	L2240838	-0.1	8.27	-	314.5	12.81	87.5	31.8	0.67	157,000	<1000	<1000	157,000	6250	5950	161,000	-
	17/06/2019	A2	L2295044	7.01	7.69	162.1	246.5	10.68	104	60.9	1.36	118,000	7000	<1000	125,000	3610	3440	133,000	-

General Chemistry

Sample Date	Sample ID	Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life						Variable			32.8#4					Variable						0.005				600	600	Variable#4											
BC WQG Working - Fresh Water Aquatic Life																																					
CWQG Aquatic Life Freshwater - Long Term						Variable					13	13				0.197				0.004				120	120	0.12					6.5-9						
CWQG Aquatic Life Freshwater - Short Term											550	550												640	640												
14/05/2012	A1	164	<0.5	<0.5	<0.5	0.0084	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	0.072	-	-	<0.005	-	269	-	0.84	0.14	<0.01	-	-	-	8.3	-	8.73	149	-	52.1	8.82
18/06/2012	A1	133	<0.5	<0.5	<0.5	0.0079	-	-	0.032	-	-	-	0.039	0.0065	-	-	-	0.0617	-	-	0.0074	-	219	-	0.64	0.12	<0.01	-	-	-	8.13	-	5.98	123	-	42.4	18.8
23/07/2012	A1	159	<0.5	<0.5	<0.5	0.099	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0092	-	-	<0.005	-	264	-	0.9	0.16	<0.01	-	-	-	8.18	-	9.6	142	-	6	0.54
25/08/2012	A1	177	<0.5	<0.5	<0.5	0.0073	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	296	-	1.4	0.18	<0.01	-	-	-	8.27	-	12.6	161	-	2.2	0.35
17/09/2012	A1	182	2.03	<0.5	1.69	0.029	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	310	-	1.4	0.17	<0.01	-	-	-	8.35	-	13.7	158	-	1.1	0.17
24/10/2012	A1	181	1	<0.5	0.83	0.025	-	-	-	-	<0.02	-	<0.02	<0.005	-	-	<0.02	<0.005	-	-	<0.005	-	311	-	1.1	0.18	<0.01	-	-	-	8.32	-	16.5	161	162	<1	0.13
23/11/2012	A1	182	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.04	-	0.04	<0.005	-	-	0.04	<0.005	-	-	<0.005	-	311	-	1.6	0.16	<0.01	-	-	-	8.21	-	15	170	171	<1	0.24
15/12/2012	A1	187	<0.5	<0.5	<0.5	<0.005	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	<0.005	-	-	<0.005	-	318	-	1.2	0.17	<0.01	-	-	-	8.26	-	16.6	177	-	1.3	1.06
24/01/2013	A1	189	<0.5	<0.5	<0.5	0.011	-	-	0.045	-	-	-	0.045	<0.005	-	-	-	0.006	-	-	<0.005	-	322	-	1.5	0.15	<0.01	-	-	-	8.16	-	16.4	167	-	1.9	0.3
24/01/2013	A1-DUP	188	<0.5	<0.5	<0.5	0.017	-	-	0.051	-	-	-	0.051	<0.005	-	-	-	0.0072	-	-	<0.005	-	325	-	1.6	0.15	<0.01	-	-	-	8.19	-	16	164	-	1.9	0.19
20/02/2013	A1	192	<0.5	<0.5	<0.5	0.0063	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	<0.005	-	-	<0.005	-	328	-	1.6	0.16	<0.01	-	-	-	8.24	-	16.7	175	-	<1	0.11
20/03/2013	A1	192	<0.5	<0.5	<0.5	0.012	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	<0.005	-	-	<0.005	-	328	-	1.7	0.16	<0.01	-	-	-	8.25	-	17.2	170	-	1.3	0.2
17/04/2013	A1	193	<0.5	<0.5	<0.5	0.0072	-	-	0.035	-	-	-	0.035	<0.005	-	-	-	0.0123	-	-	<0.005	-	329	-	1.8	0.16	<0.01	-	-	-	8.14	-	18.6	175	-	7.6	1.63
23/05/2013	A1	138	<0.5	<0.5	<0.5	0.019	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.134	-	-	0.0072	-	223	-	0.9	0.11	<0.01	-	-	-	8.16	-	7.34	133	-	101	37.8
20/06/2013	A1	122	<0.5	<0.5	<0.5	0.036	-	-	0.05	-	-	-	0.056	0.0057	-	-	-	1.13	-	-	0.0134	-	204	-	1.6	0.12	<0.01	-	3.98	5.86	8.02	-	6.05	231	-	860	380
17/07/2013	A1	171	<0.5	<0.5	<0.5	0.008	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0067	-	-	<0.005	-	291	-	1.1	0.17	<0.01	-	0.94	1.66	8.13	-	11.5	152	-	2.6	0.46
26/08/2013	A1	184	2.23	<0.5	1.86	0.0087	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	311	-	1.3	0.16	<0.01	-	0.92	0.53	8.35	-	13.9	162	-	1.5	0.26
25/09/2013	A1	185	2.05	<0.5	1.71	0.009	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	<0.005	-	-	<0.005	-	316	-	1	0.17	<0.01	-	1.03	1.36	8.33	-	15.4	163	-	1	0.29
24/10/2013	A1	180	<0.5	<0.5	<0.5	0.011	-	-	0.025	-	-	-	0.025	<0.005	-	-	-	<0.005	-	-	<0.005	-	313	-	1.1	0.18	<0.01	-	0.81	0.99	8.18	-	16.7	177	-	<1	0.12
20/11/2013	A1	197	<0.5	<0.5	<0.5	0.0055	-	-	0.067	-	-	-	0.067	<0.005	-	-	-	<0.005	-	-	<0.005	-	344	-	1.6	0.17	<0.01	-	0.57	<0.5	8.24	-	18	160	-	<1	0.23
22/12/2013	A1	196	<0.5	<0.5	<0.5	0.018	-	-	0.091	-	-	-	0.091	<0.005	-	-	-	<0.005	-	-	<0.005	-	332	-	1.3	0.15	<0.01	-	<0.5	<0.5	8.25	-	17.3	167	-	<1	0.36
22/12/2013	A1-DUP	193	<0.5	<0.5	<0.5	0.014	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	<0.005	-	-	<0.005	-	331	-	1.4	0.14	<0.01	-	<0.5	0.68	8.25	-	17.5	166	-	<1	0.26
28/01/2014	A1	195	<0.5	<0.5	<0.5	0.0086	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	<0.005	-	-	<0.005	-	339	-	1.4	0.16	<0.01	-	<0.5	1.51	8.23	-	17.7	174	-	<1	0.27
28/01/2014	A1-DUP	195	<0.5	<0.5	<0.5	0.0089	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	<0.005	-	-	<0.005	-	338	-	1.2	0.17	<0.01	-	<0.5	<0.5	8.27	-	17.9	173	-	<1	0.36
27/02/2014	A1	193	<0.5	<0.5	<0.5	0.025	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	<0.005	-	-	<0.005	-	333	-	1.5	0.15	<0.01	-	1.18	1.3	8.3	-	18.2	175	-	<1	0.64
27/03/2014	A1	187	1.79	<0.5	1.49	0.01	-	-	0.053	-	-	-	0.053	<0.005	-	-	-	<0.005	-	-	<0.005	-	330	-	2.5	0.15	<0.01	-	1.61	1.11	8.33	-	18.7	174	-	<1	0.16
24/04/2014	A1	189	3.65	<0.5	3.04	0.0079	-	-	0.055	-	-	-	0.055	<0.005	-	-	-	0.007	-	-	<0.005	-	343	-	2.6	0.15	<0.01	-	0.98	0.58	8.4	-	18	183	-	3.6	1.34
15/05/2014	A1	179	<0.5	<0.5	<0.5	0.06	-	-	0.074	-	-	-	0.074	<0.005	-	-	-	0.0296	-	-	<0.005	-	305	-	1.5	0.14	<0.01	-	1	1.98	8.28	-	14.7	164	-	22.9	4.4
22/05/2014	A1	157	<0.5	<0.5	<0.5	0.013	-	-	0.12	-	-	-	0.12	<0.005	-	-	-	0.104	-	-	<0.005	-	255	-	0.83	0.12	<0.01	-	2.89	4.52	8.22	-	8.58	145	-	63.5	14.5
29/05/2014	A1	147	<0.5	<0.5	<0.5	0.019	-	-	0.086	-	-	-	0.086	<0.005	-	-	-	0.037	-	-	0.0171	-	247	-	0.74	0.13	<0.01	-	2.2	2.61	8.24	-	9.14	133	-	18	8.25
05/06/2014	A1	143	<0.5	<0.5	<0.5	0.015	-	-	-	-	-	-	0.056	-	-	-	-	0.0094	-	-	0.0077	-	238	-	1.1	0.13	<0.01	-	0.9	1.59	8.18	-	7.13	127	-	15.2	6.49
12/06/2014	A1	149	<0.5	<0.5	<0.5	0.013	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	0.0194	-	-	0.0065	-	244	-	0.7	0.14	<0.01	-	<0.5	1.2	8.26	-	7.64	132	-	11.8	2.48
24/07/2014	A1	176	<0.5	<0.5	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	292	-	1.1	0.17	<0.01	-	1.61	<0.5	8.27	-	12.4	163	-	1.3	0.26
21/08/2014	A1	183	1.96	<0.5	1.63	0.0093	-	-	0.028	-	-	-	0.028	<0.005	-	-	-	<0.005	-	-	<0.005	-	311	-	1.1	0.16	<0.01	-	0.58	1.55	8.34	-	13.8	161	-	<1	0.18
28/08/2014	A1	182	0.77	<0.5	0.64	0.028	-	-	0.028	-	-	-	0.028	<0.005	-	-	-	<0.005	-	-	<0.005	-	306	-	1.1	0.17	<0.01	-	<0.5	1.77	8.3	-	14.3	156	-	<1	0.31
05/09/2014	A1	181	0.68	<0.5	0.57	0.0096	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	<0.005	-	-	<0.005	-	298	-	0.76	0.16	<0.01	-	0.77	1.43	8.3	-	14.8	159	-	1.5	0.22
12/09/2014	A1	180	<0.5	<0.5	<0.5	0.033	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	<0.005	-	-	<0.005	-	298	-	1.3	0.16	<0.01	-	<0.5	1.77	8.27	-	13.4	197	-	<1	0.15
18/09/2014	A1	173	2.02	<0.5	1.68	0.012	-	-	0.024	-	-	-	0.024	<0.005	-	-	-	<0.005	-	-	<0.005	-	294	-	0.78	0.18	<0.01	-	<0.5	3.04	8.34	-	14.3	167	-	<1	0.27
30/10/2014	A1	186	<0.5	<0.5	<0.5	0.008	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	<0.005	-	-	<0.005	-	310	-	1.2	0.15	<0.01	-	0.8	0.82	8.25	-	16.3	163	-	<1	0.12
28/11/2014	A1	165	<0.5	<0.5	<0.5	<0.005	-	-	0.079	-	-	-	0.079	<0.005	-	-	-	0.0119	-	-	<0.005	-	294	-	1.2	0.15	<0.01	-	1.68	1.71	8.18	-	15.2	161	-	7.3	0.42
18/12/2014	A1	194	<0.5	<0.5	<0.5	0.014	-	-	0.067	-	-	-	0.067	<0.005	-	-	-	<0.005	-	-	<0.005	-	323	-	1.7	0.15	<0.01	-	0.83	<0.5	8.27	-	15.8	161	-	<1	0.11
22/01/2015	A1	189	<0.5	<0.5	<0.5	0.0063	-	-	0.073	-	-	-	0.073	<0.005	-	-	-	0.0056	-	-	<0.005	-	325	-	1	0.16	<0.01	-	<0.5	0.7	8.24	-	16.2	183	-	4.3	0.18
27/02/2015	A1	199	0.7	<0.5	0.58	0.0056	-	-	-	-	0.047	-	0.047	<0.005	-	-	-	<0.005	-	-	<0.005	-	341	-	1.5	0.14	<0.01	-	0.58	<0.5	8.31	-	17.1	180	181	<1	0.12
26/03/2015	A1	187	<0.5	<0.5	<0.5	0.016	-	-	-	-	0.054	-	0.054	<0.005	-	-	-	0.0094	-	-	0.0088	-	339	-	1.8	0.15	<0.01	-	1.05	0.87	8.22	-	16.6	175	179	2	0.5
26/03/2015	A1-DUP	189	<0.5	<0.5	<0.5	0.019	-	-	-	-	0.051	-	0.051	<0.005	-	-	-	0.0461	-	-	<0.005	-	337	-	1.8	0.15	<0.01	-	1.03	0.62	8.27	-	16.4	175	184	1.4	<0.1
23/04/2015	A1	168	<0.5	<0.5	<0.5	0.011	-	-	0.055	-	-	-	0.061	0.0051	-	-	-	0.0445	-	-	0.0061	-	287	-	1.3	0.14	<0.01	-	1.21	1.29	8.16	-	11.6	156	-	31.9	2.49
15/05/2015	A1	168	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0104	-	-	<0.005	-	287	-	0.55	0.15	<0.01	-	1.42	1.31	8.27	-	11.5	156	-	29.8	0.56
21/05/2015	A1	153	<0.5	<0.5	<0.5	0.033	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0092	-	-	<0.005	-	264	-	0.74	0.14	<0.01	-	0.86	0.51	8.08	-	9.44	141	-	8.1	0.57
28/05/2015	A1	143	<0.5	<0.5	<0.5	0.0086	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	0.0286	-	-	<0.005	-	246	-	0.94	0.12	<0.01	-	1.18	1.17	8.03	-	7.94	134	-	20.6	3.25
04/06/2015	A1	145	<0.5	<0.5	<0.5	0.0085	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	0.0438	-	-	<0.005	-	243	-	<0.5	0.13	<0.01	-	1.89	1.65	8.15	-	6.53	130	-	28.5	4.9
11/06/2015	A1	157	<0.5	<0.5	<0.5	0.014	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	0.0127	-	-	<0.005	-	259	-	<0.5	0.15	<0.01	-	0.95	0.75	8.11	-	9.27	145	-	3.3	0.64
23/07/2015	A1	182	1.81	<0.5	1.51	0.0092	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	<0.005	-	-	<0.005	-	309	-	1.1	0.17	<0.01	-	2.41	<0.5	8.37	-	14.1	159	-	1.4	0.2
20/08/2015	A1	186	<0.5	<0.5	<0.5	0.0087	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	<0.005	-	-	<0.005	-	315	-	1.1	0.17	<0.01	-	<0.5	<0.5	8.17	-	14.1	173	-	<1	0.17
27/08/2015	A1	186	<0.5	<0.5	<0.5	0.019	-	-	0.028	-	-	-	0.028	<0.005	-	-	-	<0.005	-	-	<0.005	-	317	-	0.96	0.16	<0.01	-	0.56	0.61	8.19	-	14.6	167	-	<1	0.87
03/09/2015	A1	179	3.04	<0.5	2.53	0.0082	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0125	-	-	<0.005	-	309	-	1.4	0.17	<0.01	-	0.51	0.52	8.39	-	14.7	168	-	3.2	2.39
10/09/2015	A1	175	<0.5	<0.5	<0.5	0.011	-	-	0.044	-	-	-	0.044	<0.005	-	-	-	<0.005	-	-	<0.005	-	302	-	1.1	0.18	<0.01	-	<0.5	1	8.18	-	15.6	174	-	1.2	0.24
17/09/2015	A1	174	1.21	<0.5	1.01	0.011	-	-	0.033	-	-	-	0.033	<0.005	-	-	-	<0.005	-	-	<0.005	-	312	-	1.4	0.16	<0.01	-	0.61	<0.5	-	-	14.9	173	-	<1	0.28
12/05/2016	A1	156	<0.5	<0.5	<0.5	0.015	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	0.009	-	-	<0.005	-	258	-	0.82	0.16	<0.01	-	1.5	<0.5	8.21	-	14.9	132	-	7.6	1.21
20/07/2018	A1	-	-	-	-	-	0.007	<0.05	0.007	-	-	-	0.007	<0.001	-	-	-	<0.05 - 0.0037	<0.05	-	-	0.0013	294	0.63	-	0.176	<0.05	-	0.75	0.97	8.49	14.1	-	-	-	<3	0.47
09/11/2018	A1	-	-	-	-	-	0.0054	0.054	0.0455	-	-	-	0.0455	<0.001	-	-	-	<0.05 - 0.0043	<0.05	-	-	<0.001	314	0.76	-	0.171	<0.05	-	0.79	0.63	8.39	18.4	-	-	-	<3	0.65
04/03/2019	A1	-	-	-	-	-	0.0066	<0.05	0.0788	-	-	-	0.0788	<0.001	-	-	-	<0.05 - 0.0039	<0.05	-	-	0.0011	342	1.11	-	0.165	<0.05	-	0.55	<0.5	8.31	19.7	-	-	-	<3	0.27
04/03/2019	A1-DUP	-	-	-	-	-	<0.005	<0.05	0.0761	-	-	-	0.0761	<0.001	-	-	-	<0.05 - 0.0045	<0.05	-	-	0.0012	349	1.1	-	0.162	<0.05	-	0.74	0.62	8.25	19.7	-	-	-	<3	0.28
18/06/2019	A1	-	-	-	-	-	0.047	0.09	0.0194	-	-	-	0.0194	<0.001	-	-	-	<0.05 - 0.0061	<0.05	-	-	<0.001	268	<0.5	-	0.178	<0.05	-	1	0.84	8.46	11.8	-	-	-	4.1	0.6
15/05/2012	A2	150	<0.5	<0.5	<0.5	0.0062	-	-	0.097	-	-	-	0.097	<0.005	-	-	-	0.0749	-	-	0.0059	-	240	-	0.59	0.12	<0.01	-	-	-	8.13	-	7.17	137	-	54	9
18/06/2012	A2	129	<0.5	<0.5	<0.5	0.007	-	-	0.036	-	-	-	0.043	0.0066	-	-	-	0.0695	-	-	0.0074	-	208	-	<0.5	0.12	<0.01	-	-	-	8.1	-	4.84	116	-	47.3	15.3
24/07/2012	A2	150	<0.5	<0.5	<0.5	0.43	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0093	-	-	<0.005	-	246	-	<0.5	0.17	<0.01	-	-	-	8.19	-	8.51	130	-	3.9	0.41
25/08/2012	A2	163	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	276	-	0.56	0.19	<0.01	-	-	-	8.26	-	11.1	153	-	1.9	0.2
17/09/2012	A2	171	<0.5	<0.5	<0.5	0.012	-	-	0.034	-	-	-	0.034	<0.005	-	-	-	<0.005	-	-	<0.005	-	284	-	0.8	0.18	<0.01	-	-	-	8.14	-	12.7	151	-	<1	0.13
24/10/2012	A2	169	1.57	<0.5	1.31	0.018	-	-	-	-	0.048	-	0.048	<0.005	-	-	0.048	<0.005	-	-	<0.005	-	292	-	<0.5	0.18	<0.01	-	-	-	8.36	-	15.3	151	156	<1	0.11
24/10/2012	A2-DUP	170	<0.5	<0.5	<0.5	0.0099	-	-	-	-	0.047	-	0.047	<0.005	-	-	0.047	<0.005	-	-	<0.005	-	293	-	<0.5	0.18	<0.01	-	-	-	8.31	-	14.7	153	153	<1	<0.1
24/11/2012	A2	172	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.041	-	0.041	<0.005	-	-	0.041	<0.005	-	-	<0.005	-	291	-	0.64	0.16	<0.01	-	-	-	8.21	-	14.8	166	162	<1	0.21
15/12/2012	A2	175	<0.5	<0.5	<0.5	<0.005	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	<0.005	-	-	<0.005	-	299	-	<0.5	0.18	<0.01	-	-	-	8.24	-	15	167	-	<1	0.14
25/01/2013	A2	179	<0.5	<0.5	<0.5	0.015	-	-	0.064	-	-	-	0.064	<0.005	-	-	-	<0.005	-	-	<0.005	-	306	-	0.83	0.16	<0.01	-	-	-	8.14	-	14.8	160	-	<1	<0.1
20/02/2013	A2	175	<0.5	<0.5	<0.5	0.016	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	<0.005	-	-	<0.005	-	295	-	0.84	0.16	<0.01	-	-	-	8.09	-	15.9	163	-	<1	<0.1
20/03/2013	A2	182	<0.5	<0.5	<0.5	0.019	-	-	0.06	-	-	-	0.06	<0.005	-	-	-	<0.005	-	-	<0.005	-	308	-	0.84	0.16	<0.01	-	-	-	8.22	-	16.1	165	-	<1	0.13
17/04/2013	A2	180	<0.5	<0.5	<0.5	0.0054	-	-	0.054	-	-	-	0.054	<0.005	-	-	-	<0.005	-	-	<0.005	-	304	-	0.87	0.16	<0.01	-	-	-	8.3	-	17.1	157	-	1.4	0.18
23/05/2013	A2	131	<0.5	<0.5	<0.5	0.035	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.139	-	-	0.0104	-	211	-	0.67	0.1	<0.01	-	-	-	8.21	-	6.16	117	-	100	19.3
20/06/2013	A2	114	<0.5	<0.5	<0.5	0.04	-	-	0.052	-	-	-	0.059	0.0069	-	-	-	1.06	-	-	0.0139	-	184	-	0.79	0.11	<0.01	-	3.88	4.6	8.07	-	3.84	188	-	739	372
17/07/2013	A2	160	<0.5	<0.5	<0.5	0.0061	-	-	0.034	-	-	-	0.034	<0.005	-	-	-	0.0072	-	-	<0.005	-	263	-	0.51	0.17	<0.01	-	<0.5	1.78	8.13	-	10.1	135	-	2.6	0.29
26/08/2013	A2	173	<0.5	<0.5	<0.5	0.0076	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0056	-	-	<0.005	-	284	-	0.64	0.16	<0.01	-	0.83	1.08	8.28	-	12.7	151	-	1.4	<0.1
25/09/2013	A2	171	0.84	<0.5	0.7	0.0076	-	-	0.059	-	-	-	0.059	<0.005	-	-	-	<0.005	-	-	<0.005	-	289	-	<0.5	0.18	<0.01	-	0.68	0.75	8.3	-	14.2	152	-	1.2	0.29
24/10/2013	A2	166	<0.5	<0.5	<0.5	0.012	-	-	0.035	-	-	-	0.035	<0.005	-	-	-	<0.005	-	-	<0.005	-	291	-	0.57	0.19	<0.01	-	0.76	2.12	8.26	-	16.2	163	-	<1	0.13
20/11/2013	A2	173	<0.5	<0.5	<0.5	0.006	-	-	0.058	-	-	-	0.058	<0.005	-	-	-	0.0192	-	-	<0.005	-	305	-	0.97	0.17	<0.01	-	1.03	<0.5	8.2	-	15.9	146	-	7.7	0.23
22/12/2013	A2	178	<0.5	<0.5	<0.5	0.013	-	-	0.077	-	-	-	0.077	<0.005	-	-	-	0.0059	-	-	<0.005	-	302	-	0.8	0.17	<0.01	-	<0.5	0.59	8.16	-	23.3	157	-	<1	0.28
28/01/2014	A2	178	<0.5	<0.5	<0.5	0.01	-	-	0.076	-	-	-	0.076	<0.005	-	-	-	<0.005	-	-	<0.005	-	309	-	<0.5	0.16	<0.01	-	<0.5	0.83	8.26	-	17.1	163	-	6.2	0.24
26/02/2014	A2	183	<0.5	<0.5	<0.5	0.013	-	-	0.075	-	-	-	0.075	<0.005	-	-	-	<0.005	-	-	<0.005	-	318	-	0.78	0.14	<0.01	-	1.26	1.28	8.29	-	16.8	165	-	<1	0.22
27/03/2014	A2	177	1.31	<0.5	1.09	0.009	-	-	0.069	-	-	-	0.069	<0.005	-	-	-	<0.005	-	-	<0.005	-	303	-	1.7	0.15	<0.01	-	0.96	0.53	8.32	-	18.1	160	-	<1	0.2
24/04/2014	A2	173	2.63	<0.5	2.19	0.006	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	<0.005	-	-	<0.005	-	312	-	<0.5	0.15	<0.01	-	0.71	0.57	8.37	-	16.7	167	-	1.3	0.35
15/05/2014	A2	166	<0.5	<0.5	<0.5	0.041	-	-	0.097	-	-	-	0.097	<0.005	-	-	-	0.0387	-	-	<0.005	-	282	-	<0.5	0.13	<0.01	-	<0.5	1.25	8.25	-	13.2	150	-	24.5	2.65
22/05/2014	A2	148	<0.5	<0.5	<0.5	0.011	-	-	0.128	-	-	-	0.128	<0.005	-	-	-	0.123	-	-	0.005	-	239	-	0.5	0.11	<0.01	-	2.27	2.65	8.21	-	7.18	132	-	44	12.3
29/05/2014	A2	137	<0.5	<0.5	<0.5	0.012	-	-	0.094	-	-	-	0.094	<0.005	-	-	-	0.0401	-	-	0.0171	-	230	-	<0.5	0.13	<0.01	-	2.3	2.17	8.21	-	7.38	125	-	22.3	7.82
05/06/2014	A2	135	<0.5	<0.5	<0.5	0.016	-	-	-	-	-	-	0.063	-	-	-	-	<0.005	-	-	0.0085	-	221	-	<0.5	0.12	<0.01	-	1.49	1.24	8.16	-	5.73	118	-	14.5	6.19
05/06/2014	A2-DUP	134	<0.5	<0.5	<0.5	0.013	-	-	-	-	-	-	0.064	-	-	-	-	0.0167	-	-	0.0086	-	220	-	0.67	0.12	<0.01	-	1.03	1.4	8.14	-	5.77	120	-	16.5	6.05
12/06/2014	A2	142	<0.5	<0.5	<0.5	0.026	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	0.0264	-	-	0.0074	-	229	-	<0.5	0.13	<0.01	-	1.7	2.35	8.23	-	6.63	128	-	14.6	2.05
24/07/2014	A2	161	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	267	-	<0.5	0.18	<0.01	-	0.98	0.56	8.25	-	11.2	147	-	1.4	0.2
21/08/2014	A2	172	<0.5	<0.5	<0.5	0.015	-	-	0.032	-	-	-	0.032	<0.005	-	-	-	<0.005	-	-	<0.005	-	285	-	0.52	0.17	<0.01	-	1.03	<0.5	8.28	-	12	152	-	<1	0.13
28/08/2014	A2	168	<0.5	<0.5	<0.5	0.02	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	<0.005	-	-	<0.005	-	280	-	0.54	0.18	<0.01	-	<0.5	1.46	8.29	-	13.3	147	-	<1	0.21
05/09/2014	A2	166	<0.5	<0.5	<0.5	0.014	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	<0.005	-	-	<0.005	-	275	-	1.2	0.17	<0.01	-	0.72	1.69	8.3	-	13.6	147	-	1.8	0.29
12/09/2014	A2	166	<0.5	<0.5	<0.5	0.026	-	-	0.045	-	-	-	0.045	<0.005	-	-	-	<0.005	-	-	<0.005	-	275	-	0.75	0.16	<0.01	-	1.64	0.67	8.29	-	12.4	172	-	1.2	0.22
18/09/2014	A2	162	1.55	<0.5	1.29	0.011	-	-	0.024	-	-	-	0.024	<0.005	-	-	-	<0.005	-	-	<0.005	-	272	-	<0.5	0.19	<0.01	-	0.86	1.3	8.32	-	13.1	150	-	<1	0.17
30/10/2014	A2	172	<0.5	<0.5	<0.5	0.017	-	-	0.03	-	-	-	0.03	<0.005	-	-	-	<0.005	-	-	<0.005	-	283	-	0.54	0.16	<0.01	-	0.86	0.54	8.28	-	16.8	145	-	<1	0.15
27/11/2014	A2	165	<0.5	<0.5	<0.5	0.012	-	-	0.062	-	-	-	0.062	<0.005	-	-	-	<0.005	-	-	<0.005	-	286	-	0.92	0.16	<0.01	-	1.81	1.39	8.13	-	14.7	153	-	<1	0.15
18/12/2014	A2	180	<0.5	<0.5	<0.5	0.009	-	-	0.083	-	-	-	0.083	<0.005	-	-	-	0.0075	-	-	<0.005	-	300	-	0.76	0.16	<0.01	-	0.65	0.52	8.27	-	14.9	151	-	<1	0.13
18/12/2014	A2-DUP	178	<0.5	<0.5	<0.5	0.024	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	<0.005	-	-	<0.005	-	300	-	0.72	0.16	<0.01	-	0.5	<0.5	8.22	-	15.5	149	-	<1	0.15
22/01/2015	A2	177	<0.5	<0.5	<0.5	0.0095	-	-	0.059	-	-	-	0.059	<0.005	-	-	-	<0.005	-	-	<0.005	-	300	-	0.67	0.16	<0.01	-	0.62	0.55	8.23	-	15.1	168	-	<1	<0.1
27/02/2015	A2	184	<0.5	<0.5	<0.5	0.0056	-	-	-	-	0.076	-	0.076	<0.005	-	-	-	<0.005	-	-	<0.005	-	310	-	<0.5	0.14	<0.01	-	1.22	<0.5	8.26	-	15.4	163	165	<1	0.26
26/03/2015	A2	174	<0.5	<0.5	<0.5	0.009	-	-	-	-	0.081	-	0.081	<0.005	-	-	-	0.0372	-	-	<0.005	-	309	-	<0.5	0.15	<0.01	-	0.93	1.07	8.2	-	15.4	161	164	<1	0.15
23/04/2015	A2	158	<0.5	<0.5	<0.5	0.0079	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	0.0314	-	-	<0.005	-	267	-	0.53	0.13	<0.01	-	2.52	3.09	8.28	-	10.3	134	-	19	2.61
15/05/2015	A2	163	<0.5	<0.5	<0.5	0.016	-	-	0.025	-	-	-	0.025	<0.005	-	-	-	0.0058	-	-	<0.005	-	271	-	<0.5	0.15	<0.01	-	1.42	0.53	8.29	-	10.5	145	-	3	0.38
21/05/2015	A2	142	<0.5	<0.5	<0.5	0.027	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0112	-	-	<0.005	-	245	-	0.59	0.13	<0.01	-	1.52	0.92	8.2	-	8.44	129	-	6.7	0.54
21/05/2015	A2-DUP	145	<0.5	<0.5	<0.5	0.033	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0126	-	-	<0.005	-	245	-	<0.5	0.15	<0.01	-	1.24	1.37	8.19	-	7.75	126	-	5.6	0.52
28/05/2015	A2	135	<0.5	<0.5	<0.5	0.0052	-	-	0.049	-	-	-	0.049	<0.005	-	-	-	0.0353	-	-	<0.005	-	230	-	<0.5	0.12	<0.01	-	0.81	1.53	8.06	-	6.54	125	-	18.1	2.58
04/06/2015	A2	134	<0.5	<0.5	<0.5	0.016	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.0313	-	-	<0.005	-	231	-	<0.5	0.12	<0.01	-	1.73	1.6	7.93	-	5.67	124	-	24	2.55
11/06/2015	A2	147	<0.5	<0.5	<0.5	0.01	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0153	-	-	<0.005	-	242	-	<0.5	0.15	<0.01	-	1.26	<0.5	8.22	-	8.32	128	-	6	1.04
23/07/2015	A2	170	<0.5	<0.5	<0.5	0.0093	-	-	0.033	-	-	-	0.033	<0.005	-	-	-	<0.005	-	-	<0.005	-	285	-	0.52	0.17	<0.01	-	1.57	1.4	8.26	-	13.1	148	-	1.3	0.21
20/08/2015	A2	169	<0.5	<0.5	<0.5	0.0093	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	<0.005	-	-	<0.005	-	292	-	<0.5	0.18	<0.01	-	<0.5	<0.5	8.18	-	13.5	157	-	<1	0.17
27/08/2015	A2	172	<0.5	<0.5	<0.5	0.017	-	-	0.052	-	-	-	0.052	<0.005	-	-	-	<0.005	-	-	<0.005	-	295	-	<0.5	0.17	<0.01	-	<0.5	<0.5	8.17	-	13.4	151	-	<1	0.21
03/09/2015	A2	170	1.94	<0.5	1.62	0.012	-	-	0.055	-	-	-	0.055	<0.005	-	-	-	<0.005	-	-	<0.005	-	295	-	<0.5	0.18	<0.01	-	<0.5	<0.5	8.37	-	13.9	156	-	<1	0.49
10/09/2015	A2	167	<0.5	<0.5	<0.5	0.034	-	-	0.051	-	-	-	0.051	<0.005	-	-	-	<0.005	-	-	<0.005	-	289	-	0.74	0.19	<0.01	-	<0.5	0.85	8.25	-	16.2	154	-	1.1	0.31
17/09/2015	A2	167	<0.5	<0.5	<0.5	0.026	-	-	0.057	-	-	-	0.057	<0.005	-	-	-	0.0067	-	-	<0.005	-	292	-	0.86	0.17	<0.01	-	<0.5	<0.5	-	-	16.2	154	-	<1	0.13
12/05/2016	A2	151	<0.5	<0.5	<0.5	0.017	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	0.01	-	-	<0.005	-	248	-	0.62	0.15	<0.01	-	<0.5	1.08	8.25	-	10.4	127	-	4	1.03
20/07/2018	A2	-	-	-	-	-	<0.005	<0.05	0.0133	-	-	-	0.0133	<0.001	-	-	-	<0.05 - 0.0053	<0.05	-	-	0.001	276	<0.5	-	0.181	<0.05	-	0.62	0.74	8.46	13.3	-	-	-	<3	0.37
09/11/2018	A2	-	-	-	-	-	0.0074	0.051	0.0471	-	-	-	0.0471	<0.001	-	-	-	<0.05 - 0.0028	<0.05	-	-	0.0012	301	<0.5	-	0.177	<0.05	-	<0.5	0.51	8.36	18	-	-	-	<3	0.17
05/03/2019	A2	-	-	-	-	-	0.0073	<0.05	0.0667	-	-	-	0.0667	<0.001	-	-	-	<0.05 - 0.0028	<0.05	-	-	<0.001	319	<0.5	-	0.157	<0.05	-	<0.5	<0.5	8.27	18.5	-	-	-	<3	0.23
17/06/2019	A2	-	-	-	-	-	<0.005	0.114	0.0329	-	-	-	0.0329	<0.001	-	-	-	<0.05 - 0.0044	<0.05	-	-	<0.001	252	<0.5	-	0.183	<0.05	-	0.82	0.86	8.42	10.3	-	-	-	4.5	0.8

Metals

Sample Date	Sample ID	Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01	0.1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life				100#6			5#7								1200			Variable#8						
BC WQG Working - Fresh Water Aquatic Life					9	9			1000	1000	0.13	0.13											8.9#16	8.9#16
CWQG Aquatic Life Freshwater - Long Term			100#23				5	5							1500	1500	Variable#24							
CWQG Aquatic Life Freshwater - Short Term															29000	29000	Variable#28							
14/05/2012	A1	-	167	3.95	0.037	0.034	0.29	0.147	64.8	55.3	0.023	<0.01	<0.005	<0.005	<50	<50	0.069	0.009	42,000	39,600	-	-	0.41	0.14
18/06/2012	A1	-	138	4.51	0.039	0.032	0.243	0.103	50.2	41.9	0.021	<0.01	<0.005	<0.005	<50	<50	0.0464	0.0084	35,200	35,600	-	-	0.35	0.16
23/07/2012	A1	-	37.9	9.77	0.029	0.038	0.168	0.151	54.8	54.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.008	39,900	39,800	-	-	0.39	0.25
25/08/2012	A1	-	15.3	7.74	0.029	0.026	0.097	0.12	64.7	63.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.007	45,300	45,000	-	-	0.14	0.19
17/09/2012	A1	-	5.96	1.04	0.029	0.024	0.087	0.108	64.1	69.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.044	0.005	44,600	46,900	-	-	0.15	0.25
24/10/2012	A1	-	3.48	0.97	0.027	0.027	0.115	0.121	63.7	66.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	45,000	45,300	-	-	0.12	0.12
23/11/2012	A1	-	6.37	1.39	0.029	0.028	0.094	0.098	60.9	61.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	<0.005	48,500	48,800	-	-	0.21	0.22
15/12/2012	A1	-	7.54	0.85	0.025	0.028	0.122	0.102	67.7	68.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	47,300	48,900	-	-	0.19	0.17
24/01/2013	A1	-	8.56	1.03	0.028	0.026	0.161	0.161	69.5	67.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	<0.005	46,900	43,400	-	-	0.16	0.14
24/01/2013	A1-DUP	-	8.08	2.15	0.026	0.028	0.122	0.108	71.1	64.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	46,000	52,800	-	-	<0.1	0.18
20/02/2013	A1	-	10.6	0.74	0.025	0.028	0.105	0.095	70	68.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	48,900	46,500	-	-	0.21	<0.1
20/03/2013	A1	-	8.02	1.34	0.026	0.027	0.11	0.075	70.9	70	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.007	46,400	50,300	-	-	0.21	0.2
17/04/2013	A1	-	40.9	1.26	0.031	0.028	0.134	0.1	72.1	74.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.005	48,100	46,700	-	-	0.26	0.2
23/05/2013	A1	-	248	5.46	0.048	0.03	0.425	0.112	63.4	45.5	0.04	<0.01	<0.005	<0.005	<50	<50	0.084	0.006	37,900	32,300	-	-	0.53	0.16
20/06/2013	A1	-	2310	9.6	0.115	0.046	2.01	0.228	266	45.3	0.503	<0.01	0.005	<0.005	<50	<50	0.862	0.012	66,900	29,200	-	-	2.87	<0.1
17/07/2013	A1	-	2.04	10.9	0.027	0.029	0.132	0.108	56.6	57.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.009	43,200	39,100	-	-	0.18	0.17
26/08/2013	A1	-	7.95	2.02	0.033	0.032	0.129	0.134	70.3	69	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	44,000	48,500	-	-	0.16	0.15
25/09/2013	A1	-	6.56	1.26	0.029	0.028	0.116	0.107	67.7	57.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	45,100	43,100	-	-	0.17	0.15
24/10/2013	A1	-	2.43	0.65	0.021	0.036	0.104	0.11	65.3	67.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	50,000	47,900	-	-	0.16	0.22
20/11/2013	A1	-	15.3	1.93	0.038	0.033	0.115	0.111	69.4	70.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.01	41,700	54,000	-	-	0.18	0.22
22/12/2013	A1	-	8	1.72	0.031	0.03	0.113	0.1	69.9	66.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	<0.005	46,500	45,000	-	-	0.18	0.2
22/12/2013	A1-DUP	-	6.1	<0.5	0.033	0.03	0.111	0.096	70.8	66.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	45,700	45,700	-	-	0.19	0.22
28/01/2014	A1	-	4.66	0.66	0.029	0.029	0.09	0.095	75.3	72.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	48,900	51,900	-	-	<0.1	<0.1
28/01/2014	A1-DUP	-	6.11	0.6	0.029	0.027	0.105	0.11	73.6	73.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	48,100	48,400	-	-	0.12	0.12
27/02/2014	A1	-	3.41	0.55	0.026	0.029	0.106	0.1	70.4	69.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	48,600	47,700	-	-	0.17	0.14
27/03/2014	A1	-	2.36	<0.5	0.032	0.03	0.107	0.105	73.7	73.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	47,700	49,300	-	-	0.17	0.2
24/04/2014	A1	-	29	1.7	0.033	0.066	0.143	0.112	72	71.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.006	50,900	53,200	-	-	0.25	0.16
15/05/2014	A1	-	146	4.05	0.041	0.038	0.225	0.127	65.8	62.4	0.019	<0.01	<0.005	<0.005	<50	<50	0.034	0.007	44,900	45,000	-	-	0.39	0.2
22/05/2014	A1	-	275	5.59	0.036	0.034	0.381	0.144	68.2	52.5	0.044	<0.01	0.006	<0.005	<50	<50	0.08	0.006	41,600	38,900	-	-	0.49	0.15
29/05/2014	A1	-	104	5.47	0.04	0.044	0.214	0.146	51.5	45.9	0.02	<0.01	<0.005	<0.005	<50	<50	0.03	0.006	37,700	35,900	-	-	0.3	0.17
05/06/2014	A1	-	127	4.43	0.029	0.034	0.215	0.134	49	43.3	0.012	<0.01	<0.005	<0.005	<50	<50	0.021	0.006	35,300	33,100	-	-	0.29	0.19
12/06/2014	A1	-	74.6	7.76	0.029	0.035	0.155	0.127	49.3	48.1	<0.01	<0.01	<0.005	0.006	<50	<50	0.015	0.007	38,200	38,100	-	-	0.25	0.22
24/07/2014	A1	-	11.2	1.57	0.033	0.035	0.112	0.123	61.4	59.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.006	45,100	44,100	-	-	0.2	0.2
21/08/2014	A1	-	7.02	2.47	0.028	0.04	0.132	0.125	65.4	67.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.009	0.008	44,400	45,000	-	-	0.23	0.23
28/08/2014	A1	-	6.68	3.86	0.029	0.035	0.132	0.106	64.5	66.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	43,600	43,600	-	-	0.17	0.17
05/09/2014	A1	-	6.12	1.62	0.031	0.032	0.121	0.078	64.3	69.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.009	44,500	45,400	-	-	0.17	0.19
12/09/2014	A1	-	5.49	2.07	0.027	0.026	0.104	0.114	59.2	59.9	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	55,700	49,500	-	-	0.18	0.19
18/09/2014	A1	-	8.22	1.93	0.028	0.026	0.12	0.112	62.4	60.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	46,700	45,500	-	-	0.22	0.23
30/10/2014	A1	-	1.87	1.62	0.032	0.031	0.093	0.092	62.2	71.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	45,100	49,500	-	-	0.17	0.2
28/11/2014	A1	-	35.4	3.21	0.028	0.034	0.126	0.113	66.4	64.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0125	0.0068	44,500	43,200	-	-	0.14	0.1
18/12/2014	A1	-	5.51	2.9	0.03	0.032	0.074	0.102	65.5	68.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0064	0.006	45,700	47,200	-	-	0.18	0.21
22/01/2015	A1	-	12.2	1.38	0.03	0.033	0.123	0.1	72.5	71.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.009	0.006	50,000	47,000	-	-	0.21	0.19
27/02/2015	A1	5800	2.34	0.81	0.043	0.037	0.083	0.073	69.8	69.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0061	0.005	50,800	50,700	-	-	0.17	0.18
26/03/2015	A1	6100	14	1.49	0.03	0.032	0.087	0.092	68.5	71.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0074	0.0096	49,400	49,100	-	-	0.16	0.16
26/03/2015	A1-DUP	5900	13.3	1.21	0.026	0.029	0.086	0.101	68	68.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0072	0.0053	48,700	51,600	-	-	0.17	0.17
23/04/2015	A1	-	196	2.85	<0.05	0.031	0.246	0.113	64.7	57.5	0.019	<0.01	<0.02	<0.005	<50	<10	0.03	<0.005	43,800	40,800	-	-	<0.5	0.17
15/05/2015	A1	-	51.9	1.33	0.026	0.045	0.112	0.119	60.8	57.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0131	0.0067	43,700	45,900	-	-	0.27	0.2
21/05/2015	A1	-	95.1	2.47	0.027	0.032	0.136	0.129	55.7	48.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.013	0.006	38,400	37,800	-	-	0.3	0.22
28/05/2015	A1	-	135	2.7	0.033	0.042	0.201	0.108	51.8	49.2	0.013	<0.01	<0.005	<0.005	<10	<10	0.026	0.005	38,500	38,200	-	-	0.33	0.23
04/06/2015	A1	-	282	6.79	<0.05	0.033	0.267	0.114	50.2	44.4	0.022	<0.01	<0.02	<0.005	<50	<10	0.0301	0.0051	36,900	37,100	-	-	0.71	0.17
11/06/2015	A1	-	65	16.5	0.032	0.028	0.16	0.136	51.4	49.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0117	0.0063	41,500	37,800	-	-	0.26	0.22
23/07/2015	A1	-	8.78	1.23	0.03	0.027	0.145	0.117	61	61.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0065	0.0051	43,800	43,000	-	-	0.21	0.18
20/08/2015	A1	-	4.17	1.11	0.032	0.033	0.106	0.091	69.5	71	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	48,400	46,900	-	-	0.19	0.16
27/08/2015	A1	-	21.2	1.6	0.04	0.034	0.138	0.114	72.6	71.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.006	47,600	46,500	-	-	0.23	0.22
03/09/2015	A1	-	121	1.98	0.038	0.032	0.183	0.111	71.8	68.1	0.01	<0.01	<0.005	<0.005	<10	<10	0.022	<0.005	46,100	46,700	-	-	0.37	0.17
10/09/2015	A1	-	9.11	1.81	0.029	0.033	0.129	0.134	63.2	71	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	48,800	46,700	-	-	0.22	0.2
17/09/2015	A1	-	3.8	1.29	0.043	0.031	0.12	0.124	70.1	67.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	<0.005	47,900	44,700	-	-	0.23	0.2
12/05/2016	A1	-	38.3	2.48	<0.05	0.026	0.121	0.094	50.9	48.5	<0.01	<0.01	<0.02	<0.005	<50	<10	0.013	0.006	37,700	34,600	-	-	<0.5	0.17
20/07/2018	A1	-	11.2	2	<0.1	<0.1	0.14	0.13	60.3	61.1	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0057	<0.005	41,600	41,700	<0.01	<0.01	0.21	0.22
09/11/2018	A1	-	15.8	<1	<0.1	<0.1	0.15	<0.1	67.8	72.3	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0069	<0.005	47,900	49,500	<0.01	<0.01	0.21	0.2
04/03/2019	A1	-	14.3	1.2	<0.1	<0.1	0.13	0.11	72.6	72.3	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0145	0.0053	48,200	49,400	<0.01	<0.01	0.25	0.2
04/03/2019	A1-DUP	-	12.6	<1	<0.1	<0.1	0.11	0.13	78.6	72.6	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0059	0.0056	51,200	49,800	<0.01	<0.01	0.23	0.18
18/06/2019	A1	-	32.4	3.2	<0.1	<0.1	0.15	0.14	47.2	50	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0101	0.0076	38,400	40,800	<0.01	<0.01	0.25	0.21
15/05/2012	A2	-	158	4.21	0.033	0.027	0.268	0.141	55.6	46.7	0.026	<0.01	<0.005	<0.005	<50	<50	0.063	0.009	39,200	36,900	-	-	0.39	0.17
18/06/2012	A2	-	147	6.17	0.038	0.034	0.246	0.108	47.7	39.5	0.028	<0.01	<0.005	<0.005	<50	<50	0.0576	0.0088	33,600	32,700	-	-	0.34	0.13
24/07/2012	A2	-	29.7	14.1	0.029	0.052	0.155	0.149	46.2	46	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.01	36,900	38,100	-	-	0.34	0.35
25/08/2012	A2	-	12.1	4.89	0.029	0.029	0.121	0.129	57.6	55.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.006	43,200	43,700	-	-	0.25	0.18
17/09/2012	A2	-	5.46	1.62	<0.02	0.022	0.095	0.108	54	58.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	41,400	43,600	-	-	0.21	0.31
24/10/2012	A2	-	3.12	7.55	0.026	0.029	0.083	0.087	55.9	57.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	42,100	43,700	-	-	0.13	0.12
24/10/2012	A2-DUP	-	3.36	1.65	0.026	0.023	0.106	0.087	57.3	56.1	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	42,900	42,700	-	-	0.11	0.12
24/11/2012	A2	-	36.3	4.38	0.028	0.03	0.154	0.099	61.3	54.9	0.011	<0.01	<0.005	<0.005	<50	<50	0.022	0.008	47,300	45,700	-	-	0.31	0.23
15/12/2012	A2	-	2.5	1.19	0.023	0.026	0.099	0.096	61.7	61.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	46,200	46,600	-	-	0.19	0.19
25/01/2013	A2	-	2.87	1.4	0.024	0.022	0.098	0.093	63.8	63.2	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	44,900	50,800	-	-	0.13	0.23
20/02/2013	A2	-	2.16	1	0.025	0.027	0.091	0.099	63.8	60.7	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	45,400	44,200	-	-	0.2	<0.1
20/03/2013	A2	-	2.52	1.46	<0.02	0.029	0.072	0.094	63.7	65.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	45,700	45,000	-	-	0.18	0.2
17/04/2013	A2	-	9.89	1.13	0.023	0.023	0.064	0.093	62.7	63.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	42,900	42,700	-	-	0.23	0.23
23/05/2013	A2	-	231	5.44	0.041	0.028	0.374	0.125	55.1	41.7	0.048	<0.01	<0.005	<0.005	<50	<50	0.08	0.005	32,900	32,800	-	-	0.46	0.19
20/06/2013	A2	-	2190	12.4	0.098	0.042	1.79	0.218	233	40.3	0.467	<0.01	0.007	<0.005	<50	<50	0.714	0.015	53,700	27,200	-	-	2.52	<0.1
17/07/2013	A2	-	2.29	11.1	0.024	<0.02	0.112	0.082	46.1	48.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	38,400	35,300	-	-	0.18	0.18
26/08/2013	A2	-	4.99	3.48	0.024	0.029	0.105	0.1	59.2	57.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.008	42,000	41,900	-	-	0.17	0.17
25/09/2013	A2	-	5.52	1.68	0.025	0.027	0.098	0.09	61.2	54.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.005	42,900	41,500	-	-	0.19	0.15
24/10/2013	A2	-	9.43	1.4	0.025	0.031	0.081	0.095	56.1	56.1	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	0.005	46,300	45,700	-	-	0.19	0.23
20/11/2013	A2	-	70.8	10.6	0.03	0.03	0.159	0.094	60.2	62.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.005	37,800	45,300	-	-	0.3	0.21
22/12/2013	A2	-	6.75	1.48	0.029	0.024	0.094	0.083	62	58.1	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	43,700	42,300	-	-	0.22	0.2
28/01/2014	A2	-	4.94	0.75	0.023	0.024	0.073	0.063	64.9	65.3	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	46,700	47,100	-	-	0.18	0.11
26/02/2014	A2	-	6.23	3.09	0.023	<0.02	0.068	0.075	66.7	66.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	45,400	45,700	-	-	0.2	0.16
27/03/2014	A2	-	2.75	0.6	0.025	0.025	0.08	0.083	66.2	65.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	44,400	46,900	-	-	0.2	0.22
24/04/2014	A2	-	10.7	0.85	0.03	0.028	0.112	0.087	64.2	63.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	46,500	48,000	-	-	0.23	0.22
15/05/2014	A2	-	176	5.24	0.03	0.03	0.27	0.122	61.4	56.4	0.025	<0.01	0.005	<0.005	<50	<50	0.041	0.006	41,100	41,400	-	-	0.54	0.23
22/05/2014	A2	-	286	7.22	0.038	0.036	0.426	0.14	66.2	47	0.048	<0.01	0.005	<0.005	<50	<50	0.087	0.006	37,900	35,000	-	-	0.49	0.15
29/05/2014	A2	-	123	5.28	0.034	0.027	0.227	0.128	46.8	41	0.014	<0.01	<0.005	<0.005	<50	<50	0.026	0.005	35,100	33,500	-	-	0.31	0.19
05/06/2014	A2	-	126	4.8	0.031	0.026	0.191	0.132	43.4	38.9	0.014	<0.01	<0.005	<0.005	<50	<50	0.023	0.006	34,400	37,400	-	-	0.27	0.18
05/06/2014	A2-DUP	-	120	5.04	0.031	0.024	0.192	0.139	44.1	39.1	0.013	<0.01	<0.005	<0.005	<50	<50	0.023	0.006	34,600	33,500	-	-	0.31	0.19
12/06/2014	A2	-	81.9	3.79	0.026	0.028	0.16	0.121	45.5	40	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	<0.005	37,400	34,400	-	-	0.3	0.2
24/07/2014	A2	-	15.2	2.14	0.03	0.027	0.115	0.121	53	51.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.03	0.008	40,300	41,100	-	-	0.23	0.25
21/08/2014	A2	-	7.26	1.62	0.028	0.027	0.123	0.109	56.5	55.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.009	0.006	42,300	43,500	-	-	0.23	0.22
28/08/2014	A2	-	12.7	4.41	0.024	0.028	0.111	0.115	58	57.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	40,600	42,000	-	-	0.18	0.18
05/09/2014	A2	-	9.11	2.16	0.031	0.027	0.106	0.081	53.3	56.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	41,300	42,900	-	-	0.19	0.19
12/09/2014	A2	-	10.8	1.93	0.022	0.025	0.098	0.111	51.9	49.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	<0.005	49,800	48,900	-	-	0.15	0.18
18/09/2014	A2	-	6.56	2.28	0.031	0.028	0.108	0.108	53.2	50.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	<0.005	40,700	45,800	-	-	0.27	0.15
30/10/2014	A2	-	3.57	1.89	0.022	0.027	0.092	0.091	52.8	57.9	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	39,100	44,300	-	-	0.19	0.23
27/11/2014	A2	-	5.78	1.67	0.025	0.028	0.097	0.097	61.3	59	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	42,700	41,200	-	-	0.12	0.11
18/12/2014	A2	-	6.53	3.59	0.021	0.023	0.078	0.092	56.9	58.8	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	43,200	46,800	-	-	0.2	0.21
18/12/2014	A2-DUP	-	7.67	2.55	0.023	0.026	0.072	0.093	56.4	58.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0057	0.005	42,200	43,300	-	-	0.21	0.24
22/01/2015	A2	-	2.84	2.37	0.022	0.028	0.082	0.086	64.8	63.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	45,800	43,900	-	-	0.24	0.22
27/02/2015	A2	4800	2.1	0.87	0.021	0.027	0.067	0.06	61.9	62.5	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	45,400	45,300	-	-	0.2	0.22
26/03/2015	A2	5600	5.29	1.7	0.025	0.024	0.088	0.087	62.3	62.8	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	45,000	45,200	-	-	0.19	0.2
23/04/2015	A2	-	174	2.58	<0.05	0.03	0.201	0.115	53.8	54.9	0.018	<0.01	<0.02	<0.005	<50	<10	0.0226	0.0051	37,600	36,800	-	-	<0.5	0.18
15/05/2015	A2	-	29.2	3.13	0.03	0.03	0.112	0.113	55.9	51.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0101	0.0077	40,500	40,900	-	-	0.25	0.21
21/05/2015	A2	-	88.4	2.33	0.041	0.024	0.137	0.119	48.9	41.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.015	0.006	35,300	31,900	-	-	0.31	0.18
21/05/2015	A2-DUP	-	109	14.3	0.034	0.025	0.143	0.126	50.7	45.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.014	0.011	33,600	35,600	-	-	0.33	0.22
28/05/2015	A2	-	128	3.37	0.031	0.037	0.181	0.119	44.7	41	0.014	<0.01	<0.005	<0.005	<10	<10	0.027	0.006	35,400	36,100	-	-	0.38	0.2
04/06/2015	A2	-	211	5.66	<0.05	0.049	0.233	0.111	45.2	39.3	0.02	<0.01	<0.02	<0.005	<50	<10	0.0272	0.0061	35,800	36,200	-	-	0.62	0.19
11/06/2015	A2	-	82.3	3.11	0.031	0.03	0.161	0.118	45.1	43	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0134	<0.005	36,300	33,300	-	-	0.29	0.19
23/07/2015	A2	-	9.45	1.36	0.024	0.022	0.126	0.102	53.7	53.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	<0.005	41,200	38,200	-	-	0.22	0.19
20/08/2015	A2	-	5.37	0.99	0.026	0.024	0.104	0.078	59.4	60.3	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	43,700	42,700	-	-	0.2	0.2
27/08/2015	A2	-	6.94	1.39	0.036	0.026	0.11	0.106	72.6	59.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	42,400	43,600	-	-	0.24	0.22
03/09/2015	A2	-	18.3	2.25	0.025	0.021	0.107	0.112	60.5	60.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	<0.005	43,600	44,800	-	-	0.22	0.19
10/09/2015	A2	-	16.1	1.98	0.028	0.026	0.118	0.121	58.8	58.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.005	42,400	44,600	-	-	0.24	0.2
17/09/2015	A2	-	4.83	1.13	0.032	0.048	0.128	0.113	61.2	59	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	42,500	45,200	-	-	0.22	0.21
12/05/2016	A2	-	39.6	2.7	<0.05	0.02	0.122	0.121	46	48.6	<0.01	<0.01	<0.02	<0.005	<50	<10	0.009	<0.005	36,000	35,200	-	-	<0.5	0.21
20/07/2018	A2	-	11.3	1.7	<0.1	<0.1	0.13	0.12	54.7	54	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	0.0059	39,900	38,700	<0.01	<0.01	0.3	0.22
09/11/2018	A2	-	3.5	<1	<0.1	<0.1	0.1	<0.1	62.1	68.4	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	0.0052	45,500	47,100	<0.01	<0.01	0.27	0.21
05/03/2019	A2	-	13.4	<1	<0.1	<0.1	<0.1	<0.1	79.8	71.6	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0053	<0.005	46,500	45,100	<0.01	<0.01	0.23	0.17
17/06/2019	A2	-	22.9	2	<0.1	<0.1	0.13	0.11	41.8	42.8	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0077	0.007	36,200	38,200	<0.01	<0.01	0.21	0.21

				Physical Tests (*in-situ* sampling)								Calculated Parameters							
Location Code	Sample Date	Sample ID	Lab Report Number	Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life																			
BC WQG Working - Fresh Water Aquatic Life																			
CWQG Aquatic Life Freshwater - Long Term																			
CWQG Aquatic Life Freshwater - Short Term																			
A3	16/05/2012	A3	B240844	2.8	8.21	205	-	10.8	81	-	-	-	-	-	92,900	<10,000	<10,000	-	98,200
	18/06/2012	A3	B252527	3.9	7.37	197	-	17.5	130	-	-	-	-	-	88,000	<10,000	<10,000	-	96,300
	24/07/2012	A3	B265706	6.4	8.47	136	-	9.4	95.3	-	-	-	-	-	113,000	<10,000	<10,000	-	125,000
	25/08/2012	A3	B276408	5.4	9.3	169.1	-	17.4	164.8	106.6	-	-	-	-	133,000	<10,000	<10,000	-	150,000
	17/09/2012	A3	B283851	3.3	8.34	167.4	-	27.34	243.2	52.3	-	-	-	-	139,000	<10,000	<10,000	-	161,000
	24/10/2012	A3	B297129	0	8.47	139.6	269.2	10.55	73.8	120.6	1.3	-	<500	-	140,000	<10,000	<10,000	-	-
	24/11/2012	A3	B2A7294	-	-	-	-	-	-	-	-	-	740	-	131,000	7100	6800	-	-
	15/12/2012	A3	B2B4014	0.01	8.56	150	288	12.2	83.6	164	-	-	-	-	138,000	7600	7900	-	154,000
	25/01/2013	A3	B306701	0.03	7.99	160	305	12.72	87.2	112	-	-	-	-	140,000	7400	6800	-	165,000
	17/04/2013	A3	B330896	0.1	8.51	145.3	277.1	12.73	87.5	37.8	1.47	-	-	-	144,000	6500	6800	-	151,000
	23/05/2013	A3	B341817	2.1	8.15	85.1	151.1	12.04	104.7	244.7	-	-	-	-	90,100	<3000	<3000	-	97,600
	23/05/2013	A3-DUP	B341817	2.1	8.15	85.1	151.1	12.04	104.7	244.7	-	-	-	-	87,100	<3000	3100	-	93,700
	20/06/2013	A3	B351922	3.7	7.87	72.4	122.8	11.4	104.8	222.4	-	-	-	-	71,000	<15,000	<3000	-	67,400
	17/07/2013	A3	B361290	6.46	8.46	203	314	10.98	89.3	58	5.02	-	-	-	126,000	6100	6400	-	123,000
	17/07/2013	A3-DUP	B361290	6.46	8.46	203	314	10.98	89.3	58	5.02	-	-	-	125,000	6000	6400	-	120,000
	26/08/2013	A3	B376191	7.8	8.1	88.3	-	8.95	84.6	191.9	-	-	-	-	133,000	5900	6100	-	159,000
	25/09/2013	A3	B387669	4.4	7.86	148.7	245.3	10.86	83.7	245.3	-	-	-	-	138,000	6200	6100	-	146,000
	24/10/2013	A3	B399472	1.7	8.34	151.7	273.9	11.07	84.1	276.4	-	-	-	-	131,000	6400	6000	-	148,000
	21/11/2013	A3	B3A8725	0	8.03	-	303.7	12.29	89.3	281.6	-	-	-	-	149,000	7500	7300	-	177,000
	28/01/2014	A3	B407313	0	8.49	-	257	11.16	86.3	133.5		-	-	-	143,000	5700	5000	-	158,000
	24/04/2014	A3	B432952	0.8	8.35	-	221.2	12.22	85.7	190.5		-	-	-	131,000	5900	6600	-	146,000
	15/05/2014	A3	B439804	2.1	8.29	-	183.1	11.3	81.9	237.7	14.75	-	-	-	111,000	4500	3800	-	119,000
	22/05/2014	A3	B442060	3.3	8.29	-	142.4	11.41	85.5	289.3	71.01	-	-	-	93,600	3500	<3000	-	102,000
	29/05/2014	A3	B444272	3.1	8.31	-	147.7	12.02	89.5	272.4	30.49	-	-	-	91,900	<3000	3200	-	101,000
	05/06/2014	A3	B446972	3.4	8.18	112.3	166.9	11.23	84.4	258.3	24.27	-	-	-	89,800	<3000	<3000	-	91,500
	12/06/2014	A3	B449500	4.2	8.33	-	176	11.23	86.1	261.8	9.6	-	-	-	96,300	3200	3100	-	101,000
A3 (B)	27/02/2015	A3 (B)	B516449	5.5	8.36	-	218.3	11.99	95.2	223.3	3.14	-	<500	-	135,000	6200	-	-	-
	24/07/2014	A3(B)	B464009	5.8	8.28	-	234.3	8.94	79.5	176.4	1.23	-	-	-	124,000	5800	5600	-	142,000
	21/08/2014	A3(B)	B474408	7.01	8.41	-	257	10.51	86.7	156	1.25	-	-	-	130,000	4400	5400	-	145,000
	28/08/2014	A3(B)	B476541	7.6	8.39	-	269	10.54	88.3	115	2.9	-	-	-	129,000	5400	5800	-	141,000
	05/09/2014	A3(B)	B479164	4.77	8.34	-	216	88.3	11.33	128	2.36	-	-	-	124,000	6500	5200	-	147,000
	12/09/2014	A3(B)	B481292	7.53	8.46	-	214	10.24	87	123	1.03	-	-	-	125,000	6900	6600	-	153,000
	18/09/2014	A3(B)	B483962	4.7	8.47	-	264.5	11.03	85.5	261.2	2.33	-	-	-	126,000	5900	5600	-	147,000
	30/10/2014	A3(B)	B499587	3	8.3	-	197.1	10.81	80.6	226.4	0.77	-	-	-	128,000	5900	6700	-	155,000
	27/11/2014	A3(B)	B4A9093	2.5	8.36	-	233.9	11.92	87.5	233.9	0.83	-	-	-	123,000	6100	5700	-	142,000
	18/12/2014	A3(B)	B4B5326	1.9	8.36	-	221.4	13.15	95	212.8	0.51	-	-	-	135,000	4700	4500	-	149,000
	22/01/2015	A3(B)	B505986	0.7	8.12	-	291.8	13.24	92.4	153.6	0.53	-	-	-	129,000	5700	5600	-	153,000
	27/02/2015	A3(B)-DUP	B516449	0.7	8.12	-	291.8	13.24	92.4	153.6	0.53	-	<500	-	134,000	6300	-	-	-
	26/03/2015	A3(B)	B525184	2	7.97	-	218.1	11.83	85.7	194	0.5	-	<500	-	126,000	6500	-	-	-
	23/04/2015	A3(B)	B533584	3.7	8.4	-	241.5	10.45	79.2	286.5	2.98	-	-	-	124,000	<15,000	3400	-	131,000
	15/05/2015	A3(B)	B540628	3	8.18	-	191.6	13.32	99.1	231.3	1.4	-	-	-	126,000	3700	4400	-	159,000
	15/05/2015	A3(B)-DUP	B540628	3	8.18	-	191.6	13.32	99.1	231.3	1.4	-	-	-	125,000	4000	4600	-	132,000
	21/05/2015	A3(B)	B542667	5.2	8.46	-	181.5	12.55	98.9	293.7	1.75	-	-	-	111,000	<3000	<3000	-	126,000
	28/05/2015	A3(B)	B545872	3.9	8.16	-	187.2	10.32	81.6	221.2	4.08	-	-	-	112,000	<3000	<3000	-	118,000
	05/06/2015	A3(B)	B547761	6.3	8.07	-	189	81	10.01	328.6	5.02	-	-	-	109,000	<15,000	<3000	-	118,000
	11/06/2015	A3(B)	B549906	5.5	8.31	-	196.7	10.96	87.3	295.8	1.8	-	-	-	116,000	<3000	<3000	-	119,000
	23/07/2015	A3(B)	B563471	5.5	8.33	-	227.9	11.59	92	358.3	0.7	-	-	-	130,000	4900	4900	-	140,000
	20/08/2015	A3(B)	B572515	6.3	8.37	-	240.6	9.92	80.1	114.1	0.64	-	-	-	129,000	5500	6000	-	147,000
	27/08/2015	A3(B)	B575103	5.5	8.32	-	242.5	11.11	88.4	158.4	0.86	-	-	-	126,000	5300	6000	-	147,000
	03/09/2015	A3(B)	B577658	-	-	-	-	-	-	-	-	-	-	-	130,000	6000	6200	-	141,000
	10/09/2015	A3(B)	B579637	4.7	8.28	-	237.6	10.58	82.4	175.7	0.26	-	-	-	125,000	7100	7300	-	145,000
	17/09/2015	A3(B)	B582068	5.4	8.36	-	263.1	11.66	92.3	162.9	0.89	-	-	-	125,000	6500	6400	-	149,000
	12/05/2016	A3(B)	B637198	2.9	8.5	-	180.4	12.75	94.6	220.5	3.21	-	-	-	116,000	<15,000	3300	-	124,000
	20/07/2018	A3(B)	L2133661	10.62	8.57	193	265.3	9.91	106.6	58.9	-	117,000	7000	<1000	124,000	5870	5280	134,000	-
	09/11/2018	A3(B)	L2195291	2.33	8.37	161.1	284.1	11.52	100.3	41.2	1.03	132,000	3400	<1000	135,000	7730	7090	158,000	-
	05/03/2019	A3(B)	L2240838	1.5	8.39	-	282.2	12.22	87.2	14.4	0.62	134,000	<1000	<1000	134,000	6990	6940	147,000	-
	17/06/2019	A3(B)	L2295044	6.58	7.33	151.3	232.9	10.77	104.5	68.2	1.25	110,000	6800	<1000	117,000	3970	3700	137,000	-
A4	16/05/2012	A4	B240844	3.2	8.1	230	-	9.4	76	-	-	-	-	-	108,000	<10,000	<10,000	-	112,000
	18/06/2012	A4	B252527	3.5	7.06	203	-	13.9	106	-	-	-	-	-	93,800	<10,000	<10,000	-	98,800
	24/07/2012	A4	B265706	46	8.48	120.2	-	10.3	95.3	-	-	-	-	-	103,000	<10,000	<10,000	-	117,000
	25/08/2012	A4	B276408	5.7	9.43	150.1	-	12.7	121.6	131.2	-	-	-	-	110,000	<10,000	<10,000	-	138,000
	17/09/2012	A4	B283851	5.9	9.04	149.3	-	10.39	99.4	64.7	-	-	-	-	115,000	<10,000	<10,000	-	147,000
	24/10/2012	A4	B297129	2.7	8.55	145.8	254.2	11.21	85.3	115.2	1.61	-	<500	-	109,000	<10,000	<10,000	-	-
	24/11/2012	A4	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	115,000	10,000	10,300	-	-
	15/12/2012	A4	B2B4014	2	8.44	154	270	11.59	84	150	-	-	-	-	116,000	11,200	11,400	-	151,000
	24/01/2013	A4	B306701	2.48	8.23	160	281	11.84	86.7	158	-	-	-	-	116,000	12,000	11,900	-	165,000
	20/02/2013	A4	B314188	2.65	8.53	163	283	12.88	85.2	72	0.8	-	-	-	115,000	11,500	11,000	-	149,000
	20/03/2013	A4	B322778	2.89	8.35	165	287	11.61	86.6	129	0.01	-	-	-	115,000	13,100	12,800	-	146,000
	17/04/2013	A4	B330896	2.3	8.41	161.4	284.1	11.7	86.8	52	0.83	-	-	-	125,000	9600	10,600	-	150,000
	23/05/2013	A4	B341817	2.1	8.16	84.6	150.7	11.95	104.4	242.6	-	-	-	-	95,900	<3000	<3000	-	101,000
	20/06/2013	A4	B351922	3.6	7.9	82.5	140.2	11.7	106.9	216.1	-	-	-	-	80,400	<3000	<3000	-	79,900
	17/07/2013	A4	B361290	4.47	8.38	165	271	11.79	91	62	3.48	-	-	-	108,000	4700	5700	-	108,000
	26/08/2013	A4	B376191	9.1	8.23	91.1	-	8.96	88.1	194.3	-	-	-	-	118,000	6900	7600	-	139,000
	26/09/2013	A4	B388572	4.1	8.29	155.1	231.4	10.31	88.4	196.5	-	-	-	-	103,000	8400	8200	-	140,000
	24/10/2013	A4	B399472	1.9	8.31	171.7	261.8	9.15	83.8	271.5	-	-	-	-	113,000	8200	7900	-	141,000
	21/11/2013	A4	B3A8725	1.8	8.43	-	268.5	12.29	94.6	269.5	-	-	-	-	115,000	8800	9200	-	140,000
	21/11/2013	A4-DUP	B3A8725	1.8	8.43	-	268.5	12.29	94.6	269.5	-	-	-	-	121,000	10,400	9200	-	144,000
	22/12/2013	A4	B3B7782	1.6	8.46	150.6	272.2	11.44	96.4	204.9	-	-	-	-	116,000	10,700	10,800	-	137,000
	28/01/2014	A4	B407313	2.1	8.48	-	279.5	11.41	82.7	146	-	-	-	-	115,000	8700	8700	-	145,000
	26/02/2014	A4	B416171	0.6	8.34	-	284.7	12.73	89.4	183.6	-	-	-	-	110,000	11,300	12,400	-	147,000
	27/03/2014	A4	B424928	2.2	8.55	-	250.4	12.14	86.5	197.2	-	-	-	-	112,000	12,700	12,000	-	152,000
	24/04/2014	A4	B432952	3	8.48	-	227.9	11.69	86.9	148.7	-	-	-	-	118,000	11,200	11,000	-	156,000
	15/05/2014	A4	B439804	3.7	8.32	-	206.2	10.35	82.7	245.1	4.21	-	-	-	120,000	4000	4100	-	137,000
	22/05/2014	A4	B442060	3.8	8.32	-	161.3	11.72	89.2	14.55	-	-	-	-	108,000	<3000	<3000	-	111,000
	30/05/2014	A4	B444272	3.5	8.35	-	157.8	11.36	85.6	260.1	1.89	-	-	-	104,000	<3000	<3000	-	111,000
	05/06/2014	A4	B446972	3.2	8.19	113.5	169.7	11.41	85.2	280.1	1.55	-	-	-	98,400	<3000	<3000	-	101,000
	12/06/2014	A4	B449500	3.5	8.36	-	176.4	11.62	87.6	266.8	1.2	-	-	-	102,000	<3000	<3000	-	104,000
	24/07/2014	A4	B464009	4.5	8.3	-	203.5	11.8	91.3	195.3	1.39	-	-	-	108,000	6600	5900	-	128,000
	21/08/2014	A4	B474408	5.1	8.53	-	220	9.79	85.4	176.4	1.22	-	-	-	116,000	7900	7800	-	136,000
	28/08/2014	A4	B476541	5.32	8.57	-	220	11.07	87.06	153	1.48	-	-	-	114,000	7500	6900	-	133,000
	05/09/2014	A4	B479164	4.78	8.46	-	236	146	11.57	90.2	1.22	-	-	-	112,000	6000	5800	-	133,000
	12/09/2014	A4	B481292	3.85	8.48	-	204	11.56	87.9	132	1.29	-	-	-	112,000	8100	7200	-	145,000
	18/09/2014	A4	B483962	5.23	8.54	-	201	10.98	86.4	130	1.33	-	-	-	115,000	5800	5500	-	136,000
	31/10/2014	A4	B499587	3.2	8.22	-	261.7	11.03	82.5	246.9	1.54	-	-	-	119,000	8600	8800	-	151,000
	27/11/2014	A4	B4A9093	2.7	8.37	-	137.4	10.8	79.9	221.8	1.01	-	-	-	107,000	8200	1.66E6	-	148,000
	18/12/2014	A4	B4B5326	2.5	8.49	-	234.1	11.81	86.6	223.6	0.91	-	-	-	123,000	7400	8700	-	152,000
	22/01/2015	A4	B505986	2.1	8.5	-	239.6	13.42	97.3	293.4	0.29	-	-	-	116,000	11,400	10,500	-	150,000
	26/02/2015	A4	B516449	2.1	8.37	-	295.2	13.68	99.4	152.7	0.37	-	<500	-	119,000	10,500	-	-	-
	26/03/2015	A4	B525184	2.9	8.37	-	218.5	11.95	88.5	216.1	1.96	-	<500	-	122,000	8600	-	-	-
	23/04/2015	A4	B533584	5.7	8.47	-	228.9	10.01	81.5	284.5	2.21	-	-	-	122,000	<15,000	<3000	-	125,000
	14/05/2015	A4	B540628	-	-	-	-	-	-	-	-	-	-	-	121,000	<3000	<3000	-	150,000
	21/05/2015	A4	B542667	3.5	8.34	-	171.6	13.03	98.4	298.7	1.75	-	-	-	116,000	<3000	<3000	-	117,000
	28/05/2015	A4	B545872	3.4	8.1	-	177.8	11.19	84.1	260.6	2.82	-	-	-	103,000	<3000	<3000	-	111,000
	05/06/2015	A4	B547761	4.6	8.05	-	178.5	10.36	80.2	331.6	1.68	-	-	-	101,000	<3000	<3000	-	113,000
	11/06/2015	A4	B549906	4.1	8.23	-	192.9	10.72	82	270.4	0.14	-	-	-	104,000	4200	<3000	-	111,000
	23/07/2015	A4	B563471	4.7	8.34	-	218.5	11.76	91.4	354.7	0.15	-	-	-	119,000	6200	6500	-	131,000
	20/08/2015	A4	B572515	5.1	8.42	-	236.9	11.07	86.9	103.8	0.94	-	-	-	115,000	8500	8900	-	144,000
	27/08/2015	A4	B575103	4.8	8.34	-	234	11.47	89.3	234.3	1.02	-	-	-	112,000	7900	8800	-	142,000
	03/09/2015	A4	B577658	-	-	-	-	-	-	-	-	-	-	-	114,000	8400	9900	-	140,000
	10/09/2015	A4	B579637	4	8.28	-	233.7	11.1	84.7	1675.6	2.01	-	-	-	110,000	10,400	10,100	-	146,000
	17/09/2015	A4	B582068	3.8	8.37	-	213.2	11.68	88.7	158.6	1.01	-	-	-	110,000	9200	8800	-	140,000
	12/05/2016	A4	B637198	2.8	8.37	-	170.2	12.69	93.9	218.3	1.42	-	-	-	111,000	<15,000	<3000	-	110,000
	20/07/2018	A4	L2133661	7.98	8.34	166	245.3	10.36	105.4	38.2	-	109,000	3800	<1000	113,000	7160	6230	126,000	-
	09/11/2018	A4	L2195291	2.71	8.03	160.3	279.1	11.68	103.6	32.2	1.09	117,000	4000	<1000	121,000	11,200	9520	164,000	-
	05/03/2019	A4	L2240838	2.2	8.54	-	291.2	12.4	90.1	43.6	0.37	119,000	<1000	<1000	119,000	14,600	13,300	152,000	-
	17/06/2019	A4	L2295044	4.11	7.34	129.8	215.9	11.51	105.3	56.8	0.74	103,000	6000	<1000	109,000	3010	2930	118,000	-

			General Chemistry																																			
Location Code	Sample Date	Sample ID	Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL			0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life							Variable			32.8[#4]					Variable						0.005				600	600	Variable[#4]											
BC WQG Working - Fresh Water Aquatic Life																																						
CWQG Aquatic Life Freshwater - Long Term							Variable					13	13				0.197				0.004				120	120	0.12					6.5-9						
CWQG Aquatic Life Freshwater - Short Term												550	550												640	640												
A3	16/05/2012	A3	113	<0.5	<0.5	<0.5	0.0085	-	-	0.14	-	-	-	0.147	0.0066	-	-	-	0.134	-	-	0.026	-	193	-	0.82	0.092	<0.01	-	-	-	8.11	-	7.33	106	-	85.2	38.3
	18/06/2012	A3	107	<0.5	<0.5	<0.5	0.0067	-	-	0.048	-	-	-	0.059	0.0101	-	-	-	0.117	-	-	0.027	-	185	-	0.54	0.093	<0.01	-	-	-	8.08	-	7.71	98.4	-	63.9	27.1
	24/07/2012	A3	138	<0.5	<0.5	<0.5	0.39	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0223	-	-	0.0191	-	238	-	0.51	0.11	<0.01	-	-	-	8.16	-	12.3	123	-	2.6	0.56
	25/08/2012	A3	162	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0179	-	-	0.0152	-	281	-	0.57	0.12	<0.01	-	-	-	8.28	-	16.3	149	-	1	0.27
	17/09/2012	A3	170	<0.5	<0.5	<0.5	0.057	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0181	-	-	0.0141	-	296	-	0.83	0.12	<0.01	-	-	-	8.11	-	17.6	147	-	<1	0.3
	24/10/2012	A3	170	<0.5	<0.5	<0.5	0.0088	-	-	-	-	0.022	-	0.022	<0.005	-	-	0.022	0.0151	-	-	0.0129	-	304	-	<0.5	0.12	<0.01	-	-	-	8.28	-	19.8	154	154	<1	0.12
	24/11/2012	A3	158	0.89	<0.5	0.74	<0.005	-	-	-	-	0.047	-	0.047	<0.005	-	-	0.047	0.0192	-	-	0.0172	-	279	-	0.79	0.11	<0.01	-	-	-	8.32	-	16.3	149	147	<1	0.21
	15/12/2012	A3	168	<0.5	<0.5	<0.5	<0.005	-	-	0.058	-	-	-	0.058	<0.005	-	-	-	0.0269	-	-	0.0178	-	293	-	<0.5	0.13	<0.01	-	-	-	8.23	-	17.9	162	-	<1	0.2
	25/01/2013	A3	170	<0.5	<0.5	<0.5	0.027	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	0.0241	-	-	0.0197	-	300	-	0.84	0.12	<0.01	-	-	-	8.16	-	18.8	150	-	2.5	1.12
	17/04/2013	A3	171	2.15	<0.5	1.79	0.017	-	-	0.056	-	-	-	0.056	<0.005	-	-	-	0.0199	-	-	0.0145	-	297	-	0.82	0.13	<0.01	-	-	-	8.32	-	18.6	308	-	2	0.24
	23/05/2013	A3	110	<0.5	<0.5	<0.5	0.037	-	-	0.071	-	-	-	0.071	<0.005	-	-	-	0.0857	-	-	0.0224	-	186	-	0.61	0.086	<0.01	-	-	-	8.17	-	8.32	103	-	55.5	11.9
	23/05/2013	A3-DUP	106	<0.5	<0.5	<0.5	0.032	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	0.103	-	-	0.0293	-	182	-	<0.5	0.088	<0.01	-	-	-	8.17	-	9.13	95.3	-	48.5	13.9
	20/06/2013	A3	86.6	<0.5	<0.5	<0.5	0.055	-	-	0.066	-	-	-	0.075	0.0086	-	-	-	2.91	-	-	0.0253	-	144	-	<0.5	0.088	<0.01	-	5.02	6.41	7.95	-	3.71	220	-	2610	751
	17/07/2013	A3	154	<0.5	<0.5	<0.5	0.0089	-	-	0.027	-	-	-	0.027	<0.005	-	-	-	0.023	-	-	0.0206	-	267	-	0.58	0.12	<0.01	-	1.38	1.81	8.13	-	15.3	130	-	2.2	0.61
	17/07/2013	A3-DUP	153	<0.5	<0.5	<0.5	0.0075	-	-	0.022	-	-	-	0.022	<0.005	-	-	-	0.0239	-	-	0.0188	-	267	-	<0.5	0.11	<0.01	-	0.98	1.79	8.27	-	17	123	-	2.1	0.6
	26/08/2013	A3	162	<0.5	<0.5	<0.5	0.0087	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0208	-	-	0.0178	-	291	-	0.69	0.12	<0.01	-	1.44	<0.5	8.26	-	18.5	147	-	<1	0.35
	25/09/2013	A3	164	1.87	<0.5	1.56	0.0072	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.02	-	-	0.019	-	289	-	<0.5	0.12	<0.01	-	1.25	1.83	8.32	-	18.4	150	-	1.6	0.44
	24/10/2013	A3	159	<0.5	<0.5	<0.5	0.011	-	-	0.02	-	-	-	0.02	<0.005	-	-	-	0.0185	-	-	0.0184	-	285	-	0.78	0.12	<0.01	-	1.78	2.78	8.27	-	19.2	149	-	<1	0.15
	21/11/2013	A3	182	<0.5	<0.5	<0.5	0.014	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	0.0357	-	-	0.0164	-	322	-	<0.5	0.13	<0.01	-	0.84	1.2	8.26	-	21.1	153	-	4.8	0.25
	28/01/2014	A3	174	<0.5	<0.5	<0.5	0.013	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.0205	-	-	0.0198	-	312	-	0.52	0.13	<0.01	-	<0.5	<0.5	8.25	-	21.4	155	-	<1	0.29
	24/04/2014	A3	160	<0.5	<0.5	<0.5	0.0067	-	-	0.104	-	-	-	0.104	<0.005	-	-	-	0.0212	-	-	0.0201	-	287	-	0.67	0.12	<0.01	-	0.51	<0.5	8.3	-	18.2	145	-	<1	0.36
	15/05/2014	A3	136	<0.5	<0.5	<0.5	0.011	-	-	0.246	-	-	-	0.246	<0.005	-	-	-	0.0376	-	-	0.0208	-	234	-	<0.5	0.086	<0.01	-	1.89	2.7	8.17	-	11.5	121	-	13	4.4
	22/05/2014	A3	114	<0.5	<0.5	<0.5	0.012	-	-	0.178	-	-	-	0.186	0.0076	-	-	-	0.205	-	-	0.0223	-	197	-	0.6	0.085	<0.01	-	3.33	3.42	8.12	-	8.89	110	-	75	34
	29/05/2014	A3	112	<0.5	<0.5	<0.5	0.013	-	-	0.103	-	-	-	0.111	0.0082	-	-	-	0.0781	-	-	0.0419	-	198	-	0.63	0.099	<0.01	-	2.19	1.22	8.14	-	10.1	103	-	31	18.6
	05/06/2014	A3	110	<0.5	<0.5	<0.5	0.014	-	-	-	-	-	-	0.08	-	-	-	-	0.0342	-	-	0.0313	-	189	-	0.83	0.096	<0.01	-	1.14	1.6	8.08	-	8.13	112	-	31.5	15.8
	12/06/2014	A3	118	<0.5	<0.5	<0.5	0.0094	-	-	0.054	-	-	-	0.054	<0.005	-	-	-	0.0532	-	-	0.0305	-	201	-	<0.5	0.097	<0.01	-	1.85	2	8.12	-	9.77	123	-	29.9	8.89
A3 (B)	27/02/2015	A3 (B)	164	<0.5	<0.5	<0.5	0.0066	-	-	-	-	0.103	-	0.103	<0.005	-	-	-	<0.005	-	-	<0.005	-	288	-	<0.5	0.16	<0.01	-	<0.5	1.14	8.25	-	19.9	155	155	<1	<0.1
	24/07/2014	A3(B)	151	<0.5	<0.5	<0.5	0.014	-	-	0.03	-	-	-	0.03	<0.005	-	-	-	0.0052	-	-	<0.005	-	255	-	<0.5	0.19	<0.01	-	1.23	<0.5	8.21	-	12.8	147	-	<1	0.15
	21/08/2014	A3(B)	159	<0.5	<0.5	<0.5	0.018	-	-	0.039	-	-	-	0.039	<0.005	-	-	-	<0.005	-	-	<0.005	-	272	-	<0.5	0.18	<0.01	-	0.7	0.71	8.29	-	15.7	138	-	<1	0.23
	28/08/2014	A3(B)	157	<0.5	<0.5	<0.5	0.041	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.0077	-	-	<0.005	-	267	-	<0.5	0.19	<0.01	-	<0.5	1.56	8.27	-	15.6	141	-	<1	0.19
	05/09/2014	A3(B)	151	<0.5	<0.5	<0.5	0.019	-	-	0.062	-	-	-	0.062	<0.005	-	-	-	0.0059	-	-	<0.005	-	260	-	<0.5	0.19	<0.01	-	<0.5	0.85	8.27	-	14.8	139	-	6	0.13
	12/09/2014	A3(B)	152	<0.5	<0.5	<0.5	0.015	-	-	0.054	-	-	-	0.054	<0.005	-	-	-	0.0174	-	-	<0.005	-	262	-	0.72	0.18	<0.01	-	0.87	1.08	8.25	-	14.8	156	-	<1	0.15
	18/09/2014	A3(B)	154	<0.5	<0.5	<0.5	0.012	-	-	0.053	-	-	-	0.053	<0.005	-	-	-	<0.005	-	-	<0.005	-	259	-	<0.5	0.2	<0.01	-	1.21	0.91	8.28	-	14.1	147	-	<1	0.23
	30/10/2014	A3(B)	157	<0.5	<0.5	<0.5	0.0092	-	-	0.045	-	-	-	0.045	<0.005	-	-	-	<0.005	-	-	<0.005	-	268	-	0.57	0.18	<0.01	-	<0.5	0.93	8.21	-	19.3	137	-	1	0.13
	27/11/2014	A3(B)	151	<0.5	<0.5	<0.5	0.007	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	<0.005	-	-	<0.005	-	271	-	0.72	0.17	<0.01	-	1.81	2.08	8.11	-	17.4	148	-	<1	2.56
	18/12/2014	A3(B)	165	<0.5	<0.5	<0.5	<0.005	-	-	0.087	-	-	-	0.087	<0.005	-	-	-	<0.005	-	-	<0.005	-	281	-	0.61	0.17	<0.01	-	1.68	0.66	8.26	-	17.8	138	-	<1	<0.1
	22/01/2015	A3(B)	158	<0.5	<0.5	<0.5	<0.005	-	-	0.08	-	-	-	0.08	<0.005	-	-	-	<0.005	-	-	<0.005	-	281	-	0.7	0.18	<0.01	-	<0.5	<0.5	8.18	-	19	154	-	<1	<0.1
	27/02/2015	A3(B)-DUP	163	<0.5	<0.5	<0.5	0.05	-	-	-	-	0.105	-	0.105	<0.005	-	-	-	<0.005	-	-	<0.005	-	288	-	<0.5	0.16	<0.01	-	<0.5	<0.5	8.24	-	18.1	150	150	<1	<0.1
	26/03/2015	A3(B)	154	<0.5	<0.5	<0.5	0.016	-	-	-	-	0.082	-	0.082	<0.005	-	-	-	0.0373	-	-	<0.005	-	289	-	<0.5	0.17	<0.01	-	1.65	0.7	8.16	-	18.2	150	151	1.1	0.41
	23/04/2015	A3(B)	152	<0.5	<0.5	<0.5	0.005	-	-	0.087	-	-	-	0.087	<0.005	-	-	-	0.0188	-	-	0.0145	-	255	-	0.98	0.13	<0.01	-	2.28	4.33	8.23	-	10.2	131	-	11.1	1.01
	15/05/2015	A3(B)	154	<0.5	<0.5	<0.5	0.024	-	-	0.034	-	-	-	0.034	<0.005	-	-	-	0.0283	-	-	<0.005	-	258	-	<0.5	0.15	<0.01	-	1.19	1.2	8.25	-	10.5	138	-	10.4	0.58
	15/05/2015	A3(B)-DUP	152	<0.5	<0.5	<0.5	0.0089	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	0.0066	-	-	<0.005	-	256	-	<0.5	0.15	<0.01	-	1.23	2.1	8.16	-	10.6	145	-	1.8	0.36
	21/05/2015	A3(B)	135	<0.5	<0.5	<0.5	0.024	-	-	0.023	-	-	-	0.023	<0.005	-	-	-	0.0098	-	-	<0.005	-	231	-	0.54	0.13	<0.01	-	0.93	1.33	8.16	-	7.28	118	-	3.8	0.48
	28/05/2015	A3(B)	137	<0.5	<0.5	<0.5	0.02	-	-	0.053	-	-	-	0.053	<0.005	-	-	-	0.022	-	-	0.0068	-	224	-	0.98	0.11	<0.01	-	1.06	1.52	8.16	-	6.47	119	-	10.6	1.88
	05/06/2015	A3(B)	133	<0.5	<0.5	<0.5	<0.005	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	0.0178	-	-	0.0057	-	226	-	<0.5	0.12	<0.01	-	1.18	1.23	8.13	-	6.44	120	-	6.5	1.41
	11/06/2015	A3(B)	141	<0.5	<0.5	<0.5	<0.005	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0145	-	-	0.0052	-	234	-	<0.5	0.14	<0.01	-	1.14	<0.5	8.21	-	9.01	118	-	4.1	1.08
	23/07/2015	A3(B)	159	<0.5	<0.5	<0.5	0.01	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	<0.005	-	-	<0.005	-	272	-	0.5	0.19	<0.01	-	<0.5	<0.5	8.31	-	14.6	136	-	<1	0.18
	20/08/2015	A3(B)	157	<0.5	<0.5	<0.5	0.015	-	-	0.046	-	-	-	0.046	<0.005	-	-	-	0.0051	-	-	<0.005	-	280	-	<0.5	0.19	<0.01	-	<0.5	<0.5	8.06	-	15.7	146	-	1.1	0.14
	27/08/2015	A3(B)	154	<0.5	<0.5	<0.5	0.014	-	-	0.063	-	-	-	0.063	<0.005	-	-	-	0.005	-	-	<0.005	-	280	-	<0.5	0.18	<0.01	-	<0.5	<0.5	8.05	-	15.9	143	-	<1	0.15
	03/09/2015	A3(B)	159	<0.5	<0.5	<0.5	0.0067	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	0.0053	-	-	<0.005	-	278	-	0.6	0.19	<0.01	-	0.54	<0.5	8.2	-	17.3	149	-	<1	0.24
	10/09/2015	A3(B)	152	<0.5	<0.5	<0.5	0.01	-	-	0.067	-	-	-	0.067	<0.005	-	-	-	<0.005	-	-	<0.005	-	274	-	0.77	0.22	<0.01	-	<0.5	0.65	8.24	-	19.9	149	-	<1	0.25
	17/09/2015	A3(B)	153	<0.5	<0.5	<0.5	0.013	-	-	0.08	-	-	-	0.08	<0.005	-	-	-	0.0052	-	-	<0.005	-	277	-	0.9	0.18	<0.01	-	<0.5	<0.5	-	-	17.5	148	-	<1	0.14
	12/05/2016	A3(B)	142	<0.5	<0.5	<0.5	0.021	-	-	0.04	-	-	-	0.04	<0.005	-	-	-	0.0132	-	-	0.0075	-	235	-	0.51	0.14	<0.01	-	<0.5	0.87	8.22	-	10.3	125	-	3.8	1.28
	20/07/2018	A3(B)	-	-	-	-	-	<0.005	<0.05	0.0119	-	-	-	0.0119	<0.001	-	-	-	<0.05 - 0.0044	<0.05	-	-	0.0023	267	<0.5	-	0.192	<0.05	-	0.55	0.63	8.46	15.6	-	-	-	<3	0.26
	09/11/2018	A3(B)	-	-	-	-	-	<0.005	<0.05	0.062	-	-	-	0.062	<0.001	-	-	-	<0.05 - 0.0036	<0.05	-	-	0.0019	280	<0.5	-	0.204	<0.05	-	0.52	0.5	8.33	21.6	-	-	-	<3	0.15
	05/03/2019	A3(B)	-	-	-	-	-	<0.005	<0.05	0.0908	-	-	-	0.0908	<0.001	-	-	-	<0.05 - 0.0026	<0.05	-	-	0.002	290	<0.5	-	0.181	<0.05	-	<0.5	<0.5	8.27	21.9	-	-	-	<3	<0.1
	17/06/2019	A3(B)	-	-	-	-	-	<0.005	0.078	0.0335	-	-	-	0.0348	0.0013	-	-	-	<0.05 - 0.0148	<0.05	-	-	0.0022	240	<0.5	-	0.178	<0.05	-	0.83	1	8.43	11.1	-	-	-	3.7	0.59
A4	16/05/2012	A4	132	<0.5	<0.5	<0.5	0.01	-	-	0.063	-	-	-	0.063	<0.005	-	-	-	0.0394	-	-	0.0059	-	210	-	<0.5	0.1	<0.01	-	-	-	8.19	-	3.51	120	-	25.2	7.02
	18/06/2012	A4	114	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0158	-	-	0.0078	-	185	-	<0.5	0.097	<0.01	-	-	-	8.1	-	3.07	98.6	-	8	2.42
	24/07/2012	A4	126	<0.5	<0.5	<0.5	0.35	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0053	-	-	<0.005	-	220	-	0.52	0.2	<0.01	-	-	-	8.17	-	10.3	114	-	1.2	0.25
	25/08/2012	A4	135	<0.5	<0.5	<0.5	0.0055	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	<0.005	-	-	<0.005	-	250	-	<0.5	0.25	<0.01	-	-	-	8.19	-	17.6	139	-	1	0.15
	17/09/2012	A4	140	<0.5	<0.5	<0.5	0.021	-	-	0.066	-	-	-	0.066	<0.005	-	-	-	<0.005	-	-	<0.005	-	262	-	0.55	0.27	<0.01	-	-	-	8.16	-	23.2	140	-	<1	<0.1
	24/10/2012	A4	133	<0.5	<0.5	<0.5	0.011	-	-	-	-	0.108	-	0.108	<0.005	-	-	0.108	<0.005	-	-	<0.005	-	268	-	<0.5	0.28	<0.01	-	-	-	8.08	-	28	139	141	<1	<0.1
	24/11/2012	A4	140	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.1	-	0.1	<0.005	-	-	0.1	0.0131	-	-	<0.005	-	271	-	0.6	0.25	<0.01	-	-	-	8.09	-	23.1	149	147	<1	<0.1
	15/12/2012	A4	142	<0.5	<0.5	<0.5	<0.005	-	-	0.099	-	-	-	0.099	<0.005	-	-	-	<0.005	-	-	<0.005	-	276	-	<0.5	0.29	<0.01	-	-	-	8.2	-	26.8	149	-	<1	<0.1
	24/01/2013	A4	141	<0.5	<0.5	<0.5	0.022	-	-	0.088	-	-	-	0.088	<0.005	-	-	-	0.0073	-	-	<0.005	-	285	-	0.82	0.3	<0.01	-	-	-	8.09	-	29.1	147	-	<1	<0.1
	20/02/2013	A4	141	<0.5	<0.5	<0.5	0.0084	-	-	0.093	-	-	-	0.093	<0.005	-	-	-	0.0184	-	-	<0.005	-	287	-	0.61	0.32	<0.01	-	-	-	8.14	-	30	154	-	1.1	<0.1
	20/03/2013	A4	140	<0.5	<0.5	<0.5	0.0096	-	-	0.083	-	-	-	0.083	<0.005	-	-	-	<0.005	-	-	<0.005	-	291	-	0.75	0.32	<0.01	-	-	-	8.12	-	38.2	152	-	1	0.11
	17/04/2013	A4	152	<0.5	<0.5	<0.5	0.021	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	<0.005	-	-	<0.005	-	286	-	0.63	0.28	<0.01	-	-	-	8.27	-	28.9	150	-	<1	<0.1
	23/05/2013	A4	117	<0.5	<0.5	<0.5	0.042	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0401	-	-	0.0066	-	186	-	<0.5	0.081	<0.01	-	-	-	8.14	-	3	102	-	30.4	7.31
	20/06/2013	A4	98	<0.5	<0.5	<0.5	0.05	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	1.52	-	-	0.0134	-	158	-	<0.5	0.092	<0.01	-	3.62	5.2	8.03	-	1.99	326	-	1020	162
	17/07/2013	A4	132	<0.5	<0.5	<0.5	0.0099	-	-	0.069	-	-	-	0.069	<0.005	-	-	-	<0.005	-	-	<0.005	-	232	-	0.52	0.21	<0.01	-	1.54	1.62	8.06	-	12.8	116	-	<1	0.23
	26/08/2013	A4	144	<0.5	<0.5	<0.5	0.007	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.006	-	-	<0.005	-	261	-	<0.5	0.25	<0.01	-	0.75	<0.5	8.28	-	21.5	136	-	<1	0.11
	26/09/2013	A4	125	<0.5	<0.5	<0.5	0.011	-	-	0.123	-	-	-	0.123	<0.005	-	-	-	<0.005	-	-	<0.005	-	260	-	0.54	0.29	<0.01	-	0.74	1.68	8.3	-	25.7	136	-	<1	0.23
	24/10/2013	A4	138	<0.5	<0.5	<0.5	0.0098	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	<0.005	-	-	<0.005	-	264	-	0.58	0.27	<0.01	-	<0.5	2.62	8.16	-	24.2	141	-	<1	0.11
	21/11/2013	A4	140	<0.5	<0.5	<0.5	0.016	-	-	0.095	-	-	-	0.095	<0.005	-	-	-	0.0063	-	-	<0.005	-	276	-	<0.5	0.28	<0.01	-	<0.5	0.93	8.17	-	28	145	-	<1	<0.1
	21/11/2013	A4-DUP	147	<0.5	<0.5	<0.5	0.028	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.006	-	-	<0.005	-	289	-	0.86	0.3	<0.01	-	<0.5	1.04	8.18	-	37	149	-	<1	<0.1
	22/12/2013	A4	141	<0.5	<0.5	<0.5	0.016	-	-	0.115	-	-	-	0.115	<0.005	-	-	-	<0.005	-	-	<0.005	-	279	-	0.67	0.28	<0.01	-	<0.5	<0.5	8.16	-	32.5	146	-	<1	0.2
	28/01/2014	A4	140	<0.5	<0.5	<0.5	0.016	-	-	0.095	-	-	-	0.095	<0.005	-	-	-	0.0055	-	-	0.0053	-	280	-	0.61	0.25	<0.01	-	<0.5	0.61	8.07	-	30	145	-	<1	0.15
	26/02/2014	A4	134	<0.5	<0.5	<0.5	0.0095	-	-	0.105	-	-	-	0.105	<0.005	-	-	-	0.0075	-	-	<0.005	-	285	-	0.63	0.31	<0.01	-	0.64	0.72	8.17	-	36.1	150	-	<1	0.12
	27/03/2014	A4	137	<0.5	<0.5	<0.5	0.018	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	<0.005	-	-	<0.005	-	289	-	1.9	0.32	<0.01	-	<0.5	<0.5	8.3	-	38.8	150	-	<1	0.26
	24/04/2014	A4	145	<0.5	<0.5	<0.5	0.007	-	-	0.197	-	-	-	0.197	<0.005	-	-	-	<0.005	-	-	<0.005	-	294	-	0.59	0.27	<0.01	-	0.69	<0.5	8.22	-	30	154	-	<1	0.14
	15/05/2014	A4	147	<0.5	<0.5	<0.5	0.055	-	-	0.102	-	-	-	0.102	<0.005	-	-	-	0.0079	-	-	<0.005	-	251	-	<0.5	0.16	<0.01	-	0.93	1.83	8.2	-	12.7	135	-	1.9	0.48
	22/05/2014	A4	132	<0.5	<0.5	<0.5	0.01	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	0.0263	-	-	0.0088	-	214	-	<0.5	0.096	<0.01	-	1.52	1.22	8.13	-	3.93	117	-	13.1	1.88
	30/05/2014	A4	127	<0.5	<0.5	<0.5	0.034	-	-	0.061	-	-	-	0.061	<0.005	-	-	-	0.0097	-	-	0.0065	-	209	-	<0.5	0.12	<0.01	-	1.11	1.55	8.17	-	6.35	112	-	2.6	0.84
	05/06/2014	A4	120	<0.5	<0.5	<0.5	0.013	-	-	-	-	-	-	0.046	-	-	-	-	<0.005	-	-	0.0054	-	194	-	<0.5	0.11	<0.01	-	1.07	1.79	8.1	-	3.52	102	-	1.6	0.88
	12/06/2014	A4	125	<0.5	<0.5	<0.5	0.038	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.007	-	-	0.0059	-	203	-	<0.5	0.13	<0.01	-	1.51	1.48	8.2	-	4.72	112	-	1.1	0.33
	24/07/2014	A4	132	<0.5	<0.5	<0.5	0.013	-	-	0.077	-	-	-	0.077	<0.005	-	-	-	<0.005	-	-	<0.005	-	239	-	0.61	0.22	<0.01	-	0.77	0.7	8.13	-	15	138	-	<1	0.11
	21/08/2014	A4	142	<0.5	<0.5	<0.5	0.011	-	-	0.063	-	-	-	0.063	<0.005	-	-	-	<0.005	-	-	<0.005	-	260	-	0.6	0.24	<0.01	-	0.5	0.79	8.26	-	22.7	133	-	<1	<0.1
	28/08/2014	A4	139	<0.5	<0.5	<0.5	0.023	-	-	0.107	-	-	-	0.107	<0.005	-	-	-	<0.005	-	-	<0.005	-	252	-	<0.5	0.25	<0.01	-	<0.5	1.9	8.24	-	21.1	131	-	<1	0.13
	05/09/2014	A4	136	<0.5	<0.5	<0.5	0.0087	-	-	0.123	-	-	-	0.123	<0.005	-	-	-	<0.005	-	-	<0.005	-	242	-	<0.5	0.23	<0.01	-	<0.5	1	8.25	-	16.6	128	-	<1	0.13
	12/09/2014	A4	137	<0.5	<0.5	<0.5	0.021	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	<0.005	-	-	<0.005	-	244	-	0.72	0.23	<0.01	-	1.17	1.25	8.21	-	17.3	142	-	<1	0.13
	18/09/2014	A4	141	<0.5	<0.5	<0.5	0.011	-	-	0.104	-	-	-	0.104	<0.005	-	-	-	<0.005	-	-	<0.005	-	243	-	<0.5	0.25	<0.01	-	<0.5	1.57	8.27	-	15.1	138	-	1.4	0.13
	31/10/2014	A4	145	<0.5	<0.5	<0.5	<0.005	-	-	0.128	-	-	-	0.128	<0.005	-	-	-	<0.005	-	-	<0.005	-	265	-	1.5	0.25	<0.01	-	0.76	0.66	8.15	-	24.2	147	-	<1	<0.1
	27/11/2014	A4	131	<0.5	<0.5	<0.5	<0.005	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0057	-	-	<0.005	-	260	-	0.92	0.24	<0.01	-	2.32	2.24	7.96	-	24.3	142	-	1.2	0.27
	18/12/2014	A4	150	<0.5	<0.5	<0.5	0.017	-	-	0.095	-	-	-	0.095	<0.005	-	-	-	0.005	-	-	<0.005	-	281	-	1.5	0.25	<0.01	-	<0.5	0.52	8.24	-	25.3	140	-	<1	<0.1
	22/01/2015	A4	141	<0.5	<0.5	<0.5	<0.005	-	-	0.093	-	-	-	0.093	<0.005	-	-	-	<0.005	-	-	<0.005	-	282	-	<0.5	0.3	<0.01	-	0.5	<0.5	8.14	-	30.1	160	-	<1	<0.1
	26/02/2015	A4	145	<0.5	<0.5	<0.5	0.0073	-	-	-	-	0.097	-	0.097	<0.005	-	-	-	0.0054	-	-	<0.005	-	294	-	<0.5	0.28	<0.01	-	0.86	0.9	8.17	-	32.2	152	153	<1	<0.1
	26/03/2015	A4	149	<0.5	<0.5	<0.5	0.0072	-	-	-	-	0.075	-	0.075	<0.005	-	-	-	0.0199	-	-	<0.005	-	293	-	0.79	0.23	<0.01	-	0.76	0.58	8.21	-	25.9	152	150	<1	<0.1
	23/04/2015	A4	149	<0.5	<0.5	<0.5	<0.005	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	0.0097	-	-	0.0112	-	244	-	<0.5	0.13	<0.01	-	1.63	4.06	8.24	-	6.11	123	-	1.9	0.35
	14/05/2015	A4	148	<0.5	<0.5	<0.5	0.027	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.005	-	-	<0.005	-	243	-	<0.5	0.14	<0.01	-	2.17	<0.5	8.23	-	8.15	130	-	5.1	0.47
	21/05/2015	A4	141	<0.5	<0.5	<0.5	0.032	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	0.006	-	-	<0.005	-	221	-	0.52	0.13	<0.01	-	1.44	1.18	8.14	-	5.11	109	-	1.4	0.21
	28/05/2015	A4	126	<0.5	<0.5	<0.5	0.0087	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.01	-	-	<0.005	-	210	-	<0.5	0.1	<0.01	-	1.35	1.79	8.05	-	4.34	114	-	3.8	0.38
	05/06/2015	A4	124	<0.5	<0.5	<0.5	0.032	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0099	-	-	0.0057	-	215	-	<0.5	0.12	<0.01	-	2.19	1.51	8.02	-	4.6	111	-	2.9	0.72
	11/06/2015	A4	127	<0.5	<0.5	<0.5	0.0068	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	0.0083	-	-	<0.005	-	213	-	<0.5	0.15	<0.01	-	0.7	1.52	8.18	-	7.63	125	-	1.2	0.31
	23/07/2015	A4	145	<0.5	<0.5	<0.5	0.0061	-	-	0.092	-	-	-	0.092	<0.005	-	-	-	<0.005	-	-	<0.005	-	262	-	<0.5	0.25	<0.01	-	1.27	0.76	8.27	-	19.9	129	-	<1	0.22
	20/08/2015	A4	140	<0.5	<0.5	<0.5	0.0098	-	-	0.084	-	-	-	0.084	<0.005	-	-	-	0.0113	-	-	<0.005	-	273	-	<0.5	0.28	<0.01	-	<0.5	<0.5	8.09	-	24.8	145	-	<1	<0.1
	27/08/2015	A4	136	<0.5	<0.5	<0.5	0.014	-	-	0.127	-	-	-	0.127	<0.005	-	-	-	<0.005	-	-	<0.005	-	272	-	<0.5	0.28	<0.01	-	<0.5	<0.5	8.11	-	24.4	134	-	<1	0.15
	03/09/2015	A4	139	<0.5	<0.5	<0.5	0.0083	-	-	0.107	-	-	-	0.107	<0.005	-	-	-	0.0055	-	-	<0.005	-	270	-	0.61	0.28	<0.01	-	<0.5	<0.5	8.19	-	26.6	143	-	<1	0.39
	10/09/2015	A4	134	<0.5	<0.5	<0.5	0.009	-	-	0.119	-	-	-	0.119	<0.005	-	-	-	0.005	-	-	<0.005	-	269	-	0.78	0.32	<0.01	-	<0.5	<0.5	8.21	-	28.3	145	-	<1	0.18
	17/09/2015	A4	135	<0.5	<0.5	<0.5	0.012	-	-	0.159	-	-	-	0.164	0.0056	-	-	-	0.0056	-	-	<0.005	-	268	-	0.82	0.26	<0.01	-	<0.5	<0.5	-	-	26.6	142	-	<1	<0.1
	12/05/2016	A4	135	<0.5	<0.5	<0.5	0.016	-	-	0.051	-	-	-	0.051	<0.005	-	-	-	0.007	-	-	<0.005	-	223	-	0.54	0.14	<0.01	-	<0.5	1.54	8.14	-	8	125	-	<1	0.26
	20/07/2018	A4	-	-	-	-	-	<0.005	<0.05	0.0651	-	-	-	0.0651	<0.001	-	-	-	<0.05 - 0.0048	<0.05	-	-	0.0028	252	<0.5	-	0.231	<0.05	-	0.66	0.57	8.41	18.5	-	-	-	<3	0.16
	09/11/2018	A4	-	-	-	-	-	<0.005	<0.05	0.0965	-	-	-	0.0965	<0.001	-	-	-	<0.05 - 0.008	<0.05	-	-	0.0026	274	<0.5	-	0.31	<0.05	-	<0.5	<0.5	8.36	30.7	-	-	-	<3	0.1
	05/03/2019	A4	-	-	-	-	-	<0.005	<0.05	0.0998	-	-	-	0.0998	<0.001	-	-	-	<0.05 - 0.0038	<0.05	-	-	0.0026	301	<0.5	-	0.357	<0.05	-	<0.5	<0.5	8.28	42.1	-	-	-	<3	<0.1
	17/06/2019	A4	-	-	-	-	-	0.0056	0.084	0.0918	-	-	-	0.0918	<0.001	-	-	-	<0.05 - 0.0046	<0.05	-	-	0.0019	217	<0.5	-	0.187	<0.05	-	0.83	0.82	8.38	8.82	-	-	-	<3	0.2

			Metals																						
Location Code	Sample Date	Sample ID	Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)
			ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			3000	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01	0.1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life					100[#6]			5[#7]								1200			Variable[#8]						
BC WQG Working - Fresh Water Aquatic Life						9	9			1000	1000	0.13	0.13											8.9[#16]	8.9[#16]
CWQG Aquatic Life Freshwater - Long Term				100[#23]				5	5							1500	1500	Variable[#24]							
CWQG Aquatic Life Freshwater - Short Term																29000	29000	Variable[#28]							
A3	16/05/2012	A3	-	245	8.12	0.049	0.04	0.345	0.148	83.7	58.5	0.05	<0.01	<0.005	<0.005	<50	<50	0.117	0.012	30,500	27,700	-	-	0.36	<0.1
	18/06/2012	A3	-	186	11	0.047	0.045	0.303	0.128	74.7	51.3	0.044	<0.01	<0.005	<0.005	<50	<50	0.0869	0.008	28,400	27,900	-	-	0.25	0.13
	24/07/2012	A3	-	32.4	7.3	0.072	0.052	0.156	0.134	71.2	71.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.007	34,300	35,500	-	-	0.18	0.35
	25/08/2012	A3	-	10.6	6.36	0.039	0.042	0.165	0.143	88	86.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.009	42,100	41,900	-	-	<0.1	0.11
	17/09/2012	A3	-	3.62	2.2	0.036	0.036	0.106	0.127	91.3	94.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.009	40,800	44,800	-	-	<0.1	0.15
	24/10/2012	A3	-	4.57	1.7	0.038	0.038	0.13	0.118	88.3	88.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.031	0.009	43,400	43,500	-	-	<0.1	<0.1
	24/11/2012	A3	-	5.3	2.02	0.038	0.046	0.121	0.109	82.7	78.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.007	42,800	41,800	-	-	<0.1	0.14
	15/12/2012	A3	-	4.11	1.25	0.038	0.041	0.157	0.132	88.8	88.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.005	45,100	42,700	-	-	<0.1	<0.1
	25/01/2013	A3	-	6.53	10.3	0.04	0.036	0.154	0.138	92.3	88.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.007	42,100	47,400	-	-	<0.1	0.13
	17/04/2013	A3	-	10.2	1.8	0.045	0.044	0.155	0.13	92.5	93.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	105,000	41,700	-	-	<0.1	0.1
	23/05/2013	A3	-	160	10.3	0.045	0.04	0.293	0.138	69.7	53.3	0.032	<0.01	<0.005	<0.005	<50	<50	0.039	<0.005	29,700	28,200	-	-	0.26	0.11
	23/05/2013	A3-DUP	-	160	11.4	0.045	0.04	0.311	0.162	75.6	53.5	0.034	<0.01	<0.005	<0.005	<50	<50	0.047	0.007	26,800	26,800	-	-	0.24	0.11
	20/06/2013	A3	-	5190	30.3	0.23	0.049	3.52	0.173	871	51.1	1.5	<0.01	<0.025	<0.005	<250	<50	1.82	0.018	67,300	19,700	-	-	4.35	<0.1
	17/07/2013	A3	-	2.9	13.6	0.042	0.039	0.144	0.152	78.6	80.2	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	0.01	36,500	34,100	-	-	<0.1	0.1
	17/07/2013	A3-DUP	-	10.4	2.85	0.048	0.042	0.144	0.143	75.1	77.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	34,500	33,400	-	-	<0.1	<0.1
	26/08/2013	A3	-	9.74	4.22	0.043	0.045	0.133	0.153	95.2	93.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	40,400	44,600	-	-	<0.1	<0.1
	25/09/2013	A3	-	15.2	2.6	0.043	0.041	0.15	0.127	94.3	87.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.012	41,600	40,600	-	-	<0.1	<0.1
	24/10/2013	A3	-	6.56	1.62	0.045	0.049	0.127	0.144	82.3	86.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.007	42,100	41,500	-	-	<0.1	0.11
	21/11/2013	A3	-	16.1	0.66	0.039	0.048	0.15	0.144	99.6	93	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	40,000	50,300	-	-	<0.1	0.11
	28/01/2014	A3	-	2.69	1.2	0.037	0.038	0.141	0.131	90.8	94.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	43,600	44,800	-	-	<0.1	<0.1
	24/04/2014	A3	-	11.1	1.44	0.05	0.043	0.157	0.142	84.6	83.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	40,600	41,100	-	-	0.12	<0.1
	15/05/2014	A3	-	98	5.62	0.048	0.049	0.211	0.148	74.6	73	0.012	<0.01	<0.005	<0.005	<50	<50	0.026	0.006	33,900	33,600	-	-	0.17	0.11
	22/05/2014	A3	-	445	11.5	0.059	0.063	0.496	0.16	101	58.9	0.073	<0.01	0.01	<0.005	<50	<50	0.106	0.008	31,400	28,800	-	-	0.49	0.11
	29/05/2014	A3	-	163	8.66	0.047	0.039	0.244	0.156	68.5	55.1	0.024	<0.01	<0.005	<0.005	<50	<50	0.037	0.007	29,200	28,700	-	-	0.46	0.48
	05/06/2014	A3	-	173	53.6	0.044	0.072	0.251	0.182	63	50.4	0.032	<0.01	<0.005	0.006	<50	<50	0.042	0.008	32,600	26,500	-	-	2.01	0.14
	12/06/2014	A3	-	144	16.8	0.044	0.038	0.212	0.14	69.7	53.8	<0.01	<0.01	0.005	<0.005	<50	<50	0.032	0.006	37,200	28,800	-	-	0.25	0.17
A3 (B)	27/02/2015	A3 (B)	6000	3.37	1.24	0.02	0.023	0.085	0.072	57.5	54.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0056	0.005	43,300	42,600	-	-	0.25	0.23
	24/07/2014	A3(B)	-	9.39	2.23	0.024	0.025	0.112	0.127	49.7	47.8	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.005	40,400	39,500	-	-	0.21	0.26
	21/08/2014	A3(B)	-	5.84	1.3	0.065	0.028	0.123	0.11	52.2	52.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.005	37,900	39,800	-	-	0.26	0.26
	28/08/2014	A3(B)	-	9.51	3.32	0.028	0.027	0.112	0.104	52.1	50.7	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	39,100	38,500	-	-	0.22	0.2
	05/09/2014	A3(B)	-	5.37	1.85	0.022	0.022	0.084	0.081	46.8	50	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	39,200	42,300	-	-	0.21	0.26
	12/09/2014	A3(B)	-	6.99	3.26	0.021	0.022	0.101	0.109	48.6	45.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.005	43,100	42,300	-	-	0.22	0.2
	18/09/2014	A3(B)	-	5.92	2.79	0.027	0.034	0.101	0.111	47	46.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	41,300	41,800	-	-	0.22	0.15
	30/10/2014	A3(B)	-	4.27	1.68	<0.02	0.023	0.105	0.1	47.6	53.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	<0.005	36,900	43,300	-	-	0.22	0.28
	27/11/2014	A3(B)	-	4.15	1.91	0.023	0.022	0.093	0.104	53.7	55.8	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0054	<0.005	40,500	38,500	-	-	0.14	0.15
	18/12/2014	A3(B)	-	3.14	3.12	0.025	0.024	0.08	0.097	51.4	54.7	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	0.005	38,900	40,800	-	-	0.21	0.27
	22/01/2015	A3(B)	-	2.2	1.38	0.021	0.023	0.091	0.097	57.6	56.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	<0.005	41,800	41,100	-	-	0.24	0.27
	27/02/2015	A3(B)-DUP	6700	1.97	0.93	0.02	0.022	0.083	0.076	57	54.4	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	41,300	40,400	-	-	0.23	0.23
	26/03/2015	A3(B)	6500	3.99	1.62	<0.02	0.088	0.088	0.095	54.5	56.4	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	41,700	41,700	-	-	0.22	0.22
	23/04/2015	A3(B)	-	101	3.33	<0.05	0.032	0.181	0.109	48.2	49.7	0.015	<0.01	<0.02	<0.005	<50	<10	0.0119	0.0054	36,700	37,200	-	-	<0.5	0.2
	15/05/2015	A3(B)	-	29.9	12.2	0.043	0.033	0.108	0.131	51.5	55.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0105	0.0154	38,600	45,800	-	-	0.26	0.29
	15/05/2015	A3(B)-DUP	-	23.2	1.88	0.029	0.031	0.131	0.113	52.6	52.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0108	0.0088	40,800	34,100	-	-	0.25	0.21
	21/05/2015	A3(B)	-	63.4	2.77	0.025	0.031	0.149	0.115	46.5	41.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.011	0.006	31,700	35,300	-	-	0.25	0.22
	28/05/2015	A3(B)	-	85.3	3.95	0.028	0.041	0.15	0.102	41.4	40.4	0.01	<0.01	<0.005	<0.005	<10	<10	0.016	0.006	33,900	33,400	-	-	0.28	0.23
	05/06/2015	A3(B)	-	80.2	7.28	<0.05	0.027	0.164	0.108	44.2	39.1	<0.01	<0.01	<0.02	<0.005	<50	<10	0.0149	0.0071	33,600	33,200	-	-	<0.5	0.19
	11/06/2015	A3(B)	-	35.5	2.7	0.028	0.035	0.133	0.124	46.5	48.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.0066	32,400	33,500	-	-	0.26	0.19
	23/07/2015	A3(B)	-	8	1.35	0.025	<0.02	0.118	0.109	50.3	48.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0059	<0.005	37,500	38,700	-	-	0.24	0.26
	20/08/2015	A3(B)	-	6.16	1.12	0.023	0.021	0.093	0.085	54.4	56.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.005	40,200	40,200	-	-	0.25	0.23
	27/08/2015	A3(B)	-	5.4	1.22	0.028	0.027	0.107	0.11	52.4	53.8	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	<0.005	39,600	40,300	-	-	0.25	0.24
	03/09/2015	A3(B)	-	5.86	2.08	0.025	0.025	0.111	0.105	55.1	54.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.007	41,600	37,700	-	-	0.24	0.25
	10/09/2015	A3(B)	-	6.42	2.12	0.023	0.024	0.118	0.12	50.6	51.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.005	41,000	39,900	-	-	0.45	0.24
	17/09/2015	A3(B)	-	2.93	1.75	0.035	0.025	0.102	0.102	54.3	52.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	<0.005	40,700	41,000	-	-	0.24	0.24
	12/05/2016	A3(B)	-	30	3.38	<0.05	0.031	0.11	0.096	44.8	44.3	<0.01	<0.01	<0.02	<0.005	<50	<10	0.008	0.005	35,400	34,500	-	-	<0.5	0.23
	20/07/2018	A3(B)	-	7	1.2	<0.1	<0.1	0.11	0.11	50.4	49.9	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0109	0.0068	38,400	37,200	<0.01	<0.01	1.8	0.22
	09/11/2018	A3(B)	-	3.8	<1	<0.1	<0.1	0.13	<0.1	53	56.9	<0.1	<0.1	<0.05	<0.05	<10	<10	0.005	0.0056	41,600	42,600	<0.01	<0.01	0.27	0.24
	05/03/2019	A3(B)	-	<3	<1	<0.1	<0.1	<0.1	<0.1	55.1	57.6	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	<0.005	42,600	41,500	<0.01	<0.01	0.25	0.25
	17/06/2019	A3(B)	-	28.8	2	<0.1	<0.1	0.12	0.13	40.2	43.6	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0111	0.006	34,700	39,600	<0.01	<0.01	0.23	0.21
A4	16/05/2012	A4	-	98.7	3.84	0.022	0.021	0.174	0.104	37.4	33.8	0.011	<0.01	<0.005	<0.005	<50	<50	0.05	0.011	34,700	32,300	-	-	0.31	0.16
	18/06/2012	A4	-	43.3	5.38	0.026	0.025	0.074	0.091	29.4	27.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.0228	0.0103	28,600	28,600	-	-	0.22	0.2
	24/07/2012	A4	-	15.1	5.86	0.028	0.029	0.129	0.098	30.1	29.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.044	0.007	31,600	33,200	-	-	0.29	0.23
	25/08/2012	A4	-	7.92	6.43	0.021	0.02	0.115	0.116	34.6	34.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.009	38,700	37,900	-	-	0.27	0.27
	17/09/2012	A4	-	3.74	2.64	<0.02	<0.02	0.083	0.081	34.2	37.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	38,100	39,700	-	-	0.2	0.27
	24/10/2012	A4	-	3.83	4.36	0.024	0.024	0.136	0.091	35.1	33.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.006	37,400	38,500	-	-	0.17	0.17
	24/11/2012	A4	-	3.58	2.05	0.022	0.031	0.106	0.1	36.6	38.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.008	41,300	40,400	-	-	0.26	0.24
	15/12/2012	A4	-	3.06	3.77	0.021	0.02	0.133	0.137	37.3	38.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.007	39,700	40,000	-	-	0.23	0.24
	24/01/2013	A4	-	2.61	2.95	<0.02	0.023	0.132	0.11	39.3	38.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.008	39,100	45,000	-	-	0.18	0.25
	20/02/2013	A4	-	10.7	1.91	0.022	0.022	0.109	0.143	39.5	38	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.007	40,700	39,100	-	-	0.24	<0.1
	20/03/2013	A4	-	3.5	2.43	<0.02	0.028	0.118	0.139	39.8	39.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.008	39,300	37,500	-	-	0.26	0.25
	17/04/2013	A4	-	3.28	1.86	<0.02	<0.02	0.108	0.112	41.5	41.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	40,700	38,700	-	-	0.25	0.27
	23/05/2013	A4	-	104	7.34	0.028	0.024	0.222	0.136	36.4	29.8	0.011	<0.01	<0.005	<0.005	<50	<50	0.035	0.008	28,700	29,200	-	-	0.36	0.22
	20/06/2013	A4	-	2910	17.8	0.099	0.031	2.36	0.115	271	30.7	0.565	<0.01	<0.005	<0.005	<50	<50	1.29	0.019	86,900	23,400	-	-	4.19	<0.1
	17/07/2013	A4	-	7.91	3.64	0.022	0.02	0.099	0.113	30.5	30.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	32,600	29,200	-	-	0.19	0.18
	26/08/2013	A4	-	4.41	2.94	0.032	0.023	0.103	0.124	37.8	36.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.009	36,300	37,900	-	-	0.2	0.2
	26/09/2013	A4	-	4	2.68	0.024	0.022	0.117	0.089	33.2	33	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	36,900	39,300	-	-	0.26	0.21
	24/10/2013	A4	-	3.36	2.1	0.025	0.028	0.083	0.109	31.3	33.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	39,000	39,000	-	-	0.2	0.25
	21/11/2013	A4	-	13.4	1.37	0.02	0.022	0.123	0.122	35.2	31.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	<0.005	38,500	36,800	-	-	0.2	0.27
	21/11/2013	A4-DUP	-	14	1.42	0.027	0.025	0.12	0.127	36.9	32.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	<0.005	39,600	38,000	-	-	0.26	0.27
	22/12/2013	A4	-	4.42	2.51	0.021	0.021	0.109	0.124	36.2	34.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.005	39,000	36,700	-	-	0.24	0.24
	28/01/2014	A4	-	5.39	3.59	0.021	0.021	0.099	0.106	46.3	45.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	38,900	39,400	-	-	0.11	<0.1
	26/02/2014	A4	-	5.8	1.35	<0.02	<0.02	0.112	0.105	36.5	35	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.007	39,100	38,300	-	-	0.23	0.23
	27/03/2014	A4	-	1.91	0.97	0.025	0.023	0.121	0.118	38.2	37.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.007	38,700	40,200	-	-	0.26	0.21
	24/04/2014	A4	-	2.99	1.76	0.02	0.025	0.123	0.13	40.9	41.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.008	41,400	41,800	-	-	0.24	0.2
	15/05/2014	A4	-	24.6	4.55	0.024	0.023	0.14	0.123	37.7	40	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.009	37,700	37,800	-	-	0.36	0.25
	22/05/2014	A4	-	68.9	5.43	0.028	0.027	0.167	0.126	36.9	34.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.033	0.008	33,600	32,100	-	-	0.28	0.15
	30/05/2014	A4	-	22.3	4.29	0.024	0.02	0.134	0.118	31.9	30.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.008	31,000	31,500	-	-	0.23	0.2
	05/06/2014	A4	-	21.7	4.04	<0.02	0.023	0.122	0.127	28.4	28.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.008	29,100	29,400	-	-	0.22	0.2
	12/06/2014	A4	-	18.3	3.79	0.024	0.027	0.11	0.105	28.9	27.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.009	32,400	29,700	-	-	0.2	0.22
	24/07/2014	A4	-	11.2	4.49	0.023	0.029	0.111	0.127	33.3	32.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.012	0.01	37,300	36,200	-	-	0.23	0.26
	21/08/2014	A4	-	4	2.35	0.021	0.02	0.129	0.119	35.2	33.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.008	35,800	37,300	-	-	0.22	0.26
	28/08/2014	A4	-	6.65	5.12	0.023	0.024	0.117	0.117	32.9	32.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.007	35,800	36,700	-	-	0.2	0.17
	05/09/2014	A4	-	6.66	2.85	0.03	0.028	0.1	0.087	29.8	31	<0.01	<0.01	<0.005	<0.005	<20	<20	0.011	0.008	36,100	37,900	-	-	0.18	0.36
	12/09/2014	A4	-	6.43	3.47	<0.02	0.024	0.105	0.116	28.6	28.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.008	38,800	40,900	-	-	0.18	0.17
	18/09/2014	A4	-	6.14	3.41	0.028	0.022	0.117	0.11	28.9	28.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.007	38,300	38,500	-	-	0.21	0.15
	31/10/2014	A4	-	2.5	2.19	0.02	0.026	0.108	0.109	33.1	35.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.009	0.007	39,100	40,800	-	-	0.23	0.28
	27/11/2014	A4	-	4.92	3.92	0.027	0.021	0.116	0.134	36.2	36	<0.01	<0.01	<0.005	0.0118	<10	<10	0.0098	0.0071	38,400	39,400	-	-	0.14	<0.1
	18/12/2014	A4	-	3.3	3.81	<0.02	<0.02	0.098	0.112	36.5	38.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0078	0.007	38,700	39,700	-	-	0.24	0.25
	22/01/2015	A4	-	3.13	2.24	0.023	0.02	0.121	0.122	40.2	40	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.007	41,900	39,100	-	-	0.25	0.25
	26/02/2015	A4	9600	2.52	2.07	0.036	0.021	0.104	0.091	39.6	39.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0096	0.008	40,500	40,000	-	-	0.23	0.26
	26/03/2015	A4	8200	3.47	3.24	<0.02	<0.02	0.116	0.102	43.4	43.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0081	0.0068	40,600	40,200	-	-	0.22	0.24
	23/04/2015	A4	-	28.4	3	<0.05	0.024	0.137	0.103	35.6	35.1	<0.01	<0.01	<0.02	<0.005	<50	<10	0.0117	0.0092	35,300	36,400	-	-	<0.5	0.2
	14/05/2015	A4	-	37.9	8.21	0.038	0.037	0.117	0.116	40.2	38.8	<0.01	<0.01	<0.005	0.005	<10	<10	0.0274	0.0239	36,400	42,200	-	-	0.33	0.25
	21/05/2015	A4	-	18.1	3.74	0.027	0.028	0.111	0.112	31	31.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.009	0.008	28,900	33,000	-	-	0.26	0.25
	28/05/2015	A4	-	24.3	18	0.024	0.031	0.131	0.114	29.7	30.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.014	0.011	32,600	31,800	-	-	0.23	0.26
	05/06/2015	A4	-	22.2	3.48	0.02	0.021	0.114	0.106	29.9	30.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0142	0.0085	31,400	32,100	-	-	0.23	0.21
	11/06/2015	A4	-	18.8	3.43	0.026	0.025	0.166	0.126	29.9	30.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0109	0.0081	31,000	31,100	-	-	0.33	0.2
	23/07/2015	A4	-	5.7	1.87	0.035	0.02	0.123	0.109	35.2	34.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0089	0.0065	35,000	35,200	-	-	0.24	0.22
	20/08/2015	A4	-	3.69	1.92	0.023	0.02	0.117	0.094	37.7	38.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.008	0.007	39,400	38,200	-	-	0.23	0.22
	27/08/2015	A4	-	2.05	1.97	0.031	0.027	0.115	0.111	35.3	36.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.007	36,400	38,900	-	-	0.23	0.26
	03/09/2015	A4	-	7.1	2.49	0.023	0.021	0.114	0.114	37.2	37.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.008	0.009	38,300	37,300	-	-	0.24	0.26
	10/09/2015	A4	-	8.78	2.6	0.022	0.03	0.116	0.138	34.5	41.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.012	0.008	39,300	39,800	-	-	0.24	0.23
	17/09/2015	A4	-	5.06	2.03	0.025	0.025	0.108	0.118	34.2	33.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.008	39,000	37,700	-	-	0.25	0.23
	12/05/2016	A4	-	11.1	3.86	<0.05	0.022	0.098	0.101	34.4	35.6	<0.01	<0.01	<0.02	<0.005	<50	<10	0.01	0.005	35,500	30,900	-	-	<0.5	0.21
	20/07/2018	A4	-	9.7	2.7	<0.1	<0.1	0.14	0.1	33.2	32.4	<0.1	<0.1	<0.05	<0.05	<10	<10	0.013	0.0101	34,500	34,800	<0.01	<0.01	0.3	0.33
	09/11/2018	A4	-	3.1	1.6	<0.1	<0.1	0.15	0.11	36.5	40	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0053	0.0077	42,100	42,600	<0.01	<0.01	0.22	0.23
	05/03/2019	A4	-	3	1.6	<0.1	<0.1	0.14	0.12	39.5	36.3	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0096	<0.005	40,300	40,400	<0.01	<0.01	0.26	0.25
	17/06/2019	A4	-	10.8	3.2	<0.1	<0.1	0.13	0.12	25.7	28.4	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0096	0.0087	31,700	33,600	<0.01	<0.01	0.32	0.28

Location Code	Sample Date	Sample ID	Lab Report Number	Physical Tests (*in-situ* sampling): Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Calculated Parameters: Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life																			
BC WQG Working - Fresh Water Aquatic Life																			
CWQG Aquatic Life Freshwater - Long Term																			
CWQG Aquatic Life Freshwater - Short Term																			
A5	18/06/2012	A5	B252527	2.2	6.74	194	-	17.5	129	-	-	-	-	-	90,400	<10,000	<10,000	-	96,200
	24/07/2012	A5	B265706	4.2	8.21	59.9	-	16.9	160	-	-	-	-	-	98,300	<10,000	<10,000	-	109,000
	25/08/2012	A5	B276408	3	8.54	129.1	-	24.32	223.4	85.6	-	-	-	-	108,000	<10,000	<10,000	-	124,000
	17/09/2012	A5	B283851	5.7	8.8	121	-	10.02	97.9	80.1	-	-	-	-	106,000	<10,000	<10,000	-	132,000
	24/10/2012	A5	B297129	0	8.44	123.4	235.9	11.89	88.2	107.5	1.04	-	<500	-	103,000	<10,000	<10,000	-	-
	24/11/2012	A5	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	109,000	8200	9100	-	-
	15/12/2012	A5	B2B4014	3.5	8.2	-	-	10.29	83.5	153	-	-	-	-	108,000	9000	10,800	-	140,000
	24/01/2013	A5	B306701	0.45	7.95	134	252	11.65	80.7	190	-	-	-	-	107,000	9500	8100	-	143,000
	20/02/2013	A5	B314188	0.29	8.21	136	256	9.18	63.4	55	0.49	-	-	-	107,000	10,500	8600	-	134,000
	20/03/2013	A5	B322778	0.26	8.09	135	257	11.45	79	121	0.01	-	-	-	107,000	10,600	10,600	-	133,000
	17/04/2013	A5	B330896	0.2	8.8	133.5	254	11.87	81.7	130.2	0.15	-	-	-	111,000	8900	8900	-	131,000
	23/05/2013	A5	B341817	1.4	8.16	78.7	142.9	11.84	104.1	279.3	-	-	-	-	90,600	<3000	<3000	-	92,100
	20/06/2013	A5	B351922	2.5	7.85	70.6	123.9	10.93	99.4	220.5	-	-	-	-	70,000	<3000	<3000	-	71,000
	17/07/2013	A5	B361290	4.14	8.33	151	251	11.53	88.6	45	3.53	-	-	-	103,000	4700	4200	-	99,100
	26/08/2013	A5	B376191	5.2	8.12	83.6	-	9.11	86.4	198.6	-	-	-	-	110,000	6000	6300	-	130,000
	26/09/2013	A5	B388572	3.7	7.99	148.9	220.2	10.01	89.6	195.8	-	-	-	-	99,700	8400	7500	-	131,000
	26/09/2013	A5-DUP	B388572	3.7	7.99	148.9	220.2	10.01	89.6	195.8	-	-	-	-	99,500	9200	8100	-	138,000
	24/10/2013	A5	B399472	2	8.27	170.5	255.1	9.79	87.3	272.8	-	-	-	-	118,000	6100	5800	-	137,000
	21/11/2013	A5	B3A8725	0.3	8.43	-	248.3	12.02	91.2	280.3	-	-	-	-	106,000	8500	8400	-	125,000
	22/12/2013	A5	B3B7782	0.4	8.13	132.2	249	11	91.8	295.4	-	-	-	-	105,000	9300	9200	-	119,000
	28/01/2014	A5	B407313	0.3	8.28	-	252.8	10.46	82.3	192	-	-	-	-	103,000	8000	7000	-	130,000
	26/02/2014	A5	B416171	0.3	7.88	-	258.4	12.27	84.6	102.6	-	-	-	-	103,000	10,000	9400	-	135,000
	27/03/2014	A5	B424928	0.7	8.13	-	223.6	10.99	90.3	200.7	-	-	-	-	104,000	10,000	9600	-	140,000
	24/04/2014	A5	B432952	1.1	8.11	-	185.9	11.58	81.7	178	-	-	-	-	102,000	7500	8400	-	130,000
	15/05/2014	A5	B439804	2.2	8.26	-	160.8	11.52	83.7	219.5	0.91	-	-	-	109,000	3100	3600	-	121,000
	22/05/2014	A5	B442060	2.3	8.45	-	156.4	11.53	84.3	221.4	1.894	-	-	-	104,000	<3000	<3000	-	106,000
	30/05/2014	A5	B444272	0.2	8.43	-	150.9	11.1	80.8	251.5	0.78	-	-	-	100,000	<3000	<3000	-	104,000
	05/06/2014	A5	B446972	2.4	8.26	105.2	160.4	10.7	78.3	262.6	0.23	-	-	-	93,500	<3000	<3000	-	95,400
	12/06/2014	A5	B449500	2.5	8.34	-	17.17	12.11	89.3	285.9	9.72	-	-	-	101,000	<3000	<3000	-	102,000
	25/07/2014	A5	B464009	4.1	8.33	-	188.1	10.48	80.9	241.6	1.22	-	-	-	104,000	6000	4600	-	119,000
	21/08/2014	A5	B474408	4.8	8.96	-	203	12.3	85.1	168.6	0.678	-	-	-	110,000	6900	7100	-	127,000
	28/08/2014	A5	B476541	4.97	7.96	-	237	10.14	79.5	157	2.39	-	-	-	110,000	7000	6700	-	125,000
	05/09/2014	A5	B479164	4.56	8.48	-	225	11.31	87.8	135	0.54	-	-	-	109,000	4700	4200	-	124,000
	12/09/2014	A5	B481292	2.88	8.43	-	188	10.85	79.9	141	1.1	-	-	-	107,000	6500	6100	-	128,000
	18/09/2014	A5	B483962	3.59	7.98	-	190	10.54	79.7	131	0.17	-	-	-	107,000	4900	4900	-	129,000
	31/10/2014	A5	B499587	2.2	8.16	-	243.1	10.96	79.7	245.6	1.68	-	-	-	109,000	8200	8300	-	142,000
	27/11/2014	A5	B4A9093	0.7	8.26	-	172.3	11.04	76.8	225.4	0.63	-	-	-	102,000	7000	7200	-	130,000
	18/12/2014	A5	B4B5326	0.7	8.22	-	213	11.74	82.5	214.4	0.82	-	-	-	113,000	6200	7300	-	137,000
	22/01/2015	A5	B505986	0.2	8.09	-	218.3	13.48	82.8	209	0.13	-	-	-	109,000	8200	7900	-	139,000
	26/02/2015	A5	B516449	0.1	8.09	-	264.7	12.49	88.4	143.5	0.29	-	<500	-	110,000	8600	-	-	-
	26/03/2015	A5	B525184	1.2	8.15	-	187.8	12.18	86.2	288.5	0.65	-	<500	-	103,000	7800	-	-	-
	23/04/2015	A5	B533584	2.6	8.23	-	229.3	9.2	76.2	304.2	1.25	-	-	-	118,000	<3000	<3000	-	122,000
	14/05/2015	A5	B540628	-	-	-	-	-	-	-	-	-	-	-	115,000	3100	3300	-	128,000
	21/05/2015	A5	B542667	2.1	8.16	161.5	172	12.89	93.8	284.5	0.61	-	-	-	102,000	<3000	<3000	-	112,000
	28/05/2015	A5	B545872	2.9	8.16	-	177.3	11.21	85.3	253.6	0.01	-	-	-	108,000	<3000	<3000	-	113,000
	28/05/2015	A5-DUP	B545872	2.9	8.16	-	177.3	11.21	85.3	253.6	0.01	-	-	-	102,000	<3000	<3000	-	116,000
	05/06/2015	A5	B547761	3.8	8.08	-	176.6	10.82	82	282.4	0.8	-	-	-	104,000	<3000	<3000	-	113,000
	05/06/2015	A5-DUP	B547761	3.8	8.08	-	176.6	10.82	82	282.4	0.8	-	-	-	101,000	<3000	<3000	-	115,000
	11/06/2015	A5	B549906	3.5	8.19	-	156.8	11.3	85.2	289	0.01	-	-	-	108,000	<3000	<3000	-	115,000
	11/06/2015	A5-DUP	B549906	3.5	8.19	-	156.8	11.3	85.2	289	0.01	-	-	-	137,000	<3000	<3000	-	115,000
	23/07/2015	A5	B563471	4	8.05	-	206.4	11.28	85.4	355.4	0.1	-	-	-	113,000	6000	5700	-	126,000
	20/08/2015	A5	B572515	5	7.53	-	222.4	10.38	81.9	122	0.18	-	-	-	111,000	7300	7700	-	134,000
	27/08/2015	A5	B575103	4.9	8.01	-	223.8	10.17	79.5	120.3	0.44	-	-	-	111,000	6700	7700	-	136,000
	03/09/2015	A5	B577658	-	-	-	-	-	-	-	-	-	-	-	115,000	7300	7800	-	131,000
	11/09/2015	A5	B579637	3.7	8.03	-	213	10.1	76.5	117.9	1.19	-	-	-	111,000	7600	8200	-	138,000
	18/09/2015	A5	B582068	3.6	8.34	-	148.7	10.97	82.8	147.3	0.29	-	-	-	106,000	7800	7900	-	126,000
	12/05/2016	A5	B637198	2	8.35	-	168.4	12.35	89.3	206.8	4.69	-	-	-	113,000	<3000	<3000	-	114,000
	20/07/2018	A5	L2133661	5.27	8.39	153.3	245.9	10.48	101.9	58.8	-	110,000	<1000	<1000	110,000	6080	5580	125,000	-
	09/11/2018	A5	L2195291	2.31	8.23	140.9	247.9	10.9	98.1	46.2	0.93	114,000	<1000	<1000	114,000	9690	9220	146,000	-
	05/03/2019	A5	L2240838	0.2	8.15	-	263.4	12.03	82.9	28.8	0.53	112,000	<1000	<1000	112,000	11,200	10,700	140,000	-
	17/06/2019	A5	L2295044	6.77	5.47	131.1	199.8	9.52	96.1	114.9	0.58	107,000	6200	<1000	113,000	3040	2880	124,000	-
G1	15/05/2012	G1	B240844	2.6	8.19	213	-	10	77	-	-	-	-	-	92,400	<10,000	<10,000	-	102,000
	19/06/2012	G1	B252527	1.8	7.14	174	-	14.5	105	-	-	-	-	-	73,000	<10,000	<10,000	-	80,200
	25/07/2012	G1	B265706	6.1	8.32	130.4	-	9.3	90.5	-	-	-	-	-	104,000	<10,000	<10,000	-	115,000
	26/08/2012	G1	B276408	5.2	8.69	164.6	-	18.08	171.3	184	-	-	-	-	124,000	<10,000	<10,000	-	145,000
	18/09/2012	G1	B283851	4.2	8.25	167.7	-	42.26	390.6	94.6	-	-	-	-	133,000	<10,000	<10,000	-	153,000
	18/09/2012	G1-DUP	B283851	4.2	8.25	167.7	-	42.26	390.6	94.6	-	-	-	-	132,000	<10,000	<10,000	-	140,000
	25/10/2012	G1	B297129	0.01	8.18	154	294	11.96	81.8	158	3.03	-	<500	-	131,000	10,000	<10,000	-	-
	24/11/2012	G1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	115,000	7300	8700	-	-
	16/12/2012	G1	B2B4014	0.31	8.3	149	281	12.21	84.4	150	-	-	-	-	126,000	9000	10,700	-	145,000
	25/01/2013	G1	B306701	0.13	8.07	158	302	14	96.2	110	-	-	-	-	134,000	9600	8800	-	139,000
	21/02/2013	G1	B314188	0.09	8.33	162	308	12.16	83.6	97	4.39	-	-	-	136,000	9400	9000	-	151,000
	21/03/2013	G1	B322778	0.27	8.09	152	288	11.38	78.5	84	12.22	-	-	-	133,000	9700	9200	-	147,000
	18/04/2013	G1	B331290	0.2	8.16	163.9	310.8	15.26	104.8	282.9	6.77	-	-	-	131,000	10,300	9600	-	143,000
	24/05/2013	G1	B341818	1.8	8.04	77.2	139	12.12	105.8	114	-	-	-	-	81,100	3600	3100	-	88,800
	18/07/2013	G1	B361929	7.56	8.41	200	300	9.42	78.7	82	5.47	-	-	-	119,000	6300	7000	-	127,000
	27/08/2013	G1	B376651	7.2	8.18	191.6	290	89.2	10.75	154.4	-	-	-	-	164,000	8800	9200	-	178,000
	26/09/2013	G1	B388572	5.1	8.18	178.1	287.6	10.98	86.2	198.4	-	-	-	-	145,000	9200	9000	-	188,000
	23/10/2013	G1	B399458	2.9	8.27	142.3	246.8	11.48	85	363.3	-	-	-	-	153,000	7700	8300	-	177,000
	21/11/2013	G1	B3A8725	0	8.14	144.7	298.3	13.02	95.5	259.8	-	-	-	-	125,000	8600	7500	-	131,000
	23/12/2013	G1	B3B8312	0.3	8.14	151.3	307.2	12.91	94.5	214.5	-	-	-	-	127,000	8800	9600	-	143,000
	28/01/2014	G1	B407313	0	8.05	-	301.2	11.16	83.4	139.1	-	-	-	-	160,000	8800	6800	-	179,000
	27/02/2014	G1	B416171	0	8.21	-	307.4	12.4	85.4	150.3	-	-	-	-	133,000	8700	8700	-	148,000
	28/03/2014	G1	B424928	0.1	8.26	-	271.2	76.7	11.16	233.9	-	-	-	-	135,000	8900	8700	-	157,000
	25/04/2014	G1	B432952	0.6	8.12	-	241.3	12	88.6	214.9	-	-	-	-	131,000	10,700	12,500	-	160,000
	16/05/2014	G1	B439804	4.2	8.16	-	173.8	12.66	89.5	185.4	25.2	-	-	-	99,500	4600	4800	-	113,000
	23/05/2014	G1	B442060	1.8	8.34	-	135.1	13.72	98.6	226	59.08	-	-	-	84,900	3500	3300	-	89,700
	23/05/2014	G1-DUP	B442060	1.8	8.34	-	135.1	13.72	98.6	226	59.08	-	-	-	85,300	3800	<3000	-	93,400
	29/05/2014	G1	B444272	1.6	8.27	-	127.8	10.81	77.5	239.2	19.38	-	-	-	81,100	3200	3600	-	89,300
	06/06/2014	G1	B446972	2.2	8.06	-	256.1	12.98	96.4	253.1	15.52	-	-	-	75,800	3600	3400	-	84,700
	13/06/2014	G1	B449500	2.6	8.19	-	144	11.09	81.6	259.2	12.81	-	-	-	76,500	3100	3700	-	80,200
	13/06/2014	G1-DUP	B449500	2.6	8.19	-	144	11.09	81.6	259.2	12.81	-	-	-	75,900	3500	3800	-	82,800
	25/07/2014	G1	B464009	7.9	8.39	-	178.1	9.75	82.2	210.7	14.36	-	-	-	121,000	7700	6900	-	134,000
	22/08/2014	G1	B474408	8	8.37	-	282	9.02	82.5	175	14.96	-	-	-	134,000	8600	8500	-	148,000
	29/08/2014	G1	B476541	7.94	8.41	-	287	10.04	84.7	164	24.43	-	-	-	137,000	8200	8100	-	147,000
	29/08/2014	G1-DUP	B476541	7.94	8.41	-	287	10.04	84.7	164	24.43	-	-	-	135,000	8400	7400	-	151,000
	05/09/2014	G1-DUP	B479164	4.35	8.36	-	266	10.76	83	143	20.8	-	-	-	122,000	8800	8900	-	150,000
	06/09/2014	G1	B479164	4.35	8.36	-	266	10.76	83	143	20.8	-	-	-	121,000	8900	8000	-	143,000
	12/09/2014	G1	B481292	1.94	8.32	-	238	11.93	86.7	138	26.61	-	-	-	125,000	10,400	10,600	-	163,000
	19/09/2014	G1	B483962	6.61	8.39	-	284	9.88	80.6	156	33.21	-	-	-	132,000	8600	8500	-	153,000
	30/10/2014	G1	B499587	1.9	8.27	-	265.4	11.15	80.5	269.3	17.76	-	-	-	122,000	7900	7800	-	147,000
	28/11/2014	G1	B4A9093	-0.01	8.03	-	159.8	11.04	79.5	209.3	31.6	-	-	-	99,700	<15,000	5200	-	114,000
	18/12/2014	G1	B4B5326	0.7	8.03	-	214	12.39	86.5	118.6	11.24	-	-	-	117,000	5100	6100	-	128,000
	22/01/2015	G1	B505986	0.4	8.18	-	244.7	11.67	80.8	233.2	18.36	-	-	-	127,000	8400	6600	-	146,000
	26/02/2015	G1	B516449	0.2	8.1	-	281.3	14.33	98.6	116.7	12.23	-	<500	-	124,000	7200	-	-	-
	27/03/2015	G1	B525184	0.7	8.16	-	203.9	12.23	85.6	275.2	10.15	-	<500	-	120,000	6900	-	-	-
	24/04/2015	G1	B533584	1.1	8.33	-	242.6	10.61	75.2	306.5	18.36	-	-	-	119,000	<15,000	4700	-	126,000
	14/05/2015	G1	B540628	1.6	8.16	-	169.6	13.88	99.7	229.2	5.53	-	-	-	106,000	5100	5200	-	129,000
	22/05/2015	G1	B542667	1.8	8.25	-	149.8	13.23	95.3	279.9	9.78	-	-	-	87,500	3400	4300	-	99,600
	29/05/2015	G1	B545872	3.2	8.17	-	157.7	11.5	85.6	388.6	23.39	-	-	-	83,300	4900	4500	-	98,700
	04/06/2015	G1	B547761	3.7	8.24	-	159.7	12	90.9	352.8	16.99	-	-	-	84,500	<15,000	3500	-	95,700
	12/06/2015	G1	B549906	5.7	8.24	-	178	10.12	80.8	297.6	9.21	-	-	-	97,700	4000	3800	-	106,000
	24/07/2015	G1	B563471	7.9	8.32	-	253.1	9.5	79.9	384.1	12.32	-	-	-	140,000	<15,000	7200	-	147,000
	21/08/2015	G1	B572515	9.1	8.37	-	279.1	9.68	84.2	137.1	14.28	-	-	-	144,000	8300	8700	-	165,000
	28/08/2015	G1	B575103	8.4	8.33	-	277.3	9.89	84.4	137.1	14.42	-	-	-	143,000	8600	8700	-	163,000
	04/09/2015	G1	B577658	-	-	-	-	-	-	-	-	-	-	-	136,000	<15,000	9000	-	163,000
	10/09/2015	G1	B579637	9.1	8.37	-	279.1	9.68	84.2	137.1	14.28	-	-	-	141,000	9300	9800	-	162,000
	18/09/2015	G1	B582068	4.9	8.36	-	162.7	10.84	84.8	161.9	16.24	-	-	-	140,000	9300	9100	-	154,000
	13/05/2016	G1	B637198	1.9	8.33	-	144.8	11.62	84	222	11.36	-	-	-	94,200	-	3800	-	101,000
	20/07/2018	G1	L2133661	9.69	8.35	199.3	281	9.28	98.9	65	-	125,000	<1000	<1000	125,000	8260	7350	139,000	-
	09/11/2018	G1	L2195291	0.2	7.66	175.4	332.9	12.33	102.3	51.8	3.64	142,000	3000	<1000	145,000	13,200	12,100	171,000	-
	05/03/2019	G1	L2240838	-0.1	8.2	-	330	12.86	87.8	17.6	1.43	148,000	<1000	<1000	148,000	10,600	11,200	191,000	-
	17/06/2019	G1	L2295044	7.58	8.25	151.4	226.9	10.1	101.7	52.5	3.6	101,000	5600	<1000	107,000	5970	5640	125,000	-
	18/06/2019	G1-DUP	L2295044	7.58	8.25	151.4	226.9	10.1	101.7	52.5	3.6	99,300	5400	<1000	105,000	5960	5470	124,000	-

Sample Date	Sample ID	General Chemistry: Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life						Variable			32.8#4					Variable						0.005				600	600	Variable#4											
BC WQG Working - Fresh Water Aquatic Life																																					
CWQG Aquatic Life Freshwater - Long Term						Variable					13	13				0.197				0.004				120	120	0.12					6.5-9						
CWQG Aquatic Life Freshwater - Short Term											550	550												640	640												
18/06/2012	A5	110	<0.5	<0.5	<0.5	0.0065	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0067	-	-	<0.005	-	177	-	<0.5	0.07	<0.01	-	-	-	8.08	-	3.45	93.2	-	2.1	0.25
24/07/2012	A5	120	<0.5	<0.5	<0.5	0.26	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0063	-	-	<0.005	-	204	-	<0.5	0.11	<0.01	-	-	-	8.04	-	8.59	108	-	<1	0.23
25/08/2012	A5	132	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	236	-	<0.5	0.15	<0.01	-	-	-	8.2	-	15.3	127	-	<1	<0.1
17/09/2012	A5	129	<0.5	<0.5	<0.5	0.023	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0056	-	-	<0.005	-	240	-	0.54	0.16	<0.01	-	-	-	7.95	-	19.3	124	-	1.1	<0.1
24/10/2012	A5	126	<0.5	<0.5	<0.5	0.011	-	-	-	-	0.026	-	0.026	<0.005	-	-	0.026	<0.005	-	-	<0.005	-	250	-	<0.5	0.18	<0.01	-	-	-	8.14	-	25.1	126	130	<1	<0.1
24/11/2012	A5	133	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.086	-	0.086	<0.005	-	-	0.086	0.0072	-	-	0.0064	-	250	-	0.53	0.15	<0.01	-	-	-	8.06	-	20.3	137	136	<1	<0.1
15/12/2012	A5	132	<0.5	<0.5	<0.5	<0.005	-	-	0.086	-	-	-	0.086	<0.005	-	-	-	0.0088	-	-	0.0073	-	254	-	<0.5	0.17	<0.01	-	-	-	8.14	-	24.1	137	-	<1	<0.1
24/01/2013	A5	131	<0.5	<0.5	<0.5	0.0083	-	-	0.084	-	-	-	0.084	<0.005	-	-	-	0.0104	-	-	0.0084	-	256	-	0.92	0.17	<0.01	-	-	-	8.04	-	25.7	131	-	<1	0.13
20/02/2013	A5	130	<0.5	<0.5	<0.5	0.011	-	-	0.082	-	-	-	0.082	<0.005	-	-	-	0.0076	-	-	0.0068	-	259	-	0.76	0.18	<0.01	-	-	-	8.11	-	27	134	-	<1	<0.1
20/03/2013	A5	131	<0.5	<0.5	<0.5	0.012	-	-	0.086	-	-	-	0.086	<0.005	-	-	-	0.0065	-	-	0.0062	-	262	-	0.72	0.18	<0.01	-	-	-	8.07	-	28.9	137	-	<1	<0.1
17/04/2013	A5	135	<0.5	<0.5	<0.5	0.01	-	-	0.069	-	-	-	0.069	<0.005	-	-	-	0.0068	-	-	0.0052	-	254	-	0.54	0.17	<0.01	-	-	-	8.18	-	26	132	-	<1	<0.1
23/05/2013	A5	111	<0.5	<0.5	<0.5	0.031	-	-	0.024	-	-	-	0.024	<0.005	-	-	-	0.0112	-	-	0.0055	-	176	-	<0.5	0.067	<0.01	-	-	-	8.18	-	3.7	93.4	-	2.6	0.31
20/06/2013	A5	85.4	<0.5	<0.5	<0.5	0.02	-	-	0.035	-	-	-	0.035	<0.005	-	-	-	0.0873	-	-	<0.005	-	141	-	<0.5	0.058	<0.01	-	2.49	3.48	8.01	-	2.66	104	-	69.4	2.55
17/07/2013	A5	126	<0.5	<0.5	<0.5	0.011	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0058	-	-	<0.005	-	215	-	<0.5	0.12	<0.01	-	1.4	1.43	8.03	-	10.7	95	-	<1	<0.1
26/08/2013	A5	134	<0.5	<0.5	<0.5	0.007	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	0.0079	-	-	<0.005	-	242	-	<0.5	0.13	<0.01	-	0.64	0.53	8.24	-	18.6	132	-	<1	0.11
26/09/2013	A5	122	<0.5	<0.5	<0.5	0.0089	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	0.0054	-	-	0.0054	-	247	-	0.57	0.16	<0.01	-	0.84	1.28	8.25	-	25.2	133	-	<1	0.17
26/09/2013	A5-DUP	121	<0.5	<0.5	<0.5	0.0072	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	0.0059	-	-	0.0052	-	248	-	0.65	0.16	<0.01	-	<0.5	0.76	8.27	-	21.9	139	-	<2	0.28
24/10/2013	A5	143	<0.5	<0.5	<0.5	0.0082	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0051	-	-	<0.005	-	254	-	<0.5	0.12	<0.01	-	0.88	1	8.13	-	16.5	141	-	<1	<0.1
21/11/2013	A5	129	<0.5	<0.5	<0.5	0.012	-	-	0.084	-	-	-	0.084	<0.005	-	-	-	0.0198	-	-	0.0053	-	252	-	<0.5	0.16	<0.01	-	<0.5	0.85	8.14	-	23.6	127	-	<1	<0.1
22/12/2013	A5	128	<0.5	<0.5	<0.5	0.015	-	-	0.104	-	-	-	0.104	<0.005	-	-	-	0.0057	-	-	0.0057	-	251	-	<0.5	0.15	<0.01	-	0.54	0.59	7.98	-	26.6	126	-	<1	<0.1
28/01/2014	A5	126	<0.5	<0.5	<0.5	0.0096	-	-	0.099	-	-	-	0.099	<0.005	-	-	-	0.0055	-	-	0.0058	-	258	-	<0.5	0.18	<0.01	-	<0.5	<0.5	8.11	-	28.5	134	-	<1	0.15
26/02/2014	A5	126	<0.5	<0.5	<0.5	0.026	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0064	-	-	0.0063	-	260	-	<0.5	0.17	<0.01	-	0.63	0.68	8.18	-	29.6	135	-	<1	<0.1
27/03/2014	A5	127	<0.5	<0.5	<0.5	0.0056	-	-	0.101	-	-	-	0.101	<0.005	-	-	-	0.0068	-	-	0.007	-	257	-	<0.5	0.17	<0.01	-	<0.5	0.69	8.19	-	30.3	131	-	<1	0.18
24/04/2014	A5	125	<0.5	<0.5	<0.5	0.0058	-	-	0.107	-	-	-	0.107	<0.005	-	-	-	0.0057	-	-	<0.005	-	240	-	1.5	0.17	<0.01	-	1.48	0.86	8.24	-	21.1	126	-	<1	<0.1
15/05/2014	A5	133	<0.5	<0.5	<0.5	0.03	-	-	0.056	-	-	-	0.056	<0.005	-	-	-	0.0066	-	-	0.0059	-	222	-	<0.5	0.1	<0.01	-	<0.5	1.42	8.18	-	9.7	120	-	<1	0.11
22/05/2014	A5	128	<0.5	<0.5	<0.5	0.014	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	0.008	-	-	<0.005	-	208	-	<0.5	0.077	<0.01	-	2.22	3.95	8.17	-	4.23	108	-	1.5	0.19
30/05/2014	A5	122	<0.5	<0.5	<0.5	0.017	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	<0.005	-	-	<0.005	-	201	-	<0.5	0.084	<0.01	-	1.89	1.43	8.17	-	5.87	107	-	<1	<0.1
05/06/2014	A5	114	<0.5	<0.5	<0.5	0.011	-	-	-	-	-	-	0.028	-	-	-	-	<0.005	-	-	<0.005	-	185	-	<0.5	0.078	<0.01	-	1.8	1.21	8.09	-	4.07	91.6	-	<1	0.12
12/06/2014	A5	123	<0.5	<0.5	<0.5	0.023	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	200	-	<0.5	0.084	<0.01	-	0.95	1.78	8.21	-	4.67	110	-	<1	<0.1
25/07/2014	A5	127	<0.5	<0.5	<0.5	0.0097	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0063	-	-	<0.005	-	221	-	<0.5	0.13	<0.01	-	1.92	<0.5	8.14	-	12	127	-	<1	<0.1
21/08/2014	A5	135	<0.5	<0.5	<0.5	0.0093	-	-	0.039	-	-	-	0.039	<0.005	-	-	-	0.0053	-	-	<0.005	-	247	-	<0.5	0.14	<0.01	-	1.22	1.49	8.18	-	20	128	-	<1	0.13
28/08/2014	A5	134	<0.5	<0.5	<0.5	0.032	-	-	0.044	-	-	-	0.044	<0.005	-	-	-	<0.005	-	-	<0.005	-	244	-	<0.5	0.15	<0.01	-	0.56	1.6	8.22	-	18.9	119	-	<1	<0.1
05/09/2014	A5	133	<0.5	<0.5	<0.5	0.014	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0051	-	-	<0.005	-	229	-	<0.5	0.15	<0.01	-	0.63	0.87	8.25	-	13.6	124	-	<1	<0.1
12/09/2014	A5	130	<0.5	<0.5	<0.5	0.037	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	<0.005	-	-	<0.005	-	224	-	<0.5	0.15	<0.01	-	1.3	2.15	8.11	-	15.1	136	-	<1	<0.1
18/09/2014	A5	131	<0.5	<0.5	<0.5	0.0074	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	0.0052	-	-	<0.005	-	226	-	<0.5	0.15	<0.01	-	1.3	1.62	8.17	-	13	129	-	3.6	0.17
31/10/2014	A5	133	<0.5	<0.5	<0.5	0.0093	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.0072	-	-	0.0057	-	245	-	0.65	0.14	<0.01	-	0.7	0.55	8.01	-	22.9	134	-	1	0.1
27/11/2014	A5	124	<0.5	<0.5	<0.5	<0.005	-	-	0.09	-	-	-	0.09	<0.005	-	-	-	0.0075	-	-	0.0054	-	239	-	<0.5	0.13	<0.01	-	1.59	2.64	8.06	-	20.9	129	-	<1	1.33
18/12/2014	A5	138	<0.5	<0.5	<0.5	<0.005	-	-	0.091	-	-	-	0.091	<0.005	-	-	-	0.007	-	-	0.0057	-	255	-	0.8	0.15	<0.01	-	<0.5	0.56	8.18	-	21.9	125	-	<1	<0.1
22/01/2015	A5	134	<0.5	<0.5	<0.5	<0.005	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0084	-	-	0.0063	-	260	-	<0.5	0.17	<0.01	-	<0.5	<0.5	8.1	-	24.8	145	-	<1	<0.1
26/02/2015	A5	134	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.073	-	0.073	<0.005	-	-	-	0.0057	-	-	0.0055	-	260	-	<0.5	0.16	<0.01	-	1.55	0.59	8.04	-	26.8	139	137	<1	<0.1
26/03/2015	A5	126	<0.5	<0.5	<0.5	0.0076	-	-	-	-	0.05	-	0.05	<0.005	-	-	-	0.0342	-	-	0.0051	-	248	-	<0.5	0.15	<0.01	-	0.9	1.29	8.09	-	22.1	132	129	<1	0.15
23/04/2015	A5	145	<0.5	<0.5	<0.5	0.0061	-	-	0.054	-	-	-	0.054	<0.005	-	-	-	0.0065	-	-	0.0053	-	238	-	<0.5	0.11	<0.01	-	2.01	5.84	8.19	-	7.87	123	-	<1	0.22
14/05/2015	A5	141	<0.5	<0.5	<0.5	0.0097	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0042	-	-	<0.005	-	232	-	<0.5	0.093	<0.01	-	0.88	1.08	8.13	-	7.86	134	-	<1	0.15
21/05/2015	A5	124	<0.5	<0.5	<0.5	0.035	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	<0.005	-	-	<0.005	-	209	-	0.51	0.08	<0.01	-	1.72	1.26	8.13	-	5.75	108	-	<1	<0.1
28/05/2015	A5	132	<0.5	<0.5	<0.5	<0.005	-	-	0.023	-	-	-	0.023	<0.005	-	-	-	<0.005	-	-	<0.005	-	213	-	0.76	0.073	<0.01	-	1.84	0.62	8.18	-	4.78	111	-	1.1	0.1
28/05/2015	A5-DUP	125	<0.5	<0.5	<0.5	0.0067	-	-	0.023	-	-	-	0.023	<0.005	-	-	-	0.009	-	-	<0.005	-	210	-	<0.5	0.073	<0.01	-	1.6	0.94	8.05	-	4.79	114	-	<1	0.42
05/06/2015	A5	127	<0.5	<0.5	<0.5	0.0083	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	209	-	<0.5	0.078	<0.01	-	0.62	1.23	8.13	-	4.92	113	-	1	<0.1
05/06/2015	A5-DUP	124	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0054	-	-	<0.005	-	211	-	<0.5	0.08	<0.01	-	1.15	0.94	8.05	-	4.98	115	-	<1	0.35
11/06/2015	A5	132	<0.5	<0.5	<0.5	0.0066	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0058	-	-	<0.005	-	213	-	<0.5	0.086	<0.01	-	1.28	0.78	8.15	-	7.61	111	-	<1	<0.1
11/06/2015	A5-DUP	168	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	213	-	<0.5	0.088	<0.01	-	<0.5	0.83	8.17	-	7.14	110	-	<1	<0.1
23/07/2015	A5	138	<0.5	<0.5	<0.5	0.0065	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	0.0061	-	-	<0.005	-	247	-	<0.5	0.12	<0.01	-	1.01	1.76	8.24	-	17	124	-	<1	<0.1
20/08/2015	A5	135	<0.5	<0.5	<0.5	0.021	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.006	-	-	<0.005	-	254	-	<0.5	0.15	<0.01	-	<0.5	<0.5	8.08	-	20.4	138	-	1.1	<0.1
27/08/2015	A5	136	<0.5	<0.5	<0.5	0.0089	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	0.0058	-	-	<0.005	-	257	-	0.56	0.14	<0.01	-	<0.5	0.6	8.09	-	21.5	127	-	<1	<0.1
03/09/2015	A5	141	<0.5	<0.5	<0.5	0.022	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	0.0052	-	-	<0.005	-	258	-	0.79	0.15	<0.01	-	<0.5	<0.5	8.3	-	21.5	137	-	1	0.34
11/09/2015	A5	135	<0.5	<0.5	<0.5	0.007	-	-	0.039	-	-	-	0.039	<0.005	-	-	-	<0.005	-	-	<0.005	-	254	-	0.71	0.15	<0.01	-	<0.5	1.2	8.2	-	21.9	135	-	<1	0.14
18/09/2015	A5	129	<0.5	<0.5	<0.5	0.013	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	0.0072	-	-	<0.005	-	251	-	0.71	0.14	<0.01	-	<0.5	<0.5	-	-	22.2	129	-	<1	<0.1
12/05/2016	A5	137	<0.5	<0.5	<0.5	0.033	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	220	-	0.53	0.094	<0.01	-	0.66	0.78	8.23	-	7.12	116	-	<1	<0.1
20/07/2018	A5	-	-	-	-	-	0.0054	<0.05	0.0238	-	-	-	0.0238	<0.001	-	-	-	<0.05 - 0.0054	<0.05	-	-	0.0041	242	<0.5	-	0.121	<0.05	-	0.54	0.57	8.38	17	-	-	-	<3	0.22
09/11/2018	A5	-	-	-	-	-	0.0086	<0.05	0.0636	-	-	-	0.0636	<0.001	-	-	-	<0.05 - 0.0044	<0.05	-	-	0.0036	256	<0.5	-	0.169	<0.05	-	<0.5	0.63	8.23	27.9	-	-	-	<3	<0.1
05/03/2019	A5	-	-	-	-	-	0.0054	<0.05	0.105	-	-	-	0.105	<0.001	-	-	-	<0.05 - 0.0082	<0.05	-	-	0.0065	269	<0.5	-	0.187	<0.05	-	<0.5	0.52	8.16	33.5	-	-	-	<3	<0.1
17/06/2019	A5	-	-	-	-	-	0.0295	0.061	0.0218	-	-	-	0.0218	<0.001	-	-	-	<0.05 - 0.0044	<0.05	-	-	0.0011	221	<0.5	-	0.117	<0.05	-	1	0.94	8.38	8.48	-	-	-	<3	<0.1
15/05/2012	G1	113	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	0.027	0.0179	-	-	-	0.476	-	-	0.0157	-	199	-	0.96	0.083	<0.01	-	-	-	8.09	-	10.7	121	-	224	78.7
19/06/2012	G1	89	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	0.0078	-	-	-	0.202	-	-	0.0192	-	158	-	0.5	0.067	<0.01	-	-	-	8	-	8.91	79.7	-	48.7	16.7
25/07/2012	G1	126	<0.5	<0.5	<0.5	0.077	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0353	-	-	0.0159	-	225	-	0.58	0.082	<0.01	-	-	-	8.08	-	14.9	109	-	3	1.77
26/08/2012	G1	152	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0188	-	-	0.0123	-	277	-	0.86	0.097	<0.01	-	-	-	8.06	-	19.8	145	-	1.6	1.36
18/09/2012	G1	163	<0.5	<0.5	<0.5	0.0095	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0169	-	-	0.0137	-	292	-	0.97	0.095	<0.01	-	-	-	8.14	-	21.6	140	-	1.9	1.6
18/09/2012	G1-DUP	-	-	-	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0173	-	-	0.0128	-	297	-	0.59	0.1	<0.01	-	-	-	8.3	-	22.2	159	-	1.6	2.16
25/10/2012	G1	159	<0.5	<0.5	<0.5	0.024	-	-	-	-	<0.02	-	<0.02	<0.005	-	-	<0.02	0.0172	-	-	0.0118	-	304	-	0.92	0.093	<0.01	-	-	-	8.28	-	28.8	146	150	<1	1.65
24/11/2012	G1	140	<0.5	<0.5	<0.5	0.0058	-	-	-	-	0.021	-	0.021	<0.005	-	-	0.021	0.02	-	-	0.0122	-	263	-	1.2	0.083	<0.01	-	-	-	8.09	-	20.6	135	137	1.6	2.41
16/12/2012	G1	153	<0.5	<0.5	<0.5	<0.005	-	-	0.026	-	-	-	0.026	<0.005	-	-	-	0.0195	-	-	0.0109	-	284	-	0.72	0.1	<0.01	-	-	-	8.17	-	24.2	146	-	1.1	2.45
25/01/2013	G1	163	<0.5	<0.5	<0.5	0.009	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	0.0242	-	-	0.0197	-	300	-	1.3	0.094	<0.01	-	-	-	8.11	-	24.9	148	-	5.9	3.85
21/02/2013	G1	166	<0.5	<0.5	<0.5	0.0075	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	0.0251	-	-	0.0158	-	309	-	1.4	0.099	<0.01	-	-	-	8.2	-	25.7	155	-	7.2	3.11
21/03/2013	G1	162	<0.5	<0.5	<0.5	0.019	-	-	0.033	-	-	-	0.033	<0.005	-	-	-	0.0224	-	-	0.0209	-	302	-	1.1	0.098	<0.01	-	-	-	8.18	-	25	147	-	2.6	6.48
18/04/2013	G1	160	<0.5	<0.5	<0.5	0.0074	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	0.0165	-	-	0.0177	-	304	-	1.1	0.1	<0.01	-	-	-	8.14	-	28.5	150	-	2	2.58
24/05/2013	G1	99	<0.5	<0.5	<0.5	0.032	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.117	-	-	0.0183	-	171	-	0.52	0.071	<0.01	-	-	-	8.14	-	10.1	90.4	-	73.6	24.4
18/07/2013	G1	145	<0.5	<0.5	<0.5	0.008	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0178	-	-	0.0142	-	255	-	0.76	0.091	<0.01	-	2.04	2.19	8.28	-	19	124	-	1	1.32
27/08/2013	G1	195	2.68	<0.5	2.23	0.0083	-	-	0.062	-	-	-	0.062	<0.005	-	-	-	<0.005	-	-	<0.005	-	348	-	1.1	0.22	<0.01	-	<0.5	0.91	8.4	-	24.7	183	-	<1	0.17
26/09/2013	G1	170	3.1	<0.5	2.58	0.014	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	<0.005	-	-	<0.005	-	339	-	0.98	0.21	<0.01	-	1.04	1.38	8.41	-	24.9	181	-	<1	0.34
23/10/2013	G1	187	<0.5	<0.5	<0.5	0.018	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	<0.005	-	-	<0.005	-	335	-	0.74	0.21	<0.01	-	1.01	<0.5	8.24	-	25	186	-	1.8	0.12
21/11/2013	G1	152	<0.5	<0.5	<0.5	0.026	-	-	0.025	-	-	-	0.025	<0.005	-	-	-	0.0183	-	-	0.0144	-	285	-	<0.5	0.097	<0.01	-	1.44	1.85	8.19	-	24.7	132	-	<1	1.04
23/12/2013	G1	155	<0.5	<0.5	<0.5	0.02	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0166	-	-	0.0141	-	287	-	0.96	0.09	<0.01	-	1.58	2.16	8.05	-	26.2	150	-	<1	1.86
28/01/2014	G1	195	<0.5	<0.5	<0.5	0.0078	-	-	0.137	-	-	-	0.137	<0.005	-	-	-	<0.005	-	-	<0.005	-	354	-	0.88	0.14	<0.01	-	<0.5	0.69	8.27	-	27.5	179	-	1.3	0.18
27/02/2014	G1	162	<0.5	<0.5	<0.5	0.016	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	0.0185	-	-	0.0155	-	308	-	1.3	0.096	<0.01	-	1.55	1.67	8.27	-	28.6	150	-	<1	2.99
28/03/2014	G1	165	<0.5	<0.5	<0.5	0.0084	-	-	0.032	-	-	-	0.032	<0.005	-	-	-	0.0148	-	-	0.0124	-	311	-	1.8	0.092	<0.01	-	1.3	1.89	8.18	-	27.4	157	-	1	1.52
25/04/2014	G1	158	0.78	<0.5	0.65	<0.005	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	0.0199	-	-	0.0163	-	314	-	0.76	0.1	<0.01	-	2.78	3.32	8.31	-	31	158	-	6.5	5.68
16/05/2014	G1	121	<0.5	<0.5	<0.5	0.016	-	-	0.05	-	-	-	0.058	0.0084	-	-	-	0.119	-	-	0.0248	-	215	-	0.51	0.07	<0.01	-	4.64	4.82	8.1	-	13.2	114	-	36.5	22.5
23/05/2014	G1	104	<0.5	<0.5	<0.5	0.01	-	-	0.025	-	-	-	0.031	0.0056	-	-	-	0.162	-	-	0.0274	-	180	-	<0.5	0.071	<0.01	-	6.09	6.2	8.07	-	9.74	105	-	43.5	24.7
23/05/2014	G1-DUP	104	<0.5	<0.5	<0.5	0.0083	-	-	0.023	-	-	-	0.028	0.0051	-	-	-	0.17	-	-	0.0135	-	181	-	0.53	0.071	<0.01	-	6.35	10.2	8.07	-	9.65	104	-	49.5	27.2
29/05/2014	G1	99	<0.5	<0.5	<0.5	0.014	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0577	-	-	0.0238	-	178	-	<0.5	0.078	<0.01	-	5.07	5.09	8.09	-	11.5	92.1	-	18.8	10.1
06/06/2014	G1	92.5	<0.5	<0.5	<0.5	0.014	-	-	-	-	-	-	<0.02	-	-	-	-	0.0171	-	-	0.0202	-	168	-	0.76	0.074	<0.01	-	4.12	3.7	8	-	9.46	85.6	-	20.3	14.4
13/06/2014	G1	93.4	<0.5	<0.5	<0.5	0.0067	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0691	-	-	0.0264	-	168	-	<0.5	0.074	<0.01	-	2.58	4.38	8.07	-	10	87.5	-	13.5	9.49
13/06/2014	G1-DUP	92.6	<0.5	<0.5	<0.5	0.024	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0535	-	-	0.0257	-	167	-	<0.5	0.073	<0.01	-	4.49	6.16	8.06	-	9.57	86.6	-	14.3	8.34
25/07/2014	G1	148	<0.5	<0.5	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0333	-	-	0.0236	-	263	-	<0.5	0.094	<0.01	-	1.94	1.67	8.21	-	18.8	143	-	8	7.17
22/08/2014	G1	162	0.84	<0.5	0.7	0.017	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.032	-	-	0.0131	-	295	-	2.2	0.19	<0.01	-	1.94	1.96	8.3	-	23.9	152	-	12.8	14.8
29/08/2014	G1	165	1.02	<0.5	0.85	0.015	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0433	-	-	0.0365	-	296	-	0.66	0.099	<0.01	-	2.2	1.62	8.31	-	24.3	147	-	7.5	15.9
29/08/2014	G1-DUP	165	<0.5	<0.5	<0.5	0.016	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.039	-	-	0.0375	-	296	-	0.87	0.099	<0.01	-	1.45	1.43	8.29	-	23.8	154	-	10.2	15.9
05/09/2014	G1-DUP	148	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	0.0052	-	-	-	0.0442	-	-	0.0221	-	274	-	0.8	0.088	<0.01	-	2.9	2.8	8.24	-	24.9	135	-	13	12.9
06/09/2014	G1	148	<0.5	<0.5	<0.5	0.029	-	-	<0.02	-	-	-	<0.02	0.005	-	-	-	0.0371	-	-	0.0212	-	274	-	0.58	0.086	<0.01	-	2.85	3.27	8.19	-	23.9	140	-	12.1	13.6
12/09/2014	G1	153	<0.5	<0.5	<0.5	0.014	-	-	<0.02	-	-	-	<0.02	0.0061	-	-	-	0.0314	-	-	0.0261	-	283	-	1	0.089	<0.01	-	1.7	2.69	8.23	-	25.1	166	-	7	8.79
19/09/2014	G1	161	<0.5	<0.5	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	0.0097	-	-	-	0.0603	-	-	0.0481	-	289	-	0.68	0.098	<0.01	-	2.62	2.66	8.29	-	24	159	-	13.3	21
30/10/2014	G1	149	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0338	-	-	0.0221	-	268	-	0.97	0.083	<0.01	-	2.9	2.43	8.13	-	23.4	134	-	5.2	10.4
28/11/2014	G1	122	<0.5	<0.5	<0.5	0.059	-	-	0.03	-	-	-	0.04	0.0103	-	-	-	0.107	-	-	0.0275	-	219	-	0.79	0.076	<0.01	-	3.53	4.84	8.01	-	23.3	120	-	32.9	29.1
18/12/2014	G1	142	<0.5	<0.5	<0.5	<0.005	-	-	0.028	-	-	-	0.028	<0.005	-	-	-	0.0302	-	-	0.0293	-	252	-	1.2	0.08	<0.01	-	1.99	2.51	8.15	-	18.5	122	-	3.4	0.13
22/01/2015	G1	155	<0.5	<0.5	<0.5	<0.005	-	-	0.029	-	-	-	0.042	0.0131	-	-	-	0.0645	-	-	0.0115	-	288	-	1.3	0.096	<0.01	-	1.18	1.17	8.15	-	23.5	156	-	18	30.1
26/02/2015	G1	151	<0.5	<0.5	<0.5	0.0075	-	-	-	-	<0.02	-	0.031	0.0108	-	-	-	0.0434	-	-	0.0428	-	278	-	0.89	0.079	<0.01	-	1.6	2.43	8.23	-	22.9	145	139	13.2	22.2
27/03/2015	G1	147	<0.5	<0.5	<0.5	0.011	-	-	-	-	<0.02	-	<0.02	<0.005	-	-	-	0.061	-	-	0.016	-	278	-	0.61	0.086	<0.01	-	2.61	2.59	8.1	-	20.7	137	135	4.1	6.49
24/04/2015	G1	145	<0.5	<0.5	<0.5	0.007	-	-	0.027	-	-	-	0.035	0.008	-	-	-	0.0851	-	-	0.0278	-	255	-	0.58	0.077	<0.01	-	1.77	2.61	8.23	-	13.9	128	-	22.8	11.6
14/05/2015	G1	129	<0.5	<0.5	<0.5	0.007	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0253	-	-	0.0139	-	232	-	<0.5	0.075	<0.01	-	1.7	1.77	8.09	-	12.6	125	-	7.4	3.62
22/05/2015	G1	107	<0.5	<0.5	<0.5	0.015	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0386	-	-	0.0141	-	195	-	0.53	0.069	<0.01	-	2.74	3.26	8.06	-	10.2	98.1	-	15.4	4.16
29/05/2015	G1	102	<0.5	<0.5	<0.5	0.014	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0193	-	-	0.0176	-	186	-	<0.5	0.065	<0.01	-	2.55	2.57	8.02	-	11.1	100	-	61.7	17.8
04/06/2015	G1	103	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	0.0052	-	-	-	0.101	-	-	0.0172	-	191	-	<0.5	0.07	<0.01	-	2.88	3.29	8.04	-	10.3	102	-	81.3	21.8
12/06/2015	G1	119	<0.5	<0.5	<0.5	0.016	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0351	-	-	0.0195	-	212	-	<0.5	0.076	<0.01	-	1.24	2.8	8.16	-	12.6	108	-	8.9	2.73
24/07/2015	G1	168	1.24	<0.5	1.03	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0369	-	-	0.0114	-	302	-	0.64	0.096	<0.01	-	0.81	<0.5	8.33	-	22.9	152	-	10.5	9.11
21/08/2015	G1	175	<0.5	<0.5	<0.5	0.0087	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0335	-	-	0.0131	-	321	-	0.82	0.1	<0.01	-	0.95	1.1	8.11	-	24.3	167	-	6.8	7.24
28/08/2015	G1	174	<0.5	<0.5	<0.5	0.019	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0286	-	-	0.0126	-	327	-	0.82	0.095	<0.01	-	1.2	1.2	8.2	-	24	163	-	7.9	5.3
04/09/2015	G1	166	<0.5	<0.5	<0.5	0.013	-	-	<0.02	-	-	-	<0.02	0.0054	-	-	-	0.043	-	-	0.0207	-	307	-	1.1	0.1	<0.01	-	1.4	1.2	8.08	-	24.5	152	-	15.6	12
10/09/2015	G1	171	<0.5	<0.5	<0.5	0.0081	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0312	-	-	0.0148	-	317	-	0.92	0.099	<0.01	-	1.5	1.4	8.31	-	27.5	160	-	9.5	6.29
18/09/2015	G1	171	<0.5	<0.5	<0.5	0.023	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.012	-	-	0.0252	-	322	-	1.2	0.087	<0.01	-	1.4	1.3	-	-	25.8	164	-	5.7	7.29
13/05/2016	G1	115	<0.5	<0.5	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0235	-	-	0.0176	-	200	-	0.68	0.08	<0.01	-	1.71	2.12	8.14	-	12.7	-	-	10.6	4.44
20/07/2018	G1	-	-	-	-	-	<0.005	<0.05	<0.005	-	-	-	<0.0051	<0.001	-	-	-	<0.05 - 0.017	<0.05	-	-	0.0139	282	<0.5	-	0.094	<0.05	-	1.34	1.32	8.43	22.8	-	-	-	<3	0.87
09/11/2018	G1	-	-	-	-	-	<0.005	0.054	0.01	-	-	-	0.01	<0.001	-	-	-	0.0136 - 0.051	<0.05	-	-	0.0104	327	0.81	-	0.101	<0.05	-	1.85	1.98	8.31	37.3	-	-	-	<3	1.31
05/03/2019	G1	-	-	-	-	-	<0.005	<0.05	0.044	-	-	-	0.044	<0.001	-	-	-	<0.05 - 0.0114	<0.05	-	-	0.0103	341	1.1	-	0.107	<0.05	-	1.26	1.33	8.11	30.8	-	-	-	<3	0.87
17/06/2019	G1	-	-	-	-	-	<0.005	0.089	<0.005	-	-	-	<0.0051	<0.001	-	-	-	<0.05 - 0.0253	<0.05	-	-	0.0158	226	<0.5	-	0.091	<0.05	-	1.95	1.92	8.37	17	-	-	-	3.5	1.86
18/06/2019	G1-DUP	-	-	-	-	-	<0.005	0.087	<0.005	-	-	-	<0.0051	<0.001	-	-	-	<0.05 - 0.0234	<0.05	-	-	0.0157	228	<0.5	-	0.092	<0.05	-	1.82	1.78	8.38	17	-	-	-	4.7	1.86

Sample Date	Sample ID	Metals: Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01	0.1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life				100#6			5#7								1200			Variable#8						
BC WQG Working - Fresh Water Aquatic Life					9	9			1000	1000	0.13	0.13											8.9#16	8.9#16
CWQG Aquatic Life Freshwater - Long Term			100#23				5	5							1500	1500	Variable#24							
CWQG Aquatic Life Freshwater - Short Term															29000	29000	Variable#28							
18/06/2012	A5	-	13	6.54	0.021	0.026	0.07	0.08	19.5	18.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.0114	0.0072	25,400	26,900	-	-	0.2	0.3
24/07/2012	A5	-	5.64	7.06	0.028	0.03	0.114	0.109	23.5	24	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.024	28,200	29,000	-	-	0.35	0.32
25/08/2012	A5	-	4.76	3.62	0.021	<0.02	0.114	0.071	30.4	30.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.007	32,800	31,500	-	-	0.33	0.44
17/09/2012	A5	-	1.58	0.86	<0.02	<0.02	0.084	0.103	33.4	32.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	31,200	33,000	-	-	0.3	0.37
24/10/2012	A5	-	2.3	1.05	<0.02	0.021	0.102	0.069	32.4	33.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.293	0.029	31,700	32,200	-	-	0.24	0.23
24/11/2012	A5	-	2.12	1.19	<0.02	0.024	0.085	0.086	34.7	34.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.006	34,500	34,500	-	-	0.35	0.31
15/12/2012	A5	-	1.5	1.47	<0.02	0.026	0.116	0.121	35.6	36	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.01	33,000	33,700	-	-	0.27	0.31
24/01/2013	A5	-	26.5	7.21	0.022	<0.02	0.109	0.118	36.5	35.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	<0.005	32,700	37,100	-	-	0.23	0.28
20/02/2013	A5	-	1.88	0.78	<0.02	<0.02	0.111	0.109	35.4	35.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	32,600	32,800	-	-	0.27	0.13
20/03/2013	A5	-	1.94	1.84	<0.02	0.021	0.095	0.111	35.3	35.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.01	33,800	32,200	-	-	0.27	0.32
17/04/2013	A5	-	1.98	1.53	<0.02	<0.02	0.104	0.108	34.7	34.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	31,600	31,600	-	-	0.31	0.28
23/05/2013	A5	-	19.7	6.45	0.02	0.043	0.126	0.106	19.3	19.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.005	25,000	25,600	-	-	0.29	0.2
20/06/2013	A5	-	226	11	0.028	0.022	0.194	0.09	20	13.7	0.018	<0.01	<0.005	<0.005	<50	<50	0.085	0.008	27,200	20,000	-	-	0.51	<0.1
17/07/2013	A5	-	1.96	1.64	<0.02	<0.02	0.116	0.091	21.3	23.3	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	0.006	24,700	25,000	-	-	0.26	0.26
26/08/2013	A5	-	3.02	2.16	<0.02	<0.02	0.115	0.28	33	33.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	33,200	32,900	-	-	0.29	0.29
26/09/2013	A5	-	1.54	1.16	<0.02	<0.02	0.107	0.084	31.7	33.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	32,800	33,300	-	-	0.36	0.26
26/09/2013	A5-DUP	-	2.59	1.15	<0.02	<0.02	0.106	0.079	32.6	32	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	<0.005	34,100	35,200	-	-	0.31	0.3
24/10/2013	A5	-	2.37	1.35	<0.02	0.024	0.099	0.103	44.5	46.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.007	37,600	36,500	-	-	0.25	0.35
21/11/2013	A5	-	10.8	<0.5	<0.02	<0.02	0.115	0.114	32.2	30	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	29,600	30,300	-	-	0.3	0.33
22/12/2013	A5	-	2.72	1.79	0.02	<0.02	0.128	0.116	32.3	31.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	30,900	29,400	-	-	0.29	0.32
28/01/2014	A5	-	1.23	0.99	<0.02	<0.02	0.107	0.105	34.8	34.3	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	33,200	32,400	-	-	0.23	0.22
26/02/2014	A5	-	1.18	0.9	<0.02	<0.02	0.103	0.114	32.5	33.1	<0.01	<0.01	0.011	<0.005	<50	<50	0.006	0.005	33,300	32,400	-	-	0.29	0.27
27/03/2014	A5	-	0.95	0.64	0.021	<0.02	0.112	0.118	34.8	34.1	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	0.005	31,900	34,200	-	-	0.28	0.28
24/04/2014	A5	-	1.47	1.42	<0.02	<0.02	0.123	0.113	32	32	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	30,800	32,000	-	-	0.29	0.29
15/05/2014	A5	-	8.63	2.89	<0.02	<0.02	0.131	0.124	28.7	29.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.005	30,100	29,600	-	-	0.33	0.38
22/05/2014	A5	-	11.2	3.84	0.021	0.02	0.11	0.105	21.6	21.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.007	29,700	29,400	-	-	0.21	0.23
30/05/2014	A5	-	6.11	2.74	<0.02	<0.02	0.109	0.102	21	20.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	28,800	27,300	-	-	0.29	0.49
05/06/2014	A5	-	6.37	4.59	0.033	<0.02	0.093	0.107	18.9	19.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	25,000	26,000	-	-	0.25	0.2
12/06/2014	A5	-	3.58	2.74	0.02	0.02	0.084	0.098	21.8	21.5	<0.01	<0.01	<0.005	0.006	<50	<50	<0.005	0.008	30,900	27,300	-	-	0.25	0.28
25/07/2014	A5	-	3.23	2.99	<0.02	0.032	0.09	0.101	26.8	26.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.007	32,500	31,600	-	-	0.26	0.28
21/08/2014	A5	-	2.27	1.03	<0.02	<0.02	0.126	0.111	32.3	32.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.006	31,700	32,200	-	-	0.28	0.32
28/08/2014	A5	-	3.76	2.62	<0.02	0.02	0.122	0.105	30.6	30.9	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	29,900	31,600	-	-	0.28	0.28
05/09/2014	A5	-	2.37	1.51	<0.02	0.021	0.087	0.074	26.6	27.9	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	32,900	32,800	-	-	0.22	0.26
12/09/2014	A5	-	4.42	1.74	<0.02	<0.02	0.092	0.105	25.5	25.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	35,500	32,900	-	-	0.21	0.23
18/09/2014	A5	-	3.54	1.52	0.02	0.02	0.092	0.089	26.7	26.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.007	33,800	34,400	-	-	0.26	0.21
31/10/2014	A5	-	2.6	1.79	<0.02	<0.02	0.103	0.091	32.5	34.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	31,500	35,900	-	-	0.3	0.32
27/11/2014	A5	-	2.85	1.68	<0.02	<0.02	0.104	0.099	34.2	33.8	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	0.0058	31,900	31,500	-	-	0.26	0.22
18/12/2014	A5	-	4.39	2.8	<0.02	0.02	0.087	0.108	33.5	33.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0055	0.005	32,400	34,400	-	-	0.28	0.27
22/01/2015	A5	-	2.15	1.42	<0.02	<0.02	0.116	0.12	35.8	35.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.006	34,200	33,300	-	-	0.32	0.28
26/02/2015	A5	8900	1.55	1.46	<0.02	<0.02	0.09	0.095	33.8	33.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0059	0.009	34,300	33,800	-	-	0.3	0.3
26/03/2015	A5	7700	2.97	9.25	<0.02	<0.02	0.099	0.107	33.4	34.5	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	33,200	31,300	-	-	0.26	0.28
23/04/2015	A5	-	4.94	2.54	<0.02	0.021	0.125	0.121	30.4	30	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.0052	32,500	30,900	-	-	0.31	0.35
14/05/2015	A5	-	35.5	4.61	0.05	0.025	0.133	0.126	32.5	31.5	<0.01	<0.01	<0.005	0.0051	<10	<10	0.17	0.0139	35,300	32,700	-	-	0.48	0.35
21/05/2015	A5	-	7.36	2.29	<0.02	0.025	0.093	0.095	26.6	24.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.008	0.005	27,300	29,600	-	-	0.29	0.33
28/05/2015	A5	-	4.64	2.38	<0.02	0.021	0.103	0.09	22.7	22.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	29,400	29,700	-	-	0.23	0.28
28/05/2015	A5-DUP	-	10.6	3.37	0.022	0.023	0.101	0.103	22.8	23.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.006	31,000	31,800	-	-	0.26	0.28
05/06/2015	A5	-	7.71	2.3	<0.02	<0.02	0.09	0.097	22.6	22.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0073	0.0061	30,600	30,600	-	-	0.24	0.26
05/06/2015	A5-DUP	-	9.63	2.2	0.026	<0.02	0.102	0.09	23.1	22.8	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0373	0.0074	31,600	30,800	-	-	0.27	0.26
11/06/2015	A5	-	3.36	2.48	<0.02	0.022	0.106	0.11	25.1	26	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.0066	29,200	30,600	-	-	0.27	0.28
11/06/2015	A5-DUP	-	4.72	1.73	0.022	<0.02	0.099	0.097	26.7	22.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0073	0.0056	29,400	29,900	-	-	0.3	0.3
23/07/2015	A5	-	2.32	0.99	<0.02	<0.02	0.116	0.11	32.8	31.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0057	0.0052	30,500	31,500	-	-	0.34	0.31
20/08/2015	A5	-	2.08	1.12	<0.02	<0.02	0.094	0.075	35.7	36.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.007	34,000	33,200	-	-	0.29	0.31
27/08/2015	A5	-	1.87	1.52	<0.02	<0.02	0.116	0.099	34.9	34.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	31,800	33,900	-	-	0.32	0.31
03/09/2015	A5	-	5.88	2.66	0.025	<0.02	0.084	0.088	35	34.8	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.006	33,900	31,900	-	-	0.28	0.35
11/09/2015	A5	-	1.82	1.42	<0.02	<0.02	0.115	0.126	35.4	36.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.006	33,500	34,500	-	-	0.33	0.32
18/09/2015	A5	-	2.19	1.27	<0.02	<0.02	0.101	0.109	35.3	32.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	31,700	31,400	-	-	0.3	0.3
12/05/2016	A5	-	3.12	1.76	<0.02	<0.02	0.094	0.105	27.7	28.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.006	30,200	29,500	-	-	0.29	0.36
20/07/2018	A5	-	<3	<1	<0.1	<0.1	0.11	0.11	32.4	32.9	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0088	0.0082	30,500	30,800	<0.01	<0.01	0.33	0.3
09/11/2018	A5	-	<3	<1	<0.1	<0.1	0.12	0.1	34	35.2	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	0.0052	34,900	35,200	<0.01	<0.01	0.29	0.31
05/03/2019	A5	-	<3	1	<0.1	<0.1	0.13	0.12	40.6	35.6	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0066	<0.005	35,800	34,400	<0.01	<0.01	0.39	0.31
17/06/2019	A5	-	5.2	<1	<0.1	<0.1	0.1	0.11	23.8	25.7	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	0.0068	30,200	33,800	<0.01	<0.01	0.31	0.34
15/05/2012	G1	-	390	13.1	0.056	0.03	0.577	0.128	95.8	43.9	0.116	<0.01	0.012	0.019	<50	<50	0.22	0.012	33,100	26,500	-	-	0.46	<0.1
19/06/2012	G1	-	136	22.7	0.038	0.03	0.198	0.092	47.6	38	0.027	<0.01	0.0122	<0.005	<50	<50	0.0696	0.0166	20,900	21,000	-	-	0.21	<0.1
25/07/2012	G1	-	36.2	6.97	0.035	0.037	0.149	0.125	53.8	53.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.019	27,500	29,700	-	-	0.14	0.1
26/08/2012	G1	-	28.2	4.89	0.037	0.039	0.159	0.167	68.7	67.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.01	38,200	37,900	-	-	0.15	0.11
18/09/2012	G1	-	39	2.7	0.032	0.034	0.148	0.161	68.5	75.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.01	36,700	40,000	-	-	<0.1	<0.1
18/09/2012	G1-DUP	-	24.9	3.28	0.04	0.041	0.189	0.14	76.7	75.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.012	42,000	35,700	-	-	<0.1	<0.1
25/10/2012	G1	-	20.7	3.44	0.035	0.037	0.145	0.153	69.7	69.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.012	38,400	39,600	-	-	<0.1	<0.1
24/11/2012	G1	-	51.1	4.29	0.046	0.054	0.135	0.109	67.4	64.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.009	36,200	37,100	-	-	0.18	<0.1
16/12/2012	G1	-	41.8	2.7	0.036	0.045	0.135	0.129	69.7	69.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.011	38,000	37,400	-	-	<0.1	<0.1
25/01/2013	G1	-	19.5	6.96	0.037	0.034	0.167	0.178	74	70.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.012	39,500	36,600	-	-	<0.1	<0.1
21/02/2013	G1	-	72.1	2.58	0.035	0.033	0.182	0.147	78.6	71.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.01	40,600	39,500	-	-	<0.1	<0.1
21/03/2013	G1	-	40.6	2.49	0.033	0.041	0.13	0.155	74	76	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.008	38,200	38,500	-	-	0.12	<0.1
18/04/2013	G1	-	59.9	2.75	0.04	0.035	0.156	0.128	69.8	64.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.008	39,800	37,200	-	-	0.1	<0.1
24/05/2013	G1	-	185	25.9	0.037	0.032	0.253	0.159	55.2	41.1	0.031	<0.01	<0.005	<0.005	<50	<50	0.051	0.005	23,800	23,100	-	-	0.28	0.11
18/07/2013	G1	-	25.6	3.83	<0.02	0.036	0.145	0.141	61.7	59.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.012	31,700	32,900	-	-	<0.1	<0.1
27/08/2013	G1	-	3.6	1.38	0.033	0.029	0.104	0.113	78.2	78.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	47,200	45,100	-	-	0.15	0.27
26/09/2013	G1	-	3.78	1.98	0.03	0.026	0.12	0.086	73.7	72.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	46,200	49,900	-	-	0.22	0.11
23/10/2013	G1	-	7.15	0.98	0.023	0.038	0.097	0.104	68	72.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.007	48,300	45,300	-	-	0.15	0.19
21/11/2013	G1	-	61.4	2.03	0.035	0.037	0.148	0.144	66.6	62.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.008	31,400	32,900	-	-	<0.1	<0.1
23/12/2013	G1	-	17.7	3.09	0.042	0.046	0.152	0.166	71.6	70.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.011	38,500	37,100	-	-	<0.1	0.14
28/01/2014	G1	-	3.43	1.2	0.026	0.025	0.084	0.081	81.1	79.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	45,600	46,300	-	-	<0.1	<0.1
27/02/2014	G1	-	38.6	1.45	0.036	0.034	0.16	0.14	72.3	70.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.011	38,800	38,600	-	-	<0.1	<0.1
28/03/2014	G1	-	71.3	1.1	0.045	0.042	0.157	0.152	78.8	77.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.013	40,500	41,700	-	-	0.12	<0.1
25/04/2014	G1	-	79.6	4.16	0.055	0.044	0.164	0.138	73.9	73.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.009	41,600	42,600	-	-	0.18	<0.1
16/05/2014	G1	-	236	13.7	0.051	0.043	0.367	0.157	61	50	0.031	<0.01	0.008	<0.005	<50	<50	0.057	0.012	28,700	28,600	-	-	0.38	0.13
23/05/2014	G1	-	292	17.3	0.051	0.034	0.429	0.13	70.8	41.7	0.051	<0.01	0.008	<0.005	<50	<50	0.108	0.012	28,400	22,800	-	-	0.33	0.18
23/05/2014	G1-DUP	-	352	16.4	0.056	0.034	0.494	0.141	74.5	40.9	0.074	<0.01	0.014	<0.005	<50	<50	0.147	0.011	27,500	24,200	-	-	0.41	<0.1
29/05/2014	G1	-	122	16.8	0.036	0.038	0.226	0.116	47.7	39.7	0.014	<0.01	<0.005	<0.005	<50	<50	0.038	0.011	23,900	22,700	-	-	0.26	0.21
06/06/2014	G1	-	149	14.8	0.035	0.03	0.225	0.128	48.2	38.9	0.02	<0.01	0.005	<0.005	<50	<50	0.051	0.011	22,200	22,200	-	-	0.23	0.1
13/06/2014	G1	-	108	14.5	0.04	0.035	0.175	0.11	45.7	40.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.033	0.013	23,600	20,600	-	-	0.19	0.13
13/06/2014	G1-DUP	-	103	14.7	0.042	0.032	0.176	0.095	47	40.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.047	0.009	23,500	21,300	-	-	0.16	0.12
25/07/2014	G1	-	28	5.52	0.033	0.039	0.167	0.163	65.4	63.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.025	0.012	36,500	35,600	-	-	0.49	0.82
22/08/2014	G1	-	137	3.07	0.045	0.049	0.233	0.204	79.1	71	0.014	<0.01	0.005	<0.005	22	<20	0.041	0.01	38,700	38,900	-	-	0.18	<0.1
29/08/2014	G1	-	49.9	4.17	0.042	0.046	0.22	0.176	75.9	74.6	0.015	<0.01	0.005	<0.005	20	21	0.032	0.01	38,000	38,600	-	-	<0.1	<0.1
29/08/2014	G1-DUP	-	82.4	4.3	0.05	0.042	0.222	0.174	80.3	74.2	0.015	<0.01	<0.005	<0.005	20	<20	0.032	0.009	40,600	39,700	-	-	0.11	<0.1
05/09/2014	G1-DUP	-	57.2	5.43	0.048	0.043	0.167	0.149	70.2	66.4	0.01	<0.01	<0.005	<0.005	<20	<20	0.03	0.011	35,500	39,800	-	-	0.17	<0.1
06/09/2014	G1	-	49.3	4.57	0.043	0.046	0.176	0.129	69.7	66.8	0.012	<0.01	<0.005	<0.005	<20	<20	0.03	0.012	37,400	38,700	-	-	<0.1	<0.1
12/09/2014	G1	-	120	5.4	0.039	0.041	0.17	0.165	67.9	65.9	<0.01	<0.01	<0.005	<0.005	<20	<20	0.027	0.01	44,200	43,000	-	-	<0.1	<0.1
19/09/2014	G1	-	742	3.29	0.05	0.048	0.271	0.168	80.3	73.1	0.035	<0.01	0.007	<0.005	22	20	0.044	0.009	42,200	40,600	-	-	0.97	<0.1
30/10/2014	G1	-	75.1	3.95	0.037	0.04	0.168	0.14	65.9	68.8	<0.01	<0.01	<0.005	<0.005	18	20	0.025	0.009	34,100	39,000	-	-	0.14	<0.1
28/11/2014	G1	-	837	5.47	0.074	0.039	0.739	0.126	70.9	55.3	0.072	<0.01	<0.02	<0.005	<50	15	0.0771	0.0105	30,500	29,100	-	-	0.99	<0.1
18/12/2014	G1	-	395	4.6	0.041	0.039	0.178	0.127	63	63.7	0.011	<0.01	<0.005	<0.005	15	14	0.0212	0.01	32,500	33,400	-	-	0.53	<0.1
22/01/2015	G1	-	411	4.75	0.039	0.051	0.245	0.14	77.9	69.8	0.034	<0.01	0.006	<0.005	18	17	0.06	0.012	40,100	37,600	-	-	0.48	0.11
26/02/2015	G1	7300	147	4.5	0.038	0.048	0.192	0.121	68.3	64.9	0.017	<0.01	<0.005	<0.005	17	16	0.043	0.01	38,600	36,100	-	-	0.21	<0.1
27/03/2015	G1	7000	59.6	4.11	0.039	0.038	0.158	0.135	63.4	67.1	<0.01	<0.01	<0.005	<0.005	15	17	0.0207	0.008	36,300	34,900	-	-	0.11	<0.1
24/04/2015	G1	-	363	6.9	<0.05	0.046	0.255	0.116	59.6	52.7	0.028	<0.01	<0.02	<0.005	<50	12	0.0215	0.0071	33,200	31,400	-	-	<0.5	<0.1
14/05/2015	G1	-	83.7	24.6	0.04	0.047	0.182	0.146	54.3	53.4	<0.01	<0.01	0.0057	0.0061	14	12	0.0275	0.0263	31,200	32,900	-	-	0.25	0.11
22/05/2015	G1	-	308	9.58	0.035	0.031	0.224	0.123	53.2	43.5	0.026	<0.01	0.01	<0.005	10	<10	0.034	0.008	24,100	25,200	-	-	0.39	0.11
29/05/2015	G1	-	179	11.4	0.045	0.029	0.281	0.115	59.3	43.8	0.045	<0.01	0.006	<0.005	<10	<10	0.092	0.009	25,100	25,200	-	-	0.29	0.11
04/06/2015	G1	-	692	10.1	0.07	0.029	0.626	0.104	64.4	42.5	0.073	<0.01	<0.02	<0.005	<50	<10	0.081	0.0086	26,000	24,400	-	-	0.95	<0.1
12/06/2015	G1	-	83.8	6.5	0.035	0.036	0.166	0.122	52.6	51.1	<0.01	<0.01	<0.005	<0.005	<10	11	0.0199	0.0079	27,600	27,200	-	-	0.18	<0.1
24/07/2015	G1	-	146	3.14	0.057	0.044	0.247	0.169	79.7	72.4	0.021	<0.01	<0.02	<0.005	<50	18	0.0225	0.0097	39,900	38,300	-	-	<0.5	<0.1
21/08/2015	G1	-	63.3	2.82	0.051	0.05	0.206	0.144	88.6	88.7	<0.01	<0.01	<0.005	<0.005	21	20	0.026	0.012	43,900	43,000	-	-	0.11	<0.1
28/08/2015	G1	-	64.4	3.28	0.05	0.054	0.221	0.194	85.4	85	<0.01	<0.01	<0.005	<0.005	22	22	0.026	0.013	42,700	42,600	-	-	0.18	<0.1
04/09/2015	G1	-	249	3	0.058	0.055	0.331	0.164	83.6	79.5	0.02	<0.01	<0.02	<0.005	<50	22	0.025	0.012	41,100	43,300	-	-	<0.5	<0.1
10/09/2015	G1	-	74.2	6.13	0.049	0.054	0.212	0.195	84.4	82	<0.01	<0.01	0.006	<0.005	19	21	0.021	0.012	41,800	42,900	-	-	0.15	<0.1
18/09/2015	G1	-	58.8	3.14	0.039	0.035	0.156	0.161	83.8	76.2	<0.01	<0.01	<0.005	<0.005	17	18	0.021	0.01	43,300	40,500	-	-	0.1	<0.1
13/05/2016	G1	-	-	9.98	-	0.028	-	0.103	-	44.9	-	<0.01	-	<0.005	-	<10	-	0.006	-	25,700	-	-	-	<0.1
20/07/2018	G1	-	47.7	2.8	<0.1	<0.1	0.19	0.15	71.3	69	<0.1	<0.1	<0.05	<0.05	18	18	0.0123	0.0081	36,300	35,900	0.014	<0.01	0.13	0.1
09/11/2018	G1	-	40.3	3.2	<0.1	<0.1	0.19	0.15	75	81.7	<0.1	<0.1	<0.05	<0.05	19	19	0.0133	0.009	42,200	44,000	0.014	<0.01	0.13	<0.1
05/03/2019	G1	-	37.6	4.4	<0.1	<0.1	0.12	0.15	81.5	87.8	<0.1	<0.1	<0.05	<0.05	19	23	0.012	0.0137	41,900	48,800	0.012	<0.01	<0.1	<0.1
17/06/2019	G1	-	81.9	5.8	<0.1	<0.1	0.16	0.15	49.6	52.1	<0.1	<0.1	<0.05	<0.05	12	13	0.0181	0.0131	28,100	32,400	0.02	<0.01	0.15	0.12
18/06/2019	G1-DUP	-	85.7	5.9	<0.1	<0.1	0.2	0.15	49.1	50.6	<0.1	<0.1	<0.05	<0.05	12	13	0.0148	0.0081	28,000	32,800	0.024	<0.01	0.17	<0.1

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Location Code	Sample Date	Sample ID	Lab Report Number	Physical Tests (*in-situ* sampling)								Calculated Parameters							
				Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life																			
BC WQG Working - Fresh Water Aquatic Life																			
CWQG Aquatic Life Freshwater - Long Term																			
CWQG Aquatic Life Freshwater - Short Term																			
G2	15/05/2012	G2	B240844	5.1	8.05	262	-	10.5	86	-	-	-	-	-	116,000	<10,000	<10,000	-	125,000
	19/06/2012	G2	B252527	3.5	7.26	235	-	10.8	85	-	-	-	-	-	101,000	<10,000	<10,000	-	106,000
	25/07/2012	G2	B265706	7.1	8.42	165.6	-	9.4	90.6	-	-	-	-	-	133,000	<10,000	<10,000	-	150,000
	26/08/2012	G2	B276408	5.3	8.77	197.9	-	16.74	154.2	186.3	-	-	-	-	156,000	<10,000	<10,000	-	184,000
	18/09/2012	G2	B283851	4.9	8.31	202.1	-	23.3	212.1	102.1	-	-	-	-	162,000	<10,000	10,000	-	192,000
	25/10/2012	G2	B297129	1.31	8.39	192	350	12.05	85.6	76.5	1	-	1280	-	161,000	<10,000	<10,000	-	-
	25/10/2012	G2-DUP	B297129	1.31	8.39	192	350	12.05	85.6	76.5	1	-	<500	-	160,000	<10,000	<10,000	-	-
	24/11/2012	G2	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	150,000	10,000	10,300	-	-
	16/12/2012	G2	B2B4014	0.83	8.52	183	340	12.16	85.3	145	-	-	-	-	157,000	9800	10,200	-	186,000
	25/01/2013	G2	B306701	1.57	8.14	192	348	12.59	90.1	117	-	-	-	-	157,000	10,100	9800	-	196,000
	25/01/2013	G2-DUP	B306701	1.57	8.14	192	348	12.59	90.1	117	-	-	-	-	160,000	10,500	10,600	-	197,000
	21/02/2013	G2	B314188	0.56	8.52	325	621	811.84	8.52	99	0.73	-	-	-	159,000	9600	9500	-	182,000
	21/03/2013	G2	B322778	1.07	8.42	342	626	12.35	87.5	102	1.06	-	-	-	158,000	10,700	10,700	-	180,000
	18/04/2013	G2	B331290	1.2	8.38	191.6	351.3	13.03	92.2	263.2	1.92	-	-	-	161,000	9000	8800	-	183,000
	24/05/2013	G2	B341818	2.8	8.16	102	176.9	12.35	107.1	-	121	-	-	-	104,000	3300	3300	-	113,000
	18/07/2013	G2	B361929	7.09	8.49	245	373	10.05	83.1	104	3.72	-	-	-	150,000	6900	8200	-	150,000
	27/08/2013	G2	B376651	8.1	8.28	162.7	240.4	9.8	83	156.1	-	-	-	-	132,000	7700	8400	-	139,000
	27/08/2013	G2-DUP	B376651	8.1	8.28	162.7	240.4	9.8	83	156.1	-	-	-	-	133,000	8000	8500	-	138,000
	26/09/2013	G2	B388572	3.8	8.26	138.4	232.6	11.2	85.1	198.4	-	-	-	-	112,000	7500	7300	-	145,000
	23/10/2013	G2	B399458	2.3	8.19	129.4	228.4	10.86	82.9	353.4	-	-	-	-	119,000	6900	8000	-	139,000
	21/11/2013	G2	B3A8725	0.1	8.09	166.8	329.2	12.96	89.8	252.1	-	-	-	-	160,000	9300	8400	-	175,000
	23/12/2013	G2	B3B8312	1.2	8.3	187.9	344.9	12.24	91.9	205	-	-	-	-	158,000	10,000	11,100	-	182,000
	28/01/2014	G2	B407313	0.1	8.11	-	341.1	11.99	88.7	138.5	-	-	-	-	154,000	9200	8700	-	192,000
	27/02/2014	G2	B416171	0.4	8.31	-	349.9	12.5	87.1	152.7	-	-	-	-	155,000	9700	9300	-	186,000
	28/03/2014	G2	B424928	1.3	8.44	-	304.5	11.36	80.8	202.6	-	-	-	-	156,000	10,300	9800	-	192,000
	28/03/2014	G2-DUP	B424928	1.3	8.44	-	304.5	11.36	80.8	202.6	-	-	-	-	155,000	10,400	10,300	-	190,000
	25/04/2014	G2	B432952	2.5	8.4	-	241.3	12.12	88.6	213	-	-	-	-	155,000	9600	10,600	-	187,000
	16/05/2014	G2	B439804	4.2	8.96	-	216.7	12.32	94.4	213.3	21.3	-	-	-	127,000	4700	5300	-	145,000
	16/05/2014	G2-DUP	B439804	4.2	8.96	-	216.7	12.32	94.4	213.3	21.3	-	-	-	126,000	4900	4800	-	143,000
	23/05/2014	G2	B442060	3.9	8.39	-	173.3	13.34	96.1	241.4	89.06	-	-	-	110,000	3800	3600	-	111,000
	29/05/2014	G2	B444272	2.7	8.37	-	167.1	12.47	92	237.1	20.48	-	-	-	108,000	4300	4400	-	119,000
	06/06/2014	G2	B446972	3.3	8.32	-	155.8	13.01	97.6	258.6	22.1	-	-	-	102,000	3100	3200	-	113,000
	13/06/2014	G2	B449500	3.7	8.34	-	194.9	11.23	85.9	317.6	9.22	-	-	-	106,000	3300	3900	-	113,000
	25/07/2014	G2	B464009	8	8.46	-	272	10.45	88.5	229.7	3.27	-	-	-	151,000	8900	7200	-	162,000
	25/07/2014	G2-DUP	B464009	8	8.46	-	272	10.45	88.5	229.7	3.27	-	-	-	148,000	8400	7200	-	167,000
	22/08/2014	G2	B474408	7.22	8.39	-	329	9.82	86.3	169	2.04	-	-	-	162,000	9100	9200	-	186,000
	22/08/2014	G2-DUP	B474408	7.22	8.39	-	329	9.82	86.3	169	2.04	-	-	-	160,000	8700	9300	-	181,000
	29/08/2014	G2	B476541	7.4	8.45	-	331	10.59	88.2	163	1	-	-	-	162,000	8800	7800	-	177,000
	06/09/2014	G2	B479164	5.3	8.41	-	318	11.34	89.8	130	2.75	-	-	-	155,000	8900	8300	-	176,000
	12/09/2014	G2	B481292	3.79	8.57	-	278	11.82	89.7	152	2.79	-	-	-	158,000	10,000	10,000	-	196,000
	19/09/2014	G2	B483962	6.67	8.36	-	384	10.74	80.6	132	1.06	-	-	-	163,000	9000	8900	-	191,000
	30/10/2014	G2	B499587	3.7	8.36	-	331.7	11.58	87.6	266	-	-	-	-	160,000	9000	9000	-	192,000
	30/10/2014	G2-DUP	B499587	8.36	-	-	11.58	87.6	266	-	-	-	-	-	160,000	7900	8600	-	185,000
	28/11/2014	G2	B4A9093	1.9	8.38	-	216.8	11.44	82.5	220.6	11.91	-	-	-	134,000	7400	7400	-	156,000
	28/11/2014	G2-DUP	B4A9093	1.9	8.38	-	216.8	11.44	82.5	220.6	11.91	-	-	-	135,000	7400	7200	-	157,000
	18/12/2014	G2	B4B5326	1	8.33	-	277.2	12.76	90.9	166.7	0.95	-	-	-	154,000	6600	8300	-	170,000
	22/01/2015	G2	B505986	1.4	8.36	-	292.3	12.89	85.9	241.3	1.02	-	-	-	156,000	9800	8000	-	183,000
	26/02/2015	G2	B516449	-0.1	8.19	-	348.8	14.65	100.3	119.2	1.22	-	570	-	158,000	9700	-	-	-
	27/03/2015	G2	B525184	3.1	8.43	-	245.3	11.95	88.8	292	2.61	-	870	-	144,000	7800	-	-	-
	24/04/2015	G2	B533584	2	8.43	-	275.5	10.66	77	312.1	5.69	-	-	-	136,000	<15,000	4900	-	149,000
	24/04/2015	G2-DUP	B533584	2	8.43	-	275.5	10.66	77	312.1	5.69	-	-	-	138,000	<15,000	5100	-	148,000
	14/05/2015	G2	B540628	2.7	8.28	-	204.5	14.25	-	236.6	2.79	-	-	-	132,000	5300	5500	-	148,000
	21/05/2015	G2	B542667	6.6	8.45	-	197	11.06	90.2	299.9	3.36	-	-	-	113,000	4400	4200	-	128,000
	29/05/2015	G2	B545872	4.3	8.25	-	195	11.7	90	379.4	24.45	-	-	-	112,000	5300	<3000	-	122,000
	04/06/2015	G2	B547761	4.3	8.28	-	196.9	12.31	94.7	355	26	-	-	-	104,000	<15,000	4300	-	124,000
	12/06/2015	G2	B549906	6.4	8.33	-	223	9.74	80.8	297.5	6.47	-	-	-	125,000	4800	4700	-	140,000
	24/07/2015	G2	B563471	7.2	8.41	-	285.5	10.2	84.5	381.7	7.52	-	-	-	160,000	<15,000	7600	-	170,000
	21/08/2015	G2	B572515	8.1	8.4	-	306.7	10.23	86.8	160.5	4.85	-	-	-	161,000	8900	8900	-	188,000
	28/08/2015	G2	B575103	7.6	8.43	-	307.5	7.6	85.6	10.23	3.12	-	-	-	163,000	8800	9200	-	188,000
	04/09/2015	G2	B577658	-	-	-	-	-	-	-	-	-	-	-	164,000	8100	9800	-	180,000
	10/09/2015	G2	B579637	8.1	8.4	-	306.7	10.23	86.8	160.5	4.85	-	-	-	159,000	9000	9500	-	186,000
	18/09/2015	G2	B582068	5.2	8.39	-	162.6	11.56	91.1	124.3	1.37	-	-	-	160,000	9200	9400	-	182,000
	13/05/2016	G2	B637198	3.3	8.44	-	192.8	11.67	87.5	227.9	5.33	-	-	-	121,000	<15,000	4100	-	122,000
	20/07/2018	G2	L2133661	7.54	8.33	224.5	336.7	10.27	100.4	64.1	-	148,000	3000	<1000	151,000	8180	7590	172,000	-
	09/11/2018	G2	L2195291	1.77	7.51	199.8	359	12.23	102.4	51	2.21	165,000	6000	<1000	171,000	9850	10,600	258,000	-
	04/03/2019	G2	L2240838	0	8.24	-	358.6	13.34	91.3	37.5	0.93	166,000	3200	<1000	170,000	10,600	10,500	187,000	-
	18/06/2019	G2	L2295044	5.74	6.57	181.3	286.9	10.87	101.5	159.4	1.21	130,000	8200	<1000	139,000	6830	6150	156,000	-
H1	15/05/2012	H1	B240844	6.3	8.15	386	-	10.7	88	-	-	-	-	-	142,000	17,000	18,000	-	194,000
	19/06/2012	H1	B252527	4.6	7.41	360	-	11.4	89	-	-	-	-	-	125,000	15,000	14,000	-	169,000
	25/07/2012	H1	B265706	9.8	8.71	281.7	-	9.2	93.6	-	-	-	-	-	155,000	31,000	28,000	-	235,000
	26/08/2012	H1	B276408	6.6	8.96	336.6	-	14.61	137.1	152.7	-	-	-	-	173,000	44,000	44,000	-	296,000
	18/09/2012	H1	B283851	5.3	8.47	340.9	-	-	-	-	-	-	-	-	179,000	47,000	52,000	-	338,000
	25/10/2012	H1	B297129	0.93	8.61	323	606	12.61	88.8	69.4	3.39	-	3040	-	182,000	52,000	53,000	-	-
	23/11/2012	H1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	182,000	54,700	54,900	-	-
	16/12/2012	H1	B2B4014	0.01	8.69	318	609	12.71	87.1	149	-	-	-	-	182,000	55,300	55,000	-	338,000
	25/01/2013	H1	B306701	0.67	8.23	330	616	13.22	92.3	125	-	-	-	-	183,000	51,900	53,600	-	346,000
	21/02/2013	H1	B314188	0.02	8.52	325	621	11.84	81.2	99	0.73	-	-	-	185,000	50,900	48,100	-	326,000
	21/02/2013	H1-DUP	B314188	0.02	8.52	325	621	11.84	81.2	99	0.73	-	-	-	184,000	50,700	48,900	-	327,000
	21/03/2013	H1	B322778	1.22	8.42	342	626	12.35	87.5	102	1.06	-	-	-	188,000	53,800	55,100	-	333,000
	21/03/2013	H1-DUP	B322778	1.22	8.42	342	626	12.35	87.5	102	1.06	-	-	-	185,000	57,800	52,700	-	334,000
	18/04/2013	H1	B331290	2.1	8.55	355.7	633	11.56	83.8	268.8	1.28	-	-	-	191,000	51,300	51,800	-	341,000
	24/05/2013	H1	B341818	4	8.28	181.5	302.6	11.96	105.9	115.4	-	-	-	-	138,000	19,600	20,900	-	184,000
	18/07/2013	H1	B361929	9.23	8.64	411	588	9.75	85	8.64	4.25	-	-	-	177,000	33,200	34,700	-	261,000
	27/08/2013	H1	B376651	8.6	8.36	328.7	478.6	10.6	91	128.7	-	-	-	-	185,000	43,100	44,100	-	294,000
	26/09/2013	H1	B388572	5.7	8.2	308.6	489.5	11.04	88.1	169.3	-	-	-	-	166,000	48,500	47,300	-	325,000
	23/10/2013	H1	B399458	2.5	8.4	253.3	443.8	12.56	90.1	365.8	-	-	-	-	177,000	48,600	46,100	-	331,000
	21/11/2013	H1	B3A8725	0	8.33	238.6	88.1	13.01	93.3	266.1	-	-	-	-	195,000	55,000	53,500	-	343,000
	22/12/2013	H1	B3B7782	0	8.33	238.6	488.1	13.01	93.3	266.1	-	-	-	-	187,000	53,300	58,100	-	312,000
	28/01/2014	H1	B407313	0.3	8.26	-	489.3	11.48	85.4	141.8	-	-	-	-	181,000	53,700	50,900	-	342,000
	27/02/2014	H1	B416171	0	8.34	-	663.6	12.83	88	238.5	-	-	-	-	185,000	58,300	54,700	-	356,000
	27/02/2014	H1-DUP	B416171	0	8.34	-	663.6	12.83	88	238.5	-	-	-	-	185,000	54,800	56,900	-	367,000
	28/03/2014	H1	B424928	0	8.57	-	543.9	15.36	91.8	164.8	-	-	-	-	184,000	58,700	57,900	-	369,000
	25/04/2014	H1	B432952	4.4	8.51	-	493.5	11.62	89.7	206.4	-	-	-	-	186,000	50,400	54,600	-	353,000
	16/05/2014	H1	B439804	5.9	8.51	-	371.3	11.96	95.9	214.5	19.02	-	-	-	157,000	29,100	27,300	-	251,000
	23/05/2014	H1	B442060	5.5	8.51	-	279.5	12.4	98.8	240.5	107.4	-	-	-	138,000	18,200	16,200	-	180,000
	29/05/2014	H1	B444272	4.3	8.5	-	296.2	12	92.3	240.3	21.06	-	-	-	138,000	22,500	20,400	-	204,000
	06/06/2014	H1	B446972	5.2	8.47	-	234.2	11.73	92.6	214.9	27.9	-	-	-	133,000	16,600	16,800	-	185,000
	13/06/2014	H1	B449500	5.3	8.5	-	324.8	10.9	86.2	270.1	6.56	-	-	-	139,000	19,600	19,100	-	190,000
	25/07/2014	H1	B464009	10.6	8.49	-	446.7	10.19	90.7	203.7	2.46	-	-	-	171,000	43,100	37,900	-	279,000
	22/08/2014	H1	B474408	8.34	8.54	-	558	81.4	9.51	192	1.28	-	-	-	181,000	45,500	47,300	-	306,000
	29/08/2014	H1	B476541	9.29	8.61	-	559	10.22	89.3	162	1.12	-	-	-	181,000	45,500	1.91E6	-	308,000
	06/09/2014	H1	B479164	6.68	8.58	-	537	11.58	94.7	147	4.61	-	-	-	178,000	42,400	41,700	-	297,000
	12/09/2014	H1	B481292	4.56	8.63	-	479	11.83	82	134	1.5	-	-	-	180,000	50,200	49,300	-	340,000
	19/09/2014	H1	B483962	7.64	8.5	-	488	10.52	88.2	141	1.39	-	-	-	184,000	49,900	48,400	-	335,000
	19/09/2014	H1-DUP	B483962	7.64	8.5	-	488	10.52	88.2	141	1.39	-	-	-	125,000	5100	5400	-	146,000
	30/10/2014	H1	B499587	3.7	8.4	-	589.9	11.76	89.1	271.2	1.81	-	-	-	185,000	45,000	51,800	-	352,000
	28/11/2014	H1	B4A9093	0.8	8.5	-	418.4	11.85	83.7	229.3	2.67	-	-	-	163,000	47,000	49,900	-	324,000
	18/12/2014	H1	B4B5326	0.6	8.43	-	519.6	12.98	90.1	188.2	1.6	-	-	-	190,000	44,600	49,800	-	329,000
	22/01/2015	H1	B505986	0.5	8.49	-	541.8	12.51	87	12.51	0.69	-	-	-	185,000	54,900	56,600	-	360,000
	23/01/2015	H1-DUP	B505986	0.5	8.49	-	541.8	12.51	87	12.51	0.69	-	-	-	185,000	55,900	54,000	-	340,000
	26/02/2015	H1	B516449	-0.2	8.4	-	627.3	15.33	105.4	126.2	1.63	-	2710	-	191,000	49,400	-	-	-
	27/03/2015	H1	B525184	4.1	8.54	-	444.9	11.57	88.9	283.2	3.42	-	1490	-	177,000	45,500	-	-	-
	24/04/2015	H1	B533584	3.5	8.55	-	458.7	11.02	8302	243	4.22	-	-	-	164,000	27,000	29,700	-	251,000
	14/05/2015	H1	B540628	4.1	8.41	-	345.2	14.07	107.8	241.2	2.31	-	-	-	163,000	28,400	30,700	-	258,000
	21/05/2015	H1	B542667	7.7	8.63	-	315.5	11.1	93.3	299.3	4.55	-	-	-	142,000	21,300	22,900	-	214,000
	29/05/2015	H1	B545872	4.9	8.3	-	296.1	11.39	89	365	16.57	-	-	-	127,000	19,500	15,700	-	190,000
	04/06/2015	H1	B547761	5.2	8.38	-	311.9	12.3	97	355.7	14.29	-	-	-	134,000	17,000	17,800	-	197,000
	12/06/2015	H1	B549906	7.9	8.48	-	340.4	9.6	80.9	298.6	4.3	-	-	-	154,000	20,400	22,000	-	215,000
	24/07/2015	H1	B563471	9.4	8.57	-	468.2	9.84	86	383.4	5.14	-	-	-	184,000	40,000	38,300	-	292,000
	21/08/2015	H1	B572515	9.4	8.53	-	513.8	10.04	87.8	160.5	1.95	-	-	-	180,000	46,800	47,900	-	321,000
	28/08/2015	H1	B575103	8.6	8.58	-	520.3	10.58	90.9	228.4	2.33	-	-	-	181,000	46,500	48,100	-	332,000
	04/09/2015	H1	B577658	-	-	-	-	-	-	-	-	-	-	-	180,000	42,900	47,900	-	328,000
	10/09/2015	H1	B579637	9.6	8.63	-	511.4	87	9.89	169	0.96	-	-	-	180,000	47,700	48,800	-	327,000
	18/09/2015	H1	B582068	5.2	8.4	-	194	11.78	92.8	110.6	0.67	-	-	-	181,000	49,200	51,800	-	344,000
	13/05/2016	H1	B637198	4.5	8.61	-	329.5	11.59	89.7	230.1	4.69	-	-	-	153,000	25,000	24,200	-	227,000
	20/07/2018	H1	L2133661	9.23	8.37	393.4	562.9	10.13	101.6	74.5	-	166,000	7200	<1000	173,000	42,800	38,600	289,000	-
	09/11/2018	H1	L2195291	0.09	7.78	354.2	675	13.42	105.7	48	1.84	187,000	11,400	<1000	198,000	60,700	60,100	433,000	-
	04/03/2019	H1	L2240838	-0.1	8.4	-	679	13.83	94.7	47.6	0.55	194,000	5200	<1000	199,000	62,800	57,500	371,000	-
	18/06/2019	H1	L2295044	11.38	8.42	330.1	446.2	9.92	105	89	2.16	147,000	13,400	<1000	160,000	29,400	27,800	249,000	-

Sample Date	Sample ID	General Chemistry																																	
		Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life						Variable			32.8[#4]					Variable						0.005				600	600	Variable[#4]											
BC WQG Working - Fresh Water Aquatic Life																																					
CWQG Aquatic Life Freshwater - Long Term						Variable					13	13				0.197				0.004				120	120	0.12					6.5-9						
CWQG Aquatic Life Freshwater - Short Term											550	550												640	640												
15/05/2012	G2	141	<0.5	<0.5	<0.5	0.02	-	-	0.113	-	-	-	0.123	0.0103	-	-	-	0.255	-	-	0.0085	-	241	-	0.99	0.12	<0.01	-	-	-	8.23	-	11.5	146	-	155	68.4
19/06/2012	G2	123	<0.5	<0.5	<0.5	<0.005	-	-	0.099	-	-	-	0.105	0.006	-	-	-	0.066	-	-	0.0088	-	212	-	<0.5	0.1	<0.01	-	-	-	8.11	-	10.4	113	-	54.2	17.1
25/07/2012	G2	163	<0.5	<0.5	<0.5	0.97	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0094	-	-	<0.005	-	281	-	0.63	0.15	<0.01	-	-	-	8.15	-	26.8	141	-	3.7	0.5
26/08/2012	G2	188	0.71	<0.5	0.59	<0.005	-	-	0.052	-	-	-	0.052	<0.005	-	-	-	<0.005	-	-	<0.005	-	332	-	0.66	0.2	<0.01	-	-	-	8.3	-	21.9	183	-	<1	0.16
18/09/2012	G2	198	<0.5	<0.5	<0.5	0.0064	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	<0.005	-	-	<0.005	-	340	-	0.98	0.22	<0.01	-	-	-	8.23	-	24.1	173	-	<1	0.32
25/10/2012	G2	194	1.54	<0.5	1.28	0.0068	-	-	-	-	0.059	-	0.059	<0.005	-	-	0.059	<0.005	-	-	<0.005	-	350	-	0.7	0.23	<0.01	-	-	-	8.34	-	27.6	178	183	<1	<0.1
25/10/2012	G2-DUP	195	<0.5	<0.5	<0.5	0.027	-	-	-	-	0.063	-	0.063	<0.005	-	-	0.063	<0.005	-	-	<0.005	-	350	-	0.72	0.23	<0.01	-	-	-	8.11	-	27.9	181	182	<1	0.1
24/11/2012	G2	183	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.067	-	0.067	<0.005	-	-	0.067	0.0074	-	-	<0.005	-	331	-	1.1	0.19	<0.01	-	-	-	8.18	-	23	171	180	<1	0.38
16/12/2012	G2	191	<0.5	<0.5	<0.5	<0.005	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	<0.005	-	-	<0.005	-	343	-	<0.5	0.22	<0.01	-	-	-	8.2	-	25.1	186	-	<1	0.16
25/01/2013	G2	192	<0.5	<0.5	<0.5	0.026	-	-	0.108	-	-	-	0.108	<0.005	-	-	-	0.0057	-	-	<0.005	-	349	-	1	0.23	<0.01	-	-	-	8.08	-	26.9	178	-	<1	0.18
25/01/2013	G2-DUP	195	<0.5	<0.5	<0.5	0.009	-	-	0.099	-	-	-	0.099	<0.005	-	-	-	0.0059	-	-	<0.005	-	353	-	1	0.23	<0.01	-	-	-	8.2	-	27.3	180	-	<1	0.2
21/02/2013	G2	194	<0.5	<0.5	<0.5	0.016	-	-	0.106	-	-	-	0.106	<0.005	-	-	-	<0.005	-	-	<0.005	-	352	-	1.2	0.25	<0.01	-	-	-	8.26	-	27.8	195	-	<1	<0.1
21/03/2013	G2	192	<0.5	<0.5	<0.5	0.02	-	-	0.097	-	-	-	0.097	<0.005	-	-	-	<0.005	-	-	<0.005	-	349	-	1.1	0.25	<0.01	-	-	-	8.26	-	28	179	-	<1	<0.1
18/04/2013	G2	196	<0.5	<0.5	<0.5	0.016	-	-	0.071	-	-	-	0.071	<0.005	-	-	-	<0.005	-	-	<0.005	-	348	-	0.86	0.23	<0.01	-	-	-	8.16	-	25.3	182	-	<1	0.13
24/05/2013	G2	127	<0.5	<0.5	<0.5	0.046	-	-	0.106	-	-	-	0.106	<0.005	-	-	-	0.217	-	-	0.0089	-	216	-	<0.5	0.098	<0.01	-	-	-	8.11	-	11.4	123	-	167	42.7
18/07/2013	G2	179	1.88	<0.5	1.57	0.018	-	-	0.055	-	-	-	0.055	<0.005	-	-	-	0.0051	-	-	<0.005	-	315	-	0.81	0.17	<0.01	-	1.22	1.99	8.3	-	20.1	158	-	<1	0.37
27/08/2013	G2	161	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0186	-	-	0.0167	-	289	-	2.9	0.1	<0.01	-	<0.5	<0.5	8.29	-	22.1	144	-	1.1	0.81
27/08/2013	G2-DUP	156	2.72	<0.5	2.27	0.0076	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.019	-	-	0.017	-	291	-	1.1	0.099	<0.01	-	<0.5	<0.5	8.39	-	22.6	139	-	1.3	0.8
26/09/2013	G2	136	<0.5	<0.5	<0.5	0.015	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0177	-	-	0.0158	-	274	-	1	0.095	<0.01	-	2.42	2.81	8.25	-	22.1	143	-	1.1	1.74
23/10/2013	G2	146	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.019	-	-	0.0138	-	270	-	0.73	0.097	<0.01	-	1.72	1.64	8.16	-	22.5	139	-	<1	0.66
21/11/2013	G2	195	<0.5	<0.5	<0.5	0.066	-	-	0.091	-	-	-	0.091	<0.005	-	-	-	0.0063	-	-	<0.005	-	356	-	0.7	0.24	<0.01	-	0.87	0.95	8.28	-	29.2	177	-	<1	0.13
23/12/2013	G2	193	<0.5	<0.5	<0.5	0.0094	-	-	0.143	-	-	-	0.143	<0.005	-	-	-	<0.005	-	-	<0.005	-	347	-	1.1	0.24	<0.01	-	0.82	0.87	8.22	-	29.4	186	-	1	0.22
28/01/2014	G2	188	<0.5	<0.5	<0.5	0.013	-	-	0.137	-	-	-	0.137	<0.005	-	-	-	<0.005	-	-	<0.005	-	351	-	0.91	0.26	<0.01	-	<0.5	<0.5	8.27	-	29.7	184	-	<1	0.13
27/02/2014	G2	188	0.91	<0.5	0.76	0.016	-	-	0.127	-	-	-	0.127	<0.005	-	-	-	<0.005	-	-	<0.005	-	354	-	1.4	0.24	<0.01	-	0.81	0.87	8.31	-	30.9	184	-	<1	0.24
28/03/2014	G2	187	1.49	<0.5	1.24	0.011	-	-	0.097	-	-	-	0.097	<0.005	-	-	-	<0.005	-	-	<0.005	-	348	-	0.87	0.26	<0.01	-	0.96	<0.5	8.34	-	34.4	187	-	<1	<0.1
28/03/2014	G2-DUP	186	1.99	<0.5	1.66	0.015	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	<0.005	-	-	<0.005	-	350	-	0.87	0.26	<0.01	-	<0.5	1.06	8.34	-	31.7	187	-	<1	<0.1
25/04/2014	G2	185	1.92	<0.5	1.6	<0.005	-	-	0.096	-	-	-	0.096	<0.005	-	-	-	<0.005	-	-	<0.005	-	347	-	0.81	0.22	<0.01	-	0.54	<0.5	8.32	-	27.3	182	-	<1	0.7
16/05/2014	G2	155	<0.5	<0.5	<0.5	0.026	-	-	0.139	-	-	-	0.139	<0.005	-	-	-	0.0818	-	-	0.0082	-	265	-	0.51	0.12	<0.01	-	2.36	3.94	8.17	-	14.4	142	-	30.3	10.8
16/05/2014	G2-DUP	154	<0.5	<0.5	<0.5	0.03	-	-	0.142	-	-	-	0.142	<0.005	-	-	-	0.0727	-	-	0.0087	-	266	-	<0.5	0.12	<0.01	-	2.01	2.65	8.2	-	14.5	144	-	27.7	9.6
23/05/2014	G2	134	<0.5	<0.5	<0.5	0.017	-	-	0.219	-	-	-	0.227	0.0082	-	-	-	0.36	-	-	0.0068	-	225	-	0.54	0.1	<0.01	-	4.23	5.02	8.15	-	10.3	145	-	80	46.5
29/05/2014	G2	132	<0.5	<0.5	<0.5	0.16	-	-	0.182	-	-	-	0.182	<0.005	-	-	-	0.0467	-	-	0.0196	-	228	-	0.62	0.11	<0.01	-	2.96	4.87	8.17	-	11.9	122	-	20.1	12.7
06/06/2014	G2	125	<0.5	<0.5	<0.5	0.0099	-	-	-	-	-	-	0.139	-	-	-	-	0.0089	-	-	0.012	-	218	-	<0.5	0.11	<0.01	-	1.45	2.24	7.91	-	10	118	-	19.5	10
13/06/2014	G2	130	<0.5	<0.5	<0.5	0.011	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.0297	-	-	0.0129	-	226	-	<0.5	0.11	<0.01	-	2.67	2.64	8.19	-	10.8	119	-	8.8	6.56
25/07/2014	G2	184	<0.5	<0.5	<0.5	0.014	-	-	0.049	-	-	-	0.049	<0.005	-	-	-	0.0065	-	-	<0.005	-	314	-	1.9	0.19	<0.01	-	<0.5	0.91	8.29	-	20.4	177	-	<1	0.36
25/07/2014	G2-DUP	181	<0.5	<0.5	<0.5	0.012	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0068	-	-	<0.005	-	316	-	<0.5	0.18	<0.01	-	2.02	<0.5	8.24	-	20.2	170	-	<1	0.35
22/08/2014	G2	192	2.56	<0.5	2.13	0.026	-	-	0.073	-	-	-	0.073	<0.005	-	-	-	<0.005	-	-	<0.005	-	343	-	0.74	0.21	<0.01	-	0.97	0.63	8.37	-	24.6	176	-	<1	0.15
22/08/2014	G2-DUP	191	2.08	<0.5	1.73	0.022	-	-	0.071	-	-	-	0.071	<0.005	-	-	-	<0.005	-	-	<0.005	-	345	-	0.66	0.21	<0.01	-	1.48	0.66	8.34	-	25.1	175	-	<1	0.15
29/08/2014	G2	194	1.87	<0.5	1.56	0.027	-	-	0.069	-	-	-	0.069	<0.005	-	-	-	<0.005	-	-	<0.005	-	341	-	0.82	0.22	<0.01	-	0.84	1	8.32	-	24.8	177	-	<1	0.19
06/09/2014	G2	186	1.36	<0.5	1.13	0.011	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	0.0065	-	-	<0.005	-	327	-	0.7	0.18	<0.01	-	1.77	2.16	8.33	-	23.5	175	-	1.3	0.64
12/09/2014	G2	189	1.86	<0.5	1.55	0.026	-	-	0.044	-	-	-	0.044	<0.005	-	-	-	0.006	-	-	<0.005	-	336	-	0.83	0.19	<0.01	-	0.61	1.42	8.32	-	24.3	197	-	<1	0.44
19/09/2014	G2	192	3.24	<0.5	2.7	0.011	-	-	0.076	-	-	-	0.076	<0.005	-	-	-	<0.005	-	-	<0.005	-	339	-	<0.5	0.22	<0.01	-	0.9	2.13	8.39	-	24.8	196	-	<1	0.25
30/10/2014	G2	195	<0.5	<0.5	<0.5	0.0053	-	-	0.051	-	-	-	0.051	<0.005	-	-	-	0.0054	-	-	<0.005	-	336	-	0.73	0.19	<0.01	-	1.09	0.56	8.27	-	26.5	183	-	<1	0.2
30/10/2014	G2-DUP	196	<0.5	<0.5	<0.5	0.017	-	-	0.045	-	-	-	0.045	<0.005	-	-	-	0.0094	-	-	<0.005	-	346	-	0.83	0.19	<0.01	-	1.28	1.08	8.29	-	25.8	172	-	<1	0.22
28/11/2014	G2	163	<0.5	<0.5	<0.5	0.0068	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	0.013	-	-	0.0064	-	299	-	1.1	0.17	<0.01	-	2.56	2.32	8.16	-	22	160	-	9.5	2.29
28/11/2014	G2-DUP	165	<0.5	<0.5	<0.5	0.0058	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.064	-	-	<0.005	-	297	-	0.87	0.17	<0.01	-	2.51	2.56	8.16	-	21.7	164	-	3.8	2.38
18/12/2014	G2	188	<0.5	<0.5	<0.5	<0.005	-	-	0.101	-	-	-	0.101	<0.005	-	-	-	<0.005	-	-	<0.005	-	329	-	1	0.19	<0.01	-	0.79	0.96	8.3	-	23.6	166	-	1	8.14
22/01/2015	G2	191	<0.5	<0.5	<0.5	<0.005	-	-	0.107	-	-	-	0.107	<0.005	-	-	-	<0.005	-	-	<0.005	-	345	-	0.84	0.24	<0.01	-	0.72	0.64	8.26	-	26.7	183	-	<1	0.15
26/02/2015	G2	191	0.68	<0.5	0.57	0.0057	-	-	-	-	0.105	-	0.105	<0.005	-	-	-	<0.005	-	-	<0.005	-	345	-	0.5	0.2	<0.01	-	1.35	1.27	8.31	-	25.5	182	185	<1	0.63
27/03/2015	G2	174	1.04	<0.5	0.87	0.011	-	-	-	-	0.03	-	0.03	<0.005	-	-	-	0.0427	-	-	<0.005	-	326	-	0.61	0.18	<0.01	-	1.04	<0.5	8.32	-	22.9	166	172	<1	0.36
24/04/2015	G2	166	<0.5	<0.5	<0.5	0.0085	-	-	0.123	-	-	-	0.123	<0.005	-	-	-	0.0151	-	-	0.0097	-	288	-	<0.5	0.12	<0.01	-	3.57	6.89	8.24	-	15	142	-	4.9	2.59
24/04/2015	G2-DUP	169	<0.5	<0.5	<0.5	0.011	-	-	0.124	-	-	-	0.124	<0.005	-	-	-	0.0143	-	-	0.0074	-	289	-	0.62	0.12	<0.01	-	2.19	3.27	8.27	-	14.9	148	-	4.9	1.09
14/05/2015	G2	161	<0.5	<0.5	<0.5	0.014	-	-	0.103	-	-	-	0.103	<0.005	-	-	-	0.0081	-	-	<0.005	-	276	-	<0.5	0.12	<0.01	-	2.02	2.3	8.27	-	14	151	-	2.4	1.22
21/05/2015	G2	138	<0.5	<0.5	<0.5	0.023	-	-	0.056	-	-	-	0.056	<0.005	-	-	-	0.017	-	-	<0.005	-	249	-	0.6	0.12	<0.01	-	2.14	1.47	8.07	-	11.9	129	-	6.4	1.29
29/05/2015	G2	136	<0.5	<0.5	<0.5	0.0088	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	0.0438	-	-	0.0062	-	236	-	1.6	0.093	<0.01	-	1.87	1.5	8.21	-	13	123	-	26	10.4
04/06/2015	G2	127	<0.5	<0.5	<0.5	0.062	-	-	0.047	-	-	-	0.047	<0.005	-	-	-	0.0734	-	-	0.0075	-	231	-	<0.5	0.099	<0.01	-	1.61	1.81	7.99	-	11.7	118	-	42.9	20
12/06/2015	G2	153	<0.5	<0.5	<0.5	0.011	-	-	0.076	-	-	-	0.076	<0.005	-	-	-	0.0199	-	-	0.007	-	265	-	<0.5	0.12	<0.01	-	0.88	0.65	8.23	-	15.3	138	-	6.6	1.94
24/07/2015	G2	189	3.25	<0.5	2.71	0.0093	-	-	0.087	-	-	-	0.087	<0.005	-	-	-	0.0205	-	-	<0.005	-	342	-	0.73	0.19	<0.01	-	0.57	0.99	8.41	-	22.8	177	-	7.8	4.05
21/08/2015	G2	197	<0.5	<0.5	<0.5	0.022	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	0.0113	-	-	<0.005	-	355	-	0.54	0.22	<0.01	-	<0.5	1	8.22	-	25	188	-	2.2	0.73
28/08/2015	G2	198	<0.5	<0.5	<0.5	0.019	-	-	0.075	-	-	-	0.075	<0.005	-	-	-	0.0076	-	-	<0.005	-	355	-	<0.5	0.22	<0.01	-	0.64	0.5	8.25	-	25.3	190	-	1.9	1.06
04/09/2015	G2	194	3	<0.5	2.5	<0.005	-	-	0.086	-	-	-	0.086	<0.005	-	-	-	0.0126	-	-	<0.005	-	353	-	1.1	0.22	<0.01	-	0.52	0.63	8.41	-	25.2	178	-	5.9	1.36
10/09/2015	G2	192	1.07	<0.5	0.89	0.03	-	-	0.047	-	-	-	0.047	<0.005	-	-	-	0.006	-	-	<0.005	-	350	-	0.74	0.22	<0.01	-	<0.5	<0.5	8.33	-	26.9	188	-	1.4	0.82
18/09/2015	G2	191	2.14	<0.5	1.78	0.017	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	0.0073	-	-	<0.005	-	353	-	1.1	0.22	<0.01	-	0.74	0.57	-	-	25.8	186	-	1.1	0.69
13/05/2016	G2	147	<0.5	<0.5	<0.5	0.026	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0274	-	-	0.0094	-	251	-	0.69	0.12	<0.01	-	1.72	2.39	8.24	-	14.1	120	-	18.8	5.51
20/07/2018	G2	-	-	-	-	-	<0.005	<0.05	0.0602	-	-	-	0.0602	<0.001	-	-	-	<0.05 - 0.006	<0.05	-	-	0.0029	329	<0.5	-	0.201	<0.05	-	0.82	0.86	8.49	23.4	-	-	-	<3	0.25
09/11/2018	G2	-	-	-	-	-	0.008	<0.05	0.0681	-	-	-	0.0681	<0.001	-	-	-	<0.05 - 0.0034	<0.05	-	-	0.0019	350	0.53	-	0.258	<0.05	-	0.64	0.6	8.38	30.3	-	-	-	<3	0.31
04/03/2019	G2	-	-	-	-	-	0.0216	<0.05	0.119	-	-	-	0.119	<0.001	-	-	-	<0.05 - 0.003	<0.05	-	-	0.0014	364	0.6	-	0.285	<0.05	-	0.76	<0.5	8.31	32.8	-	-	-	<3	<0.1
18/06/2019	G2	-	-	-	-	-	0.0054	0.075	0.0394	-	-	-	0.0404	0.0011	-	-	-	<0.05 - 0.0078	<0.05	-	-	0.0024	287	<0.5	-	0.152	<0.05	-	1.24	0.94	8.46	19.1	-	-	-	<3	0.59
15/05/2012	H1	172	0.91	<0.5	0.76	0.014	-	-	0.425	-	-	-	0.432	0.0068	-	-	-	0.192	-	-	0.0057	-	364	-	1.1	0.16	<0.01	-	-	-	8.31	-	53.2	208	-	105	48.9
19/06/2012	H1	152	<0.5	<0.5	<0.5	0.0066	-	-	0.32	-	-	-	0.32	<0.005	-	-	-	0.0621	-	-	0.0068	-	326	-	0.8	0.14	<0.01	-	-	-	8.12	-	46.6	170	-	31.5	10.3
25/07/2012	H1	186	1.1	<0.5	0.92	0.26	-	-	0.377	-	-	-	0.377	<0.005	-	-	-	0.0139	-	-	<0.005	-	442	-	0.82	0.21	<0.01	-	-	-	8.32	-	75.8	244	-	5.4	0.78
26/08/2012	H1	211	<0.5	<0.5	<0.5	0.0067	-	-	0.675	-	-	-	0.675	<0.005	-	-	-	0.0051	-	-	<0.005	-	544	-	1.3	0.23	<0.01	-	-	-	8.26	-	115	302	-	2.6	0.26
18/09/2012	H1	216	1.07	<0.5	0.89	0.25	-	-	0.769	-	-	-	0.769	<0.005	-	-	-	0.0059	-	-	<0.005	-	574	-	1.6	0.24	<0.01	-	-	-	8.31	-	131	298	-	1.7	0.25
25/10/2012	H1	214	3.65	<0.5	3.04	0.012	-	-	-	-	0.794	-	0.794	<0.005	-	-	0.794	<0.005	-	-	<0.005	-	609	-	1.4	0.24	<0.01	-	-	-	8.41	-	153	324	324	1.1	0.17
23/11/2012	H1	223	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.962	-	0.962	<0.005	-	-	0.962	<0.005	-	-	<0.005	-	610	-	1.5	0.22	<0.01	-	-	-	8.24	-	144	337	334	1	0.29
16/12/2012	H1	222	<0.5	<0.5	<0.5	<0.005	-	-	0.837	-	-	-	0.837	<0.005	-	-	-	0.0057	-	-	<0.005	-	609	-	0.91	0.24	<0.01	-	-	-	8.23	-	144	343	-	<1	0.21
25/01/2013	H1	224	<0.5	<0.5	<0.5	0.052	-	-	0.851	-	-	-	0.851	<0.005	-	-	-	0.0109	-	-	0.006	-	619	-	1.6	0.26	<0.01	-	-	-	8.25	-	140	329	-	1.6	0.18
21/02/2013	H1	221	1.96	<0.5	1.63	0.018	-	-	0.863	-	-	-	0.863	<0.005	-	-	-	0.0077	-	-	<0.005	-	622	-	1.6	0.27	<0.01	-	-	-	8.33	-	145	340	-	2.8	0.14
21/02/2013	H1-DUP	224	0.65	<0.5	0.54	0.014	-	-	0.874	-	-	-	0.874	<0.005	-	-	-	0.0074	-	-	<0.005	-	622	-	1.2	0.27	<0.01	-	-	-	8.31	-	144	333	-	2.7	0.14
21/03/2013	H1	225	2.5	<0.5	2.08	0.016	-	-	0.909	-	-	-	0.909	<0.005	-	-	-	<0.005	-	-	<0.005	-	637	-	1.7	0.26	<0.01	-	-	-	8.33	-	158	331	-	1.2	0.26
21/03/2013	H1-DUP	226	<0.5	<0.5	<0.5	0.017	-	-	0.913	-	-	-	0.913	<0.005	-	-	-	<0.005	-	-	<0.005	-	632	-	1.7	0.27	<0.01	-	-	-	8.3	-	159	336	-	<1	0.25
18/04/2013	H1	233	<0.5	<0.5	<0.5	0.0078	-	-	0.961	-	-	-	0.961	<0.005	-	-	-	<0.005	-	-	<0.005	-	630	-	1.1	0.24	<0.01	-	-	-	8.26	-	160	338	-	<1	0.18
24/05/2013	H1	164	2.16	<0.5	1.8	0.04	-	-	0.435	-	-	-	0.435	<0.005	-	-	-	0.105	-	-	0.0128	-	372	-	1.1	0.14	<0.01	-	-	-	8.31	-	59.9	190	-	88	31.1
18/07/2013	H1	208	3.54	<0.5	2.95	0.013	-	-	0.546	-	-	-	0.546	<0.005	-	-	-	0.006	-	-	<0.005	-	502	-	1.2	0.22	<0.01	-	1.38	1.72	8.39	-	101	268	-	1.4	0.38
27/08/2013	H1	215	5.17	<0.5	4.31	0.014	-	-	0.696	-	-	-	0.696	<0.005	-	-	-	0.0072	-	-	<0.005	-	579	-	1.4	0.24	<0.01	-	<0.5	2.02	8.48	-	130	293	-	<1	0.22
26/09/2013	H1	194	4.37	<0.5	3.64	0.014	-	-	0.697	-	-	-	0.697	<0.005	-	-	-	<0.005	-	-	<0.005	-	584	-	1.5	0.24	<0.1	-	1.39	1.72	8.42	-	141	327	-	<1	0.33
23/10/2013	H1	217	<0.5	<0.5	<0.5	0.0093	-	-	0.787	-	-	-	0.787	<0.005	-	-	-	0.0054	-	-	<0.005	-	604	-	1.1	0.24	<0.1	-	0.74	<0.5	8.3	-	144	329	-	<1	0.13
21/11/2013	H1	238	<0.5	<0.5	<0.5	0.015	-	-	0.811	-	-	-	0.811	<0.005	-	-	-	0.0071	-	-	<0.005	-	650	-	1.2	0.27	<0.01	-	1.62	1.69	8.15	-	161	342	-	<1	0.19
22/12/2013	H1	229	<0.5	<0.5	<0.5	0.024	-	-	0.983	-	-	-	0.983	<0.005	-	-	-	0.0113	-	-	<0.005	-	645	-	1.5	0.23	<0.01	-	<0.5	<0.5	8.28	-	164	334	-	3.2	0.36
28/01/2014	H1	221	<0.5	<0.5	<0.5	0.011	-	-	1	-	-	-	1	<0.005	-	-	-	0.0056	-	-	<0.005	-	650	-	1.3	0.26	<0.1	-	<0.5	0.7	8.26	-	165	338	-	<1	0.16
27/02/2014	H1	222	2.16	<0.5	1.8	0.011	-	-	1.03	-	-	-	1.03	<0.005	-	-	-	0.0062	-	-	0.0051	-	669	-	1.7	0.25	<0.05	-	0.8	1.25	8.33	-	178	360	-	<1	0.25
27/02/2014	H1-DUP	221	2.59	<0.5	2.16	0.016	-	-	1.04	-	-	-	1.04	<0.005	-	-	-	0.0056	-	-	0.0053	-	669	-	1.9	0.25	<0.05	-	1.24	1.32	8.35	-	180	355	-	<1	0.26
28/03/2014	H1	218	3.14	<0.5	2.62	0.016	-	-	0.934	-	-	-	0.934	<0.005	-	-	-	<0.005	-	-	<0.005	-	653	-	1.6	0.26	<0.1	-	1.23	0.63	8.37	-	173	353	-	<1	0.11
25/04/2014	H1	218	4.78	<0.5	3.98	0.0067	-	-	0.853	-	-	-	0.853	<0.005	-	-	-	0.0078	-	-	<0.005	-	626	-	6	0.24	<0.1	-	1.7	1.85	8.42	-	145	342	-	3.4	1.37
16/05/2014	H1	192	<0.5	<0.5	<0.5	0.033	-	-	0.588	-	-	-	0.588	<0.005	-	-	-	0.0738	-	-	<0.005	-	452	-	0.62	0.15	<0.01	-	2.76	3.21	8.28	-	80.2	249	-	33.8	9.16
23/05/2014	H1	168	<0.5	<0.5	<0.5	0.015	-	-	0.497	-	-	-	0.51	0.0128	-	-	-	0.373	-	-	0.0052	-	367	-	1.3	0.14	<0.01	-	3.65	4.13	8.29	-	54	211	-	87	53.7
29/05/2014	H1	168	<0.5	<0.5	<0.5	0.017	-	-	0.547	-	-	-	0.547	<0.005	-	-	-	0.05	-	-	0.0192	-	389	-	0.65	0.15	<0.01	-	2.27	4.57	8.29	-	60.1	209	-	19.7	11.4
06/06/2014	H1	162	<0.5	<0.5	<0.5	0.015	-	-	-	-	-	-	0.404	-	-	-	-	0.0221	-	-	0.0074	-	356	-	0.88	0.15	<0.01	-	1.81	2.28	8.21	-	50.6	188	-	17.9	6.24
13/06/2014	H1	169	<0.5	<0.5	<0.5	0.012	-	-	0.348	-	-	-	0.348	<0.005	-	-	-	0.019	-	-	0.0093	-	371	-	0.53	0.16	<0.01	-	2.26	2.35	8.26	-	54.4	202	-	6.6	2.89
25/07/2014	H1	202	3.6	<0.5	3	0.017	-	-	0.47	-	-	-	0.47	<0.005	-	-	-	<0.005	-	-	<0.005	-	519	-	2.4	0.22	<0.01	-	2.11	0.67	8.4	-	108	307	-	1.2	0.31
22/08/2014	H1	213	4.02	<0.5	3.35	0.057	-	-	0.646	-	-	-	0.646	<0.005	-	-	-	0.0056	-	-	<0.005	-	582	-	1.3	0.22	<0.01	-	<0.5	1.8	8.41	-	139	304	-	1.2	0.24
29/08/2014	H1	213	4.01	<0.5	3.34	0.012	-	-	0.657	-	-	-	0.657	<0.005	-	-	-	0.0062	-	-	<0.005	-	579	-	1.5	0.22	<0.01	-	1.95	1.4	8.39	-	137	306	-	<1	0.2
06/09/2014	H1	210	3.24	<0.5	2.7	0.018	-	-	0.626	-	-	-	0.626	<0.005	-	-	-	0.0081	-	-	<0.005	-	552	-	1.4	0.22	<0.01	-	1.06	0.98	8.38	-	121	303	-	1.8	0.57
12/09/2014	H1	214	2.3	<0.5	1.92	0.04	-	-	0.656	-	-	-	0.656	<0.005	-	-	-	0.0063	-	-	<0.005	-	577	-	1.5	0.21	<0.01	-	1.01	1.25	8.35	-	127	348	-	<1	0.22
19/09/2014	H1	214	4.82	<0.5	4.02	0.0092	-	-	0.714	-	-	-	0.714	<0.005	-	-	-	0.0058	-	-	<0.005	-	593	-	1.5	0.24	<0.01	-	1.21	1.59	8.42	-	140	336	-	<1	0.18
19/09/2014	H1-DUP	153	<0.5	<0.5	<0.5	0.0077	-	-	0.052	-	-	-	0.052	<0.005	-	-	-	0.0131	-	-	<0.005	-	258	-	<0.5	0.2	<0.01	-	1.2	2.77	8.23	-	14.1	147	-	<1	0.11
30/10/2014	H1	220	2.48	<0.5	2.07	0.0086	-	-	0.744	-	-	-	0.744	<0.005	-	-	-	<0.005	-	-	<0.005	-	598	-	1.2	0.21	<0.01	-	1.08	1.3	8.36	-	144	328	-	1.6	0.23
28/11/2014	H1	199	<0.5	<0.5	<0.5	<0.005	-	-	0.751	-	-	-	0.751	<0.005	-	-	-	0.0229	-	-	0.007	-	585	-	1.5	0.2	<0.1	-	1.54	2.81	8.16	-	148	313	-	11.7	3.35
18/12/2014	H1	232	<0.5	<0.5	<0.5	0.0076	-	-	0.832	-	-	-	0.832	<0.005	-	-	-	0.0077	-	-	<0.005	-	616	-	1.8	0.22	<0.01	-	0.64	1.29	8.29	-	146	310	-	<1	0.14
22/01/2015	H1	225	<0.5	<0.5	<0.5	0.0056	-	-	0.908	-	-	-	0.908	<0.005	-	-	-	0.005	-	-	<0.005	-	634	-	1.4	0.25	<0.01	-	<0.5	0.66	8.29	-	159	355	-	<1	0.16
23/01/2015	H1-DUP	225	<0.5	<0.5	<0.5	<0.005	-	-	0.905	-	-	-	0.905	<0.005	-	-	-	<0.005	-	-	<0.005	-	637	-	1.4	0.26	<0.01	-	0.78	0.67	8.3	-	161	351	-	<1	<0.1
26/02/2015	H1	227	3.25	<0.5	2.71	0.0059	-	-	-	-	0.804	-	0.804	<0.005	-	-	-	<0.005	-	-	<0.005	-	619	-	1.1	0.22	<0.01	-	1.6	1.43	8.38	-	148	343	344	<1	0.23
27/03/2015	H1	212	1.79	<0.5	1.49	0.014	-	-	-	-	0.669	-	0.669	<0.005	-	-	-	0.0441	-	-	<0.005	-	588	-	1.4	0.23	<0.01	-	1.51	1.36	8.34	-	130	324	317	1.8	0.49
24/04/2015	H1	200	<0.5	<0.5	<0.5	0.0097	-	-	0.581	-	-	-	0.581	<0.005	-	-	-	0.0128	-	-	<0.005	-	481	-	1.2	0.16	<0.01	-	4.09	5.84	8.27	-	90.4	251	-	4.4	1.43
14/05/2015	H1	193	2.62	<0.5	2.18	0.016	-	-	0.456	-	-	-	0.456	<0.005	-	-	-	0.0041	-	-	<0.005	-	465	-	0.9	0.17	<0.01	-	2.39	1.97	8.37	-	84.1	256	-	2.2	0.43
21/05/2015	H1	174	<0.5	<0.5	<0.5	0.078	-	-	0.301	-	-	-	0.301	<0.005	-	-	-	0.009	-	-	<0.005	-	399	-	0.77	0.17	<0.01	-	1.15	1.5	8.26	-	65.5	206	-	3.5	0.74
29/05/2015	H1	155	<0.5	<0.5	<0.5	0.013	-	-	0.27	-	-	-	0.27	<0.005	-	-	-	0.0265	-	-	0.0052	-	352	-	0.71	0.13	<0.01	-	2.05	1.75	8.14	-	49.3	192	-	15.2	4.54
04/06/2015	H1	164	<0.5	<0.5	<0.5	0.028	-	-	0.207	-	-	-	0.207	<0.005	-	-	-	0.0498	-	-	<0.005	-	361	-	<0.5	0.14	<0.01	-	2.53	2.39	8.19	-	51.6	195	-	30.2	11.2
12/06/2015	H1	188	<0.5	<0.5	<0.5	0.022	-	-	0.339	-	-	-	0.339	<0.005	-	-	-	0.0149	-	-	0.0053	-	398	-	<0.5	0.17	<0.01	-	1.25	0.82	8.24	-	64.7	214	-	3.8	0.95
24/07/2015	H1	214	5.04	<0.5	4.2	0.011	-	-	0.549	-	-	-	0.549	<0.005	-	-	-	0.0126	-	-	<0.005	-	561	-	1.2	0.23	<0.01	-	<0.5	1.8	8.46	-	118	308	-	4.9	2.22
21/08/2015	H1	220	<0.5	<0.5	<0.5	0.0093	-	-	0.563	-	-	-	0.563	<0.005	-	-	-	0.0109	-	-	<0.005	-	600	-	1.1	0.24	<0.01	-	0.51	1.2	8.29	-	135	322	-	2.6	0.62
28/08/2015	H1	221	<0.5	<0.5	<0.5	0.011	-	-	0.619	-	-	-	0.619	<0.005	-	-	-	0.0067	-	-	<0.005	-	609	-	1.1	0.24	<0.01	-	0.72	0.72	8.29	-	137	324	-	1	0.63
04/09/2015	H1	213	3.52	<0.5	2.93	0.01	-	-	0.683	-	-	-	0.683	<0.005	-	-	-	0.0099	-	-	<0.005	-	589	-	1.2	0.24	<0.01	-	0.65	0.93	8.38	-	134	321	-	2.5	0.8
10/09/2015	H1	211	4.32	<0.5	3.6	0.016	-	-	0.443	-	-	-	0.443	<0.005	-	-	-	0.0052	-	-	<0.005	-	596	-	1.3	0.25	<0.01	-	0.53	<0.5	8.42	-	141	319	-	1.2	0.39
18/09/2015	H1	214	3.3	<0.5	2.75	0.013	-	-	0.681	-	-	-	0.681	<0.005	-	-	-	0.006	-	-	<0.005	-	615	-	1.6	0.23	<0.01	-	0.78	0.71	-	-	142	340	-	1	0.33
13/05/2016	H1	187	<0.5	<0.5	<0.5	0.012	-	-	0.408	-	-	-	0.408	<0.005	-	-	-	0.0171	-	-	0.0055	-	426	-	0.51	0.16	<0.01	-	1.07	1.41	8.29	-	75.4	211	-	8.8	1.62
20/07/2018	H1	-	-	-	-	-	0.0058	0.093	0.428	-	-	-	0.428	<0.001	-	-	-	<0.05 - 0.0054	<0.05	-	-	0.0016	552	0.69	-	0.234	<0.05	-	1.01	1.11	8.53	121	-	-	-	<3	0.33
09/11/2018	H1	-	-	-	-	-	<0.005	0.237	0.697	-	-	-	0.697	<0.001	-	-	-	<0.05 - 0.0036	<0.05	-	-	<0.001	656	1.11	-	0.257	<0.05	-	0.86	0.9	8.44	175	-	-	-	<3	0.43
04/03/2019	H1	-	-	-	-	-	0.0095	0.156	0.838	-	-	-	0.838	<0.001	-	-	-	<0.05 - 0.0064	<0.05	-	-	0.0057	686	1.18	-	0.279	<0.05	-	0.72	0.7	8.34	181	-	-	-	<3	0.21
18/06/2019	H1	-	-	-	-	-	0.0227	0.15	0.214	-	-	-	0.215	0.0016	-	-	-	<0.05 - 0.008	<0.05	-	-	0.0018	445	0.56	-	0.205	<0.05	-	1.33	1.18	8.55	83.8	-	-	-	3.5	0.9

Sample Date	Sample ID	Metals																					
		Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01	0.1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life				100[#6]			5[#7]								1200			Variable[#8]						
BC WQG Working - Fresh Water Aquatic Life					9	9			1000	1000	0.13	0.13											8.9[#16]	8.9[#16]
CWQG Aquatic Life Freshwater - Long Term			100[#23]				5	5							1500	1500	Variable[#24]							
CWQG Aquatic Life Freshwater - Short Term															29000	29000	Variable[#28]							
15/05/2012	G2	-	378	6.67	0.054	0.031	0.516	0.107	99	56.1	0.085	<0.01	0.006	0.016	<50	<50	0.2	0.01	39,200	32,000	-	-	0.57	0.23
19/06/2012	G2	-	130	7.08	0.04	0.029	0.229	0.048	62.4	48.3	0.027	<0.01	<0.005	<0.005	<50	<50	0.0644	0.0088	29,300	27,600	-	-	0.39	0.2
25/07/2012	G2	-	23.3	7.62	0.031	0.037	0.117	0.1	65.7	65.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.009	35,600	39,000	-	-	0.26	0.26
26/08/2012	G2	-	8.58	8.27	0.034	0.029	0.122	0.115	77.4	75.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.006	47,500	47,500	-	-	0.27	0.36
18/09/2012	G2	-	3.83	2.19	0.023	0.022	0.069	0.096	74	76	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.006	44,300	49,100	-	-	0.13	0.22
25/10/2012	G2	-	3.22	1.22	0.025	0.024	0.074	0.072	71.7	69.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.009	46,100	47,500	-	-	0.13	0.11
25/10/2012	G2-DUP	-	2.56	1.15	0.029	0.032	0.085	0.061	71.2	71.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.015	47,300	47,000	-	-	<0.1	<0.1
24/11/2012	G2	-	16.4	1.32	0.035	0.035	0.118	0.075	75.4	73.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.007	43,900	47,300	-	-	0.23	0.19
16/12/2012	G2	-	2.99	1.99	0.027	0.026	0.097	0.106	73	73.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.011	46,700	47,600	-	-	0.18	0.19
25/01/2013	G2	-	2.98	1.22	0.024	0.027	0.111	0.086	74	70.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.006	46,800	51,900	-	-	0.12	0.21
25/01/2013	G2-DUP	-	3.04	3.68	0.024	0.024	0.123	0.095	72	67.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.007	47,500	51,300	-	-	0.13	0.19
21/02/2013	G2	-	2.79	1.03	0.024	0.021	0.076	0.087	71.1	68.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.007	51,200	46,100	-	-	0.15	<0.1
21/03/2013	G2	-	3.72	1.39	0.021	0.032	0.065	0.089	69.5	73	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	45,800	46,500	-	-	0.18	0.16
18/04/2013	G2	-	3.39	1.28	0.032	0.027	0.119	0.12	69.2	68.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	47,400	47,200	-	-	0.15	0.2
24/05/2013	G2	-	278	21.6	0.048	0.031	0.433	0.18	87.1	51.7	0.06	<0.01	0.005	<0.005	<50	<50	0.133	0.009	32,100	29,300	-	-	0.52	0.19
18/07/2013	G2	-	8.01	2.22	<0.02	0.032	0.087	0.095	73.3	67.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.008	40,000	37,800	-	-	0.16	0.19
27/08/2013	G2	-	39.6	3.17	0.041	0.045	0.209	0.182	75.2	73.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.011	36,900	35,900	-	-	<0.1	<0.1
27/08/2013	G2-DUP	-	23.1	2.94	0.041	0.037	0.169	0.166	73.1	71.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.01	35,900	35,300	-	-	<0.1	<0.1
26/09/2013	G2	-	17.6	3.7	0.04	0.048	0.188	0.16	68.4	68.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.01	37,200	38,800	-	-	0.11	<0.1
23/10/2013	G2	-	17.6	2.68	0.036	0.04	0.138	0.157	62	62.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.01	35,700	36,700	-	-	<0.1	<0.1
21/11/2013	G2	-	12.5	0.67	0.026	0.03	0.102	0.103	69.4	67.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	43,500	43,200	-	-	0.17	0.18
23/12/2013	G2	-	3.04	2.64	0.029	0.03	0.08	0.099	71.3	68.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	47,900	47,100	-	-	0.2	0.26
28/01/2014	G2	-	1.5	0.78	0.025	0.025	0.073	0.075	69.7	69.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	48,000	51,600	-	-	0.11	<0.1
27/02/2014	G2	-	2.48	0.76	0.023	0.022	0.075	0.08	66.8	65.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	48,000	47,400	-	-	0.19	0.17
28/03/2014	G2	-	1.57	<0.5	0.024	0.028	0.079	0.09	68.9	68.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	48,200	50,000	-	-	0.2	0.14
28/03/2014	G2-DUP	-	1.86	<0.5	0.029	0.028	0.098	0.097	68.4	67.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	48,100	49,600	-	-	0.18	0.17
25/04/2014	G2	-	10.7	1.34	0.026	0.045	0.111	0.106	70	69.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.006	46,800	49,000	-	-	0.19	0.15
16/05/2014	G2	-	168	5.63	0.045	0.033	0.265	0.126	67	61.3	0.021	<0.01	0.006	<0.005	<50	<50	0.049	0.007	37,300	37,100	-	-	0.5	0.19
16/05/2014	G2-DUP	-	162	7.5	0.04	0.034	0.257	0.126	70.2	62.1	0.017	<0.01	0.005	<0.005	<50	<50	0.048	0.008	38,400	36,800	-	-	0.38	0.19
23/05/2014	G2	-	548	7.26	0.052	0.031	0.743	0.128	117	51.5	0.113	<0.01	0.015	<0.005	<50	<50	0.221	0.01	38,200	28,500	-	-	0.88	0.18
29/05/2014	G2	-	130	7.78	0.04	0.032	0.229	0.112	59.5	50.2	0.021	<0.01	<0.005	<0.005	<50	<50	0.05	0.009	31,100	29,900	-	-	0.4	0.2
06/06/2014	G2	-	102	8.09	0.028	0.028	0.175	0.107	57.2	48.6	0.016	<0.01	<0.005	<0.005	<50	<50	0.033	0.008	30,400	29,800	-	-	2.12	0.23
13/06/2014	G2	-	99.6	8.75	0.027	0.03	0.133	0.084	56	52.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.021	0.006	31,600	29,500	-	-	0.29	0.2
25/07/2014	G2	-	6.69	4.51	0.031	0.034	0.099	0.113	72.4	71.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.007	44,600	41,800	-	-	0.19	0.23
25/07/2014	G2-DUP	-	10.6	6.31	0.028	0.033	0.081	0.127	73	71.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.009	0.005	43,800	43,300	-	-	0.2	0.26
22/08/2014	G2	-	4.98	6.5	0.027	0.03	0.104	0.123	75.1	72.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.008	44,000	47,800	-	-	0.16	0.19
22/08/2014	G2-DUP	-	4.56	1.46	0.029	0.034	0.107	0.114	75.4	72.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.007	43,700	46,100	-	-	0.18	0.17
29/08/2014	G2	-	5.71	3.81	0.026	0.033	0.112	0.111	73.8	76	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.007	45,900	45,000	-	-	0.14	0.16
06/09/2014	G2	-	17	1.99	0.027	0.029	0.066	0.079	75.2	74	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.006	45,200	45,400	-	-	0.2	0.15
12/09/2014	G2	-	19.8	2.04	0.027	0.027	0.089	0.089	70.6	68.8	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.006	49,900	49,000	-	-	0.15	0.15
19/09/2014	G2	-	6.78	1.92	0.031	0.034	0.099	0.105	76	74.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.006	50,200	49,500	-	-	0.22	0.17
30/10/2014	G2	-	5.74	2.24	0.025	0.033	0.083	0.084	67.7	76.6	<0.01	<0.01	<0.005	<0.005	11	12	0.006	0.005	45,800	50,000	-	-	0.2	0.18
30/10/2014	G2-DUP	-	5.45	2.16	0.029	0.03	0.093	0.075	68.9	77.7	<0.01	<0.01	<0.005	<0.005	11	12	0.009	0.005	44,000	47,400	-	-	0.16	0.17
28/11/2014	G2	-	42.5	2.66	0.029	0.029	0.103	0.098	69	67	<0.01	<0.01	<0.005	<0.005	12	12	0.0119	0.0063	41,100	39,200	-	-	0.1	<0.1
28/11/2014	G2-DUP	-	62.1	2.18	0.028	0.026	0.121	0.094	71.3	66.2	<0.01	<0.01	<0.005	<0.005	12	12	0.022	0.0081	42,300	39,400	-	-	0.12	<0.1
18/12/2014	G2	-	7.34	2.94	0.028	0.024	0.077	0.079	68	67.1	<0.01	<0.01	<0.005	<0.005	10	<10	0.0059	0.007	43,800	42,400	-	-	0.16	0.17
22/01/2015	G2	-	4.49	1.64	0.026	0.026	0.085	0.088	69.9	71.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	46,000	46,000	-	-	0.18	0.19
26/02/2015	G2	8200	2.49	1.29	0.027	0.025	0.083	0.07	69.5	65.3	<0.01	<0.01	<0.005	<0.005	11	<10	0.006	0.006	46,500	47,700	-	-	0.15	0.17
27/03/2015	G2	7900	12.3	2.1	0.026	0.027	0.1	0.102	66.3	69.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0064	<0.005	43,200	44,100	-	-	0.15	0.16
24/04/2015	G2	-	89.6	4.58	<0.05	0.028	0.129	0.092	62.4	63.7	0.011	<0.01	<0.02	<0.005	<50	<10	0.0081	<0.005	36,400	38,700	-	-	<0.5	0.19
24/04/2015	G2-DUP	-	105	5.6	<0.05	0.028	0.142	0.075	63.1	64.3	0.012	<0.01	<0.02	<0.005	<50	<10	0.0132	<0.005	38,300	37,800	-	-	<0.5	0.19
14/05/2015	G2	-	33.1	3.06	0.033	0.029	0.135	0.097	62.2	62.6	<0.01	<0.01	<0.005	<0.005	12	10	0.0104	0.0057	38,000	37,200	-	-	0.3	0.21
21/05/2015	G2	-	388	4	0.063	0.026	0.271	0.095	113	54.3	0.026	<0.01	0.016	<0.005	<10	<10	0.039	0.005	31,300	32,100	-	-	0.66	0.23
29/05/2015	G2	-	91	5.2	0.033	0.031	0.186	0.106	58.7	53.1	0.016	<0.01	<0.005	<0.005	<10	<10	0.033	0.006	31,300	31,000	-	-	0.29	0.2
04/06/2015	G2	-	1040	5.55	0.071	0.025	0.439	0.087	66.4	52.9	0.053	<0.01	<0.02	<0.005	<50	<10	0.05	0.0068	29,700	31,400	-	-	1.35	0.17
12/06/2015	G2	-	95.3	2.8	0.033	0.03	0.14	0.115	63.9	61.5	<0.01	<0.01	<0.005	0.0263	<10	<10	0.015	0.0065	34,900	36,000	-	-	0.32	0.21
24/07/2015	G2	-	213	2.2	<0.05	0.03	0.242	0.121	78.7	76.1	0.014	<0.01	<0.02	<0.005	<50	12	0.0191	<0.005	44,700	42,500	-	-	<0.5	0.17
21/08/2015	G2	-	25.4	1.65	0.029	0.032	0.103	0.072	80.7	78.7	<0.01	<0.01	<0.005	<0.005	10	10	0.011	0.006	48,000	48,000	-	-	0.21	0.16
28/08/2015	G2	-	18.5	1.84	0.028	0.035	0.128	0.103	75.1	79	<0.01	<0.01	<0.005	<0.005	11	11	0.009	0.008	49,300	48,000	-	-	0.21	0.17
04/09/2015	G2	-	74	1.67	0.038	0.034	0.1	0.084	79.3	78.2	<0.01	<0.01	<0.005	<0.005	13	13	0.011	<0.005	45,500	45,600	-	-	0.27	0.15
10/09/2015	G2	-	29.7	2.71	0.033	0.034	0.133	0.117	77.8	79.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.009	0.008	48,000	47,500	-	-	0.21	0.18
18/09/2015	G2	-	10.8	1.76	0.031	0.025	0.084	0.102	88.9	75.9	<0.01	<0.01	<0.005	<0.005	10	<10	0.007	0.005	47,500	46,600	-	-	0.18	0.18
13/05/2016	G2	-	87.3	4.47	<0.05	0.027	0.113	0.108	55.2	52.9	<0.01	<0.01	<0.02	<0.005	<50	<10	0.014	<0.005	30,500	30,800	-	-	<0.5	0.19
20/07/2018	G2	-	9.6	1.4	<0.1	<0.1	0.11	<0.1	73.4	75.8	<0.1	<0.1	<0.05	<0.05	11	12	0.0089	0.0062	43,300	44,000	<0.01	<0.01	0.25	0.23
09/11/2018	G2	-	4.1	80	<0.1	<0.1	0.11	0.14	71.6	81.2	<0.1	<0.1	<0.05	<0.05	<10	10	0.0089	0.0219	46,500	72,500	<0.01	<0.01	0.22	1.08
04/03/2019	G2	-	4.1	<1	<0.1	<0.1	<0.1	<0.1	65.7	64.5	<0.1	<0.1	<0.05	<0.05	<10	10	0.0095	0.0075	48,000	48,400	0.013	<0.01	0.21	0.16
18/06/2019	G2	-	24.4	2.8	<0.1	<0.1	0.13	0.1	60.7	67.4	<0.1	<0.1	<0.05	<0.05	11	11	0.0102	0.009	37,200	40,500	<0.01	<0.01	0.25	0.19
15/05/2012	H1	-	310	4.23	0.077	0.065	0.525	0.164	66.7	43.5	0.054	<0.01	<0.005	<0.005	<50	<50	0.187	0.012	52,700	48,000	-	-	0.51	0.1
19/06/2012	H1	-	119	5.37	0.061	0.048	0.207	0.115	50.2	43.8	0.019	<0.01	<0.005	<0.005	<50	<50	0.054	0.0153	42,100	42,200	-	-	0.3	0.14
25/07/2012	H1	-	27.3	5.04	0.062	0.067	0.201	0.153	57.7	56.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.01	54,500	56,400	-	-	0.25	0.19
26/08/2012	H1	-	15.5	7.8	0.076	0.071	0.176	0.158	62.7	62.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.01	69,900	69,700	-	-	0.27	0.34
18/09/2012	H1	-	5.27	1.15	0.064	0.066	0.125	0.105	60.8	68.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.014	66,800	75,500	-	-	0.12	0.23
25/10/2012	H1	-	4.44	1.54	0.064	0.061	0.152	0.116	60.7	62	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.013	73,300	73,200	-	-	<0.1	<0.1
23/11/2012	H1	-	6	2.58	0.067	0.075	0.127	0.122	65.1	63.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.046	0.019	78,000	76,800	-	-	0.18	0.17
16/12/2012	H1	-	5.31	1.73	0.065	0.06	0.142	0.138	64.5	64.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.039	0.015	75,800	75,200	-	-	0.19	0.14
25/01/2013	H1	-	5.81	1.71	0.057	0.067	0.181	0.17	67.6	66.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.011	75,900	80,800	-	-	<0.1	0.15
21/02/2013	H1	-	7.48	1.23	0.053	0.061	0.155	0.139	66.4	63.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.009	77,100	72,900	-	-	0.13	<0.1
21/02/2013	H1-DUP	-	10.1	1.37	0.052	0.052	0.132	0.159	65.4	62.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.011	74,900	73,700	-	-	0.13	<0.1
21/03/2013	H1	-	7.46	1.99	0.057	0.067	0.123	0.134	65.6	66.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.011	73,800	74,300	-	-	0.13	0.16
21/03/2013	H1-DUP	-	7	2.17	0.061	0.066	0.126	0.126	65.3	67.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.014	73,600	75,200	-	-	0.16	0.13
18/04/2013	H1	-	7.6	1.34	0.078	0.068	0.17	0.163	59.5	55.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.02	0.014	76,000	76,100	-	-	0.13	0.15
24/05/2013	H1	-	187	7.37	0.068	0.061	0.298	0.206	58.5	45.9	0.024	<0.01	0.007	<0.005	<50	<50	0.068	0.015	45,300	43,100	-	-	0.36	0.14
18/07/2013	H1	-	15.9	2.98	0.076	0.07	0.163	0.17	61.1	56.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.013	60,900	60,100	-	-	0.16	0.15
27/08/2013	H1	-	6.88	1.42	0.072	0.063	0.172	0.172	67.1	64.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.012	65,800	65,500	-	-	0.14	0.13
26/09/2013	H1	-	11.6	1.52	0.066	0.059	0.144	0.124	64.1	63.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.01	74,200	76,000	-	-	0.18	0.12
23/10/2013	H1	-	3.8	1.31	0.053	0.07	0.114	0.123	61.6	62.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.013	72,300	76,500	-	-	0.14	0.17
21/11/2013	H1	-	15.6	1.87	0.06	0.059	0.136	0.134	69.9	65.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.013	71,000	77,100	-	-	0.16	0.19
22/12/2013	H1	-	12.9	1.62	0.061	0.059	0.142	0.135	63.4	59.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.009	74,600	69,500	-	-	0.2	0.16
28/01/2014	H1	-	1.43	0.78	0.052	0.052	0.108	0.115	64.7	67.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.01	77,200	79,400	-	-	<0.1	<0.1
27/02/2014	H1	-	2.64	1.72	0.055	0.06	0.124	0.131	66.3	67.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.012	81,600	79,000	-	-	0.14	0.15
27/02/2014	H1-DUP	-	4.69	0.8	0.051	0.053	0.116	0.121	66	66.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.013	79,300	82,200	-	-	0.14	0.15
28/03/2014	H1	-	2.35	<0.5	0.055	0.064	0.132	0.144	68.7	69.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.013	78,100	83,000	-	-	0.13	0.15
25/04/2014	H1	-	37.6	2.58	0.089	0.089	0.202	0.169	59.8	58.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.021	0.013	76,400	80,400	-	-	0.17	0.12
16/05/2014	H1	-	176	7.24	0.082	0.075	0.313	0.151	53.2	46.6	0.024	<0.01	0.007	<0.005	<50	<50	0.075	0.018	59,300	58,000	-	-	0.36	0.2
23/05/2014	H1	-	402	7.07	0.088	0.066	0.576	0.164	75.6	46	0.067	<0.01	0.009	<0.005	<50	<50	0.176	0.017	52,500	44,000	-	-	0.7	0.11
29/05/2014	H1	-	109	6.46	0.068	0.061	0.226	0.139	48.9	42.7	0.012	<0.01	<0.005	<0.005	<50	<50	0.055	0.02	49,400	48,900	-	-	0.32	0.19
06/06/2014	H1	-	111	6.77	0.062	0.057	0.212	0.147	48.2	43.7	0.014	<0.01	<0.005	<0.005	<50	<50	0.045	0.016	47,300	44,500	-	-	0.27	0.16
13/06/2014	H1	-	82.2	4.65	0.052	0.057	0.169	0.119	49.1	46.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.022	0.01	49,200	44,800	-	-	0.31	0.16
25/07/2014	H1	-	7.43	4.21	0.065	0.069	0.135	0.149	62.3	59.7	<0.01	<0.01	<0.005	<0.005	<20	<20	0.015	0.014	68,500	65,200	-	-	0.14	0.24
22/08/2014	H1	-	5.35	1.52	0.06	0.066	0.151	0.164	61.7	61.8	<0.01	<0.01	<0.005	<0.005	<20	<20	0.016	0.014	67,800	69,400	-	-	0.16	0.16
29/08/2014	H1	-	8.96	5.04	0.065	0.074	0.152	0.158	64.1	65.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.016	0.011	68,000	68,400	-	-	0.13	0.14
06/09/2014	H1	-	11.3	3.39	0.059	0.061	0.109	0.122	63.4	63	<0.01	<0.01	<0.005	<0.005	<20	<20	0.017	0.012	70,800	67,400	-	-	0.15	0.16
12/09/2014	H1	-	7.74	3.29	0.059	0.061	0.132	0.136	60	59.8	<0.01	<0.01	<0.005	<0.005	<20	<20	0.014	0.011	80,200	74,900	-	-	0.11	0.13
19/09/2014	H1	-	5.6	2.59	0.069	0.063	0.143	0.137	64.1	64.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.014	0.012	75,100	75,300	-	-	0.15	0.13
19/09/2014	H1-DUP	-	7.04	2.34	0.029	0.032	0.115	0.108	47.3	46.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.006	40,900	40,800	-	-	0.28	0.22
30/10/2014	H1	-	3.27	2.14	0.062	0.065	0.119	0.118	58.2	66.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.012	0.012	75,800	79,800	-	-	0.12	0.16
28/11/2014	H1	-	144	2.14	0.099	0.066	0.233	0.123	63.7	64.3	0.01	<0.01	<0.02	<0.005	<50	<10	0.031	0.014	69,100	71,800	-	-	<0.5	<0.1
18/12/2014	H1	-	6.07	3.48	0.054	0.057	0.107	0.125	61.3	64.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0115	0.013	70,800	75,400	-	-	0.12	0.13
22/01/2015	H1	-	6.21	1.75	0.054	0.06	0.121	0.127	67.9	66.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.014	0.013	78,300	79,300	-	-	0.14	0.14
23/01/2015	H1-DUP	-	3.86	1.69	0.061	0.056	0.127	0.13	68.8	68.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.013	0.013	77,000	75,200	-	-	0.15	0.19
26/02/2015	H1	47,700	6.22	3.78	0.071	0.064	0.11	0.1	64.2	59	<0.01	<0.01	<0.005	<0.005	<10	<10	0.015	0.013	78,500	76,300	-	-	0.11	0.19
27/03/2015	H1	44,900	16.2	2.25	0.071	0.075	0.138	0.162	57.8	59.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0167	0.0134	72,200	71,400	-	-	0.13	0.11
24/04/2015	H1	-	58.5	4.32	0.059	0.071	0.179	0.118	46.6	46.7	<0.01	<0.01	<0.02	<0.005	<50	<10	0.021	0.0138	59,800	59,200	-	-	<0.5	0.12
14/05/2015	H1	-	18.3	2.16	0.063	0.086	0.155	0.137	52.1	47.9	<0.01	<0.01	<0.005	<0.005	10	<10	0.0129	0.0125	57,900	60,100	-	-	0.26	0.15
21/05/2015	H1	-	51.9	2.3	0.056	0.05	0.139	0.123	50.5	45.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.019	0.011	45,700	51,800	-	-	0.21	0.14
29/05/2015	H1	-	95.4	3.74	0.048	0.045	0.188	0.128	49	47	0.011	<0.01	<0.005	<0.005	<10	<10	0.034	0.008	45,700	43,700	-	-	0.25	0.17
04/06/2015	H1	-	407	4.52	0.076	0.054	0.345	0.123	57.2	48.4	0.03	<0.01	<0.02	<0.005	<50	<10	0.0482	0.0114	46,700	47,400	-	-	0.63	0.14
12/06/2015	H1	-	47.9	13.7	0.059	0.064	0.167	0.157	54.1	56.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0186	0.0104	50,100	51,000	-	-	0.22	0.18
24/07/2015	H1	-	81.9	2.07	0.076	0.065	0.233	0.159	65.5	61.5	<0.01	<0.01	<0.02	<0.005	<50	<10	0.0197	0.0095	70,300	64,700	-	-	<0.5	0.15
21/08/2015	H1	-	17	1.4	0.073	0.086	0.161	0.12	67.3	69	<0.01	<0.01	<0.005	<0.005	<10	<10	0.018	0.011	72,700	70,800	-	-	0.16	0.14
28/08/2015	H1	-	11.4	2.25	0.069	0.085	0.176	0.156	66.3	67.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.016	0.013	72,000	74,100	-	-	0.16	0.19
04/09/2015	H1	-	29.2	1.56	0.08	0.063	0.176	0.169	67.7	63.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.016	0.012	71,100	72,800	-	-	0.19	0.13
10/09/2015	H1	-	8.4	10.7	0.067	0.123	0.163	0.162	67.4	68.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.014	0.016	70,200	72,600	-	-	0.16	0.15
18/09/2015	H1	-	6.56	1.05	0.073	0.064	0.15	0.147	68.7	67.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.013	0.011	75,700	77,300	-	-	0.15	0.16
13/05/2016	H1	-	75.3	3.09	0.058	0.05	0.174	0.124	49.9	49.9	<0.01	<0.01	<0.02	<0.005	<50	<10	0.021	0.009	49,100	54,100	-	-	<0.5	0.19
20/07/2018	H1	-	10.6	1	<0.1	<0.1	0.16	0.17	61.6	62.3	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0166	0.0103	66,000	64,300	<0.01	<0.01	0.35	0.14
09/11/2018	H1	-	6.2	66.9	<0.1	0.1	0.16	0.17	63.7	70.1	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0141	0.0202	73,500	102,000	<0.01	<0.01	0.2	0.98
04/03/2019	H1	-	4.3	<1	<0.1	<0.1	0.13	0.13	68.5	64.2	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0124	0.011	82,000	82,200	<0.01	<0.01	0.14	0.17
18/06/2019	H1	-	18	2.9	<0.1	<0.1	0.18	0.15	52.3	57.8	<0.1	<0.1	<0.05	<0.05	<10	<10	0.012	0.0147	53,500	57,200	<0.01	<0.01	0.18	0.18

Location Code	Sample Date	Sample ID	Lab Report Number	Physical Tests (*in-situ* sampling)								Calculated Parameters							
				Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life																			
BC WQG Working - Fresh Water Aquatic Life																			
CWQG Aquatic Life Freshwater - Long Term																			
CWQG Aquatic Life Freshwater - Short Term																			
M1	14/05/2012	M1	B240844	9.1	7.5	244	-	9.5	84	-	-	-	-	-	82,400	<10,000	<10,000	-	102,000
	14/05/2012	M1-DUP	B240844	9.1	7.5	244	-	9.5	84	-	-	-	-	-	81,800	<10,000	<10,000	-	102,000
	19/06/2012	M1	B252527	5	7.54	174	-	11.4	90	-	-	-	-	-	64,500	<10,000	<10,000	-	77,500
	25/07/2012	M1	B265706	15.2	9.04	219.9	-	8	90.9	-	-	-	-	-	107,000	17,000	17,000	-	154,000
	25/08/2012	M1	B276408	15.1	8.77	305.9	-	8.9	101.6	140.4	-	-	-	-	138,000	26,000	24,000	-	207,000
	18/09/2012	M1	B283851	8.3	8.59	277.8	-	10.45	103.3	106.8	-	-	-	-	153,000	28,000	26,000	-	233,000
	18/09/2012	M1-DUP	B283851	8.3	8.59	277.8	-	10.45	103.3	106.8	-	-	-	-	150,000	29,000	29,000	-	212,000
	24/10/2012	M1	B297129	2.79	8.7	215	373	13	96.2	149.3	1.13	-	1550	-	133,000	23,000	23,000	-	-
	23/11/2012	M1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	109,000	19,600	19,500	-	-
	15/12/2012	M1	B2B4014	0.02	8.65	188	357	12.6	86.3	163	-	-	-	-	128,000	23,100	21,900	-	186,000
	25/01/2013	M1	B306701	0.02	7.92	214	409	13.24	90.8	124	-	-	-	-	140,000	25,200	28,400	-	227,000
	21/02/2013	M1	B314188	0.02	8.28	220	425	11.6	79.6	71	0.67	-	-	-	145,000	23,900	22,600	-	209,000
	20/03/2013	M1	B322778	0.5	8.23	168	315	12.55	87.1	146	3.85	-	-	-	114,000	15,800	15,600	-	157,000
	17/04/2013	M1	B330896	3.8	8.7	187.4	312	12.54	94.1	142.5	8.14	-	-	-	84,400	8000	5800	-	83,100
	24/05/2013	M1	B341818	3.3	7.99	70.2	122.2	11.88	103.2	108.6	-	-	-	-	59,700	4300	3600	-	70,700
	21/06/2013	M1	B352218	5.2	7.98	98.2	157.7	11.42	103.7	237.9	-	-	-	-	77,800	5700	6100	-	85,100
	21/06/2013	M1-DUP	B352218	5.2	7.98	98.2	157.7	11.42	103.7	237.9	-	-	-	-	78,700	4800	6000	-	85,100
	17/07/2013	M1	B361290	12.69	8.69	294	384	9.92	93.6	83	10	-	-	-	129,000	17,100	16,100	-	154,000
	26/08/2013	M1	B376191	14.2	8.49	276.6	348.8	8.37	92.6	130.6	-	-	-	-	153,000	23,900	23,400	-	215,000
	25/09/2013	M1	B387669	7.6	7.92	204.2	306.3	9.75	85.6	204.1	-	-	-	-	134,000	18,800	20,000	-	183,000
	24/10/2013	M1	B399472	5.2	8.52	231.5	372.3	11.21	88.5	281	-	-	-	-	135,000	22,600	23,900	-	210,000
	24/10/2013	M1-DUP	B399472	5.2	8.52	231.5	372.3	11.21	88.5	281	-	-	-	-	137,000	23,800	23,700	-	210,000
	20/11/2013	M1	B3A8665	0	8.17	-	382.5	13.76	98.6	263.7	-	-	-	-	131,000	12,700	12,700	-	160,000
	22/12/2013	M1	B3B7782	0	8.24	217.6	415.7	12.23	94.9	288.3	-	-	-	-	151,000	21,900	24,800	-	196,000
	27/01/2014	M1	B406874	0.2	8.43	-	410.6	11.82	81.3	129.7	-	-	-	-	145,000	24,300	23,600	-	206,000
	27/02/2014	M1	B416171	0.1	8.04	-	331.9	12.37	84.8	208.7	-	-	-	-	152,000	22,600	22,100	-	217,000
	27/03/2014	M1	B424928	-	0.5	-	348.6	12.11	84.2	241.8	-	-	-	-	143,000	21,400	21,700	-	210,000
	24/04/2014	M1	B432952	0.5	8.49	-	275.2	11.27	87.8	167.8	-	-	-	-	127,000	17,700	18,400	-	191,000
	24/04/2014	M1-DUP	B432952	0.5	8.49	-	275.2	11.27	87.8	167.8	-	-	-	-	124,000	18,300	18,500	-	179,000
	15/05/2014	M1	B439804	6.8	8.3	-	189.5	10.2	83.4	223.8	54.94	-	-	-	91,300	8100	8000	-	117,000
	23/05/2014	M1	B442060	3.2	8.27	-	117.6	11.66	86.9	255.6	369.4	-	-	-	89,100	4100	3700	-	75,400
	29/05/2014	M1	B444272	5	8.21	-	128.6	11.11	87.1	279.6	71.49	-	-	-	68,700	5300	5100	-	80,600
	05/06/2014	M1	B446972	6.4	8.12	93.2	126.5	10.52	86.3	296.9	59.03	-	-	-	66,400	4600	3900	-	78,000
	12/06/2014	M1	B449500	8.1	8.32	-	150.6	10.65	89.8	271.1	13.11	-	-	-	70,200	5200	4900	-	84,800
	24/07/2014	M1	B464009	11.5	8.53	-	283.2	9.97	90.8	216	4.09	-	-	-	123,000	16,000	15,100	-	164,000
	22/08/2014	M1	B474408	10.27	8.05	-	380	8.77	80.8	183	1.83	-	-	-	144,000	21,600	23,700	-	201,000
	29/08/2014	M1	B476541	10.85	8.36	-	359	9.36	89.7	149	4.29	-	-	-	141,000	18,200	18,200	-	177,000
	05/09/2014	M1	B479164	10.01	8.45	-	339	9.78	85.5	142	5.88	-	-	-	133,000	17,300	19,200	-	213,000
	11/09/2014	M1-DUP	B481292	7.66	8.48	-	299	10.49	87.9	109	2.07	-	-	-	142,000	20,800	19,600	-	203,000
	12/09/2014	M1	B481292	7.66	8.48	-	299	10.49	87.9	109	2.07	-	-	-	140,000	22,900	21,500	-	211,000
	19/09/2014	M1	B483962	9.5	8.49	-	304	9.8	85.4	147	3.18	-	-	-	140,000	20,000	19,300	-	198,000
	30/10/2014	M1	B499587	6.9	8.53	-	338.8	10.73	88.1	266.3	2.74	-	-	-	137,000	17,300	17,300	-	179,000
	28/11/2014	M1	B4A9093	0.01	8.26	-	210.3	12	82	221.5	38.42	-	-	-	110,000	15,000	15,500	-	155,000
	18/12/2014	M1	B4B5326	1.1	8.36	-	269.5	12.34	87.2	228.7	2.51	-	-	-	121,000	13,000	15,000	-	159,000
	23/01/2015	M1	B505986	0	8.33	-	322.9	12.84	86	232.4	2.16	-	-	-	139,000	21,100	19,500	-	197,000
	27/02/2015	M1	B516449	0	8.35	-	380.1	14.32	99	182	1	-	<500	-	143,000	18,600	-	-	-
	26/03/2015	M1	B525184	2.2	8.31	-	224.1	11.87	85.6	208.6	16.24	-	<500	-	113,000	12,100	-	-	-
	23/04/2015	M1	B533584	5.3	8.88	-	208.7	10.41	82	279.1	16.82	-	-	-	89,100	<15,000	7500	-	114,000
	15/05/2015	M1	B540628	4.7	8.47	-	167.5	13.23	102.8	244.5	2.08	-	-	-	89,500	7800	8900	-	119,000
	21/05/2015	M1	B542667	8.1	8.51	-	152	10.93	92.7	296.8	8.91	-	-	-	77,100	5500	6200	-	95,900
	28/05/2015	M1	B545872	5.7	8.11	-	138..3	10.67	85	268.5	30.66	-	-	-	67,800	3800	3900	-	84,600
	04/06/2015	M1	B547761	4.9	8.09	-	137.4	11.95	93.3	355.5	32.26	-	-	-	69,900	<15,000	5200	-	93,100
	11/06/2015	M1	B549906	10.4	8.34	-	173.9	8.84	79.1	297	6.96	-	-	-	87,400	5700	5500	-	103,000
	23/07/2015	M1	B563471	13.8	8.55	-	509.5	9.11	79.1	357.2	0.37	-	-	-	144,000	15,700	15,800	-	182,000
	20/08/2015	M1	B572515	13.9	8.58	-	347.8	9	87.2	104.8	1.02	-	-	-	153,000	20,500	21,100	-	213,000
	27/08/2015	M1	B575103	11.8	8.55	-	356.9	9.32	86.3	116.6	1.93	-	-	-	148,000	20,900	21,600	-	216,000
	03/09/2015	M1	B577658	-	-	-	-	-	-	-	-	-	-	-	150,000	21,000	19,700	-	196,000
	10/09/2015	M1	B579637	10.9	8.5	-	327.5	9.18	83.2	169.2	5.38	-	-	-	136,000	20,800	21,300	-	175,000
	17/09/2015	M1	B582068	89.8	8.52	-	175.1	10.31	91	147.8	1.33	-	-	-	144,000	19,600	19,500	-	204,000
	13/05/2016	M1	B637198	2.4	8.27	-	183.9	11.34	83	220.2	5.54	-	-	-	93,500	9400	9900	-	114,000
	09/11/2018	M1	L2195291	-0.02	8.4	200.5	384.1	12.66	100	33.6	1.43	129,000	3600	<1000	133,000	24,700	23,000	201,000	-
	09/11/2018	M1-DUP	L2195291	-0.02	8.4	200.5	384.1	12.66	100	33.6	1.43	125,000	<1000	<1000	125,000	24,600	22,800	204,000	-
	04/03/2019	M1	L2240838	-0.1	8.18	-	439.8	13.38	91.5	39.3	0.69	162,000	<1000	<1000	162,000	26,800	23,800	226,000	-
	18/06/2019	M1	L2295044	11.74	8.47	176.7	236.6	9.95	106.5	88.3	3.1	87,200	5600	<1000	92,800	9730	9080	125,000	-
M2	14/05/2012	M2	B240844	10.2	7.86	236	-	9.1	78	-	-	-	-	-	87,100	<10,000	<10,000	-	104,000
	19/06/2012	M2	B252527	5.3	7.73	182		unit malfunct	t malfunction		-	-	-	-	70,100	<10,000	<10,000	-	79,700
	25/07/2012	M2	B265706	13.6	8.87	229.9	-	8.52	94.2	-	-	-	-	-	120,000	17,000	18,000	-	170,000
	25/08/2012	M2	B276408	11.8	9.99	292	-	9.49	101.2	139.6	-	-	-	-	147,000	25,000	24,000	-	217,000
	18/09/2012	M2	B283851	7.7	8.51	281.9	-	10.27	99.2	111.3	-	-	-	-	158,000	26,000	30,000	-	252,000
	24/10/2012	M2	B297129	2.7	8.63	221.7	386.4	12.82	94.7	145.2	1.9	-	690	-	144,000	23,000	23,000	-	-
	23/11/2012	M2	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	127,000	23,100	21,800	-	-
	15/12/2012	M2	B2B4014	0.3	8.62	215	403	12.55	86.7	159	-	-	-	-	143,000	24,000	24,100	-	217,000
	24/01/2013	M2	B306701	0.53	8.17	238	447	12.7	88.3	169	-	-	-	-	154,000	28,700	27,700	-	242,000
	21/02/2013	M2	B314188	0.3	8.44	265	502	12.21	84.6	93	0.72	-	-	-	164,000	33,800	31,700	-	257,000
	20/03/2013	M2	B322778	1.49	8.27	217	395	11.44	81.9	130	3.75	-	-	-	135,000	22,700	24,300	-	200,000
	17/04/2013	M2	B330896	4.6	8.76	240	393.8	12.13	94	145.2	8.79	-	-	-	144,000	22,700	24,700	-	201,000
	17/04/2013	M2-DUP	B330896	4.6	8.76	240	393.8	12.13	94	145.2	8.79	-	-	-	144,000	22,000	23,000	-	203,000
	24/05/2013	M2	B341818	3.6	8.04	90.1	152.6	11.76	103	106.3	-	-	-	-	79,600	5400	5400	-	95,400
	21/06/2013	M2	B352218	5.4	8.02	105.4	168.3	11.12	101.2	13.4	-	-	-	-	84,500	5200	6500	-	92,800
	17/07/2013	M2	B361290	11.57	8.63	286	385	10.43	96.3	72	8.24	-	-	-	146,000	13,900	13,400	-	154,000
	26/08/2013	M2	B376191	13.6	8.41	254.5	325.5	9.31	90.4	163	-	-	-	-	155,000	17,200	17,000	-	229,000
	25/09/2013	M2	B387669	7.2	7.92	199.6	302.1	9.63	81.1	129	-	-	-	-	135,000	17,200	17,500	-	183,000
	24/10/2013	M2	B399472	5.2	8.49	223.7	359.2	11.72	92.6	278.9	-	-	-	-	145,000	18,400	20,000	-	206,000
	20/11/2013	M2	B3A8665	0	8.49	223.7	359.2	13.38	95.2	267.8	-	-	-	-	150,000	20,800	23,200	-	211,000
	22/12/2013	M2	B3B7782	0.1	8.33	214.2	407.7	12.24	95	289.3	-	-	-	-	157,000	19,500	22,700	-	196,000
	27/01/2014	M2	B406874	0	8.49	-	366.8	12.1	85.4	136.8	-	-	-	-	154,000	23,800	22,100	-	206,000
	27/02/2014	M2	B416171	0.2	8.18	-	457.6	12.51	86.2	223.8	-	-	-	-	158,000	26,200	25,900	-	236,000
	27/03/2014	M2	B424928	-	0.52	-	360.8	13.01	92.9	232.1	-	-	-	-	149,000	21,200	21,400	-	217,000
	24/04/2014	M2	B432952	4.9	8.48	-	279.7	11.59	83.6	171.6	-	-	-	-	129,000	17,100	18,400	-	180,000
	15/05/2014	M2	B439804	6.9	8.32	-	196.8	10.09	83.1	220.1	46.44	-	-	-	97,500	8600	7900	-	120,000
	23/05/2014	M2	B442060	3.4	8.23	-	139	11.36	85.7	260.5	289.9	-	-	-	82,900	4800	3900	-	83,600
	29/05/2014	M2	B444272	5.5	8.26	-	135.2	11.15	88.7	265.7	66.12	-	-	-	74,500	4700	5000	-	89,300
	05/06/2014	M2	B446972	6.7	8.17	105.7	143.4	11	90	293.7	54.32	-	-	-	69,000	3900	4400	-	84,100
	12/06/2014	M2	B449500	8.1	8.37	-	161.8	10.65	89.8	267.8	11.65	-	-	-	78,200	5000	5400	-	88,400
	24/07/2014	M2	B464009	10.9	8.52	-	286.2	10.78	97.6	214.4	2.46	-	-	-	132,000	14,300	14,000	-	174,000
	22/08/2014	M2	B474408	9.23	8.27	-	373	8.77	86.4	176	1.39	-	-	-	150,000	18,100	20,100	-	197,000
	29/08/2014	M2	B476541	9.7	8.38	-	358	9.84	86.7	157	1.43	-	-	-	148,000	16,200	16,100	-	186,000
	05/09/2014	M2	B479164	9.5	8.47	-	337	10.04	88	131	2.16	-	-	-	140,000	15,100	13,900	-	178,000
	12/09/2014	M2	B481292	7.17	8.51	-	299	11.01	87.4	117	2.07	-	-	-	144,000	16,500	16,600	-	203,000
	19/09/2014	M2	B483962	8.66	8.49	-	296	9.97	82.3	145	4.36	-	-	-	147,000	15,400	15,800	-	198,000
	30/10/2014	M2	B499587	6.2	8.49	-	349.4	11.06	89.4	268.9	2.95	-	-	-	144,000	17,400	16,900	-	203,000
	28/11/2014	M2	B4A9093	-0.01	8.26	-	176.9	11.46	78.3	325.4	21.4	-	-	-	99,200	16,000	16,700	-	158,000
	18/12/2014	M2	B4B5326	1.3	8.39	-	265.9	12.44	89.6	235.5	1.93	-	-	-	134,000	13,000	13,300	-	169,000
	23/01/2015	M2	B505986	0.1	8.33	-	331.3	13.3	91.3	238.9	1.02	-	-	-	151,000	20,700	17,100	-	201,000
	27/02/2015	M2	B516449	-0.1	8.3	-	364.7	14.49	99	135.5	1.02	-	<500	-	130,000	16,500	-	-	-
	26/03/2015	M2	B525184	2.6	8.35	-	237.3	12.1	85.3	220.3	10.54	-	<500	-	121,000	12,800	-	-	-
	23/04/2015	M2	B533584	5.5	8.84	-	266.6	10.56	83.6	267	10.77	-	-	-	98,400	<15,000	7300	-	115,000
	15/05/2015	M2	B540628	5.2	8.51	-	177.9	13.65	107.3	251.7	2.68	-	-	-	100,000	8300	9000	-	130,000
	21/05/2015	M2	B542667	8.5	8.56	-	160.3	11.03	94.3	296.4	8.44	-	-	-	83,200	5700	5700	-	100,000
	28/05/2015	M2	B545872	5.8	8.14	-	148.9	10.59	84.6	270.6	31.69	-	-	-	78,200	4800	3700	-	91,600
	04/06/2015	M2	B547761	-	-	-	-	-	-	-	-	-	-	-	80,900	<15,000	5600	-	89,700
	11/06/2015	M2	B549906	10.4	8.36	-	184.6	8.62	77.3	305	8.4	-	-	-	95,500	5800	5600	-	109,000
	23/07/2015	M2	B563471	13	8.56	-	310.9	9.71	92.2	349.1	0.49	-	-	-	154,000	14,100	14,300	-	184,000
	20/08/2015	M2	B572515	11.9	8.52	-	310.9	9.34	86.7	97.3	0.88	-	-	-	157,000	19,700	20,400	-	216,000
	27/08/2015	M2	B575103	10.4	8.5	-	370.8	10.4	93	85.3	1.29	-	-	-	158,000	20,100	20,600	-	220,000
	03/09/2015	M2	B577658	-	-	-	-	-	-	-	-	-	-	-	155,000	16,600	19,100	-	204,000
	10/09/2015	M2	B579637	10.6	8.48	-	331.2	9.44	84.9	175	4.97	-	-	-	141,000	18,500	18,800	-	202,000
	17/09/2015	M2	B582068	9.2	8.43	-	182.1	10.55	91.7	158.2	1.67	-	-	-	150,000	18,100	18,300	-	211,000
	13/05/2016	M2	B637198	2.3	8.21	-	174.1	11.57	84.5	217.2	5.31	-	-	-	80,800	<15,000	9800	-	108,000
	09/11/2018	M2	L2195291	0.15	8.38	199.7	380.1	12.5	99.2	38.4	1.51	140,000	3600	<1000	144,000	20,300	19,700	198,000	-
	04/03/2019	M2	L2240838	0	8.31	-	469.8	13.76	94.2	62.4	0.39	168,000	2800	<1000	171,000	30,100	26,600	244,000	-
	18/06/2019	M2	L2295044	11.65	8.56	186.6	250.6	10.09	107.6	84.2	2.01	102,000	6200	<1000	108,000	9810	8920	130,000	-

Sample Date	Sample ID	General Chemistry															
		Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life						Variable			32.8[#4]					Variable			
BC WQG Working - Fresh Water Aquatic Life																	
CWQG Aquatic Life Freshwater - Long Term						Variable					13	13				0.197	
CWQG Aquatic Life Freshwater - Short Term											550	550					
14/05/2012	M1	101	<0.5	<0.5	<0.5	0.018	-	-	0.109	-	-	-	0.109	<0.005	-	-	-
14/05/2012	M1-DUP	99.8	<0.5	<0.5	<0.5	0.021	-	-	0.099	-	-	-	0.107	0.0078	-	-	-
19/06/2012	M1	78.7	<0.5	<0.5	<0.5	0.0066	-	-	0.092	-	-	-	0.098	0.0058	-	-	-
25/07/2012	M1	131	<0.5	<0.5	<0.5	0.087	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-
25/08/2012	M1	161	3.6	<0.5	3	0.009	-	-	0.181	-	-	-	0.181	<0.005	-	-	-
18/09/2012	M1	182	2.52	<0.5	2.1	0.022	-	-	0.243	-	-	-	0.243	<0.005	-	-	-
18/09/2012	M1-DUP	-	-	-	0.9	0.022	-	-	0.241	-	-	-	0.241	<0.005	-	-	-
24/10/2012	M1	158	1.86	<0.5	1.55	0.019	-	-	-	-	0.209	-	0.209	<0.005	-	-	0.209
23/11/2012	M1	134	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.348	-	0.348	<0.005	-	-	0.348
15/12/2012	M1	157	<0.5	<0.5	<0.5	<0.005	-	-	0.319	-	-	-	0.319	<0.005	-	-	-
25/01/2013	M1	171	<0.5	<0.5	<0.5	0.022	-	-	0.373	-	-	-	0.373	<0.005	-	-	-
21/02/2013	M1	177	<0.5	<0.5	<0.5	0.019	-	-	0.493	-	-	-	0.493	<0.005	-	-	-
20/03/2013	M1	139	<0.5	<0.5	<0.5	0.018	-	-	0.302	-	-	-	0.302	<0.005	-	-	-
17/04/2013	M1	103	<0.5	<0.5	<0.5	0.058	-	-	0.078	-	-	-	0.078	<0.005	-	-	-
24/05/2013	M1	72.8	<0.5	<0.5	<0.5	0.027	-	-	0.135	-	-	-	0.135	<0.005	-	-	-
21/06/2013	M1	94.9	<0.5	<0.5	<0.5	0.037	-	-	0.12	-	-	-	0.128	0.0078	-	-	-
21/06/2013	M1-DUP	96	<0.5	<0.5	<0.5	0.038	-	-	0.12	-	-	-	0.126	0.0065	-	-	-
17/07/2013	M1	152	2.64	<0.5	2.2	0.0078	-	-	0.037	-	-	-	0.037	<0.005	-	-	-
26/08/2013	M1	179	3.8	<0.5	3.17	0.02	-	-	0.267	-	-	-	0.267	<0.005	-	-	-
25/09/2013	M1	164	<0.5	<0.5	<0.5	0.012	-	-	0.304	-	-	-	0.31	0.0061	-	-	-
24/10/2013	M1	160	2.12	<0.5	1.77	0.0081	-	-	0.238	-	-	-	0.238	<0.005	-	-	-
24/10/2013	M1-DUP	165	1.56	<0.5	1.3	0.0095	-	-	0.237	-	-	-	0.237	<0.005	-	-	-
20/11/2013	M1	160	<0.5	<0.5	<0.5	0.013	-	-	0.184	-	-	-	0.184	<0.005	-	-	-
22/12/2013	M1	184	<0.5	<0.5	<0.5	0.022	-	-	0.45	-	-	-	0.45	<0.005	-	-	-
27/01/2014	M1	175	1.24	<0.5	1.03	0.018	-	-	0.446	-	-	-	0.446	<0.005	-	-	-
27/02/2014	M1	186	<0.5	<0.5	<0.5	0.019	-	-	0.491	-	-	-	0.491	<0.005	-	-	-
27/03/2014	M1	175	<0.5	<0.5	<0.5	0.011	-	-	0.383	-	-	-	0.383	<0.005	-	-	-
24/04/2014	M1	152	1.74	<0.5	1.45	0.0092	-	-	0.255	-	-	-	0.255	<0.005	-	-	-
24/04/2014	M1-DUP	149	1.25	<0.5	1.04	0.0063	-	-	0.256	-	-	-	0.256	<0.005	-	-	-
15/05/2014	M1	111	<0.5	<0.5	<0.5	0.03	-	-	0.187	-	-	-	0.2	0.0129	-	-	-
23/05/2014	M1	109	<0.5	<0.5	<0.5	0.029	-	-	0.16	-	-	-	0.167	0.0065	-	-	-
29/05/2014	M1	83.8	<0.5	<0.5	<0.5	0.013	-	-	0.146	-	-	-	0.165	0.0193	-	-	-
05/06/2014	M1	81	<0.5	<0.5	<0.5	0.023	-	-	-	-	-	-	0.116	-	-	-	-
12/06/2014	M1	85.6	<0.5	<0.5	<0.5	0.016	-	-	0.078	-	-	-	0.078	<0.005	-	-	-
24/07/2014	M1	150	<0.5	<0.5	<0.5	0.4	-	-	0.183	-	-	-	0.183	<0.005	-	-	-
22/08/2014	M1	173	1.56	<0.5	1.3	0.018	-	-	0.443	-	-	-	0.443	<0.005	-	-	-
29/08/2014	M1	172	<0.5	<0.5	<0.5	0.025	-	-	0.378	-	-	-	0.378	<0.005	-	-	-
05/09/2014	M1	160	1.3	<0.5	1.08	0.02	-	-	0.345	-	-	-	0.345	<0.005	-	-	-
11/09/2014	M1-DUP	173	<0.5	<0.5	<0.5	0.032	-	-	0.342	-	-	-	0.342	<0.005	-	-	-
12/09/2014	M1	171	<0.5	<0.5	<0.5	0.033	-	-	0.341	-	-	-	0.341	<0.005	-	-	-
19/09/2014	M1	171	<0.5	<0.5	<0.5	0.017	-	-	0.344	-	-	-	0.344	<0.005	-	-	-
30/10/2014	M1	165	0.74	<0.5	0.62	0.0082	-	-	0.199	-	-	-	0.199	<0.005	-	-	-
28/11/2014	M1	134	<0.5	<0.5	<0.5	0.006	-	-	0.427	-	-	-	0.437	0.0098	-	-	-
18/12/2014	M1	148	<0.5	<0.5	<0.5	<0.005	-	-	0.303	-	-	-	0.303	<0.005	-	-	-
23/01/2015	M1	169	<0.5	<0.5	<0.5	0.0068	-	-	0.373	-	-	-	0.373	<0.005	-	-	-
27/02/2015	M1	174	<0.5	<0.5	<0.5	0.0079	-	-	-	-	0.391	-	0.391	<0.005	-	-	-
26/03/2015	M1	138	<0.5	<0.5	<0.5	0.0081	-	-	-	-	0.27	-	0.275	0.0054	-	-	-
23/04/2015	M1	109	<0.5	<0.5	<0.5	<0.005	-	-	0.041	-	-	-	0.041	<0.005	-	-	-
15/05/2015	M1	109	<0.5	<0.5	<0.5	0.011	-	-	0.075	-	-	-	0.075	<0.005	-	-	-
21/05/2015	M1	94	<0.5	<0.5	<0.5	0.043	-	-	0.098	-	-	-	0.098	<0.005	-	-	-
28/05/2015	M1	82.8	<0.5	<0.5	<0.5	0.011	-	-	0.108	-	-	-	0.108	<0.005	-	-	-
04/06/2015	M1	85.3	<0.5	<0.5	<0.5	0.0098	-	-	0.127	-	-	-	0.127	<0.005	-	-	-
11/06/2015	M1	107	<0.5	<0.5	<0.5	0.021	-	-	0.146	-	-	-	0.146	<0.005	-	-	-
23/07/2015	M1	176	<0.5	<0.5	<0.5	0.016	-	-	0.236	-	-	-	0.236	<0.005	-	-	-
20/08/2015	M1	186	<0.5	<0.5	<0.5	0.013	-	-	0.301	-	-	-	0.301	<0.005	-	-	-
27/08/2015	M1	181	<0.5	<0.5	<0.5	0.026	-	-	0.343	-	-	-	0.343	<0.005	-	-	-
03/09/2015	M1	179	2.12	<0.5	1.77	0.03	-	-	0.349	-	-	-	0.362	0.0131	-	-	-
10/09/2015	M1	165	<0.5	<0.5	<0.5	0.014	-	-	0.33	-	-	-	0.33	<0.005	-	-	-
17/09/2015	M1	175	<0.5	<0.5	<0.5	0.014	-	-	0.34	-	-	-	0.34	<0.005	-	-	-
13/05/2016	M1	114	<0.5	<0.5	<0.5	0.013	-	-	0.363	-	-	-	0.363	<0.005	-	-	-
09/11/2018	M1	-	-	-	-	-	<0.005	0.135	0.457	-	-	-	0.458	0.0013	-	-	-
09/11/2018	M1-DUP	-	-	-	-	-	0.0083	0.162	0.458	-	-	-	0.46	0.0012	-	-	-
04/03/2019	M1	-	-	-	-	-	0.008	0.098	0.495	-	-	-	0.495	<0.001	-	-	-
18/06/2019	M1	-	-	-	-	-	0.0538	0.187	0.0099	-	-	-	0.0115	0.0016	-	-	-
14/05/2012	M2	106	<0.5	<0.5	<0.5	0.012	-	-	0.101	-	-	-	0.109	0.0074	-	-	-
19/06/2012	M2	85.5	<0.5	<0.5	<0.5	0.0059	-	-	0.091	-	-	-	0.091	<0.005	-	-	-
25/07/2012	M2	146	<0.5	<0.5	<0.5	0.11	-	-	0.218	-	-	-	0.218	<0.005	-	-	-
25/08/2012	M2	179	<0.5	<0.5	<0.5	<0.005	-	-	0.478	-	-	-	0.478	<0.005	-	-	-
18/09/2012	M2	192	<0.5	<0.5	<0.5	0.04	-	-	0.587	-	-	-	0.587	<0.005	-	-	-
24/10/2012	M2	174	0.83	<0.5	0.69	0.0076	-	-	-	-	0.526	-	0.526	<0.005	-	-	0.526
23/11/2012	M2	154	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.53	-	0.53	<0.005	-	-	0.53
15/12/2012	M2	175	<0.5	<0.5	<0.5	<0.005	-	-	0.553	-	-	-	0.553	<0.005	-	-	-
24/01/2013	M2	187	<0.5	<0.5	<0.5	0.041	-	-	0.794	-	-	-	0.794	<0.005	-	-	-
21/02/2013	M2	200	<0.5	<0.5	<0.5	0.015	-	-	1.14	-	-	-	1.14	<0.005	-	-	-
20/03/2013	M2	165	<0.5	<0.5	<0.5	0.018	-	-	0.631	-	-	-	0.631	<0.005	-	-	-
17/04/2013	M2	173	1.33	<0.5	1.11	0.0053	-	-	0.495	-	-	-	0.495	<0.005	-	-	-
17/04/2013	M2-DUP	171	2.62	<0.5	2.18	0.0066	-	-	0.499	-	-	-	0.499	<0.005	-	-	-
24/05/2013	M2	97.1	<0.5	<0.5	<0.5	0.031	-	-	0.113	-	-	-	0.113	<0.005	-	-	-
21/06/2013	M2	103	<0.5	<0.5	<0.5	0.039	-	-	0.128	-	-	-	0.133	0.0051	-	-	-
17/07/2013	M2	172	3	<0.5	2.5	0.011	-	-	0.078	-	-	-	0.078	<0.005	-	-	-
26/08/2013	M2	181	4.21	<0.5	3.51	0.015	-	-	0.242	-	-	-	0.242	<0.005	-	-	-
25/09/2013	M2	165	<0.5	<0.5	<0.5	0.011	-	-	0.284	-	-	-	0.284	<0.005	-	-	-
24/10/2013	M2	174	1.33	<0.5	1.11	0.0091	-	-	0.24	-	-	-	0.24	<0.005	-	-	-
20/11/2013	M2	183	<0.5	<0.5	<0.5	0.0074	-	-	0.467	-	-	-	0.467	<0.005	-	-	-
22/12/2013	M2	192	<0.5	<0.5	<0.5	0.024	-	-	0.512	-	-	-	0.512	<0.005	-	-	-
27/01/2014	M2	188	<0.5	<0.5	<0.5	0.016	-	-	0.598	-	-	-	0.598	<0.005	-	-	-
27/02/2014	M2	189	1.55	<0.5	1.29	0.02	-	-	0.88	-	-	-	0.88	<0.005	-	-	-
27/03/2014	M2	182	<0.5	<0.5	<0.5	0.015	-	-	0.514	-	-	-	0.514	<0.005	-	-	-
24/04/2014	M2	158	<0.5	<0.5	<0.5	0.0077	-	-	0.229	-	-	-	0.229	<0.005	-	-	-
15/05/2014	M2	119	<0.5	<0.5	<0.5	0.061	-	-	0.177	-	-	-	0.186	0.0092	-	-	-
23/05/2014	M2	101	<0.5	<0.5	<0.5	0.015	-	-	0.158	-	-	-	0.191	0.0331	-	-	-
29/05/2014	M2	90.9	<0.5	<0.5	<0.5	0.024	-	-	0.14	-	-	-	0.157	0.0167	-	-	-
05/06/2014	M2	84.2	<0.5	<0.5	<0.5	0.027	-	-	-	-	-	-	0.114	-	-	-	-
12/06/2014	M2	95.4	<0.5	<0.5	<0.5	0.0082	-	-	0.083	-	-	-	0.083	<0.005	-	-	-
24/07/2014	M2	161	<0.5	<0.5	<0.5	0.016	-	-	0.217	-	-	-	0.217	<0.005	-	-	-
22/08/2014	M2	180	1.76	<0.5	1.47	0.021	-	-	0.445	-	-	-	0.445	<0.005	-	-	-
29/08/2014	M2	178	1.33	<0.5	1.11	0.026	-	-	0.378	-	-	-	0.378	<0.005	-	-	-
05/09/2014	M2	167	1.63	<0.5	1.36	0.14	-	-	0.329	-	-	-	0.329	<0.005	-	-	-
12/09/2014	M2	175	<0.5	<0.5	<0.5	0.019	-	-	0.325	-	-	-	0.325	<0.005	-	-	-
19/09/2014	M2	175	2.15	<0.5	1.79	0.012	-	-	0.341	-	-	-	0.341	<0.005	-	-	-
30/10/2014	M2	176	<0.5	<0.5	<0.5	0.015	-	-	0.29	-	-	-	0.29	<0.005	-	-	-
28/11/2014	M2	121	<0.5	<0.5	<0.5	0.009	-	-	0.427	-	-	-	0.439	0.0117	-	-	-
18/12/2014	M2	164	<0.5	<0.5	<0.5	0.0067	-	-	0.357	-	-	-	0.357	<0.005	-	-	-
23/01/2015	M2	184	<0.5	<0.5	<0.5	<0.005	-	-	0.481	-	-	-	0.481	<0.005	-	-	-
27/02/2015	M2	159	<0.5	<0.5	<0.5	0.0062	-	-	-	-	0.279	-	0.279	<0.005	-	-	-
26/03/2015	M2	148	<0.5	<0.5	<0.5	0.0099	-	-	-	-	0.254	-	0.254	<0.005	-	-	-
23/04/2015	M2	120	<0.5	<0.5	<0.5	0.0069	-	-	0.034	-	-	-	0.034	<0.005	-	-	-
15/05/2015	M2	123	<0.5	<0.5	<0.5	0.01	-	-	0.074	-	-	-	0.074	<0.005	-	-	-
21/05/2015	M2	102	<0.5	<0.5	<0.5	0.027	-	-	0.085	-	-	-	0.085	<0.005	-	-	-
28/05/2015	M2	95.4	<0.5	<0.5	<0.5	0.0088	-	-	0.111	-	-	-	0.111	<0.005	-	-	-
04/06/2015	M2	98.6	<0.5	<0.5	<0.5	0.0072	-	-	0.109	-	-	-	0.109	<0.005	-	-	-
11/06/2015	M2	117	<0.5	<0.5	<0.5	0.0069	-	-	0.126	-	-	-	0.126	<0.005	-	-	-
23/07/2015	M2	182	2.84	<0.5	2.37	0.011	-	-	0.345	-	-	-	0.345	<0.005	-	-	-
20/08/2015	M2	192	<0.5	<0.5	<0.5	0.017	-	-	0.482	-	-	-	0.482	<0.005	-	-	-
27/08/2015	M2	193	<0.5	<0.5	<0.5	0.018	-	-	0.564	-	-	-	0.564	<0.005	-	-	-
03/09/2015	M2	183	2.75	<0.5	2.29	0.011	-	-	0.594	-	-	-	0.594	<0.005	-	-	-
10/09/2015	M2	169	1.15	<0.5	0.96	0.031	-	-	0.351	-	-	-	0.351	<0.005	-	-	-
17/09/2015	M2	180	1.42	<0.5	1.18	0.019	-	-	0.499	-	-	-	0.499	<0.005	-	-	-
13/05/2016	M2	98.5	<0.5	<0.5	<0.5	0.026	-	-	0.381	-	-	-	0.381	<0.005	-	-	-
09/11/2018	M2	-	-	-	-	-	<0.005	0.132	0.403	-	-	-	0.404	0.0011	-	-	-
04/03/2019	M2	-	-	-	-	-	0.0062	0.132	0.97	-	-	-	0.97	<0.001	-	-	-
18/06/2019	M2	-	-	-	-	-	<0.005	0.233	0.021	-	-	-	0.0232	0.0021	-	-	-

Sample Date	Sample ID	General Chemistry (continued)																			
		Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life				0.005				600	600	Variable[#4]											
BC WQG Working - Fresh Water Aquatic Life																					
CWQG Aquatic Life Freshwater - Long Term				0.004				120	120	0.12					6.5-9						
CWQG Aquatic Life Freshwater - Short Term								640	640												
14/05/2012	M1	0.0943	-	-	0.0194	-	206	-	1.4	0.1	<0.01	-	-	-	7.97	-	20.5	104	-	44.8	27.6
14/05/2012	M1-DUP	0.109	-	-	0.0201	-	202	-	1.5	0.11	<0.01	-	-	-	8.02	-	20	106	-	47.2	28.3
19/06/2012	M1	0.0569	-	-	0.02	-	161	-	0.76	0.082	<0.01	-	-	-	7.97	-	15.6	80.5	-	25.5	12.4
25/07/2012	M1	0.0152	-	-	<0.005	-	300	-	1.2	0.13	<0.01	-	-	-	8.12	-	47.5	152	-	2.5	<0.1
25/08/2012	M1	0.0084	-	-	<0.005	-	397	-	2	0.13	<0.01	-	-	-	8.4	-	68.4	209	-	1.7	0.29
18/09/2012	M1	<0.005	-	-	<0.005	-	434	-	2.3	0.13	<0.01	-	-	-	8.36	-	73.3	209	-	1.2	0.21
18/09/2012	M1-DUP	<0.005	-	-	<0.005	-	436	-	1.6	0.14	<0.01	-	-	-	8.33	-	75.1	250	-	1.6	0.55
24/10/2012	M1	<0.005	-	-	<0.005	-	377	-	2.5	0.13	<0.01	-	-	-	8.37	-	64.4	186	191	<1	0.18
23/11/2012	M1	0.0204	-	-	0.0075	-	319	-	1.8	0.1	<0.01	-	-	-	8.09	-	49	173	173	1.8	1.11
15/12/2012	M1	0.007	-	-	<0.005	-	361	-	1.9	0.12	<0.01	-	-	-	8.25	-	56.1	184	-	<1	0.41
25/01/2013	M1	0.0076	-	-	0.0057	-	414	-	1.9	0.11	<0.01	-	-	-	8.06	-	71.3	232	-	1.1	0.15
21/02/2013	M1	0.0077	-	-	0.0056	-	415	-	2.4	0.12	<0.01	-	-	-	8.18	-	68.9	210	-	<1	0.12
20/03/2013	M1	0.0165	-	-	0.0086	-	308	-	2.6	0.11	<0.01	-	-	-	8.1	-	46.1	153	-	3.2	2.12
17/04/2013	M1	0.0167	-	-	0.0063	-	213	-	2	0.098	<0.01	-	-	-	8.14	-	25.8	97.5	-	3.4	3.83
24/05/2013	M1	0.0653	-	-	0.0184	-	142	-	0.67	0.082	<0.01	-	-	-	8	-	12.7	72.6	-	32.4	19.3
21/06/2013	M1	0.317	-	-	0.0189	-	181	-	4.8	0.13	<0.01	-	4.13	4.38	7.92	-	18.1	266	-	920	1010
21/06/2013	M1-DUP	2.08	-	-	0.0183	-	181	-	3.3	0.13	<0.01	-	4.68	5.01	7.97	-	15.7	272	-	904	929
17/07/2013	M1	0.0145	-	-	<0.005	-	331	-	1.2	0.13	<0.01	-	2.18	2.4	8.34	-	46.2	157	-	4.8	2.93
26/08/2013	M1	0.0092	-	-	<0.005	-	418	-	1.6	0.13	<0.01	-	0.97	1.28	8.4	-	72.1	211	-	1.8	0.49
25/09/2013	M1	0.0172	-	-	0.0161	-	364	-	1.1	0.14	<0.01	-	1.39	2.23	8.3	-	54.7	186	-	13.5	5.54
24/10/2013	M1	0.0053	-	-	<0.005	-	392	-	1.3	0.14	<0.01	-	1.51	2.51	8.34	-	65.3	207	-	1.3	0.66
24/10/2013	M1-DUP	0.0057	-	-	<0.005	-	391	-	1.5	0.14	<0.01	-	1.4	2.74	8.33	-	66.9	205	-	1	0.56
20/11/2013	M1	0.0156	-	-	0.009	-	326	-	1.6	0.1	<0.01	-	1.51	1.1	8.15	-	35.5	152	-	<1	0.26
22/12/2013	M1	0.0083	-	-	0.0059	-	418	-	1.8	0.12	<0.01	-	0.91	1.1	8.15	-	70	205	-	<1	0.84
27/01/2014	M1	0.0084	-	-	0.0051	-	420	-	1.9	0.13	<0.01	-	1	1.24	8.32	-	72.7	204	-	<1	0.52
27/02/2014	M1	0.0087	-	-	0.0072	-	431	-	2.1	0.11	<0.01	-	1	1.29	8.27	-	73	214	-	<1	0.4
27/03/2014	M1	0.0099	-	-	0.0057	-	403	-	3.2	0.12	<0.01	-	0.89	1.4	8.31	-	65.5	202	-	1.4	1.45
24/04/2014	M1	0.0311	-	-	0.0167	-	352	-	2.1	0.13	<0.01	-	2.15	3.08	8.32	-	50.4	183	-	14.8	8.71
24/04/2014	M1-DUP	0.0326	-	-	0.0194	-	352	-	2.2	0.12	<0.1	-	1.99	2.7	8.32	-	50.5	181	-	12.7	8.39
15/05/2014	M1	0.124	-	-	0.018	-	229	-	0.69	0.095	<0.01	-	2.76	2.95	8.07	-	25.3	120	-	45.2	35.5
23/05/2014	M1	0.476	-	-	0.0274	-	190	-	0.64	0.085	<0.01	-	5.95	6.2	8.11	-	9.82	139	-	304	121
29/05/2014	M1	0.117	-	-	0.0697	-	164	-	0.92	0.096	<0.01	-	3.91	3.36	8.04	-	15.7	93.1	-	53.2	57.6
05/06/2014	M1	0.0436	-	-	0.034	-	155	-	1	0.092	<0.01	-	2.41	3.84	7.98	-	12.1	87.5	-	37	33
12/06/2014	M1	0.0438	-	-	0.0253	-	171	-	0.79	0.094	<0.01	-	1.55	3.04	8.04	-	14.8	91.4	-	15.5	8.07
24/07/2014	M1	0.0087	-	-	<0.005	-	326	-	1	0.13	<0.01	-	1.45	0.98	8.28	-	41.8	167	-	1.7	0.64
22/08/2014	M1	<0.005	-	-	0.0064	-	398	-	1.7	0.14	<0.01	-	0.82	0.96	8.32	-	65.9	196	-	1.1	0.37
29/08/2014	M1	0.0134	-	-	0.0074	-	370	-	1.3	0.14	<0.01	-	<0.5	0.81	8.28	-	52.3	189	-	1.7	1.4
05/09/2014	M1	0.0141	-	-	0.008	-	350	-	1.1	0.15	<0.01	-	1.89	2.06	8.32	-	47.3	183	-	2.1	0.72
11/09/2014	M1-DUP	0.0071	-	-	<0.005	-	369	-	1.5	0.13	<0.01	-	1.97	0.91	8.23	-	55.4	223	-	1.6	0.27
12/09/2014	M1	0.0085	-	-	<0.005	-	368	-	1.5	0.14	<0.01	-	0.83	1.14	8.26	-	51.7	233	-	<1	0.31
19/09/2014	M1	0.0077	-	-	0.0061	-	366	-	1.4	0.16	<0.01	-	1.29	2.09	8.3	-	55.5	202	-	<1	0.41
30/10/2014	M1	0.009	-	-	0.0068	-	343	-	1.2	0.11	<0.01	-	1.26	1.25	8.31	-	47	178	-	1.3	0.25
28/11/2014	M1	0.0618	-	-	0.0105	-	315	-	2	0.11	<0.01	-	2.27	3.84	8.08	-	49.5	162	-	30.2	28.5
18/12/2014	M1	0.0131	-	-	0.0077	-	322	-	2.2	0.11	<0.01	-	1.92	1.77	8.21	-	43.8	149	-	11.9	0.75
23/01/2015	M1	0.0084	-	-	0.0059	-	376	-	1.5	0.12	<0.01	-	1.2	1.13	8.19	-	55.9	201	-	1	0.28
27/02/2015	M1	<0.005	-	-	<0.005	-	375	-	1.7	0.12	<0.01	-	1.95	1	8.28	-	53.9	193	188	<1	0.45
26/03/2015	M1	0.0558	-	-	0.016	-	301	-	1.5	0.11	<0.01	-	1.97	1.73	8.16	-	34.2	146	154	18.7	17.8
23/04/2015	M1	0.0282	-	-	0.0108	-	222	-	1.4	0.1	<0.01	-	4.16	5.01	8.16	-	21.9	109	-	14.2	3.47
15/05/2015	M1	0.0141	-	-	<0.005	-	222	-	<0.5	0.1	<0.01	-	2.33	2.18	8.11	-	22.9	112	-	3.3	1.43
21/05/2015	M1	0.0398	-	-	0.0073	-	191	-	0.75	0.11	<0.01	-	1.96	2.25	8.05	-	16.1	94.2	-	18.8	2.4
28/05/2015	M1	0.0197	-	-	0.016	-	163	-	0.58	0.084	<0.01	-	2.16	2	7.82	-	12.7	87.6	-	49.7	15.8
04/06/2015	M1	0.0972	-	-	0.0175	-	179	-	<0.5	0.097	<0.01	-	2.69	2.16	7.96	-	14.5	97	-	35.3	29.1
11/06/2015	M1	0.031	-	-	0.0125	-	205	-	<0.5	0.11	<0.01	-	<0.5	0.72	8.09	-	18.7	105	-	9.9	2.02
23/07/2015	M1	0.0066	-	-	<0.005	-	368	-	1.1	0.14	<0.01	-	0.62	1.81	8.29	-	47.6	191	-	<1	0.39
20/08/2015	M1	0.0103	-	-	0.0081	-	409	-	1.3	0.14	<0.01	-	0.77	0.74	8.23	-	60.3	215	-	<1	0.25
27/08/2015	M1	0.0069	-	-	<0.005	-	417	-	1.4	0.13	<0.01	-	0.96	0.86	8.01	-	60.1	214	-	1	0.23
03/09/2015	M1	0.101	-	-	0.0103	-	403	-	1.8	0.14	<0.01	-	0.84	0.97	8.35	-	56.1	196	-	43.6	49.6
10/09/2015	M1	0.0195	-	-	0.0112	-	374	-	0.95	0.18	<0.01	-	0.63	0.56	8.29	-	60.2	201	-	3.1	1.18
17/09/2015	M1	0.0084	-	-	0.0054	-	382	-	1.6	0.14	<0.01	-	0.73	0.71	-	-	56.4	210	-	<1	0.27
13/05/2016	M1	0.0132	-	-	0.0153	-	238	-	0.62	0.11	<0.01	-	1.88	2.47	8.15	-	30	115	-	10	3.03
09/11/2018	M1	<0.05 - 0.0085	<0.05	-	-	0.0036	375	1.44	-	0.128	<0.05	-	1.3	1.55	8.32	69.3	-	-	-	<3	0.47
09/11/2018	M1-DUP	<0.05 - 0.0071	<0.05	-	-	0.0036	372	1.43	-	0.128	<0.05	-	1.38	1.32	8.24	69.2	-	-	-	<3	0.55
04/03/2019	M1	<0.05 - 0.0069	<0.05	-	-	0.0062	445	2.08	-	0.13	<0.05	-	0.77	0.61	8.26	76.8	-	-	-	<3	0.15
18/06/2019	M1	<0.05 - 0.0111	<0.05	-	-	0.0044	237	<0.5	-	0.132	<0.05	-	1.69	1.51	8.4	28.4	-	-	-	3.5	0.94
14/05/2012	M2	0.109	-	-	0.0191	-	207	-	1.1	0.11	<0.01	-	-	-	8.1	-	18.4	109	-	52.5	24.5
19/06/2012	M2	0.0546	-	-	0.0189	-	166	-	<0.5	0.09	<0.01	-	-	-	7.98	-	14.8	84.5	-	26.2	14.2
25/07/2012	M2	0.0103	-	-	<0.005	-	324	-	1.2	0.15	<0.01	-	-	-	8.18	-	45.4	164	-	2.4	0.56
25/08/2012	M2	0.0055	-	-	<0.005	-	407	-	1.7	0.16	<0.01	-	-	-	8.28	-	65.5	223	-	1.6	0.25
18/09/2012	M2	<0.005	-	-	<0.005	-	437	-	2	0.16	<0.01	-	-	-	8.24	-	71.4	212	-	<1	0.19
24/10/2012	M2	<0.005	-	-	<0.005	-	408	-	1.7	0.15	<0.01	-	-	-	8.32	-	69.5	202	210	<1	0.2
23/11/2012	M2	0.0083	-	-	0.0059	-	363	-	1.9	0.12	<0.01	-	-	-	8.13	-	57.4	197	189	1	1.04
15/12/2012	M2	0.0065	-	-	<0.005	-	405	-	2	0.14	<0.01	-	-	-	8.24	-	64.7	217	-	<1	1.02
24/01/2013	M2	0.0081	-	-	<0.005	-	450	-	2.2	0.14	<0.01	-	-	-	8.17	-	80.5	229	-	1.3	0.29
21/02/2013	M2	<0.005	-	-	<0.005	-	505	-	2.4	0.15	<0.01	-	-	-	8.19	-	99	262	-	<1	0.11
20/03/2013	M2	0.008	-	-	0.0051	-	397	-	2.9	0.13	<0.01	-	-	-	8.03	-	67.4	199	-	2.6	1.06
17/04/2013	M2	0.0128	-	-	<0.005	-	402	-	2.7	0.14	<0.01	-	-	-	8.33	-	71.8	209	-	5.2	3.04
17/04/2013	M2-DUP	0.011	-	-	<0.005	-	404	-	2.8	0.13	<0.01	-	-	-	8.34	-	71.2	202	-	3.8	2.35
24/05/2013	M2	0.0751	-	-	0.0175	-	188	-	1.5	0.093	<0.01	-	-	-	8.12	-	15.7	96.7	-	40.1	15.5
21/06/2013	M2	2.07	-	-	0.0158	-	195	-	1.7	0.13	<0.01	-	3.89	4.16	7.97	-	18.8	299	-	532	1020
17/07/2013	M2	0.0109	-	-	<0.005	-	330	-	1.2	0.15	<0.01	-	1.25	1.78	8.36	-	37.3	160	-	3.6	1.96
26/08/2013	M2	0.0067	-	-	<0.005	-	386	-	1.6	0.15	<0.01	-	0.96	<0.5	8.43	-	51.8	203	-	3	0.37
25/09/2013	M2	0.0117	-	-	0.0091	-	359	-	1.5	0.15	<0.01	-	1.49	2.27	8.17	-	48.7	202	-	8	4.75
24/10/2013	M2	<0.005	-	-	<0.005	-	379	-	1.4	0.16	<0.01	-	0.69	0.92	8.33	-	53.6	200	-	1	0.39
20/11/2013	M2	0.0053	-	-	<0.005	-	413	-	2.1	0.16	<0.01	-	0.78	0.92	8.1	-	64.5	201	-	1	0.4
22/12/2013	M2	<0.005	-	-	<0.005	-	411	-	2.2	0.14	<0.01	-	0.51	0.79	8.22	-	61	203	-	<1	0.34
27/01/2014	M2	0.0052	-	-	<0.005	-	426	-	1.8	0.16	<0.01	-	0.91	1.59	8.3	-	68.7	213	-	<1	0.28
27/02/2014	M2	0.0058	-	-	<0.005	-	458	-	2.1	0.14	<0.01	-	1.15	1.32	8.31	-	83.6	236	-	<1	0.38
27/03/2014	M2	0.008	-	-	<0.005	-	411	-	5	0.14	<0.01	-	0.64	1.31	8.18	-	64.1	212	-	<1	1.16
24/04/2014	M2	0.0297	-	-	0.0138	-	355	-	2.5	0.13	<0.01	-	1.88	2.87	8.24	-	46.8	181	-	10.5	7.28
15/05/2014	M2	0.102	-	-	0.0119	-	239	-	1.5	0.097	<0.01	-	2.78	3.7	8.03	-	23.9	130	-	45.1	30.5
23/05/2014	M2	0.518	-	-	0.0167	-	189	-	2.4	0.095	<0.01	-	4.72	8.82	8.06	-	14	142	-	238	165
29/05/2014	M2	0.0968	-	-	0.0667	-	177	-	0.72	0.1	<0.01	-	3.21	2.96	8.1	-	16.1	96.7	-	42.6	42.5
05/06/2014	M2	0.108	-	-	0.0326	-	162	-	0.83	0.097	<0.01	-	1.97	2.35	7.91	-	11.9	93.8	-	21	34.5
12/06/2014	M2	0.0352	-	-	0.0225	-	185	-	0.57	0.099	<0.01	-	1.7	4.38	8.07	-	14.8	96.6	-	6.6	8.56
24/07/2014	M2	0.0062	-	-	<0.005	-	328	-	1	0.15	<0.01	-	1.65	<0.5	8.29	-	37.8	170	-	1.9	0.34
22/08/2014	M2	0.0078	-	-	<0.005	-	390	-	1.4	0.15	<0.01	-	1.14	0.78	8.32	-	56.6	201	-	<1	0.31
29/08/2014	M2	0.009	-	-	0.0059	-	368	-	1.4	0.16	<0.01	-	<0.5	1.48	8.31	-	45.7	183	-	<1	0.92
05/09/2014	M2	0.0087	-	-	<0.005	-	345	-	1.3	0.16	<0.01	-	0.87	2.26	8.33	-	40.6	182	-	1.6	0.54
12/09/2014	M2	0.0056	-	-	<0.005	-	360	-	1.5	0.14	<0.01	-	1.84	1	8.24	-	41.1	226	-	<1	0.25
19/09/2014	M2	0.0173	-	-	<0.005	-	359	-	1.1	0.17	<0.01	-	1.55	3.79	8.34	-	45.6	197	-	<1	0.26
30/10/2014	M2	0.0066	-	-	<0.005	-	354	-	1.3	0.13	<0.01	-	1.2	0.82	8.24	-	45.1	191	-	1.4	0.21
28/11/2014	M2	0.0812	-	-	0.0139	-	300	-	2.1	0.099	<0.01	-	3.14	4.12	8.04	-	49.7	155	-	38.2	38.6
18/12/2014	M2	0.0089	-	-	0.0059	-	343	-	2.3	0.13	<0.01	-	1.13	1.36	8.24	-	44.8	162	-	<1	0.52
23/01/2015	M2	0.0064	-	-	0.0051	-	388	-	1.6	0.15	<0.01	-	1.04	0.59	8.21	-	53.3	208	-	1.3	0.25
27/02/2015	M2	0.0057	-	-	<0.005	-	346	-	1.4	0.1	<0.01	-	1.91	1.47	8.25	-	47.3	179	175	<1	0.56
26/03/2015	M2	0.0283	-	-	0.0089	-	316	-	1.4	0.12	<0.01	-	1.92	1.19	8.18	-	34.7	159	162	6.2	5.72
23/04/2015	M2	0.0277	-	-	0.0133	-	236	-	1.3	0.1	<0.01	-	1.37	2.24	8.22	-	21.5	114	-	14.1	3.24
15/05/2015	M2	0.0168	-	-	<0.005	-	243	-	0.76	0.11	<0.01	-	1.86	1.75	8.18	-	22.9	128	-	3.9	1.22
21/05/2015	M2	0.0362	-	-	<0.005	-	201	-	0.56	0.11	<0.01	-	2.17	2.19	8.08	-	15.8	100	-	14.5	2.24
28/05/2015	M2	0.0753	-	-	0.0149	-	178	-	0.78	0.09	<0.01	-	1.85	4.01	8.04	-	12.4	95.1	-	47.5	17.2
04/06/2015	M2	0.0959	-	-	0.0124	-	200	-	0.71	0.1	<0.01	-	2.48	1.77	7.9	-	15.3	109	-	74.5	16.2
11/06/2015	M2	0.0289	-	-	0.01	-	218	-	<0.5	0.12	<0.01	-	0.68	2.34	8.14	-	17.7	113	-	14.3	1.81
23/07/2015	M2	<0.005	-	-	<0.005	-	372	-	1.1	0.16	<0.01	-	0.6	2.4	8.42	-	42.9	189	-	<1	0.33
20/08/2015	M2	0.0065	-	-	<0.005	-	411	-	1.5	0.17	<0.01	-	<0.5	0.96	8.23	-	57.6	216	-	<1	0.18
27/08/2015	M2	0.0053	-	-	<0.005	-	479	-	1.3	0.16	<0.01	-	0.63	0.54	8.24	-	59.1	220	-	1.1	0.21
03/09/2015	M2	0.0317	-	-	0.0165	-	400	-	1.6	0.16	<0.01	-	0.52	0.7	8.36	-	57.4	216	-	6.6	3.99
10/09/2015	M2	0.0086	-	-	<0.005	-	376	-	1.3	0.18	<0.01	-	<0.5	0.54	8.31	-	55.1	199	-	2.2	0.66
17/09/2015	M2	0.0059	-	-	<0.005	-	397	-	1.8	0.16	<0.01	-	0.65	0.65	-	-	52.1	209	-	<1	0.23
13/05/2016	M2	0.0163	-	-	0.017	-	217	-	0.75	0.1	<0.01	-	2.97	3.17	8.06	-	30.1	108	-	11.5	2.85
09/11/2018	M2	<0.05 - 0.0068	<0.05	-	-	0.003	368	1.45	-	0.145	<0.05	-	1.26	1.33	8.33	59.7	-	-	-	<3	0.55
04/03/2019	M2	<0.05 - 0.005	<0.05	-	-	0.0027	476	1.97	-	0.161	<0.05	-	0.58	0.7	8.3	84.4	-	-	-	<3	0.12
18/06/2019	M2	<0.05 - 0.0087	<0.05	-	-	0.0037	251	0.61	-	0.142	<0.05	-	1.65	1.38	8.44	27.4	-	-	-	<3	0.84

Sample Date	Sample ID	Metals																						
		Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01	0.1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life				100[#6]			5[#7]								1200			Variable[#8]						
BC WQG Working - Fresh Water Aquatic Life					9	9			1000	1000	0.13	0.13											8.9[#16]	8.9[#16]
CWQG Aquatic Life Freshwater - Long Term			100[#23]				5	5							1500	1500	Variable[#24]							
CWQG Aquatic Life Freshwater - Short Term															29000	29000	Variable[#28]							
14/05/2012	M1	-	200	44.1	0.095	0.081	0.32	0.231	67	59.4	0.034	<0.01	<0.005	<0.005	<50	<50	0.207	0.055	28,400	27,700	-	-	0.28	<0.1
14/05/2012	M1-DUP	-	203	29.9	0.093	0.083	0.316	0.201	69.4	58.8	0.037	<0.01	<0.005	<0.005	<50	<50	0.235	0.05	28,700	27,600	-	-	0.37	0.18
19/06/2012	M1	-	139	16.8	0.096	0.074	0.311	0.213	50	43.3	0.021	<0.01	<0.005	<0.005	<50	<50	0.085	0.0341	21,800	20,800	-	-	0.33	0.13
25/07/2012	M1	-	23.9	5.99	0.103	0.105	0.238	0.228	81.5	80.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.038	0.028	40,000	41,000	-	-	0.18	0.13
25/08/2012	M1	-	8.86	5.24	0.114	0.125	0.216	0.227	127	127	<0.01	<0.01	<0.005	<0.005	<50	<50	0.033	0.028	57,500	55,900	-	-	0.12	0.29
18/09/2012	M1	-	3.42	3.05	0.092	0.111	0.148	0.171	137	158	<0.01	<0.01	<0.005	<0.005	<50	<50	0.027	0.028	56,400	64,900	-	-	<0.1	0.15
18/09/2012	M1-DUP	-	3.78	1.01	0.106	0.105	0.162	0.164	154	144	<0.01	<0.01	<0.005	<0.005	<50	<50	0.03	0.023	70,100	57,500	-	-	<0.1	0.12
24/10/2012	M1	-	5.62	1.98	0.093	0.1	0.192	0.174	115	116	<0.01	<0.01	<0.005	<0.005	<50	<50	0.02	0.044	50,500	51,700	-	-	<0.1	<0.1
23/11/2012	M1	-	5.54	24.8	0.106	0.124	0.173	0.164	99.4	96.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.046	47,500	47,000	-	-	0.14	0.16
15/12/2012	M1	-	15.6	2.95	0.091	0.111	0.156	0.185	112	115	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.023	47,400	49,000	-	-	0.1	<0.1
25/01/2013	M1	-	8.69	1.89	0.084	0.094	0.129	0.134	136	137	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.021	67,200	62,400	-	-	<0.1	<0.1
21/02/2013	M1	-	4.5	1.23	0.082	0.078	0.157	0.156	140	138	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.024	56,500	56,400	-	-	<0.1	<0.1
20/03/2013	M1	-	98.8	6.27	0.081	0.091	0.164	0.129	104	103	<0.01	<0.01	<0.005	<0.005	<50	<50	0.027	0.02	41,200	43,200	-	-	0.22	<0.1
17/04/2013	M1	-	170	17.2	0.075	0.076	0.16	0.139	70.2	64.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.027	0.018	26,100	22,400	-	-	0.3	0.1
24/05/2013	M1	-	210	25.8	0.085	0.079	0.269	0.256	51.7	41.3	0.028	<0.01	0.016	<0.005	<50	<50	0.071	0.026	20,100	19,500	-	-	0.32	0.11
21/06/2013	M1	-	2250	27.8	0.189	0.119	2.88	0.327	378	52.6	0.684	<0.01	0.007	<0.005	<50	<50	2.66	0.035	79,800	24,400	-	-	3.3	<0.1
21/06/2013	M1-DUP	-	3200	21.6	0.191	0.125	3.15	0.286	408	51.7	0.737	<0.01	0.007	<0.005	<50	<50	2.72	0.029	81,900	24,500	-	-	5.01	<0.1
17/07/2013	M1	-	35.1	5.55	0.114	0.108	0.227	0.208	95.2	101	<0.01	<0.01	<0.005	<0.005	<50	<50	0.034	0.021	43,300	40,700	-	-	7.61	0.11
26/08/2013	M1	-	10.2	5.59	0.12	0.111	0.233	0.233	144	139	<0.01	<0.01	<0.005	<0.005	<50	<50	0.033	0.028	57,000	58,000	-	-	<0.1	0.11
25/09/2013	M1	-	98.3	1.91	0.11	0.1	0.227	0.194	126	104	<0.01	<0.01	<0.005	<0.005	<50	<50	0.037	0.018	50,400	50,100	-	-	0.22	0.13
24/10/2013	M1	-	13.6	1.79	0.104	0.106	0.171	0.192	116	118	<0.01	<0.01	<0.005	<0.005	<50	<50	0.022	0.017	57,000	57,200	-	-	0.11	0.12
24/10/2013	M1-DUP	-	27.8	2.02	0.097	0.094	0.169	0.188	114	118	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.018	56,100	56,400	-	-	0.1	0.14
20/11/2013	M1	-	17.6	11.7	0.085	0.071	0.192	0.189	130	126	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.026	41,900	47,300	-	-	0.13	0.13
22/12/2013	M1	-	22.2	2.08	0.077	0.083	0.168	0.137	137	128	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.02	55,100	53,300	-	-	0.11	0.1
27/01/2014	M1	-	8.23	4.52	0.07	0.088	0.146	0.157	133	137	<0.01	<0.01	<0.005	<0.005	<50	<50	0.032	0.022	57,200	57,100	-	-	0.19	0.23
27/02/2014	M1	-	4.79	0.94	0.075	0.07	0.149	0.147	143	143	<0.01	<0.01	<0.005	<0.005	<50	<50	0.026	0.024	59,400	59,800	-	-	<0.1	<0.1
27/03/2014	M1	-	26.4	0.55	0.09	0.079	0.182	0.165	138	138	<0.01	<0.01	<0.005	<0.005	<50	<50	0.027	0.02	54,900	58,200	-	-	0.12	<0.1
24/04/2014	M1	-	156	3.53	0.107	0.107	0.263	0.201	107	95.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.056	0.021	49,800	54,300	-	-	0.27	<0.1
24/04/2014	M1-DUP	-	242	4.45	0.112	0.107	0.265	0.189	108	101	0.012	<0.01	<0.005	<0.005	<50	<50	0.063	0.02	49,400	48,300	-	-	0.36	<0.1
15/05/2014	M1	-	278	13.5	0.108	0.094	0.41	0.216	85.4	67.2	0.047	<0.01	0.005	<0.005	<50	<50	0.163	0.024	32,700	31,900	-	-	0.47	0.13
23/05/2014	M1	-	1220	16.2	0.135	0.084	1.3	0.272	175	49.8	0.251	<0.01	0.013	<0.005	<50	<50	0.916	0.027	40,400	21,200	-	-	1.86	0.11
29/05/2014	M1	-	274	15.4	0.097	0.088	0.392	0.23	64.2	47.4	0.043	<0.01	<0.005	<0.005	<50	<50	0.162	0.03	25,900	21,800	-	-	0.47	0.74
05/06/2014	M1	-	209	22	0.08	0.077	0.413	0.238	58.2	42.8	0.038	<0.01	<0.005	<0.005	<50	<50	0.144	0.031	24,600	22,000	-	-	0.43	0.14
12/06/2014	M1	-	139	13.6	0.086	0.089	0.259	0.197	53.4	48.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.062	0.023	25,300	23,300	-	-	0.31	0.13
24/07/2014	M1	-	20.1	5	0.104	0.109	0.213	0.233	96.8	94	<0.01	<0.01	<0.005	<0.005	<20	<20	0.03	0.023	45,200	45,300	-	-	0.14	0.17
22/08/2014	M1	-	9.82	2.43	0.103	0.106	0.208	0.231	121	116	<0.01	<0.01	<0.005	<0.005	<20	<20	0.031	0.024	53,800	53,500	-	-	0.12	0.16
29/08/2014	M1	-	23.1	3.52	0.108	0.104	0.232	0.221	121	117	<0.01	<0.01	<0.005	<0.005	<20	<20	0.033	0.02	51,800	49,400	-	-	0.11	<0.1
05/09/2014	M1	-	30.7	3.74	0.098	0.089	0.215	0.222	104	100	<0.01	<0.01	<0.005	<0.005	<20	<20	0.029	0.021	51,100	59,700	-	-	0.21	0.1
11/09/2014	M1-DUP	-	12.3	3.21	0.094	0.091	0.204	0.214	111	112	<0.01	<0.01	<0.005	<0.005	<20	<20	0.023	0.02	61,100	54,200	-	-	0.13	0.14
12/09/2014	M1	-	10.3	2.78	0.09	0.091	0.202	0.219	112	113	<0.01	<0.01	<0.005	<0.005	<20	<20	0.024	0.021	63,800	57,400	-	-	0.16	<0.1
19/09/2014	M1	-	9.42	2.34	0.096	0.103	0.224	0.213	109	108	<0.01	<0.01	<0.005	<0.005	<20	<20	0.025	0.02	54,400	53,900	-	-	0.17	0.15
30/10/2014	M1	-	7.85	2.72	0.087	0.098	0.187	0.183	111	121	<0.01	<0.01	<0.005	<0.005	<10	<10	0.025	0.022	46,200	46,900	-	-	0.1	0.12
28/11/2014	M1	-	601	3.67	0.131	0.084	0.536	0.174	99.3	87	0.066	<0.01	<0.02	<0.005	<50	<10	0.0994	0.0197	43,500	41,000	-	-	0.96	<0.1
18/12/2014	M1	-	38.8	5.04	0.083	0.087	0.149	0.164	93.4	97.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0235	0.018	40,700	42,800	-	-	0.13	0.12
23/01/2015	M1	-	18.7	2.31	0.077	0.075	0.158	0.151	127	123	<0.01	<0.01	<0.005	<0.005	<10	<10	0.027	0.021	54,300	53,000	-	-	<0.1	<0.1
27/02/2015	M1	16,200	18.3	2.35	0.078	0.069	0.115	0.132	98	94.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.019	0.017	50,800	49,000	-	-	0.11	<0.1
26/03/2015	M1	12,000	180	4.63	0.086	0.092	0.238	0.156	91.3	88	0.015	<0.01	<0.005	<0.005	<10	<10	0.0616	0.0151	38,900	41,500	-	-	0.33	<0.1
23/04/2015	M1	-	147	10	0.088	0.087	0.242	0.221	65.4	63.1	0.015	<0.01	<0.02	<0.005	<50	<10	0.0463	0.0175	29,300	29,700	-	-	<0.5	0.12
15/05/2015	M1	-	52.5	7.05	0.091	0.081	0.209	0.202	65.4	64.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0274	0.0185	29,900	31,900	-	-	0.18	<0.1
21/05/2015	M1	-	225	10.2	0.091	0.07	0.297	0.231	62	48.7	0.018	<0.01	0.006	<0.005	<10	<10	0.06	0.021	24,400	25,300	-	-	0.4	0.13
28/05/2015	M1	-	210	13.8	0.086	0.08	0.362	0.219	56	44.2	0.034	<0.01	<0.005	<0.005	<10	<10	0.108	0.02	24,200	23,400	-	-	0.42	0.15
04/06/2015	M1	-	560	36.3	0.12	0.123	0.56	0.227	59.7	41.8	0.047	<0.01	<0.02	<0.005	<50	<10	0.131	0.0256	27,200	26,000	-	-	1.2	0.15
11/06/2015	M1	-	108	6.59	0.09	0.082	0.307	0.236	58.5	54.2	0.011	<0.01	<0.005	0.0063	<10	<10	0.045	0.0228	28,500	28,600	-	-	0.31	0.15
23/07/2015	M1	-	7.83	1.67	0.101	0.097	0.238	0.205	124	118	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0257	0.0211	52,900	49,100	-	-	0.12	<0.1
20/08/2015	M1	-	3.98	1.61	0.104	0.109	0.225	0.181	147	148	<0.01	<0.01	<0.005	<0.005	<10	<10	0.028	0.025	58,500	58,300	-	-	0.11	<0.1
27/08/2015	M1	-	6.47	1.92	0.112	0.111	0.223	0.222	148	149	<0.01	<0.01	<0.005	<0.005	11	11	0.027	0.024	59,000	59,300	-	-	0.12	0.11
03/09/2015	M1	-	698	2.73	0.223	0.111	0.75	0.212	163	136	0.075	<0.01	<0.02	<0.005	<50	<10	0.17	0.032	55,000	53,600	-	-	1.16	0.12
10/09/2015	M1	-	36.1	2.92	0.101	0.096	0.268	0.265	111	112	<0.01	<0.01	<0.005	<0.005	<10	<10	0.036	0.027	54,900	44,500	-	-	0.19	0.17
17/09/2015	M1	-	4.46	2.98	0.104	0.104	0.2	0.207	134	133	<0.01	<0.01	<0.005	<0.005	<10	<10	0.028	0.024	58,000	55,600	-	-	0.13	0.13
13/05/2016	M1	-	94.5	8.64	0.082	0.073	0.242	0.169	61.8	59.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.042	0.024	30,200	29,900	-	-	0.28	0.15
09/11/2018	M1	-	13.9	4.8	0.11	0.1	0.19	0.16	109	112	<0.1	<0.1	<0.05	<0.05	<10	<10	0.026	0.0235	50,300	52,800	<0.01	<0.01	0.14	0.13
09/11/2018	M1-DUP	-	15.4	4.4	0.1	0.11	0.17	0.17	109	119	<0.1	<0.1	<0.05	<0.05	10	<10	0.0218	0.0227	51,000	53,100	<0.01	<0.01	0.22	0.17
04/03/2019	M1	-	3.8	<1	<0.1	<0.1	0.15	0.15	150	146	<0.1	<0.1	<0.05	<0.05	<10	11	0.0322	0.0239	62,400	60,100	<0.01	<0.01	0.1	0.1
18/06/2019	M1	-	37.3	8.4	<0.1	<0.1	0.28	0.25	57	63.1	<0.1	<0.1	<0.05	<0.05	<10	<10	0.025	0.0216	31,700	33,900	<0.01	<0.01	0.17	0.16
14/05/2012	M2	-	204	25.9	0.081	0.082	0.332	0.191	67.8	57	0.039	<0.01	<0.005	<0.005	<50	<50	0.214	0.036	29,700	28,300	-	-	0.3	0.1
19/06/2012	M2	-	144	14.8	0.077	0.069	0.255	0.189	48.1	41.8	0.019	<0.01	<0.005	<0.005	<50	<50	0.0784	0.0243	23,300	21,700	-	-	0.3	0.13
25/07/2012	M2	-	19.5	5.09	0.092	0.09	0.216	0.19	68.3	71.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.021	0.018	42,100	45,200	-	-	0.2	0.15
25/08/2012	M2	-	8.61	6.44	0.075	0.078	0.148	0.126	96.7	93.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.017	59,800	57,200	-	-	0.23	0.17
18/09/2012	M2	-	3.66	1.64	0.063	0.072	0.13	0.108	95.5	112	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.014	54,700	65,400	-	-	0.1	0.21
24/10/2012	M2	-	4.15	1.45	0.064	0.079	0.145	0.136	90.5	96.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.012	52,900	55,400	-	-	<0.1	<0.1
23/11/2012	M2	-	19.8	16.6	0.091	0.097	0.184	0.145	90.9	89	<0.01	<0.01	<0.005	<0.005	<50	<50	0.026	0.017	51,900	50,800	-	-	0.21	0.16
15/12/2012	M2	-	8.07	1.7	0.074	0.075	0.147	0.147	95.4	101	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.017	55,900	56,300	-	-	0.12	0.28
24/01/2013	M2	-	5.49	1.46	0.063	0.062	0.169	0.152	107	104	<0.01	<0.01	<0.005	<0.005	<50	<50	0.02	0.016	60,700	64,600	-	-	<0.1	<0.1
21/02/2013	M2	-	3.25	1.33	0.064	0.068	0.132	0.147	108	106	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.014	66,400	65,400	-	-	0.11	<0.1
20/03/2013	M2	-	27	2.21	0.07	0.084	0.134	0.16	102	107	<0.01	<0.01	<0.005	<0.005	<50	<50	0.022	0.016	51,900	51,800	-	-	0.14	<0.1
17/04/2013	M2	-	76	2.74	0.072	0.079	0.182	0.15	95.5	98.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.025	0.013	54,600	52,000	-	-	0.26	0.12
17/04/2013	M2-DUP	-	64.4	2.95	0.077	0.075	0.157	0.152	95.6	89.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.025	0.015	52,500	51,600	-	-	0.23	0.13
24/05/2013	M2	-	167	16.7	0.08	0.077	0.265	0.226	60.6	51.5	0.021	<0.01	0.006	<0.005	<50	<50	0.076	0.019	27,200	26,300	-	-	0.32	0.13
21/06/2013	M2	-	2200	19.9	0.186	0.128	2.8	0.33	374	57.1	0.647	<0.01	0.007	<0.005	<50	<50	2.53	0.035	93,800	26,700	-	-	3.22	<0.1
17/07/2013	M2	-	30	2.81	0.085	0.08	0.18	0.211	83.5	86.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.014	44,300	41,500	-	-	0.25	0.13
26/08/2013	M2	-	11.4	3.09	0.085	0.089	0.185	0.174	110	114	<0.01	<0.01	<0.005	<0.005	<50	<50	0.023	0.021	54,600	65,900	-	-	0.13	0.12
25/09/2013	M2	-	57.7	2.07	0.087	0.082	0.209	0.186	108	93.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.029	0.015	55,200	49,500	-	-	0.85	0.16
24/10/2013	M2	-	17.3	1.02	0.07	0.076	0.128	0.148	95.8	104	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.014	54,400	56,300	-	-	0.11	0.16
20/11/2013	M2	-	18.6	1.77	0.074	0.076	0.161	0.163	108	112	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.015	51,000	55,800	-	-	0.13	0.16
22/12/2013	M2	-	8.48	1.49	0.066	0.059	0.133	0.143	109	98.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.013	55,000	52,800	-	-	0.15	0.12
27/01/2014	M2	-	6.28	1.41	0.053	0.055	0.135	0.132	105	106	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.016	57,200	55,500	-	-	0.26	0.23
27/02/2014	M2	-	6.42	0.63	0.054	0.06	0.137	0.13	108	107	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.017	61,500	61,400	-	-	0.15	0.12
27/03/2014	M2	-	23.5	<0.5	0.065	0.066	0.154	0.154	113	113	<0.01	<0.01	<0.005	<0.005	<50	<50	0.02	0.015	55,800	58,600	-	-	0.13	0.13
24/04/2014	M2	-	190	3.28	0.092	0.085	0.241	0.164	101	95.8	0.01	<0.01	<0.005	<0.005	<50	<50	0.05	0.018	49,500	48,600	-	-	0.33	0.11
15/05/2014	M2	-	266	15.2	0.103	0.092	0.42	0.209	88.9	68.3	0.047	<0.01	0.005	<0.005	<50	<50	0.157	0.026	34,900	32,700	-	-	0.46	0.14
23/05/2014	M2	-	1110	13.4	0.12	0.092	1.16	0.275	161	54.4	0.217	<0.01	0.01	<0.005	<50	<50	0.769	0.027	41,700	23,600	-	-	1.58	<0.1
29/05/2014	M2	-	209	13.1	0.082	0.075	0.379	0.218	61.6	46.7	0.033	<0.01	<0.005	<0.005	<50	<50	0.135	0.026	26,700	24,400	-	-	0.39	0.13
05/06/2014	M2	-	275	20	0.079	0.071	0.457	0.216	66.2	41.7	0.053	<0.01	<0.005	<0.005	<50	<50	0.226	0.03	27,000	23,400	-	-	0.48	0.16
12/06/2014	M2	-	118	11.7	0.078	0.065	0.244	0.207	51.5	49.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.05	0.022	27,100	23,900	-	-	0.25	0.14
24/07/2014	M2	-	19.2	3.88	0.075	0.083	0.188	0.211	86.1	82.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.022	0.018	45,200	48,400	-	-	0.14	0.16
22/08/2014	M2	-	13.6	2.03	0.084	0.083	0.218	0.207	105	101	<0.01	<0.01	<0.005	<0.005	<20	<20	0.024	0.018	54,000	53,500	-	-	0.15	0.16
29/08/2014	M2	-	25	3.62	0.08	0.072	0.208	0.178	101	104	<0.01	<0.01	<0.005	<0.005	<20	<20	0.023	0.014	48,400	50,000	-	-	0.16	0.13
05/09/2014	M2	-	12	2.3	0.077	0.071	0.18	0.172	91.6	91.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.025	0.017	50,700	48,500	-	-	0.23	0.2
12/09/2014	M2	-	8.27	3.35	0.07	0.07	0.162	0.172	89.3	89.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.018	0.014	64,600	54,300	-	-	0.17	0.16
19/09/2014	M2	-	8.94	2.13	0.08	0.081	0.185	0.184	93	91.7	<0.01	<0.01	<0.005	<0.005	<20	<20	0.018	0.015	54,100	54,200	-	-	0.17	0.17
30/10/2014	M2	-	5.85	2.41	0.062	0.072	0.149	0.151	91.7	105	<0.01	<0.01	<0.005	<0.005	<10	<10	0.017	0.016	49,500	56,000	-	-	0.14	0.17
28/11/2014	M2	-	742	358	0.16	0.101	0.619	0.332	109	109	0.052	0.032	<0.02	0.0061	<50	<10	0.118	0.128	40,300	41,500	-	-	1.12	0.44
18/12/2014	M2	-	27.4	3.63	0.069	0.072	0.144	0.15	87	89.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0158	0.017	44,500	46,000	-	-	0.13	0.15
23/01/2015	M2	-	20.2	1.49	0.083	0.071	0.147	0.135	102	101	<0.01	<0.01	<0.005	<0.005	<10	<10	0.02	0.015	54,700	52,500	-	-	0.18	0.12
27/02/2015	M2	15,800	24.8	2.59	0.092	0.082	0.154	0.145	108	102	<0.01	<0.01	<0.005	<0.005	<10	<10	0.024	0.021	48,900	47,300	-	-	0.12	<0.1
26/03/2015	M2	12,200	92.1	6.14	0.082	0.078	0.193	0.174	85.3	87.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0353	0.0164	41,900	43,600	-	-	0.24	0.11
23/04/2015	M2	-	159	9.19	0.087	0.092	0.246	0.183	67.8	63	0.015	<0.01	<0.02	<0.005	<50	<10	0.0412	0.013	30,600	31,100	-	-	<0.5	0.11
15/05/2015	M2	-	42	5.88	0.077	0.129	0.203	0.191	63.5	65.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0302	0.0184	34,200	34,600	-	-	0.2	0.12
21/05/2015	M2	-	207	9.6	0.073	0.079	0.269	0.218	58.8	50.1	0.017	<0.01	0.005	<0.005	<10	<10	0.052	0.017	26,200	26,800	-	-	0.4	0.15
28/05/2015	M2	-	139	11.3	0.083	0.091	0.35	0.203	58	45.9	0.025	<0.01	<0.005	<0.005	<10	<10	0.101	0.018	26,400	25,600	-	-	0.33	0.15
04/06/2015	M2	-	788	11.7	0.131	0.104	0.598	0.248	67	51.9	0.06	<0.01	<0.02	<0.005	<50	<10	0.12	0.0186	30,200	22,800	-	-	1.22	0.15
11/06/2015	M2	-	135	6.18	0.08	0.07	0.413	0.239	60.8	52.9	0.012	<0.01	<0.005	<0.005	<10	<10	0.0587	0.0191	30,700	29,000	-	-	0.38	0.15
23/07/2015	M2	-	14.5	1.68	0.066	0.066	0.312	0.171	92.5	93	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0168	0.0156	50,900	49,000	-	-	0.26	0.13
20/08/2015	M2	-	6.5	1.3	0.069	0.069	0.173	0.138	107	108	<0.01	<0.01	<0.005	<0.005	<10	<10	0.018	0.015	56,700	56,600	-	-	0.52	0.14
27/08/2015	M2	-	5.93	1.71	0.079	0.073	0.197	0.186	108	108	<0.01	<0.01	<0.005	<0.005	<10	<10	0.017	0.015	57,900	58,100	-	-	0.18	0.16
03/09/2015	M2	-	117	1.69	0.079	0.072	0.213	0.162	111	105	0.01	<0.01	<0.005	<0.005	<10	<10	0.048	0.018	57,200	53,400	-	-	0.3	0.17
10/09/2015	M2	-	16.3	1.33	0.075	0.101	0.225	0.217	100	101	<0.01	<0.01	<0.005	<0.005	<10	<10	0.033	0.021	53,500	54,900	-	-	0.2	0.17
17/09/2015	M2	-	4.05	1.2	0.073	0.072	0.167	0.174	107	105	<0.01	<0.01	<0.005	<0.005	<10	<10	0.021	0.015	55,800	56,200	-	-	0.16	0.15
13/05/2016	M2	-	96.3	12.1	0.104	0.087	0.226	0.204	62.8	57.3	<0.01	<0.01	<0.02	<0.005	<50	<10	0.049	0.026	28,700	28,600	-	-	<0.5	0.12
09/11/2018	M2	-	10.1	2.8	<0.1	<0.1	0.16	0.15	96	107	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0226	0.0187	49,400	51,700	<0.01	<0.01	0.3	0.13
04/03/2019	M2	-	6.9	1	<0.1	<0.1	0.16	0.12	117	104	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0206	0.0157	64,100	63,000	<0.01	<0.01	0.22	0.14
18/06/2019	M2	-	31.2	6.8	<0.1	<0.1	0.24	0.22	56.6	61.2	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0253	0.0195	34,100	35,300	<0.01	<0.01	0.19	0.17

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Physical Tests (*in-situ* sampling) / Calculated Parameters

Location Code	Sample Date	Sample ID	Lab Report Number	Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life																			
BC WQG Working - Fresh Water Aquatic Life																			
CWQG Aquatic Life Freshwater - Long Term																			
CWQG Aquatic Life Freshwater - Short Term																			
	16/05/2012	WA1	B240844	2	8.25	196	-	10.3	76	-	-	-	-	-	86,700	<10,000	<10,000	-	94,700
	18/06/2012	WA1	B252527	3.9	7.37	197	-	17.5	130	-	-	-	-	-	84,200	<10,000	<10,000	-	91,700
	24/07/2012	WA1	B265706	6.7	8.34	137.9	-	9.1	89.5	-	-	-	-	-	109,000	<10,000	<10,000	-	123,000
	25/08/2012	WA1	B276408	5.5	9.4	169.7	-	13.86	132.1	106.7	-	-	-	-	134,000	<10,000	<10,000	-	150,000
	17/09/2012	WA1	B283851	3.5	8.37	168.7	-	22.16	199.5	66.8	-	-	-	-	143,000	<10,000	<10,000	-	160,000
	24/10/2012	WA1	B297129	0.01	8.49	141.6	271.1	9.95	69.2	120.7	1.38	-	1320	-	140,000	<10,000	<10,000	-	-
	24/11/2012	WA1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	128,000	7200	7000	-	-
	15/12/2012	WA1	B2B4014	0.02	8.61	144	276	12.11	83.1	170	-	-	-	-	134,000	8000	8000	-	155,000
	25/01/2013	WA1	B306701	0.22	7.71	157	296	13.33	92.1	102	-	-	-	-	138,000	7800	6900	-	168,000
	20/02/2013	WA1	B314188	0.11	8.43	162	307	9.7	66.3	97	0.42	-	-	-	144,000	7200	6400	-	152,000
	20/03/2013	WA1	B322778	0.01	8.22	158	302	12.01	82.8	144	0.25	-	-	-	144,000	6900	7000	-	149,000
	17/04/2013	WA1	B330896	0	8.41	152.5	290.6	12.5	85.8	99.2	2.1	-	-	-	141,000	6700	6800	-	143,000
	23/05/2013	WA1	B341817	2.2	8.14	83.9	149	11.98	104.5	242.5	-	-	-	-	89,600	<3000	<3000	-	95,200
	20/06/2013	WA1	B351922	3.5	7.87	69.9	118.6	11.52	104.8	219.1	-	-	-	-	67,500	<15,000	<3000	-	64,200
	17/07/2013	WA1	B361290	6.29	8.47	201	312	10.88	88.1	79	4.78	-	-	-	127,000	6100	6100	-	124,000
	26/08/2013	WA1	B376191	9	8.09	80.3	-	8.93	85.1	196.3	-	-	-	-	138,000	5400	5900	-	145,000
	25/09/2013	WA1	B387669	4.3	7.74	149.4	246.9	10.15	80.1	-30.3	-	-	-	-	140,000	7000	6700	-	148,000
	24/10/2013	WA1	B399472	1.6	8.2	151.9	275.8	12.09	86.6	280.4	-	-	-	-	130,000	6700	6200	-	148,000
	21/11/2013	WA1	B3A8725	0.1	8.12	-	299	11.88	96.6	259.1	-	-	-	-	149,000	6600	6900	-	164,000
	28/01/2014	WA1	B407313	0	8.48	-	308.1	11.42	88.1	149.2	-	-	-	-	140,000	5400	5900	-	154,000
	24/04/2014	WA1	B432952	1.3	8.8	-	222.1	11.59	82.3	180.3	-	-	-	-	132,000	6200	6800	-	148,000
	15/05/2014	WA1	B439804	2.2	8.3	-	186.6	11.36	82.6	248.7	12.37	-	-	-	110,000	4000	4600	-	117,000
	22/05/2014	WA1	B442060	3.6	8.27	-	143.4	11.69	89	221.4	62.46	-	-	-	68,500	<3000	<3000	-	90,500
	30/05/2014	WA1	B444272	3.4	8.33	-	149.6	11.37	85.5	282	33.6	-	-	-	91,100	3100	4200	-	101,000
	30/05/2014	WA1-DUP	B444272	3.4	8.33	-	149.6	11.37	85.5	282	33.6	-	-	-	90,100	3300	3700	-	102,000
	05/06/2014	WA1	B446972	3.7	8.2	110.8	163.3	11.12	84.4	266.7	26.15	-	-	-	85,800	<3000	3200	-	92,200
	12/06/2014	WA1	B449500	3.3	8.26	-	173.2	12.11	89.3	237.9	0.87	-	-	-	93,600	<3000	3500	-	98,200
WA1	24/07/2014	WA1	B464009	6.5	8.36	-	232.6	11.04	90	172.5	1.9	-	-	-	127,000	7100	5600	-	139,000
	21/08/2014	WA1	B474408	7.3	8.66	-	242	9.33	82	110	0.61	-	-	-	140,000	7000	6500	-	149,000
	28/08/2014	WA1	B476541	7.75	8.42	-	292	9.9	83.1	153	4.33	-	-	-	144,000	6000	5800	-	157,000
	05/09/2014	WA1	B479164	4.88	8.46	-	274	11.89	92.9	140	2.88	-	-	-	134,000	6000	5600	-	147,000
	12/09/2014	WA1	B481292	2.88	8.45	-	241	11.37	84.4	125	2.03	-	-	-	137,000	7400	6800	-	164,000
	18/09/2014	WA1	B483962	7	8.56	-	242	10.19	84	129	1.61	-	-	-	139,000	7100	6200	-	151,000
	31/10/2014	WA1	B499587	2.2	8.32	-	298.3	11.27	82	251.5	0.26	-	-	-	143,000	7900	7200	-	151,000
	27/11/2014	WA1	B4A9093	0.4	8.35	-	172.3	11.45	79.1	222.6	0.62	-	-	-	117,000	5700	5700	-	136,000
	18/12/2014	WA1	B4B5326	0.9	8.34	-	237.4	12.24	86.4	223.6	0.84	-	-	-	134,000	4900	5400	-	140,000
	22/01/2015	WA1	B505986	0	8.3	-	254.3	13.83	94.2	278.1	0.38	-	-	-	139,000	6700	6700	-	154,000
	26/02/2015	WA1	B516449	0.1	8.29	-	225.2	14.34	97.8	174.5	0.92	-	<500	-	141,000	6900	-	-	-
	26/03/2015	WA1	B525184	1.9	8.38	-	206.7	12.3	89.4	220	2.11	-	<500	-	125,000	5600	-	-	-
	23/04/2015	WA1	B533584	5.7	8.3	-	201.1	9.52	78.9	289.2	6.56	-	-	-	97,900	<15,000	4000	-	102,000
	14/05/2015	WA1	B540628	3.6	8.19	-	172.6	13.53	102.2	239.7	-	-	-	-	108,000	5200	5100	-	119,000
	21/05/2015	WA1	B542667	3.2	8.28	-	157.9	12.88	96.4	239.7	4.98	-	-	-	92,400	3900	3600	-	103,000
	28/05/2015	WA1	B545872	4.1	8.13	-	162.2	10.89	83.3	261.8	9.85	-	-	-	90,300	4300	<3000	-	102,000
	05/06/2015	WA1	B547761	6.4	8.09	-	168.7	9.63	78.2	326.7	8.5	-	-	-	90,200	<15,000	3600	-	104,000
	11/06/2015	WA1	B549906	5.6	8.3	-	192.9	9.78	78	288.5	3.21	-	-	-	106,000	4400	4100	-	115,000
	23/07/2015	WA1	B563471	6.3	8.39	-	249.4	11.14	90.3	354.9	0.27	-	-	-	141,000	6100	5700	-	147,000
	20/08/2015	WA1	B572515	7	8.5	-	269.1	10.16	83.7	102.2	1.2	-	-	-	144,000	6800	7000	-	157,000
	27/08/2015	WA1	B575103	7	8.51	-	266.8	10.58	87.2	201.4	1.51	-	-	-	145,000	5900	6700	-	161,000
	03/09/2015	WA1	B577658	-	-	-	-	-	-	-	-	-	-	-	143,000	5700	7500	-	150,000
	10/09/2015	WA1	B579637	4.5	8.36	-	262.4	10.94	84.5	158.4	1.47	-	-	-	143,000	6700	7000	-	161,000
	17/09/2015	WA1	B582068	2.9	8.33	-	237.5	11.53	85.4	157.4	0.36	-	-	-	144,000	<15,000	6800	-	158,000
	12/05/2016	WA1	B637198	2	8.35	-	162.5	12.87	93	211.6	14.8	-	-	-	99,800	<15,000	3800	-	104,000
	20/07/2018	WA1	L2133661	9.83	8.41	208.7	293.5	9.41	99.9	46.5	-	128,000	5000	<1000	133,000	6460	5760	145,000	-
	09/11/2018	WA1	L2195291	0.08	8.03	161.2	307.5	12.4	102.1	35.5	1.23	144,000	5600	<1000	150,000	7270	6620	169,000	-
	17/06/2019	WA1	L2295044	4.99	7.03	154.1	249.4	10.93	102.3	60.2	1.28	111,000	6600	<1000	118,000	5730	5190	134,000	-

General Chemistry

Sample Date	Sample ID	Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life						Variable			32.8[#4]					Variable					
BC WQG Working - Fresh Water Aquatic Life																			
CWQG Aquatic Life Freshwater - Long Term						Variable					13	13				0.197			
CWQG Aquatic Life Freshwater - Short Term											550	550							
16/05/2012	WA1	106	<0.5	<0.5	<0.5	0.011	-	-	0.109	-	-	-	0.119	0.0102	-	-	-	0.152	-
18/06/2012	WA1	103	<0.5	<0.5	<0.5	0.0065	-	-	0.065	-	-	-	0.075	0.0103	-	-	-	0.101	-
24/07/2012	WA1	133	<0.5	<0.5	<0.5	0.19	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0246	-
25/08/2012	WA1	163	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0194	-
17/09/2012	WA1	174	<0.5	<0.5	<0.5	0.016	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0184	-
24/10/2012	WA1	167	1.58	<0.5	1.32	0.018	-	-	-	-	0.036	-	0.036	<0.005	-	-	0.036	0.0163	-
24/11/2012	WA1	156	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.048	-	0.048	<0.005	-	-	0.048	0.0718	-
15/12/2012	WA1	163	<0.5	<0.5	<0.5	<0.005	-	-	0.058	-	-	-	0.058	<0.005	-	-	-	0.0209	-
25/01/2013	WA1	169	<0.5	<0.5	<0.5	0.051	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	0.0216	-
20/02/2013	WA1	175	<0.5	<0.5	<0.5	0.011	-	-	0.067	-	-	-	0.067	<0.005	-	-	-	0.0199	-
20/03/2013	WA1	175	<0.5	<0.5	<0.5	0.016	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	0.0167	-
17/04/2013	WA1	170	0.95	<0.5	0.79	<0.005	-	-	0.053	-	-	-	0.053	<0.005	-	-	-	0.0207	-
23/05/2013	WA1	109	<0.5	<0.5	<0.5	0.015	-	-	0.068	-	-	-	0.068	<0.005	-	-	-	0.0871	-
20/06/2013	WA1	82.4	<0.5	<0.5	<0.5	0.066	-	-	0.041	-	-	-	0.05	0.009	-	-	-	3.24	-
17/07/2013	WA1	155	<0.5	<0.5	<0.5	0.046	-	-	0.026	-	-	-	0.026	<0.005	-	-	-	0.0243	-
26/08/2013	WA1	165	1.87	<0.5	1.56	0.0079	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0212	-
25/09/2013	WA1	169	1.16	<0.5	0.97	0.0063	-	-	0.03	-	-	-	0.03	<0.005	-	-	-	0.0187	-
24/10/2013	WA1	159	<0.5	<0.5	<0.5	0.009	-	-	0.04	-	-	-	0.04	<0.005	-	-	-	0.0193	-
21/11/2013	WA1	182	<0.5	<0.5	<0.5	0.018	-	-	0.092	-	-	-	0.092	<0.005	-	-	-	0.0311	-
28/01/2014	WA1	171	<0.5	<0.5	<0.5	0.0075	-	-	0.09	-	-	-	0.09	<0.005	-	-	-	0.0192	-
24/04/2014	WA1	158	1.2	<0.5	1	<0.005	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	0.0206	-
15/05/2014	WA1	134	<0.5	<0.5	<0.5	0.012	-	-	0.142	-	-	-	0.142	<0.005	-	-	-	0.041	-
22/05/2014	WA1	83.5	<0.5	<0.5	<0.5	0.014	-	-	0.143	-	-	-	0.182	0.0392	-	-	-	0.15	-
30/05/2014	WA1	111	<0.5	<0.5	<0.5	0.015	-	-	0.104	-	-	-	0.109	0.0056	-	-	-	0.0835	-
30/05/2014	WA1-DUP	110	<0.5	<0.5	<0.5	0.015	-	-	0.106	-	-	-	0.111	0.0055	-	-	-	0.0964	-
05/06/2014	WA1	105	<0.5	<0.5	<0.5	0.032	-	-	-	-	-	-	0.081	-	-	-	-	0.0325	-
12/06/2014	WA1	114	<0.5	<0.5	<0.5	0.023	-	-	0.059	-	-	-	0.059	<0.005	-	-	-	0.053	-
24/07/2014	WA1	155	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0198	-
21/08/2014	WA1	167	1.72	<0.5	1.43	0.018	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0099	-
28/08/2014	WA1	172	2.08	<0.5	1.73	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0217	-
05/09/2014	WA1	164	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0179	-
12/09/2014	WA1	168	<0.5	<0.5	<0.5	0.023	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0193	-
18/09/2014	WA1	170	<0.5	<0.5	<0.5	0.016	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0187	-
31/10/2014	WA1	174	<0.5	<0.5	<0.5	<0.005	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	0.0184	-
27/11/2014	WA1	143	<0.5	<0.5	<0.5	0.005	-	-	0.071	-	-	-	0.071	<0.005	-	-	-	0.0241	-
18/12/2014	WA1	163	<0.5	<0.5	<0.5	0.0085	-	-	0.082	-	-	-	0.082	<0.005	-	-	-	0.0199	-
22/01/2015	WA1	169	<0.5	<0.5	<0.5	<0.005	-	-	0.092	-	-	-	0.092	<0.005	-	-	-	0.0182	-
26/02/2015	WA1	172	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.052	-	0.052	<0.005	-	-	-	0.0169	-
26/03/2015	WA1	153	<0.5	<0.5	<0.5	0.0096	-	-	-	-	0.039	-	0.039	<0.005	-	-	-	0.066	-
23/04/2015	WA1	119	<0.5	<0.5	<0.5	0.008	-	-	0.088	-	-	-	0.088	<0.005	-	-	-	0.0414	-
14/05/2015	WA1	132	<0.5	<0.5	<0.5	0.03	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.0294	-
21/05/2015	WA1	113	<0.5	<0.5	<0.5	0.039	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.0332	-
28/05/2015	WA1	110	<0.5	<0.5	<0.5	0.018	-	-	0.055	-	-	-	0.055	<0.005	-	-	-	0.0487	-
05/06/2015	WA1	110	<0.5	<0.5	<0.5	0.0076	-	-	0.026	-	-	-	0.026	<0.005	-	-	-	0.0426	-
11/06/2015	WA1	130	<0.5	<0.5	<0.5	0.017	-	-	0.047	-	-	-	0.047	<0.005	-	-	-	0.0296	-
23/07/2015	WA1	172	<0.5	<0.5	<0.5	0.01	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0181	-
20/08/2015	WA1	175	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0207	-
27/08/2015	WA1	177	<0.5	<0.5	<0.5	0.021	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0214	-
03/09/2015	WA1	174	<0.5	<0.5	<0.5	0.0097	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0219	-
10/09/2015	WA1	172	1.15	<0.5	0.96	0.029	-	-	0.022	-	-	-	0.022	<0.005	-	-	-	0.0175	-
17/09/2015	WA1	173	1.2	<0.5	1	0.014	-	-	0.023	-	-	-	0.023	<0.005	-	-	-	0.0198	-
12/05/2016	WA1	122	<0.5	<0.5	<0.5	0.026	-	-	0.076	-	-	-	0.076	<0.005	-	-	-	0.0425	-
20/07/2018	WA1	-	-	-	-	-	<0.005	<0.05	0.0153	-	-	-	0.0153	<0.001	-	-	-	<0.05 - 0.0181	<0.05
09/11/2018	WA1	-	-	-	-	-	0.0179	<0.05	0.0339	-	-	-	0.0339	<0.001	-	-	-	<0.05 - 0.0166	<0.05
17/06/2019	WA1	-	-	-	-	-	<0.005	0.055	0.0286	-	-	-	0.0296	0.0011	-	-	-	<0.05 - 0.024	<0.05

General Chemistry (continued)

Sample Date	Sample ID	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life		0.005				600	600	Variable[#4]											
BC WQG Working - Fresh Water Aquatic Life																			
CWQG Aquatic Life Freshwater - Long Term		0.004				120	120	0.12					6.5-9						
CWQG Aquatic Life Freshwater - Short Term						640	640												
16/05/2012	WA1	-	0.0325	-	184	-	0.8	0.094	<0.01	-	-	-	8.07	-	7.93	99.7	-	73.4	38.1
18/06/2012	WA1	-	0.03	-	179	-	<0.5	0.089	<0.01	-	-	-	7.98	-	8.22	95.7	-	54.1	27
24/07/2012	WA1	-	0.0113	-	240	-	0.5	0.11	<0.01	-	-	-	7.9	-	12.7	120	-	3.3	0.74
25/08/2012	WA1	-	0.0164	-	283	-	0.78	0.12	<0.01	-	-	-	8.23	-	16.1	149	-	1.1	0.2
17/09/2012	WA1	-	0.0161	-	297	-	0.71	0.12	<0.01	-	-	-	8.11	-	17.6	153	-	<1	0.13
24/10/2012	WA1	-	0.0152	-	300	-	<0.5	0.12	<0.01	-	-	-	8.35	-	19.8	150	155	<1	0.11
24/11/2012	WA1	-	0.0189	-	279	-	0.66	0.11	<0.01	-	-	-	8.12	-	16.2	150	144	<1	0.21
15/12/2012	WA1	-	0.0176	-	292	-	0.6	0.13	<0.01	-	-	-	8.06	-	18.8	155	-	<1	0.21
25/01/2013	WA1	-	0.0197	-	304	-	0.78	0.12	<0.01	-	-	-	8.07	-	19.3	152	-	<1	0.12
20/02/2013	WA1	-	0.0196	-	309	-	0.82	0.13	<0.01	-	-	-	8.22	-	20.2	154	-	<1	<0.1
20/03/2013	WA1	-	0.0154	-	305	-	0.58	0.13	<0.01	-	-	-	8.24	-	18.9	149	-	<1	0.7
17/04/2013	WA1	-	0.0179	-	295	-	0.94	0.13	<0.01	-	-	-	8.31	-	18.8	147	-	1.3	0.42
23/05/2013	WA1	-	0.0256	-	185	-	<0.5	<0.01	<0.01	-	-	-	8.17	-	8.39	97.7	-	40.7	13.5
20/06/2013	WA1	-	0.0286	-	137	-	<0.5	0.088	<0.01	-	4.76	5.98	7.95	-	4.4	211	-	1560	919
17/07/2013	WA1	-	0.0199	-	267	-	<0.5	0.11	<0.01	-	0.69	1.87	8.21	-	17.3	128	-	2.8	0.56
26/08/2013	WA1	-	0.0183	-	295	-	0.65	0.12	<0.01	-	1.26	0.64	8.36	-	19.1	147	-	1.2	0.25
25/09/2013	WA1	-	0.0173	-	293	-	<0.5	0.12	<0.01	-	1.24	1.65	8.32	-	18.8	149	-	1.1	0.27
24/10/2013	WA1	-	0.0161	-	287	-	0.51	0.12	<0.01	-	<0.5	1.34	8.24	-	19.5	150	-	<1	0.13
21/11/2013	WA1	-	0.0203	-	325	-	<0.5	0.13	<0.01	-	0.61	1.26	8.25	-	21.5	135	-	54.2	1.59
28/01/2014	WA1	-	0.0182	-	312	-	0.51	0.13	<0.01	-	<0.5	0.6	8.24	-	21.3	155	-	<1	0.26
24/04/2014	WA1	-	0.0196	-	286	-	0.72	0.12	<0.01	-	0.71	0.89	8.32	-	17	144	-	<1	0.27
15/05/2014	WA1	-	0.0209	-	230	-	0.51	0.089	<0.01	-	1.12	1.84	8.17	-	12.3	119	-	10	3.13
22/05/2014	WA1	-	0.0177	-	159	-	2.1	0.09	<0.01	-	3.96	3.97	8.01	-	12.5	101	-	73.6	29.6
30/05/2014	WA1	-	0.0481	-	197	-	0.55	0.098	<0.01	-	1.86	3.2	8.05	-	11.7	103	-	29.9	14.2
30/05/2014	WA1-DUP	-	0.0449	-	195	-	<0.5	0.099	<0.01	-	1.73	1.99	8.07	-	11.6	103	-	32.8	14.5
05/06/2014	WA1	-	0.0347	-	186	-	0.59	0.093	<0.01	-	2.1	2.2	8.05	-	8.68	96	-	31.3	16.9
12/06/2014	WA1	-	0.0311	-	200	-	0.51	0.094	<0.01	-	1.2	2.19	8.16	-	9.61	106	-	7.6	4.56
24/07/2014	WA1	-	0.0185	-	272	-	<0.5	0.11	<0.01	-	1.35	<0.5	8.19	-	15.6	151	-	<1	0.28
21/08/2014	WA1	-	0.0192	-	297	-	0.75	0.12	<0.01	-	1.66	0.91	8.34	-	18.9	151	-	<1	0.24
28/08/2014	WA1	-	0.0187	-	299	-	0.61	0.12	<0.01	-	<0.5	1.13	8.34	-	18.7	147	-	<1	0.21
05/09/2014	WA1	-	0.016	-	277	-	0.57	0.11	<0.01	-	0.9	0.83	8.23	-	16.9	151	-	<1	0.17
12/09/2014	WA1	-	0.0142	-	288	-	0.59	0.11	<0.01	-	1.15	1.22	8.24	-	17.7	168	-	<1	0.14
18/09/2014	WA1	-	0.0158	-	290	-	<0.5	0.12	<0.01	-	0.99	1.33	8.22	-	17.4	167	-	<1	0.23
31/10/2014	WA1	-	0.0152	-	296	-	<0.5	0.11	<0.01	-	0.51	<0.5	8.21	-	19.6	152	-	1	0.11
27/11/2014	WA1	-	0.0214	-	261	-	0.85	0.1	<0.01	-	2.7	5.14	8.05	-	16.2	138	-	1	0.26
18/12/2014	WA1	-	0.0189	-	281	-	1.1	0.11	<0.01	-	1.21	0.77	8.18	-	16.1	133	-	<1	0.16
22/01/2015	WA1	-	0.018	-	297	-	0.66	0.12	<0.01	-	0.77	<0.5	8.13	-	19.3	163	-	<1	0.11
26/02/2015	WA1	-	0.0187	-	301	-	<0.5	0.11	<0.01	-	0.98	0.66	8.21	-	18.1	155	151	<1	0.27
26/03/2015	WA1	-	0.019	-	276	-	<0.5	0.12	<0.01	-	1.56	1.29	8.18	-	15.7	139	141	<1	0.34
23/04/2015	WA1	-	0.0317	-	212	-	1.1	0.091	<0.01	-	5.37	5.72	8.17	-	11.5	98.4	-	10.1	1.7
14/05/2015	WA1	-	0.0186	-	232	-	<0.5	0.1	<0.01	-	2.04	1.56	8.19	-	14.2	129	-	4	1.72
21/05/2015	WA1	-	0.0206	-	206	-	0.65	0.091	<0.01	-	1.72	1.39	8.09	-	10.9	101	-	6.7	1.45
28/05/2015	WA1	-	0.0262	-	195	-	<0.5	0.084	<0.01	-	1.5	1.69	8.09	-	9.9	101	-	19.7	6.58
05/06/2015	WA1	-	0.034	-	202	-	<0.5	0.091	<0.01	-	1.95	0.98	8.06	-	10.8	102	-	9.8	3.39
11/06/2015	WA1	-	0.0219	-	225	-	<0.5	0.099	<0.01	-	0.68	1.32	8.16	-	12.8	125	-	5.2	0.63
23/07/2015	WA1	-	0.0158	-	296	-	<0.5	0.12	<0.01	-	1.18	<0.5	8.22	-	18.1	155	-	<1	0.34
20/08/2015	WA1	-	0.0187	-	315	-	0.65	0.13	<0.01	-	<0.5	<0.5	8.01	-	18.7	160	-	<1	0.14
27/08/2015	WA1	-	0.0122	-	315	-	0.93	0.12	<0.01	-	0.71	0.85	8.22	-	19	154	-	1	0.2
03/09/2015	WA1	-	0.0172	-	305	-	0.64	0.13	<0.01	-	0.56	0.66	8.3	-	18.8	161	-	<1	0.32
10/09/2015	WA1	-	0.0168	-	302	-	0.95	0.13	<0.01	-	0.66	0.62	8.31	-	18.3	161	-	<1	0.26
17/09/2015	WA1	-	0.0158	-	309	-	0.85	0.11	<0.01	-	0.59	<0.5	-	-	19.2	189	-	<1	0.31
12/05/2016	WA1	-	0.0293	-	212	-	0.59	0.1	<0.01	-	1.48	1.35	8.18	-	12.6	104	-	13.5	5.81
20/07/2018	WA1	-	-	0.0163	288	<0.5	-	0.123	<0.05	-	0.76	0.76	8.47	18	-	-	-	<3	0.22
09/11/2018	WA1	-	-	0.0129	299	<0.5	-	0.131	<0.05	-	0.67	0.77	8.38	20.6	-	-	-	<3	0.39
17/06/2019	WA1	-	-	0.0163	248	<0.5	-	0.116	<0.05	-	1.31	1.22	8.41	15.9	-	-	-	<3	0.73

Metals

Sample Date	Sample ID	Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01	0.1	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater Aquatic Life				100[#6]			5[#7]								1200			Variable[#8]						
BC WQG Working - Fresh Water Aquatic Life					9	9			1000	1000	0.13	0.13											8.9[#16]	8.9[#16]
CWQG Aquatic Life Freshwater - Long Term			100[#23]				5	5							1500	1500	Variable[#24]							
CWQG Aquatic Life Freshwater - Short Term															29000	29000	Variable[#28]							
16/05/2012	WA1	-	232	11.2	0.058	0.043	0.407	0.155	82.2	57	0.047	<0.01	<0.005	<0.005	<50	<50	0.126	0.007	28,400	26,500	-	-	0.28	<0.1
18/06/2012	WA1	-	222	14.4	0.054	0.044	0.394	0.145	80.3	51.2	0.042	<0.01	0.0064	<0.005	<50	<50	0.0881	0.0092	27,200	26,400	-	-	0.29	0.11
24/07/2012	WA1	-	32.7	8.74	0.048	0.056	0.172	0.142	74.7	72.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.008	33,300	34,600	-	-	0.19	0.22
25/08/2012	WA1	-	10.3	8.25	0.037	0.046	0.13	0.132	89.4	87.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.01	42,100	42,000	-	-	0.1	0.14
17/09/2012	WA1	-	4.04	1.6	0.034	0.036	0.123	0.117	89.2	92.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.008	43,400	44,100	-	-	<0.1	0.12
24/10/2012	WA1	-	5.95	2.2	0.037	0.041	0.136	0.132	85.3	86.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.007	42,300	44,000	-	-	<0.1	<0.1
24/11/2012	WA1	-	6.26	1.95	0.038	0.053	0.108	0.111	82	84.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	43,000	41,200	-	-	0.1	0.11
15/12/2012	WA1	-	4.62	1.26	0.039	0.038	0.127	0.136	88	89.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	42,300	43,000	-	-	<0.1	<0.1
25/01/2013	WA1	-	3.8	2.3	0.039	0.037	0.161	0.138	93.6	88.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	42,600	48,300	-	-	<0.1	<0.1
20/02/2013	WA1	-	4.03	0.92	0.036	0.038	0.12	0.128	93.6	90.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	42,500	41,600	-	-	<0.1	<0.1
20/03/2013	WA1	-	4	1.71	0.03	0.042	0.117	0.133	89.9	94.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.009	41,300	41,000	-	-	<0.1	0.1
17/04/2013	WA1	-	15.1	7.17	0.043	0.038	0.144	0.107	86.2	86.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.006	40,400	38,100	-	-	0.12	0.11
23/05/2013	WA1	-	171	11.1	0.046	0.044	0.269	0.118	70.3	54.7	0.031	<0.01	<0.005	<0.005	<50	<50	0.046	0.007	27,500	27,100	-	-	0.24	0.12
20/06/2013	WA1	-	5730	38.6	0.2	0.058	3.93	0.208	1070	50.4	1.42	<0.01	<0.025	<0.005	<250	<50	1.89	0.019	65,400	18,800	-	-	4.99	<0.1
17/07/2013	WA1	-	11.7	2.97	0.041	0.034	0.148	0.112	77.2	80.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.007	36,000	33,800	-	-	<0.1	<0.1
26/08/2013	WA1	-	7.47	5.34	0.044	0.045	0.154	0.129	95.3	93.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	40,200	39,600	-	-	<0.1	<0.1
25/09/2013	WA1	-	10.3	2.27	0.039	0.038	0.129	0.142	92.7	87.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	42,000	41,500	-	-	<0.1	<0.1
24/10/2013	WA1	-	4.14	1.68	0.039	0.04	0.126	0.15	81.7	85.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.005	42,500	41,400	-	-	<0.1	0.11
21/11/2013	WA1	-	23.1	1.2	0.044	0.048	0.148	0.15	93.8	92.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	35,500	45,700	-	-	0.11	0.14
28/01/2014	WA1	-	2.55	1.1	0.038	0.035	0.116	0.121	92.2	92.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	44,100	43,800	-	-	<0.1	<0.1
24/04/2014	WA1	-	7.76	1.53	0.052	0.052	0.161	0.128	85.2	85.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	40,300	41,700	-	-	<0.1	<0.1
15/05/2014	WA1	-	85.4	6	0.049	0.054	0.201	0.153	71.2	69.6	0.011	<0.01	<0.005	<0.005	<50	<50	0.022	0.006	33,500	31,900	-	-	0.19	0.14
22/05/2014	WA1	-	306	8.26	0.057	0.045	0.395	0.153	93.2	56.5	0.057	<0.01	0.009	<0.005	<50	<50	0.074	0.008	28,400	25,600	-	-	0.36	<0.1
30/05/2014	WA1	-	155	8.38	0.049	0.042	0.274	0.151	71.1	57.2	0.027	<0.01	0.006	<0.005	<50	<50	0.036	0.007	29,100	28,000	-	-	0.23	0.13
30/05/2014	WA1-DUP	-	152	8.11	0.056	0.046	0.277	0.146	70.8	56.5	0.034	<0.01	<0.005	<0.005	<50	<50	0.039	0.006	28,900	28,600	-	-	0.23	0.11
05/06/2014	WA1	-	137	11.6	0.07	0.037	0.238	0.145	69.3	51.3	0.029	<0.01	0.006	<0.005	<50	<50	0.039	0.007	27,500	26,200	-	-	0.42	0.12
12/06/2014	WA1	-	95.8	7.28	0.038	0.039	0.181	0.126	64.4	56.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	<0.005	30,500	27,500	-	-	0.23	0.13
24/07/2014	WA1	-	7.01	5.77	0.04	0.051	0.136	0.152	85.9	82.7	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.008	41,500	39,600	-	-	<0.1	0.18
21/08/2014	WA1	-	6.93	2.25	0.043	0.046	0.142	0.153	91.7	90.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.007	41,800	42,100	-	-	<0.1	0.11
28/08/2014	WA1	-	6.45	4.24	0.05	0.044	0.159	0.161	91.5	97.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.006	41,600	44,200	-	-	<0.1	<0.1
05/09/2014	WA1	-	6.62	2.4	0.041	0.041	0.137	0.107	89.4	89.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.007	42,900	41,800	-	-	<0.1	<0.1
12/09/2014	WA1	-	4.56	2.64	0.036	0.039	0.126	0.137	85.4	85.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	47,500	46,900	-	-	<0.1	<0.1
18/09/2014	WA1	-	4.38	4.16	0.052	0.04	0.152	0.149	91.4	89.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.006	47,100	42,300	-	-	0.12	<0.1
31/10/2014	WA1	-	4.79	1.9	0.038	0.04	0.121	0.127	89.8	96.2	<0.01	<0.01	<0.005	<0.005	16	17	0.007	0.006	41,000	41,300	-	-	<0.1	0.12
27/11/2014	WA1	-	9.38	2.38	0.042	0.037	0.126	0.12	84.7	81.3	<0.01	<0.01	<0.005	<0.005	15	14	0.0085	0.0059	38,700	37,600	-	-	<0.1	<0.1
18/12/2014	WA1	-	5.53	2.43	0.037	0.043	0.125	0.132	81.7	86.7	<0.01	<0.01	<0.005	<0.005	12	14	0.0073	0.007	37,500	38,900	-	-	<0.1	0.12
22/01/2015	WA1	-	3.13	1.58	0.038	0.038	0.134	0.124	94.7	91.7	<0.01	<0.01	<0.005	<0.005	15	14	0.007	0.005	43,800	41,700	-	-	<0.1	<0.1
26/02/2015	WA1	6000	2.8	1.42	0.033	0.042	0.11	0.117	87.7	87	<0.01	<0.01	<0.005	<0.005	15	15	0.005	0.006	42,800	41,700	-	-	0.1	<0.1
26/03/2015	WA1	5600	9.29	1.82	0.041	0.042	0.107	0.121	82.4	84.1	<0.01	<0.01	<0.005	<0.005	12	13	0.007	0.0051	39,100	39,400	-	-	<0.1	<0.1
23/04/2015	WA1	-	157	6.25	0.05	0.049	0.209	0.144	61.4	61.6	0.014	<0.01	<0.02	<0.005	<50	<10	0.0154	<0.005	27,100	28,000	-	-	<0.5	<0.1
14/05/2015	WA1	-	71.8	4.35	0.06	0.051	0.178	0.145	70.4	75.9	<0.01	<0.01	<0.005	<0.005	15	13	0.0282	0.006	35,700	33,000	-	-	0.21	<0.1
21/05/2015	WA1	-	117	6.02	0.043	0.044	0.175	0.155	63.7	56.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.011	0.005	26,600	28,600	-	-	0.22	0.13
28/05/2015	WA1	-	128	9.45	0.045	0.054	0.201	0.128	62.6	56.2	0.016	<0.01	0.005	<0.005	<10	<10	0.021	0.008	28,300	28,500	-	-	0.25	0.14
05/06/2015	WA1	-	152	6.36	0.054	0.041	0.206	0.135	65.9	61.4	0.011	<0.01	<0.02	<0.005	<50	<10	0.0154	0.0053	28,400	29,300	-	-	<0.5	<0.1
11/06/2015	WA1	-	43.9	3.04	0.081	0.046	0.172	0.143	73.5	65.3	<0.01	<0.01	<0.005	<0.005	10	10	0.0102	0.0055	35,200	32,000	-	-	0.16	<0.1
23/07/2015	WA1	-	8.65	2.77	0.044	0.039	0.173	0.15	89.5	87.5	<0.01	<0.01	<0.005	<0.005	14	15	0.0066	0.0058	43,500	40,600	-	-	<0.1	<0.1
20/08/2015	WA1	-	4.77	1.65	0.043	0.047	0.152	0.112	98	101	<0.01	<0.01	<0.005	<0.005	14	14	0.008	0.007	44,500	43,300	-	-	<0.1	0.12
27/08/2015	WA1	-	7.5	2.53	0.047	0.051	0.152	0.152	95.5	99.2	<0.01	<0.01	<0.005	<0.005	15	16	0.007	0.006	43,400	45,500	-	-	0.1	0.12
03/09/2015	WA1	-	9.16	7.02	0.046	0.044	0.129	0.151	97.3	97.2	<0.01	<0.01	<0.005	<0.005	15	16	0.008	0.016	44,800	40,900	-	-	<0.1	<0.1
10/09/2015	WA1	-	4.63	1.69	0.041	0.041	0.155	0.153	91.6	96.9	<0.01	<0.01	<0.005	<0.005	14	14	0.006	0.006	45,000	45,100	-	-	<0.1	<0.1
17/09/2015	WA1	-	423	1.9	<0.05	0.041	0.28	0.153	136	97.3	0.065	<0.01	<0.02	<0.005	<50	15	0.072	0.006	52,800	44,500	-	-	0.51	<0.1
12/05/2016	WA1	-	115	5.51	<0.05	0.037	0.182	0.133	63.7	58	0.013	<0.01	<0.02	<0.005	<50	<10	0.014	0.006	29,100	28,500	-	-	<0.5	<0.1
20/07/2018	WA1	-	11.3	2.6	<0.1	<0.1	0.13	0.15	90.4	90.8	<0.1	<0.1	<0.05	<0.05	15	15	0.0075	0.0079	40,300	40,700	<0.01	<0.01	0.14	<0.1
09/11/2018	WA1	-	5.5	1.2	<0.1	<0.1	0.15	0.1	94.1	97.8	<0.1	<0.1	<0.05	<0.05	15	14	0.0057	0.006	43,900	46,300	<0.01	<0.01	0.11	<0.1
17/06/2019	WA1	-	29.3	3	<0.1	<0.1	0.15	0.14	67.3	70.9	<0.1	<0.1	<0.05	<0.05	13	13	0.0079	0.007	34,300	37,900	<0.01	<0.01	0.14	0.11

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered) vs. Short-term (acute)	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium	Potassium (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.005	0.005	0.05	0.05	1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10	10
BC WQG Approved Short Term Maximum (Acute) - Freshwater				110			Variable	1000#9	350#9	Variable#4						Variable#4				2000					
BC WQG Working - Fresh Water Aquatic Life												870#17	870#17									Variable#4		373000#18	373000#18
CWQG Aquatic Life Freshwater - Long Term						Variable		300	300	Variable#26								0.026		73		Variable#27			
CWQG Aquatic Life Freshwater - Short Term																									
A1	14/05/2012	A1	B240844	0.288	0.022	0.865	0.4	330	4.3	0.533	0.012	2.94	2.93	10,800	10,300	19.8	1.62	<0.01	<0.01	0.373	0.445	0.858	0.282	429	395
	18/06/2012	A1	B252527	0.212	0.0195	0.683	0.203	251	5.6	0.457	0.0068	2.11	1.79	8480	8060	20.2	0.749	<0.01	<0.01	0.313	0.332	0.755	0.191	334	290
	23/07/2012	A1	B265706	0.048	0.015	0.231	0.243	64.9	7.3	0.105	0.159	2.95	2.72	10,400	9990	3.56	1.43	<0.01	<0.01	0.566	0.614	0.262	0.171	387	348
	25/08/2012	A1	B276408	0.022	0.01	0.203	0.116	25.5	6.9	0.025	0.007	3.59	3.6	11,700	11,300	2.18	1.11	<0.01	<0.01	0.601	0.663	0.111	0.108	395	383
	17/09/2012	A1	B283851	0.012	0.011	0.345	0.129	18	6.3	0.027	<0.005	5.41	3.85	11,400	12,600	1.96	1.48	<0.01	<0.01	0.591	0.652	0.127	0.112	439	429
	24/10/2012	A1	B297129	0.011	0.009	<0.05	0.05	16.1	7.7	0.016	<0.005	3.31	3.56	11,800	12,000	1.61	1.28	<0.01	<0.01	0.61	0.625	0.148	0.09	397	404
	23/11/2012	A1	B2A7294	0.015	0.009	0.45	0.157	22	7.7	0.054	0.012	3.26	3.33	12,000	12,000	1.74	1.02	<0.01	<0.01	0.593	0.633	0.158	0.143	400	403
	15/12/2012	A1	B2B4014	0.021	0.01	0.238	0.878	21.9	6.4	0.029	0.006	3.43	3.52	14,200	13,400	1.76	1.19	<0.01	<0.01	0.605	0.661	0.127	0.122	420	414
	24/01/2013	A1	B306701	0.022	0.011	0.092	0.094	26.5	4.8	0.033	<0.005	3.71	3.56	12,200	11,700	1.93	0.738	<0.01	<0.01	0.601	0.621	0.153	0.157	405	390
	24/01/2013	A1-DUP	B306701	0.021	0.01	0.097		25.3	4.9	0.029	0.008	3.68	3.77	11,900	12,500	1.9	0.825	<0.01	<0.01	0.658	0.668	0.131	0.12	403	361
	20/02/2013	A1	B314188	0.027	0.008	0.184	0.662	32.7	5.6	0.046	0.01	3.85	3.63	12,800	12,600	2.17	0.719	<0.01	<0.01	0.647	0.594	0.134	0.059	385	378
	20/03/2013	A1	B322778	0.02	0.011	0.301	0.124	27.7	5.2	0.032	0.005	4.01	3.84	13,100	13,000	1.72	0.946	<0.01	<0.01	0.665	0.611	0.108	0.095	429	435
	17/04/2013	A1	B330896	0.052	0.009	0.344	0.13	75.8	4.3	0.09	<0.005	4.04	4.15	13,300	13,300	4.67	1.1	<0.01	<0.01	0.624	0.724	0.226	0.114	438	435
	23/05/2013	A1	B341817	0.501	0.03	1.21	0.248	497	10.8	0.872	0.009	2.28	2.04	9330	8260	40.4	1.22	<0.01	<0.01	0.246	0.353	1.37	0.24	410	350
	20/06/2013	A1	B351922	6.09	0.057	10.3	0.459	4650	36.4	10.2	0.026	5.8	2.06	15,600	7000	519	4.36	<0.01	<0.01	0.164	0.416	13.4	0.472	1110	730
	17/07/2013	A1	B361290	0.016	0.023	0.14	0.206	5.5	20.5	<0.005	0.03	3.24	3.23	10,700	11,200	1.06	2.02	<0.01	<0.01	0.61	0.663	0.134	0.187	368	393
	26/08/2013	A1	B376191	0.019	0.013	0.192	0.148	15	5.6	0.019	<0.005	3.93	4.13	12,700	12,700	2	1.32	<0.01	<0.01	0.621	0.575	0.161	0.168	420	434
	25/09/2013	A1	B387669	0.009	0.013	0.093	0.122	15.7	7.7	0.013	0.005	3.74	3.65	12,100	11,300	1.61	1.28	<0.01	<0.01	0.649	0.629	0.142	0.138	455	399
	24/10/2013	A1	B399472	0.01	0.02	0.051	0.101	11.3	4.7	0.008	0.005	3.47	3.58	12,700	12,200	1.36	1.04	<0.002	<0.002	0.627	0.644	0.103	0.136	409	451
	20/11/2013	A1	B3A8665	0.016	0.013	0.17	0.244	11.4	9.1	0.023	0.009	4.31	4.03	13,700	14,600	2.09	1.79	<0.01	<0.002	0.693	0.697	0.368	0.115	477	505
	22/12/2013	A1	B3B7782	0.018	0.015	0.285	0.105	17	3.7	0.044	<0.005	4.1	4.21	12,400	12,200	1.36	0.726	<0.002	<0.002	0.749	0.674	0.097	0.106	396	403
	22/12/2013	A1-DUP	B3B7782	0.017	0.012	0.152		16.9	5.7	0.018	<0.005	4.12	4.11	12,600	12,400	1.31	0.804	<0.002	<0.002	0.672	0.675	0.098	0.083	413	399
	28/01/2014	A1	B407313	0.012	0.006	0.187	0.112	15.8	8.1	0.016	<0.005	3.85	3.85	12,700	12,500	1.35	0.922	<0.002	<0.002	0.668	0.685	0.221	0.111	425	412
	28/01/2014	A1-DUP	B407313	0.015	0.006	0.151		20.8	7	0.018	<0.005	3.75	3.8	12,800	12,400	1.79	1.04	<0.002	<0.002	0.64	0.675	0.138	0.104	417	415
	27/02/2014	A1	B416171	0.015	0.009	0.369	0.202	15.6	4.8	0.018	<0.005	4	4.03	12,900	13,100	1.11	0.773	<0.002	<0.002	0.64	0.653	0.11	0.097	403	408
	27/03/2014	A1	B424928	0.01	0.011	0.148	0.119	10.9	4.4	0.006	<0.005	3.97	4.35	13,300	13,400	1.04	0.795	0.0059	<0.002	0.629	0.692	0.1	0.104	429	428
	24/04/2014	A1	B432952	0.046	0.014	0.465	1.73	71.1	8.8	0.068	0.01	4.42	4.13	13,500	13,400	4.26	1.36	<0.002	<0.002	0.683	0.72	0.245	0.179	488	499
	15/05/2014	A1	B439804	0.166	0.023	0.812	0.433	293	5.7	0.317	0.006	4.1	3.47	12,500	12,700	11.8	1.39	<0.002	0.0025	0.606	0.587	0.691	0.253	431	416
	22/05/2014	A1	B442060	0.423	0.028	1.15	0.428	559	5.9	0.845	0.013	3.02	2.63	9990	9540	31.6	1.2	<0.002	<0.002	0.296	0.401	1.27	0.274	420	378
	29/05/2014	A1	B444272	0.168	0.017	0.471	0.259	214	6.6	0.29	0.009	2.45	2.23	9420	9420	11.6	0.819	<0.002	<0.002	0.34	0.432	0.584	0.23	356	352
	05/06/2014	A1	B446972	0.124	0.014	0.4	0.214	129	7	0.205	0.015	2.24	2.32	9510	8420	10	0.694	<0.002	<0.002	0.367	0.38	0.469	0.178	391	310
	12/06/2014	A1	B449500	0.082	0.017	0.379	0.162	146	29.8	0.151	0.011	2.23	2.44	9010	9130	5.86	1	<0.002	<0.002	0.391	0.471	0.375	0.187	330	330
	24/07/2014	A1	B464009	0.024	0.015	0.187	0.165	28.6	7.1	0.039	0.02	3.42	3.36	12,300	11,500	2.2	1.26	0.0029	<0.002	0.627	0.641	0.184	0.222	422	388
	21/08/2014	A1	B474408	0.02	0.015	0.195	0.202	24.3	7.7	0.016	0.012	3.7	3.83	12,200	12,300	2.04	1.34	0.0028	<0.002	0.624	0.679	0.197	0.22	384	410
	28/08/2014	A1	B476541	0.018	0.011	0.146	0.129	20.5	7	0.015	<0.005	3.56	3.61	11,500	12,600	1.86	1.25	0.0042	0.0026	0.563	0.632	0.186	0.174	378	401
	05/09/2014	A1	B479164	0.023	0.015	0.18	0.176	22.4	6.2	0.025	0.021	3.34	3.67	11,700	11,800	1.98	1.13	0.0053	0.0027	0.631	0.612	0.145	0.122	400	412
	12/09/2014	A1	B481292	0.018	0.011	0.166	0.23	21.7	5.2	0.028	0.013	3.42	3.43	14,100	12,700	1.58	0.996	0.0073	<0.002	0.599	0.61	0.154	0.108	442	400
	18/09/2014	A1	B483962	0.019	0.012	0.14	0.141	21	7.1	0.017	<0.005	3.19	2.93	12,300	12,000	1.78	1.07	0.006	<0.002	0.592	0.638	0.138	0.125	404	384
	30/10/2014	A1	B499587	0.012	0.01	0.08	0.12	11.4	8.2	0.006	<0.005	3.36	3.76	12,300	12,900	1.18	0.981	<0.002	<0.002	0.607	0.619	0.084	0.155	395	423
	28/11/2014	A1	B4A9093	0.0429	0.0214	0.235	0.507	76.2	11.2	0.0975	0.0325	3.45	4.04	12,000	11,900	4.3	1.29	0.0044	<0.002	0.591	0.629	0.231	0.31	458	447
	18/12/2014	A1	B4B5326	0.012	0.009	0.116	8.34	12	6.3	0.0095	0.251	3.51	3.53	11,500	13,600	1.07	0.807	<0.002	<0.002	0.622	0.649	0.221	0.244	358	381
	22/01/2015	A1	B505986	0.024	0.008	0.15	0.106	34.6	3.2	0.038	<0.005	3.94	3.94	14,100	13,800	2.3	0.673	<0.002	<0.002	0.666	0.686	0.142	0.09	418	391
	27/02/2015	A1	B516449	0.0093	0.01	0.141	0.144	9.3	5.3	<0.005	<0.005	4.21	4.02	12,800	13,200	0.863	0.719	<0.002	<0.002	0.679	0.65	0.103	0.085	394	391
	26/03/2015	A1	B525184	0.0168	0.0125	0.165	0.199	22.4	6.5	0.0224	<0.005	4.2	4.25	12,700	13,700	1.56	0.806	<0.002	<0.002	0.625	0.661	0.131	0.119	433	441
	26/03/2015	A1-DUP	B525184	0.0222	0.0109	0.131		24.4	6	0.0181	<0.005	4.02	4.16	13,000	13,300	1.72	0.991	<0.002	<0.002	0.648	0.66	0.127	0.147	434	440
	23/04/2015	A1	B533584	0.188	0.0205	0.72	0.129	339	4.7	0.311	<0.005	3.22	2.99	11,400	10,500	11.6	1.38	<0.002	<0.002	0.501	0.534	0.66	0.174	460	359
	15/05/2015	A1	B540628	0.0487	0.0123	0.206	0.115	99.5	4.8	0.0847	0.0068	2.97	2.78	11,400	12,100	3.12	0.863	<0.002	<0.002	0.567	0.617	0.298	0.173	354	360
	21/05/2015	A1	B542667	0.069	0.015	0.242	0.15	165	3.9	0.098	<0.005	2.86	2.5	11,000	10,200	3.53	0.656	<0.002	<0.002	0.475	0.45	0.32	0.157	351	312
	28/05/2015	A1	B545872	0.131	0.014	0.373	0.104	213	4.3	0.303	<0.005	2.41	2.33	9220	9430	9.17	0.658	<0.002	<0.002	0.395	0.426	0.54	0.256	329	306
	04/06/2015	A1	B547761	0.211	0.0162	0.78	0.161	397	9.2	0.343	<0.005	1.68	1.99	9070	8490	12	0.721	<0.002	<0.002	0.399	0.383	0.86	0.272	390	268
	11/06/2015	A1	B549906	0.0516	0.0177	0.221	0.152	110	30.7	0.0927	0.0059	2.45	2.01	10,100	10,500	3.97	1.26	<0.002	<0.002	0.509	0.485	0.295	0.36	338	328
	23/07/2015	A1	B563471	0.0181	0.0091	0.103	0.05	25.2	10.8	0.0108	<0.005	3.18	2.94	12,000	11,900	1.59	1.17	<0.002	<0.002	0.648	0.599	0.122	0.098	404	378
	20/08/2015	A1	B572515	0.014	0.011	0.121	0.139	13.6	5.3	0.008	<0.005	4.77	4.18	12,700	12,800	1.54	1.1	<0.002	<0.002	0.672	0.672	0.191	0.104	432	431
	27/08/2015	A1	B575103	0.028	0.012	0.205	2.59	51.8	6.6	0.044	0.007	3.54	3.98	11,800	12,400	2.5	1.15	<0.002	<0.002	0.708	0.674	0.16	0.176	413	411
	03/09/2015	A1	B577658	0.102	0.01	0.258	0.09	202	5.4	0.115	<0.005	3.92	3.51	12,900	12,100	5.71	0.96	<0.002	<0.002	0.656	0.666	0.353	0.101	443	398
	10/09/2015	A1	B579637	0.015	0.01	0.127	0.114	24.3	4.9	0.012	0.005	3.86	4.38	12,600	12,700	1.7	1.06	<0.002	<0.002	0.604	0.664	0.118	0.102	435	424
	17/09/2015	A1	B582068	0.014	0.01	0.106	0.099	16.1	6.3	0.008	<0.005	3.69	4.15	13,000	12,000	1.67	1.27	<0.002	<0.002	0.644	0.671	0.097	0.08	425	420
	12/05/2016	A1	B637198	0.038	0.012	0.34	0.121	59.2	2.9	0.056	<0.005	2.54	2.52	9330	9550	2.43	0.55	<0.002	<0.002	0.478	0.459	0.21	0.122	310	285
	20/07/2018	A1	L2133661	<0.1	<0.1	<0.5	0.2	18	<10	<0.05	<0.05	3.2	3.2	11,900	11,000	1.83	1.18	<0.005	<0.005	0.635	0.61	<0.5	<0.5	357	371
	09/11/2018	A1	L2195291	<0.1	<0.1	<0.5	0.2	29	<10	<0.05	<0.05	3.8	4	12,900	14,400	2.51	1.39	<0.005	<0.005	0.627	0.665	<0.5	<0.5	386	404
	04/03/2019	A1	L2240838	<0.1	<0.1	<0.5	0.33	27	<10	<0.05	<0.05	4	4.1	12,900	13,600	1.49	0.69	<0.005	<0.005	0.642	0.632	<0.5	<0.5	405	414
	04/03/2019	A1-DUP	L2240838	<0.1	<0.1	<0.5		14	<10	<0.05	<0.05	4.1	4.1	13,100	13,700	1.06	0.71	<0.005	<0.005	0.673	0.683	<0.5	<0.5	411	627
	18/06/2019	A1	L2295044	<0.1	<0.1	<0.5	0.2	35	<10	<0.05	<0.05	2.7	2.8	10,400	9780	2.66	0.76	<0.005	<0.005	0.516	0.526	<0.5	<0.5	294	313
A2	15/05/2012	A2	B240844	0.263	0.023	0.74	0.248	298	4.8	0.504	0.008	1.97	1.92	9440	9030	17.6	1.05	<0.01	<0.01	0.3	0.332	0.839	0.224	351	318
	18/06/2012	A2	B252527	0.254	0.02	0.657	0.226	270	5.8	0.554	0.0126	1.64	1.45	7710	7230	19.9	0.575	<0.01	<0.01	0.256	0.259	0.719	0.171	280	250
	24/07/2012	A2	B265706	0.046	0.021	0.259	0.354	55.2	18.5	0.297	0.819	2.07	2.01	9230	9060	2.71	1.28	<0.01	<0.01	0.625	0.543	0.273	0.324	308	298
	25/08/2012	A2	B276408	0.019	0.011	0.175	0.196	19.8	9.2	0.022	0.012	2.35	2.29	10,900	10,600	1.72	2.06	<0.01	<0.01	0.509	0.568	0.088	0.096	325	309
	17/09/2012	A2	B283851	0.016	0.01	0.469	0.357	37.5	11.1	0.015	0.005	2.99	2.56	11,400	11,700	2.17	1.84	<0.01	<0.01	0.501	0.566	0.145	0.136	366	330
	24/10/2012	A2	B297129	0.011	0.014	0.073	0.05	15.8	29	0.013	0.032	2.39	2.47	11,100	11,300	2.3	2.46	<0.01	<0.01	0.53	0.525	0.098	0.1	320	324
	24/10/2012	A2-DUP	B297129	0.009	0.008	0.051		16.6	11.9	0.011	0.006	2.48	2.34	11,200	11,200	2.21	2.16	<0.01	<0.01	0.518	0.546	0.109	0.107	316	319
	24/11/2012	A2	B2A7294	0.08	0.012	0.502	0.344	108	13	0.223	0.054	2.48	2.47	11,700	11,500	8.67	1.64	<0.01	<0.01	0.489	0.564	0.415	0.222	357	336
	15/12/2012	A2	B2B4014	0.008	0.009	0.14	0.121	13.8	10.4	0.009	0.006	2.4	2.44	12,400	12,600	1.79	1.64	<0.01	<0.01	0.588	0.586	0.107	0.098	322	327
	25/01/2013	A2	B306701	0.012	0.008	<0.05	0.077	12.4	7	<0.005	<0.005	2.57	2.37	11,500	12,300	1.77	1.55	<0.01	<0.01	0.526	0.474	0.217	0.082	322	317
	20/02/2013	A2	B314188	0.01	0.011	0.091	0.265	14.6	9.4	0.007	0.009	2.56	2.33	12,100	11,800	1.98	1.76	<0.01	<0.01	0.516	0.528	0.078	0.035	314	297
	20/03/2013	A2	B322778	0.013	0.013	0.071	0.161	11.8	7.4	0.006	0.006	2.69	2.71	12,300	12,300	1.71	1.72	<0.01	<0.01	0.47	0.559	0.069	0.061	339	336
	17/04/2013	A2	B330896	0.02	0.009	0.144	0.081	25.4	7.5	0.024	<0.005	2.58	2.76	12,000	12,400	2.25	1.59	<0.01	<0.01	0.51	0.549	0.138	0.083	325	342
	23/05/2013	A2	B341817	0.453	0.024	1.11	0.23	429	11.9	0.98	0.007	1.75	1.44	8550	7710	37.4	1.09	<0.01	<0.01	0.218	0.279	1.52	0.376	330	293
	20/06/2013	A2	B351922	5.11	0.068	8.39	0.339	3650	45.8	8.54	0.031	4.52	1.09	13,000	6220	453	4.15	<0.01	<0.01	0.133	0.316	11.1	0.355	804	535
	17/07/2013	A2	B361290	0.014	0.022	0.171	0.151	5.2	14.8	<0.005	0.028	2.16	2.16	9520	9710	0.794	1.47	<0.01	<0.01	0.531	0.518	0.122	0.217	277	296
	26/08/2013	A2	B376191	0.019	0.017	0.339	0.25	15.2	8.4	0.017	0.027	2.52	2.55	11,300	12,000	1.93	1.69	<0.01	<0.01	0.569	0.551	0.128	0.15	343	374
	25/09/2013	A2	B387669	0.01	0.008	0.089	0.127	17.5	8.6	0.021	0.009	2.65	2.43	11,000	11,000	1.8	1.58	<0.01	<0.01	0.547	0.536	0.13	0.14	363	352
	24/10/2013	A2	B399472	0.008	0.015	0.105	0.079	12.9	8.4	0.012	0.006	2.26	2.25	11,400	12,100	1.54	1.5	<0.002	0.0039	0.616	0.614	0.129	0.175	292	341
	20/11/2013	A2	B3A8665	0.098	0.016	0.327	0.104	123	6.8	0.195	0.01	2.42	2.85	12,500	13,100	8.64	2.24	<0.01	<0.002	0.446	0.644	0.341	0.14	356	337
	22/12/2013	A2	B3B7782	0.015	0.007	0.099	0.1	18.4	5.9	0.012	<0.005	2.74	2.47	11,600	11,200	1.64	1.34	<0.002	<0.002	0.55	0.593	0.13	0.123	327	293
	28/01/2014	A2	B407313	0.013	0.007	0.216	0.187	21.4	7	0.014	<0.005	2.39	2.28	11,400	11,600	2.16	1.47	<0.002	<0.002	0.516	0.562	0.134	0.075	306	314
	26/02/2014	A2	B416171	0.013	0.009	0.572	0.097	13.1	4.4	0.011	0.012	2.98	2.85	12,600	12,300	1.13	0.833	<0.002	<0.002	0.505	0.527	0.09	0.086	339	327
	27/03/2014	A2	B424928	0.009	0.01	0.121	0.177	12.2	6.2	0.006	<0.005	2.39	2.68	12,000	12,200	0.927	0.8	0.0107	<0.002	0.552	0.531	0.137	0.061	325	323
	24/04/2014	A2	B432952	0.021	0.012	0.197	0.531	25.9	5.7	0.024	<0.005	2.64	2.53	12,300	12,100	1.64	0.954	<0.002	0.0055	0.494	0.493	0.136	0.124	336	339
	15/05/2014	A2	B439804	0.24	0.02	0.744	0.288	385	8.2	0.481	0.009	3.11	2.32	11,600	11,800	14.3	0.989	<0.002	<0.002	0.43	0.515	0.827	0.21	347	318
	22/05/2014	A2	B442060	0.529	0.025	1.47	0.243	595	6.2	1.04	0.016	2.3	1.89	9160	8730	38.5	1.13	<0.002	<0.002	0.243	0.329	1.62	0.228	367	321
	29/05/2014	A2	B444272	0.169	0.017	0.465	0.226	225	6.3	0.334	0.032	1.87	1.59	9040	8530	11.5	0.542	<0.002	<0.002	0.263	0.317	0.536	0.2	308	287
	05/06/2014	A2	B446972	0.122	0.013	0.365	0.206	137	5.8	0.236	<0.005	1.6	1.48	7900	7930	9.98	0.515	<0.002	<0.002	0.298	0.315	0.436	0.187	292	267
	05/06/2014	A2-DUP	B446972	0.133	0.017	0.364		156	5	0.251	0.009	1.72	1.5	8150	7500	9.63	0.455	<0.002	<0.002	0.296	0.329	0.6	0.184	303	243
	12/06/2014	A2	B449500	0.096	0.015	0.329	0.129	156	4.5	0.178	0.006	1.71	1.48	8460	8340	6.53	0.837	<0.002	<0.002	0.398	0.397	0.397	0.195	298	279
	24/07/2014	A2	B464009	0.028	0.012	0.521	0.164	28.4	5.7	0.056	0.01	2.37	2.24	11,300	11,000	2.14	1.15	0.0033	0.0027	0.526	0.569	0.282	0.267	363	326
	21/08/2014	A2	B474408	0.024	0.011	0.254	0.117	21.8	7.3	0.022	<0.005	2.48	2.33	11,300	11,400	2.16	1.61	0.0032	0.0033	0.595	0.572	0.176	0.207	319	326
	28/08/2014	A2	B476541	0.019	0.01	0.212	0.554	31.5	10.8	0.026	0.019	2.42	2.6	11,000	10,900	2.13	1.53	<0.002	0.0033	0.518	0.529	0.146	0.168	314	315
	05/09/2014	A2	B479164	0.023	0.014	0.158	0.138	22	6.6	0.024	<0.005	2.22	2.29	10,600	10,600	2.06	1.35	0.0068	<0.002	0.606	0.535	0.16	0.189	312	317
	12/09/2014	A2	B481292	0.017	0.013	0.113	0.095	27.9	6.2	0.031	<0.005	2.29	2.2	11,700	11,700	1.87	1.36	0.0046	<0.002	0.535	0.572	0.152	0.127	334	326
	18/09/2014	A2	B483962	0.016	0.011	0.177	0.213	17.6	8.3	0.013	<0.005	2.13	2.07	11,700	10,900	1.84	1.43	0.0041	0.0053	0.567	0.573	0.134	0.129	333	323
	30/10/2014	A2	B499587	0.012	0.009	0.106	0.082	11.8	7.6	0.009	<0.005	2.24	2.4	11,500	12,100	1.67	1.73	<0.002	<0.002	0.542	0.572	0.099	0.096	306	336
	27/11/2014	A2	B4A9093	0.0121	0.0086	2.3	0.404	17.6	7	0.016	0.0104	2.4	2.48	11,400	11,700	1.57	1.31	<0.002	<0.002	0.582	0.571	0.108	0.113	362	359
	18/12/2014	A2	B4B5326	0.0107	0.005	0.16	0.196	11.1	3.9	0.0078	0.011	2.34	1.97	10,500	12,200	0.999	0.799	<0.002	<0.002	0.493	0.56	0.341	0.198	281	315
	18/12/2014	A2-DUP	B4B5326	0.0142	0.007	0.13		13	3.2	0.0152	<0.005	2.23	2.28	10,600	12,400	1.02	0.76	<0.002	<0.002	0.52	0.54	0.474	0.177	283	302
	22/01/2015	A2	B505986	0.008	0.006	0.066	0.102	6.9	4.3	0.005	<0.005	2.62	2.78	13,000	12,800	0.765	0.632	0.0031	0.0034	0.574	0.565	0.099	0.082	309	308
	27/02/2015	A2	B516449	0.0087	0.008	0.085	0.093	6.4	4.8	<0.005	<0.005	3.38	2.74	12,000	12,600	0.701	0.583	<0.002	<0.002	0.552	0.545	0.081	0.084	298	297
	26/03/2015	A2	B525184	0.0101	0.0093	0.112	0.166	11.4	3.7	0.0113	<0.005	2.66	2.98	11,700	12,300	0.854	0.635	<0.01	<0.002	0.533	0.542	0.095	0.358	326	324
	23/04/2015	A2	B533584	0.131	0.0185	0.69	0.127	259	2.8	0.261	<0.005	2.11	2.2	9660	9690	7.2	0.773	<0.002	<0.002	0.411	0.454	0.54	0.177	360	306
	15/05/2015	A2	B540628	0.0331	0.0144	0.151	0.2	56	7	0.0424	0.0097	2.6	2.11	10,700	11,300	1.7	0.782	<0.002	<0.002	0.497	0.511	0.248	0.209	301	300
	21/05/2015	A2	B542667	0.126	0.012	0.254	0.27	141	2.9	0.099	<0.005	2.28	1.98	9920	8690	3.3	0.497	<0.002	<0.002	0.432	0.347	0.349	0.142	310	250
	21/05/2015	A2-DUP	B542667	0.063	0.019	0.222		161	12.1	0.108	0.018	2.35	2	10,200	9760	4.53	1.28	<0.002	<0.002	0.441	0.44	0.359	0.257	317	292
	28/05/2015	A2	B545872	0.309	0.013	0.294	0.509	236	3.9	0.276	0.023	1.9	1.48	8790	8840	14.1	0.603	<0.002	<0.002	0.319	0.373	0.67	0.186	276	282
	04/06/2015	A2	B547761	0.154	0.0146	0.8	0.171	310	5.5	0.294	0.008	0.99	1.31	8460	8420	9.18	0.488	<0.002	<0.002	0.363	0.321	0.8	0.256	330	256
	11/06/2015	A2	B549906	0.0658	0.0095	0.212	0.128	161	3	0.106	<0.005	1.92	1.18	9020	8630	3.83	0.679	<0.002	<0.002	0.418	0.423	0.506	0.305	291	245
	23/07/2015	A2	B563471	0.013	0.0091	0.079	0.05	22.6	6	0.0082	<0.005	2.29	1.82	11,100	10,400	1.85	1.51	<0.002	<0.002	0.57	0.509	0.121	0.093	319	285
	20/08/2015	A2	B572515	0.013	0.01	0.101	0.261	16.1	11.4	0.006	<0.005	2.92	2.66	11,500	11,700	2.57	2.27	<0.002	<0.002	0.581	0.551	0.114	0.103	333	330
	27/08/2015	A2	B575103	0.012	0.011	0.112	0.135	19.2	8.1	0.009	<0.005	2.58	2.37	11,000	11,500	2.54	2.23	<0.002	<0.002	0.658	0.563	0.135	0.108	309	316
	03/09/2015	A2	B577658	0.021	0.008	0.067	0.05	35.6	9.4	0.012	<0.005	2.72	2.54	11,500	11,300	2.7	2.1	<0.002	<0.002	0.571	0.536	0.095	0.1	312	321
	10/09/2015	A2	B579637	0.02	0.01	0.287	0.115	36.9	6.3	0.02	<0.005	2.84	3.2	11,700	11,800	2.51	1.83	<0.002	<0.002	0.589	0.595	0.149	0.09	344	328
	17/09/2015	A2	B582068	0.014	0.009	0.129	0.092	16.9	7.7	0.01	<0.005	2.6	2.61	11,600	11,100	2.4	2.06	<0.002	<0.002	0.58	0.591	0.095	0.079	347	329
	12/05/2016	A2	B637198	0.033	0.012	0.36	0.103	52.5	2.7	0.057	<0.005	2.2	2.12	8970	9290	2.45	0.507	<0.002	<0.002	0.426	0.43	0.2	0.14	290	284
	20/07/2018	A2	L2133661	<0.1	<0.1	<0.5	0.2	18	<10	<0.05	<0.05	2.3	2.3	11,600	10,600	2.08	1.65	<0.005	<0.005	0.538	0.512	<0.5	<0.5	311	314
	09/11/2018	A2	L2195291	<0.1	<0.1	<0.5	0.2	14	<10	<0.05	<0.05	2.8	2.9	12,100	13,700	2.7	2.61	<0.005	<0.005	0.585	0.554	<0.5	<0.5	319	348
	05/03/2019	A2	L2240838	<0.1	<0.1	<0.5	0.2	18	<10	<0.05	<0.05	2.8	2.8	13,200	11,700	1.35	0.77	<0.005	<0.005	0.537	0.507	<0.5	<0.5	349	312
	17/06/2019	A2	L2295044	<0.1	<0.1	<0.5	0.2	25	<10	<0.05	<0.05	2	2	9790	9050	1.54	1.04	<0.005	<0.005	0.435	0.456	<0.5	<0.5	252	281

Metals (continued)

Location Code	Sample Date	Sample ID	Rubidium	Rubidium (Filtered)	Selenium	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.2	0.2	0.04	0.04	50	50	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1	0.1	0.06	0.06
BC WQG Approved Short Term Maximum (Acute) - Freshwater					2				Variable																						Variable#4			
BC WQG Working - Fresh Water Aquatic Life																	0.8#19	0.8#19					2000#20	2000#20			8.5	8.5						
CWQG Aquatic Life Freshwater - Long Term					1				0.25	0.25							0.8	0.8									15	15				Variable		
CWQG Aquatic Life Freshwater - Short Term																											33	33				Variable		
A1	14/05/2012	A1	-	-	0.4	0.404	2170	1960	0.007	<0.005	1430	1430	100	98.4	-	-	0.013	0.003	-	-	<0.2	<0.2	2.22	<0.5	-	-	0.403	0.354	0.49	<0.2	3.69	0.66	<0.1	<0.1
	18/06/2012	A1	-	-	0.286	0.285	1920	1900	0.0056	<0.005	751	756	68	65.8	-	-	0.0101	0.0022	-	-	<0.2	<0.2	2.3	<0.5	-	-	0.306	0.281	0.43	<0.2	3.08	0.5	<0.1	<0.1
	23/07/2012	A1	-	-	0.417	0.413	1920	1890	<0.005	<0.005	1240	1180	90.4	93.7	-	-	0.004	0.002	-	-	<0.2	<0.2	0.56	<0.5	-	-	0.458	0.429	0.24	<0.2	0.81	0.85	<0.1	<0.1
	25/08/2012	A1	-	-	0.562	0.432	2180	2160	<0.005	<0.005	1570	1540	106	106	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.527	0.533	<0.2	<0.2	0.32	0.2	<0.1	<0.1
	17/09/2012	A1	-	-	0.522	0.587	2220	2220	<0.005	<0.005	1570	1720	99.4	117	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.538	0.555	<0.2	<0.2	1.14	0.89	<0.1	<0.1
	24/10/2012	A1	-	-	0.495	0.566	2130	2150	<0.005	<0.005	1540	1560	110	115	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.553	0.56	<0.2	<0.2	0.55	0.2	<0.1	<0.1
	23/11/2012	A1	-	-	0.468	0.448	2250	2300	<0.005	<0.005	1730	1540	105	108	-	-	0.002	0.002	-	-	<0.2	0.33	<0.5	<0.5	-	-	0.514	0.531	<0.2	<0.2	20.5	0.64	<0.1	<0.1
	15/12/2012	A1	-	-	0.662	0.675	2250	2260	<0.005	<0.005	1880	1780	113	117	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.576	0.582	<0.2	<0.2	0.51	0.26	<0.1	<0.1
	24/01/2013	A1	-	-	0.517	0.643	2190	1800	<0.005	<0.005	1720	1650	118	118	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.575	0.551	<0.2	<0.2	1.34	0.23	<0.1	<0.1
	24/01/2013	A1-DUP	-	-	0.463	0.568	2130	2220	<0.005	<0.005	1660	1700	116	114	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.573	0.559	<0.2	<0.2	0.87	0.33	<0.1	<0.1
	20/02/2013	A1	-	-	0.681	0.642	2210	2030	<0.005	<0.005	1830	1810	129	127	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.576	0.556	<0.2	<0.2	0.55	0.16	<0.1	<0.1
	20/03/2013	A1	-	-	0.621	0.581	1960	1990	<0.005	<0.005	1820	1830	124	124	-	-	0.002	<0.002	-	-	0.21	<0.2	<0.5	<0.5	-	-	0.597	0.658	<0.2	<0.2	0.33	1.15	<0.1	<0.1
	17/04/2013	A1	-	-	0.694	0.777	2000	1890	<0.005	<0.005	1890	1880	130	138	-	-	0.002	<0.002	-	-	0.25	<0.2	<0.5	<0.5	-	-	0.611	0.628	<0.2	<0.2	0.9	0.28	<0.1	<0.1
	23/05/2013	A1	-	-	0.281	0.306	1970	1740	0.005	<0.005	940	927	78.7	75.3	-	-	0.014	<0.002	-	-	<0.2	<0.2	2.41	<0.5	-	-	0.371	0.305	0.84	<0.2	5.33	0.33	<0.1	<0.1
	20/06/2013	A1	-	-	0.315	0.255	4370	1730	0.007	<0.005	1320	1160	117	67.9	-	-	0.053	0.002	-	-	<0.2	<0.2	4.09	<0.5	-	-	0.85	0.238	6.13	0.39	46.7	1.29	0.43	0.15
	17/07/2013	A1	-	-	0.598	0.549	2260	1930	<0.005	<0.005	1460	1520	99.8	104	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.491	0.497	<0.2	<0.2	0.44	0.8	<0.1	<0.1
	26/08/2013	A1	-	-	0.497	0.526	2300	2460	<0.005	<0.005	1750	1780	115	115	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.536	0.546	<0.2	<0.2	0.95	0.6	<0.1	<0.1
	25/09/2013	A1	-	-	0.498	0.654	2040	2330	<0.005	<0.005	1690	1550	118	103	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.467	0.507	<0.2	<0.2	0.3	0.38	<0.1	<0.1
	24/10/2013	A1	-	-	0.57	0.601	2170	2010	<0.005	<0.005	1630	1620	107	117	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.558	0.573	<0.2	<0.2	0.32	0.28	<0.1	<0.1
	20/11/2013	A1	-	-	0.617	0.657	2010	2410	<0.005	<0.005	2010	2080	123	134	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.568	0.577	<0.2	<0.2	1.17	0.83	<0.1	<0.1
	22/12/2013	A1	-	-	0.611	0.669	2210	2270	<0.005	<0.005	1770	1680	129	124	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.581	0.563	<0.2	<0.2	0.25	0.2	<0.1	<0.1
	22/12/2013	A1-DUP	-	-	0.64	0.604	2160	2220	<0.005	<0.005	1690	1670	129	125	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.589	0.561	<0.2	<0.2	0.29	0.17	<0.1	<0.1
	28/01/2014	A1	-	-	0.576	0.632	2370	2490	<0.005	<0.005	1840	1850	134	135	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.59	0.58	<0.2	<0.2	0.53	0.23	<0.1	<0.1
	28/01/2014	A1-DUP	-	-	0.61	0.588	2350	2300	<0.005	<0.005	1880	1850	129	126	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.577	0.593	<0.2	<0.2	0.28	0.27	<0.1	<0.1
	27/02/2014	A1	-	-	0.639	0.585	2270	2180	0.005	<0.005	1870	1890	127	127	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.57	0.574	<0.2	<0.2	0.34	0.28	<0.1	<0.1
	27/03/2014	A1	-	-	0.682	0.67	2190	2220	<0.005	<0.005	2090	2040	127	137	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.589	0.597	<0.2	<0.2	0.2	0.31	<0.1	<0.1
	24/04/2014	A1	-	-	0.658	0.66	2480	2640	<0.005	<0.005	2500	2530	141	139	-	-	0.003	<0.002	-	-	<0.2	<0.2	0.52	<0.5	-	-	0.573	0.6	<0.2	<0.2	0.71	1.89	<0.1	<0.1
	15/05/2014	A1	-	-	0.562	0.603	2290	2250	<0.005	<0.005	2130	2000	124	126	-	-	0.007	0.002	-	-	<0.2	<0.2	1.99	<0.5	-	-	0.531	0.502	0.45	<0.2	2.77	0.28	0.14	<0.1
	22/05/2014	A1	-	-	0.399	0.389	2270	1920	0.005	<0.005	1190	1140	89.4	87.3	-	-	0.012	<0.002	-	-	<0.2	<0.2	2.35	<0.5	-	-	0.431	0.371	0.75	<0.2	5.17	0.52	<0.1	<0.1
	29/05/2014	A1	-	-	0.333	0.335	1990	1840	<0.005	<0.005	1080	1060	86.3	82.5	-	-	0.005	<0.002	-	-	<0.2	<0.2	1.37	<0.5	-	-	0.367	0.34	0.3	<0.2	1.94	0.98	0.1	<0.1
	05/06/2014	A1	-	-	0.309	0.367	1990	1730	<0.005	<0.005	1090	958	77.4	77.7	-	-	0.005	<0.002	-	-	<0.2	<0.2	2.42	<0.5	-	-	0.338	0.338	0.42	<0.2	1.73	0.42	0.15	<0.1
	12/06/2014	A1	-	-	0.35	0.447	1990	1940	<0.005	<0.005	928	1030	81.4	86.9	-	-	0.002	0.008	-	-	<0.2	<0.2	1.63	<0.5	-	-	0.367	0.373	0.36	<0.2	1.32	1.04	<0.1	<0.1
	24/07/2014	A1	-	-	0.424	0.444	2210	2140	<0.005	0.013	1540	1480	111	104	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.522	0.508	<0.2	<0.2	0.89	0.6	<0.1	<0.1
	21/08/2014	A1	-	-	0.493	0.452	2240	2260	<0.005	<0.005	1580	1630	120	121	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.509	0.537	<0.2	<0.2	0.68	2.1	<0.1	<0.1
	28/08/2014	A1	-	-	0.514	0.517	2190	2070	0.012	0.015	1570	1630	114	113	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.505	0.524	<0.2	<0.2	0.45	0.29	<0.1	<0.1
	05/09/2014	A1	-	-	0.563	0.546	2290	2230	<0.005	<0.005	1450	1440	111	121	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.522	0.518	<0.2	<0.2	0.41	0.33	<0.1	<0.1
	12/09/2014	A1	-	-	0.595	0.572	2720	2300	<0.005	<0.005	1660	1560	104	108	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.531	0.545	<0.2	<0.2	1.46	0.31	<0.1	<0.1
	18/09/2014	A1	-	-	0.53	0.49	2220	2050	<0.005	<0.005	1490	1430	107	105	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.554	0.516	<0.2	<0.2	0.3	0.25	<0.1	<0.1
	30/10/2014	A1	-	-	0.525	0.594	1950	2260	<0.005	<0.005	1540	1570	111	124	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.5	0.594	<0.2	<0.2	0.26	0.25	<0.1	<0.1
	28/11/2014	A1	-	-	0.533	0.513	2090	2070	<0.005	<0.005	1370	1410	112	108	-	-	0.0025	<0.002	-	-	<0.2	<0.2	0.52	<0.5	-	-	0.563	0.558	<0.2	<0.2	0.82	0.56	<0.1	<0.1
	18/12/2014	A1	-	-	0.5	0.561	2020	2260	<0.005	<0.005	1420	1570	112	116	-	-	<0.002	0.003	-	-	<0.2	1.35	<0.5	<0.5	-	-	0.552	0.577	<0.2	<0.2	0.24	6.32	<0.1	<0.1
	22/01/2015	A1	-	-	0.581	0.553	2330	2030	<0.005	<0.005	1720	1570	127	124	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.572	0.563	<0.2	<0.2	0.42	0.17	<0.1	<0.1
	27/02/2015	A1	-	-	0.627	0.562	2510	2210	<0.005	<0.005	1910	1920	125	130	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.635	0.57	<0.2	<0.2	0.28	0.18	<0.1	<0.1
	26/03/2015	A1	-	-	0.572	0.559	2350	2250	<0.005	<0.005	1980	2060	133	144	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.573	0.587	<0.2	<0.2	0.72	5.67	<0.1	<0.1
	26/03/2015	A1-DUP	-	-	0.56	0.528	2260	2270	<0.005	<0.005	2000	2070	131	135	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.574	0.604	<0.2	<0.2	0.44	0.24	<0.1	<0.1
	23/04/2015	A1	-	-	0.346	0.448	2140	1890	0.0071	<0.005	1530	1460	106	104	-	-	0.0083	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.506	0.484	0.64	<0.2	2.4	0.26	<0.1	<0.1
	15/05/2015	A1	-	-	0.4	0.444	1630	2160	<0.005	<0.005	1280	1350	104	115	-	-	0.0037	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.531	0.525	<0.2	0.22	1.09	0.3	<0.1	<0.1
	21/05/2015	A1	-	-	0.331	0.344	1580	1620	<0.005	<0.005	1150	1060	93	87.2	-	-	0.005	0.003	-	-	<0.2	<0.2	1.26	<0.5	-	-	0.416	0.4	0.27	<0.2	1.06	0.24	<0.1	<0.1
	28/05/2015	A1	-	-	0.353	0.291	1880	1640	<0.005	<0.005	846	895	85.3	85	-	-	0.008	0.003	-	-	<0.2	0.36	1.55	<0.5	-	-	0.386	0.387	0.34	<0.2	2.14	0.3	<0.1	<0.1
	04/06/2015	A1	-	-	0.254	0.279	2040	1800	0.0116	<0.005	780	806	75.7	74.9	-	-	0.0125	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.388	0.378	0.8	<0.2	3.7	0.49	<0.1	<0.1
	11/06/2015	A1	-	-	0.402	0.346	1810	1810	<0.005	<0.005	1060	1090	93.4	94.4	-	-	0.0041	<0.002	-	-	<0.2	<0.2	0.82	<0.5	-	-	0.477	0.432	0.26	<0.2	1.08	1.31	<0.1	<0.1
	23/07/2015	A1	-	-	0.466	0.413	1990	2050	<0.005	<0.005	1520	1500	111	110	-	-	0.0026	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.585	0.564	0.22	<0.2	0.35	0.34	<0.1	<0.1
	20/08/2015	A1	-	-	0.491	0.469	2350	2450	<0.005	<0.005	1680	1640	123	125	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.572	0.573	<0.2	<0.2	0.34	0.3	<0.1	<0.1
	27/08/2015	A1	-	-	0.47	0.54	2230	2260	<0.005	<0.005	1570	1580	117	119	-	-	0.003	0.002	-	-	0.29	<0.2	<0.5	<0.5	-	-	0.593	0.579	<0.2	<0.2	0.64	0.53	<0.1	<0.1
	03/09/2015	A1	-	-	0.397	0.444	2180	2340	<0.005	<0.005	1660	1550	121	120	-	-	0.004	<0.002	-	-	<0.2	<0.2	2.21	<0.5	-	-	0.563	0.531	0.39	<0.2	1.24	0.3	<0.1	<0.1
	10/09/2015	A1	-	-	0.536	0.544	2510	2460	<0.005	<0.005	1520	1530	124	125	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.544	0.614	<0.2	<0.2	0.38	0.27	<0.1	<0.1
	17/09/2015	A1	-	-	0.621	0.55	2210	2090	<0.005	<0.005	1500	1440	112	117	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.613	0.622	<0.2	<0.2	0.28	0.32	<0.1	<0.1
	12/05/2016	A1	-	-	0.408	0.382	1980	1670	<0.005	<0.005	1000	993	88.7	89.7	-	-	0.002	0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.416	0.405	<0.5	<0.2	1.2	0.64	<0.1	<0.1
	20/07/2018	A1	0.2	<0.2	0.495	0.461	2050	1920	<0.01	<0.01	1310	1320	105	102	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.518	0.524	<0.5	<0.5	<3	<1	<0.06	<0.06
	09/11/2018	A1	0.21	<0.2	0.585	0.611	2290	2170	<0.01	<0.01	1660	1700	117	125	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.574	0.586	<0.5	<0.5	<3	<1	<0.06	<0.06
	04/03/2019	A1	0.23	<0.2	0.574	0.624	2180	2150	<0.01	<0.01	1870	1830	130	125	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.638	0.635	<0.5	<0.5	<3	<1	<0.06	<0.06
	04/03/2019	A1-DUP	0.21	0.4	0.677	0.739	2290	2140	<0.01	<0.01	2050	2060	134	131	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.632	0.644	<0.5	<0.5	<3	4.5	<0.06	<0.06
	18/06/2019	A1	0.21	<0.2	0.467	0.456	1870	1740	<0.01	<0.01	1020	1110	87.6	90.6	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	1.49	<0.6	<0.3	<0.1	<0.1	0.472	0.522	<0.5	<0.5	<3	1.5	<0.2	<0.2
A2	15/05/2012	A2	-	-	0.312	0.37	2010	1760	0.007	<0.005	743	737	75.8	74.3	-	-	0.012	0.002	-	-	<0.2	<0.2	1.77	<0.5	-	-	0.342	0.305	0.46	<0.2	3.95	1.68	<0.1	<0.1
	18/06/2012	A2	-	-	0.266	0.283	1790	1690	0.0105	<0.005	522	531	61	57.8	-	-	0.0095	0.0033	-	-	<0.2	<0.2	1.9	<0.5	-	-	0.313	0.261	0.46	<0.2	4.94	1.29	<0.1	<0.1
	24/07/2012	A2	-	-	0.387	0.434	1660	1730	<0.005	<0.005	697	690	76.4	77.8	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	0.53	-	-	0.434	0.41	0.22	<0.2	1.79	9.34	<0.1	<0.1
	25/08/2012	A2	-	-	0.555	0.508	1940	1990	<0.005	<0.005	867	851	86.1	84.9	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.522	0.504	<0.2	<0.2	0.53	0.48	<0.1	<0.1
	17/09/2012	A2	-	-	0.507	0.61	1990	1950	<0.005	<0.005	887	884	80.9	92.6	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.499	0.52	<0.2	<0.2	0.52	0.37	<0.1	<0.1
	24/10/2012	A2	-	-	0.67	0.515	1910	1970	<0.005	<0.005	838	843	90.4	91.2	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.546	0.553	<0.2	<0.2	0.44	0.56	<0.1	<0.1
	24/10/2012	A2-DUP	-	-	0.568	0.596	1930	1920	<0.005	<0.005	844	848	91	89.6	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.559	0.541	<0.2	<0.2	0.41	0.44	<0.1	<0.1
	24/11/2012	A2	-	-	0.67	0.618	2050	2060	<0.005	<0.005	931	941	90.5	88.5	-	-	0.003	<0.002	-	-	0.24	0.55	0.51	<0.5	-	-	0.517	0.514	<0.2	<0.2	3.68	3.1	<0.1	<0.1
	15/12/2012	A2	-	-	0.564	0.549	2070	2040	<0.005	<0.005	970	998	93.5	92.6	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.563	0.557	<0.2	<0.2	0.6	0.43	<0.1	<0.1
	25/01/2013	A2	-	-	0.542	0.449	1950	1880	<0.005	<0.005	935	1020	94.1	85.2	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.532	0.513	<0.2	<0.2	0.44	0.25	<0.1	<0.1
	20/02/2013	A2	-	-	0.659	0.65	1880	1850	<0.005	<0.005	1010	996	98.8	94.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.549	0.522	<0.2	<0.2	0.24	0.13	<0.1	<0.1
	20/03/2013	A2	-	-	0.558	0.616	1960	1800	<0.005	<0.005	1060	1030	92.3	98	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.535	0.536	<0.2	<0.2	0.35	0.18	<0.1	<0.1
	17/04/2013	A2	-	-	0.563	0.541	1740	1660	<0.005	<0.005	990	1020	96	99.5	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.557	0.568	<0.2	<0.2	0.34	0.28	<0.1	<0.1
	23/05/2013	A2	-	-	0.303	0.227	1700	1630	0.006	<0.005	574	570	60.7	60.8	-	-	0.014	<0.002	-	-	0.23	<0.2	1.12	<0.5	-	-	0.341	0.291	0.72	<0.2	5.38	0.31	0.11	<0.1
	20/06/2013	A2	-	-	0.263	0.249	3450	1550	<0.005	<0.005	489	456	90	50.1	-	-	0.053	0.002	-	-	<0.2	<0.2	3.18	0.64	-	-	0.765	0.215	5.22	0.65	36.4	0.86	0.48	0.16
	17/07/2013	A2	-	-	0.52	0.481	1960	1610	<0.005	<0.005	767	772	74.9	79.2	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.449	0.462	0.25	<0.2	0.63	0.5	<0.1	<0.1
	26/08/2013	A2	-	-	0.539	0.543	2050	2020	<0.005	<0.005	929	978	88.2	88.4	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.506	0.54	<0.2	<0.2	0.64	2	<0.1	<0.1
	25/09/2013	A2	-	-	0.566	0.626	1890	2000	<0.005	<0.005	897	918	90.9	82.4	-	-	<0.002	0.002	-	-	0.28	<0.2	<0.5	<0.5	-	-	0.466	0.499	<0.2	<0.2	0.48	0.58	<0.1	<0.1
	24/10/2013	A2	-	-	0.589	0.653	1910	1840	<0.005	<0.005	908	926	91.4	92.1	-	-	<0.002	<0.002	-	-	<0.2	0.2	<0.5	<0.5	-	-	0.526	0.558	<0.2	<0.2	0.36	0.48	<0.1	<0.1
	20/11/2013	A2	-	-	0.565	0.64	1680	2030	<0.005	<0.005	1030	1060	90.3	99.5	-	-	0.004	<0.002	-	-	<0.2	<0.2	0.68	<0.5	-	-	0.525	0.559	0.22	<0.2	2.21	0.92	<0.1	<0.1
	22/12/2013	A2	-	-	0.583	0.613	1920	2040	<0.005	<0.005	979	933	95.2	89.6	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.52	0.511	<0.2	<0.2	1.03	<0.1	<0.1	<0.1
	28/01/2014	A2	-	-	0.628	0.599	2170	2170	<0.005	<0.005	963	1010	94	93.1	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.503	0.515	<0.2	<0.2	0.32	1.03	<0.1	<0.1
	26/02/2014	A2	-	-	0.58	0.614	1910	1970	<0.005	<0.005	1130	1090	100	97	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.502	0.487	<0.2	<0.2	0.18	0.36	<0.1	<0.1
	27/03/2014	A2	-	-	0.601	0.664	1890	1990	<0.005	<0.005	1040	1080	92.7	101	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.509	0.521	<0.2	<0.2	0.24	0.25	<0.1	<0.1
	24/04/2014	A2	-	-	0.628	0.665	2090	2240	<0.005	<0.005	1000	1030	96.2	97.8	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.537	0.536	<0.2	<0.2	0.29	0.16	<0.1	<0.1
	15/05/2014	A2	-	-	0.544	0.56	2010	1940	<0.005	<0.005	1050	1010	92.7	101	-	-	0.007	0.002	-	-	<0.2	<0.2	1.34	<0.5	-	-	0.499	0.48	0.54	<0.2	3.2	1.23	<0.1	<0.1
	22/05/2014	A2	-	-	0.334	0.297	2010	1700	0.005	<0.005	708	697	75.6	70.3	-	-	0.014	<0.002	-	-	<0.2	<0.2	2.62	<0.5	-	-	0.391	0.327	0.79	<0.2	5.55	0.25	<0.1	<0.1
	29/05/2014	A2	-	-	0.324	0.325	1810	1690	<0.005	<0.005	658	637	66.4	66.8	-	-	0.006	<0.002	-	-	<0.2	<0.2	1.24	<0.5	-	-	0.337	0.31	0.38	<0.2	2	0.29	<0.1	<0.1
	05/06/2014	A2	-	-	0.313	0.329	1910	2020	<0.005	<0.005	621	624	63.9	61.6	-	-	0.005	<0.002	-	-	<0.2	<0.2	2.11	<0.5	-	-	0.315	0.3	0.38	<0.2	1.51	0.39	<0.1	<0.1
	05/06/2014	A2-DUP	-	-	0.298	0.311	2000	1700	<0.005	<0.005	653	617	64	64.5	-	-	0.005	<0.002	-	-	<0.2	<0.2	1.81	<0.5	-	-	0.311	0.299	0.38	<0.2	1.7	0.59	0.12	<0.1
	12/06/2014	A2	-	-	0.333	0.295	1890	1760	<0.005	<0.005	635	622	68.4	67.8	-	-	0.004	0.005	-	-	<0.2	<0.2	1.76	<0.5	-	-	0.339	0.324	0.29	<0.2	1.36	0.43	<0.1	<0.1
	24/07/2014	A2	-	-	0.42	0.432	1830	1940	<0.005	0.01	1000	913	87.7	83.5	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.492	0.491	<0.2	<0.2	3.9	0.58	<0.1	<0.1
	21/08/2014	A2	-	-	0.477	0.478	1990	2000	<0.005	<0.005	921	903	91.1	89.7	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.485	0.538	<0.2	<0.2	2.09	0.55	<0.1	<0.1
	28/08/2014	A2	-	-	0.508	0.535	1940	1960	0.009	0.014	806	821	91.8	93.7	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.502	0.503	<0.2	<0.2	0.71	0.61	<0.1	<0.1
	05/09/2014	A2	-	-	0.543	0.553	2090	1960	<0.005	<0.005	799	792	84.3	89.2	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.496	0.521	<0.2	<0.2	0.82	0.3	<0.1	<0.1
	12/09/2014	A2	-	-	0.579	0.572	2190	2140	<0.005	<0.005	886	905	85.8	83.8	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.504	0.521	<0.2	0.21	0.39	0.28	<0.1	<0.1
	18/09/2014	A2	-	-	0.538	0.588	1800	1940	<0.005	<0.005	765	786	86	84.1	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.527	0.517	<0.2	<0.2	0.4	0.32	<0.1	<0.1
	30/10/2014	A2	-	-	0.547	0.563	1660	1950	<0.005	<0.005	853	860	85.9	95.9	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.487	0.562	<0.2	<0.2	0.39	0.27	<0.1	<0.1
	27/11/2014	A2	-	-	0.537	0.573	1890	1840	<0.005	<0.005	855	866	90.9	90.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.555	0.57	<0.2	<0.2	0.37	0.3	<0.1	<0.1
	18/12/2014	A2	-	-	0.507	0.554	1820	2120	<0.005	<0.005	814	900	87.7	96.7	-	-	<0.002	<0.002	-	-	<0.2	0.24	<0.5	<0.5	-	-	0.517	0.537	<0.2	<0.2	0.45	0.45	<0.1	<0.1
	18/12/2014	A2-DUP	-	-	0.489	0.542	1770	1940	<0.005	<0.005	820	945	87.1	93.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.518	0.543	<0.2	<0.2	0.35	0.43	<0.1	<0.1
	22/01/2015	A2	-	-	0.59	0.545	2030	1890	<0.005	<0.005	1030	977	94.8	98.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.538	0.52	<0.2	<0.2	0.25	0.38	<0.1	<0.1
	27/02/2015	A2	-	-	0.575	0.521	2090	1880	<0.005	<0.005	1050	970	90.2	93.5	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.581	0.54	<0.2	<0.2	0.27	0.37	<0.1	<0.1
	26/03/2015	A2	-	-	0.527	0.52	1930	1930	<0.005	<0.005	1020	1060	95.4	97.1	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.54	0.571	<0.2	<0.2	0.46	0.26	<0.1	<0.1
	23/04/2015	A2	-	-	0.306	0.447	1820	1760	0.0082	<0.005	860	889	81	85.7	-	-	0.0069	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.443	0.445	0.57	<0.2	2.2	0.25	<0.1	<0.1
	15/05/2015	A2	-	-	0.387	0.415	1550	1870	<0.005	<0.005	948	983	88.8	95.4	-	-	0.0034	0.0022	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.494	0.483	<0.2	<0.2	0.61	1.27	<0.1	<0.1
	21/05/2015	A2	-	-	0.327	0.278	1460	1410	<0.005	<0.005	798	675	76.3	68.5	-	-	0.006	0.003	-	-	<0.2	<0.2	1.02	<0.5	-	-	0.391	0.356	0.27	<0.2	1.07	0.22	<0.1	<0.1
	21/05/2015	A2-DUP	-	-	0.307	0.354	1380	1590	<0.005	<0.005	814	793	78.5	74	-	-	0.007	0.003	-	-	<0.2	<0.2	1.15	<0.5	-	-	0.412	0.38	0.26	<0.2	1.14	6.68	<0.1	<0.1
	28/05/2015	A2	-	-	0.249	0.279	1830	1520	<0.005	<0.005	586	624	67.9	65.3	-	-	0.008	0.003	-	-	<0.2	<0.2	1.15	<0.5	-	-	0.354	0.342	0.38	<0.2	2.02	0.68	<0.1	<0.1
	04/06/2015	A2	-	-	0.247	0.267	1900	1650	0.0066	<0.005	570	598	64.1	64	-	-	0.0116	0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.381	0.337	0.65	<0.2	2.9	1.36	<0.1	<0.1
	11/06/2015	A2	-	-	0.347	0.316	1690	1580	<0.005	<0.005	693	638	74.1	66.8	-	-	0.0042	<0.002	-	-	<0.2	<0.2	1.16	<0.5	-	-	0.442	0.419	0.3	<0.2	1.14	0.3	<0.1	<0.1
	23/07/2015	A2	-	-	0.441	0.412	1760	1720	<0.005	<0.005	858	811	89.8	82.3	-	-	0.0023	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.558	0.517	<0.2	<0.2	0.39	0.33	<0.1	<0.1
	20/08/2015	A2	-	-	0.493	0.482	2020	2150	<0.005	<0.005	901	902	93.2	97	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.532	0.541	<0.2	<0.2	0.41	0.58	<0.1	<0.1
	27/08/2015	A2	-	-	0.471	0.543	1890	2010	<0.005	<0.005	830	854	88.8	93.6	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.656	0.555	<0.2	<0.2	0.41	0.74	<0.1	<0.1
	03/09/2015	A2	-	-	0.499	0.516	1830	2110	<0.005	<0.005	892	873	92	97.9	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.552	0.521	<0.2	<0.2	0.56	0.92	<0.1	<0.1
	10/09/2015	A2	-	-	0.583	0.602	2010	2110	<0.005	<0.005	837	845	95.8	97.2	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.599	0.616	<0.2	<0.2	0.74	0.39	<0.1	<0.1
	17/09/2015	A2	-	-	0.629	0.566	2010	1950	<0.005	<0.005	889	823	92.6	93.1	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.599	0.58	0.2	<0.2	0.39	0.35	<0.1	<0.1
	12/05/2016	A2	-	-	0.371	0.401	1770	1630	<0.005	<0.005	780	807	78.1	79.4	-	-	0.003	0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.387	0.408	<0.5	<0.2	1.2	0.41	<0.1	<0.1
	20/07/2018	A2	<0.2	<0.2	0.54	0.538	1900	1670	<0.01	<0.01	830	830	86.9	84.1	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.505	0.53	<0.5	<0.5	<3	<1	<0.06	<0.06
	09/11/2018	A2	<0.2	<0.2	0.573	0.53	2050	1940	<0.01	<0.01	979	1010	97.4	102	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.551	0.543	<0.5	<0.5	<3	<1	<0.06	<0.06
	05/03/2019	A2	<0.2	<0.2	0.574	0.669	2050	1910	<0.01	<0.01	1150	1010	99.8	99.3	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.563	0.542	<0.5	<0.5	<3	<1	<0.06	<0.06
	17/06/2019	A2	<0.2	<0.2	0.438	0.411	1660	1590	<0.01	<0.01	708	747	71.2	79.4	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.34	<0.3	<0.1	<0.1	0.417	0.479	<0.5	<0.5	<3	<1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Location Code	Sample Date	Sample ID	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater							0.05	0.1	0.1								0.2			1		0.02				
BC WQG Working - Fresh Water Aquatic Life																							3.4			
CWQG Aquatic Life Freshwater - Long Term					5.8		4.4	0.012	0.018	0.015							0.04	3		1.1	0.4	0.025	3.4			
CWQG Aquatic Life Freshwater - Short Term																										
A1	14/05/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18/06/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	23/07/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/08/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/09/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	23/11/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15/12/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/01/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/01/2013	A1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/02/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/03/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/04/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	23/05/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/06/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/07/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	26/08/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/09/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/11/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	22/12/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	22/12/2013	A1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28/01/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.056	<0.02	<0.5	<0.5	<0.05	<0.5
	28/01/2014	A1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.082	<0.02	<0.5	<0.5	<0.05	<0.5
	27/02/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
	27/03/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/04/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	15/05/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	22/05/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	29/05/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/06/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/06/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/07/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	21/08/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/08/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/09/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/09/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	18/09/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	30/10/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/11/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	18/12/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	22/01/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/02/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	26/03/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	26/03/2015	A1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/04/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	15/05/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	21/05/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/05/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	04/06/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	11/06/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/07/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	20/08/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/08/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	03/09/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	10/09/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	17/09/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/05/2016	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	20/07/2018	A1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	09/11/2018	A1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	04/03/2019	A1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	04/03/2019	A1-DUP	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	18/06/2019	A1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
A2	15/05/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18/06/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/07/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/08/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/09/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2012	A2-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/11/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15/12/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/01/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/02/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/03/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/04/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	23/05/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/06/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/07/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	26/08/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/09/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/11/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	22/12/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28/01/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.054	<0.02	<0.5	<0.5	<0.05	<0.5
	26/02/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
	27/03/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/04/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	15/05/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	22/05/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	29/05/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/06/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/06/2014	A2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/06/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/07/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	21/08/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/08/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/09/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/09/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	18/09/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	30/10/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/11/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	18/12/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	18/12/2014	A2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	22/01/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/02/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	26/03/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/04/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	15/05/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	21/05/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	21/05/2015	A2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/05/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	04/06/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	11/06/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/07/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	20/08/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/08/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	03/09/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	10/09/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	17/09/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/05/2016	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	20/07/2018	A2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	09/11/2018	A2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	05/03/2019	A2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	17/06/2019	A2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Location Code	Sample Date	Sample ID	Lab Report Number	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered) vs. Short-term (acute)	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium	Potassium (Filtered)	Rubidium	Rubidium (Filtered)	Selenium	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium
				Metals																																				
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.005	0.005	0.05	0.05	1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10	10	0.2	0.2	0.04	0.04	50	50	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002
BC WQG Approved Short Term Maximum (Acute) - Freshwater				110			Variable	1000[#9]	350[#9]	Variable[#4]						Variable[#4]				2000								2				Variable								
BC WQG Working - Fresh Water Aquatic Life												870[#17]	870[#17]									Variable[#4]		373000[#18]	373000[#18]															0.8[#19]
CWQG Aquatic Life Freshwater - Long Term						Variable		300	300	Variable[#26]								0.026		73		Variable[#27]						1				0.25	0.25							0.8
CWQG Aquatic Life Freshwater - Short Term																																								
A3	16/05/2012	A3	B240844	0.596	0.034	1.3	0.275	426	12.8	0.939	0.01	3.54	3.21	7170	7050	40	0.802	<0.01	<0.01	0.256	0.351	1.46	0.283	484	427	-	-	0.358	0.404	2330	1910	0.013	<0.005	1160	1160	102	100	-	-	0.016
	18/06/2012	A3	B252527	0.539	0.0187	0.997	0.531	344	13.9	0.986	0.036	3.49	3.28	6690	6500	40.9	0.393	<0.01	<0.01	0.301	0.333	1.08	0.285	421	363	-	-	0.362	0.334	2100	2050	0.0193	<0.005	1000	1010	94.8	88.4	-	-	0.0107
	24/07/2012	A3	B265706	0.038	0.014	0.251	0.235	44	5.8	0.191	0.238	5.72	5.32	9050	8840	1.69	0.341	<0.01	<0.01	0.51	0.547	0.282	0.281	480	434	-	-	0.56	0.532	2000	2060	<0.005	<0.005	1950	1970	136	138	-	-	0.002
	25/08/2012	A3	B276408	0.012	0.01	0.179	0.194	9.8	2.9	0.02	<0.005	7.88	7.67	10,700	11,000	0.59	0.208	<0.01	<0.01	0.605	0.583	0.153	0.149	518	519	-	-	0.718	0.606	2200	2190	<0.005	<0.005	3020	3010	168	168	-	-	<0.002
	17/09/2012	A3	B283851	0.005	0.007	<0.05	0.164	2.4	5.2	0.006	0.01	9.52	9.39	10,900	11,800	0.354	0.256	<0.01	<0.01	0.602	0.656	0.136	0.119	540	537	-	-	0.637	0.632	2160	2210	<0.005	<0.005	3230	3510	166	196	-	-	<0.002
	24/10/2012	A3	B297129	0.014	0.012	0.081	0.068	6.1	2.1	0.23	0.006	8.51	8.47	11,100	11,000	0.546	1.71	<0.01	0.01	0.618	0.553	0.159	0.148	504	496	-	-	0.604	0.629	2160	2220	<0.005	<0.005	3420	3370	181	180	-	-	<0.002
	24/11/2012	A3	B2A7294	0.012	0.01	0.28	0.281	7	3	0.015	0.014	7.78	7.48	10,300	10,400	0.433	0.208	<0.01	<0.01	0.532	0.578	0.117	0.141	492	504	-	-	0.604	0.604	2400	2320	<0.005	<0.005	3180	3220	163	159	-	-	<0.002
	15/12/2012	A3	B2B4014	0.012	0.009	0.153	0.172	6.8	2.1	0.012	0.005	8.48	8.55	11,900	11,500	0.455	0.175	<0.01	<0.01	0.601	0.625	0.153	0.158	512	508	-	-	0.564	0.679	2500	2320	<0.005	<0.005	3830	3740	179	178	-	-	<0.002
	25/01/2013	A3	B306701	0.011	0.006	0.175	0.177	7.3	1.7	0.034	0.013	8.96	8.95	10,900	11,300	0.582	0.192	<0.01	<0.01	0.65	0.652	0.183	0.13	516	497	-	-	0.892	0.76	2310	2300	<0.005	<0.005	3740	3810	180	178	-	-	<0.002
	17/04/2013	A3	B330896	0.017	0.011	0.244	0.166	36.4	1.9	0.024	<0.005	9.54	9.9	11,100	11,400	0.946	0.187	<0.01	<0.01	0.594	0.657	0.233	0.154	523	546	-	-	2.06	0.778	5310	2100	<0.005	<0.005	3900	3970	190	195	-	-	<0.002
	23/05/2013	A3	B341817	0.347	0.016	0.756	0.341	293	10.9	0.577	0.013	3.52	3.29	6950	6580	23.7	0.395	<0.01	<0.01	0.264	0.36	1.05	0.308	416	364	-	-	0.296	0.29	2150	1990	<0.005	<0.005	1160	1110	96.4	94.3	-	-	0.007
	23/05/2013	A3-DUP	B341817	0.399	0.023	0.85		285	11.9	0.658	0.011	3.72	3.63	6910	6490	29	0.444	<0.01	<0.01	0.318	0.38	1.04	0.398	422	384	-	-	0.366	0.451	1990	1970	<0.005	<0.005	1230	1190	102	97.1	-	-	0.007
	20/06/2013	A3	B351922	19.4	0.064	23.9	0.475	9720	71.4	24.8	0.063	12.8	2.01	12,500	4430	1350	2.5	<0.05	<0.01	<0.25	0.275	35.1	0.474	1360	533	-	-	0.46	0.351	6890	1640	<0.025	<0.005	800	677	192	68.9	-	-	0.059
	17/07/2013	A3	B361290	0.014	0.019	0.218	0.204	2.7	11.4	0.042	0.023	6.81	6.89	9430	9250	0.207	0.913	<0.01	<0.01	0.547	0.589	0.254	0.199	477	498	-	-	0.57	0.605	2330	2070	<0.005	<0.005	2440	2390	151	149	-	-	<0.002
	17/07/2013	A3-DUP	B361290	0.017	0.013	0.235		9.2	2.1	0.019	0.011	6.5	6.88	8940	9030	0.817	0.265	<0.01	<0.01	0.56	0.566	0.155	0.176	450	485	-	-	0.587	0.451	2340	2120	<0.005	<0.005	2340	2380	143	146	-	-	0.002
	26/08/2013	A3	B376191	0.02	0.015	0.299	0.374	9.3	2.5	0.027	0.009	8.7	8.94	11,100	11,500	0.882	0.328	<0.01	<0.01	0.628	0.623	0.22	0.203	548	596	-	-	0.56	0.536	2370	2610	<0.005	<0.005	3470	3590	175	177	-	-	<0.002
	25/09/2013	A3	B387669	0.02	0.013	0.169	0.228	14.7	4.5	0.025	0.406	9.01	8.73	11,100	10,900	1.14	0.398	<0.01	<0.01	0.564	0.619	0.182	0.224	605	593	-	-	0.533	0.561	2100	2190	<0.005	<0.005	3480	3550	176	171	-	-	0.002
	24/10/2013	A3	B399472	0.013	0.016	0.14	0.184	5.1	2.2	0.008	0.012	7.87	7.57	10,800	10,900	0.42	0.309	<0.002	0.0027	0.602	0.574	0.195	0.204	514	541	-	-	0.592	0.601	2260	2080	<0.005	<0.005	3420	3510	172	181	-	-	<0.002
	21/11/2013	A3	B3A8725	0.021	0.009	0.153	0.136	7.8	<1	0.025	0.011	7.98	9.04	12,900	12,500	0.928	0.074	<0.01	<0.002	0.641	0.729	0.207	0.118	578	542	-	-	0.738	0.714	1980	2470	<0.005	<0.005	3930	3760	185	191	-	-	<0.002
	28/01/2014	A3	B407313	0.005	0.005	0.203	0.118	3.5	1.2	0.009	0.005	8.24	8.09	11,100	11,100	0.24	0.095	<0.002	<0.002	0.655	0.668	0.139	0.106	499	488	-	-	0.751	0.675	2320	2370	<0.005	<0.005	3900	4040	185	186	-	-	<0.002
	24/04/2014	A3	B432952	0.018	0.011	0.218	0.146	12.3	2.6	0.013	<0.005	8.9	8.7	10,600	10,500	0.676	0.203	<0.002	<0.002	0.675	0.547	0.262	0.19	505	517	-	-	0.72	0.697	2330	2370	<0.005	<0.005	3830	3750	174	177	-	-	<0.002
	15/05/2014	A3	B439804	0.157	0.021	0.644	0.291	171	6.3	0.228	0.005	6.71	5.69	8800	8470	7.96	0.406	<0.002	<0.002	0.385	0.436	0.644	0.296	482	449	-	-	0.46	0.499	2250	2160	<0.005	<0.005	2390	2190	146	150	-	-	0.004
	22/05/2014	A3	B442060	0.876	0.023	1.99	0.335	872	16.5	1.56	0.017	4.45	3.62	7710	7180	62.9	0.676	<0.002	0.0024	0.26	0.386	1.89	0.341	500	415	-	-	0.356	0.378	2440	1940	0.009	<0.005	1280	1260	108	101	-	-	0.016
	29/05/2014	A3	B444272	0.248	0.018	0.656	5.01	279	18.9	0.505	0.035	3.61	3.47	7420	7240	18.2	0.473	<0.002	<0.002	0.288	0.352	0.764	0.275	421	382	-	-	0.346	0.387	2170	2050	0.005	<0.005	1140	1170	98.9	100	-	-	0.006
	05/06/2014	A3	B446972	0.265	0.033	0.653	0.266	187	141	0.453	0.353	3.81	3.29	7360	6180	22.7	1.78	<0.002	<0.002	0.273	0.358	0.704	0.41	428	359	-	-	0.376	0.371	2690	2080	<0.005	<0.005	1200	1180	97.3	91.7	-	-	0.005
	12/06/2014	A3	B449500	0.232	0.016	0.576	0.251	336	7.4	0.396	0.008	3.74	3.65	7340	7100	17.6	0.279	<0.002	0.002	0.404	0.417	0.773	0.257	429	382	-	-	0.416	0.367	2710	2150	<0.005	<0.005	1290	1260	106	104	-	-	0.004
A3 (B)	27/02/2015	A3 (B)	B516449	0.0069	0.007	0.109	0.102	4.2	<1	0.0052	0.006	2.74	2.46	11,500	11,800	0.229	0.259	<0.002	<0.002	0.536	0.567	0.081	0.059	278	282	-	-	0.651	0.582	2030	1860	<0.005	<0.005	1020	984	86.5	90.9	-	-	<0.002
	24/07/2014	A3(B)	B464009	0.014	0.011	0.107	0.146	14.8	2	0.021	0.012	2.41	2.3	11,100	10,600	0.662	0.244	0.0023	0.0027	0.556	0.6	0.199	0.15	330	305	-	-	0.45	0.462	1980	1970	<0.005	0.007	911	880	86.1	84.4	-	-	<0.002
	21/08/2014	A3(B)	B474408	0.026	0.007	0.131	0.571	13.1	1.2	0.018	<0.005	2.22	2.26	10,500	11,100	0.942	0.269	0.0022	0.0033	0.57	0.552	0.131	0.147	296	311	-	-	0.544	0.499	1860	1960	0.009	<0.005	830	834	86.8	90.7	-	-	0.002
	28/08/2014	A3(B)	B476541	0.014	0.009	0.128	0.112	12	9.5	0.013	0.024	2.21	2.36	10,600	10,800	0.496	0.238	0.0025	0.0027	0.56	0.53	0.162	0.119	299	283	-	-	0.542	0.576	1840	1840	0.01	<0.005	831	763	92.9	87.3	-	-	0.003
	05/09/2014	A3(B)	B479164	0.014	0.01	0.115	0.144	7.6	1.9	0.011	<0.005	2	2.12	9920	9970	0.544	0.224	0.0043	<0.002	0.572	0.566	0.157	0.121	281	287	-	-	0.595	0.626	1950	1960	<0.005	<0.005	762	758	83	88.5	-	-	0.002
	12/09/2014	A3(B)	B481292	0.01	0.009	0.158	0.132	6.5	<1	0.01	<0.005	2.16	2.17	11,800	11,600	0.405	0.159	0.0051	0.0029	0.564	0.584	0.125	0.118	318	312	-	-	0.601	0.604	1980	1850	<0.005	<0.005	873	818	84.4	81.2	-	-	<0.002
	18/09/2014	A3(B)	B483962	0.012	0.006	0.105	0.107	6	1.3	0.008	<0.005	2.05	1.92	10,600	10,400	0.42	0.159	<0.002	0.0059	0.61	0.553	0.12	0.107	294	283	-	-	0.544	0.599	1820	1810	<0.005	<0.005	687	684	84.2	83.5	-	-	<0.002
	30/10/2014	A3(B)	B499587	0.008	0.006	0.102	0.14	3.5	1.1	0.009	<0.005	2.06	2.14	10,900	11,400	0.347	0.163	<0.002	<0.002	0.569	0.583	0.096	0.536	300	319	-	-	0.574	0.646	1550	1720	<0.005	<0.005	814	814	85.4	91.7	-	-	<0.002
	27/11/2014	A3(B)	B4A9093	0.009	0.0236	0.38	0.263	6.2	2	0.0137	0.0156	2.52	2.76	11,400	11,000	0.369	0.209	<0.002	<0.002	0.588	0.566	0.339	0.268	344	327	-	-	0.579	0.595	1820	1730	<0.005	<0.005	796	788	92.6	87.9	-	-	<0.002
	18/12/2014	A3(B)	B4B5326	0.0062	0.005	0.11	0.079	3.7	1.5	0.0068	0.018	2.4	2.16	9940	11,500	0.188	0.084	<0.002	<0.002	0.51	0.623	0.174	0.143	259	284	-	-	0.528	0.586	1720	1900	<0.005	<0.005	772	857	82.7	93.1	-	-	<0.002
	22/01/2015	A3(B)	B505986	0.005	0.005	0.079	0.098	2	<1	<0.005	<0.005	2.39	2.36	12,200	12,200	0.122	<0.05	<0.002	<0.002	0.532	0.572	0.095	0.07	310	286	-	-	0.558	0.622	1900	1770	<0.005	<0.005	903	926	90.6	93.7	-	-	0.002
	27/02/2015	A3(B)-DUP	B516449	0.01	0.006	0.093		3.1	<1	0.009	<0.005	2.6	2.28	11,500	11,900	0.213	0.097	<0.002	<0.002	0.51	0.552	0.058	0.075	278	268	-	-	0.617	0.516	1780	1810	<0.005	<0.005	942	947	91.8	88.6	-	-	<0.002
	26/03/2015	A3(B)	B525184	0.0084	0.0081	6.23	0.114	5.9	2	0.0067	<0.005	2.32	2.58	11,200	11,400	0.287	0.09	<0.002	<0.002	0.507	0.509	0.088	0.08	302	303	-	-	0.593	0.581	1940	1850	<0.005	<0.005	1050	1060	93.9	96.6	-	-	<0.002
	23/04/2015	A3(B)	B533584	0.081	0.0135	0.56	0.131	146	3.8	0.119	<0.005	2.36	1.83	9500	9310	4.5	0.337	<0.002	<0.002	0.425	0.428	0.41	0.191	340	296	-	-	0.285	0.425	1700	1660	<0.005	<0.005	890	899	81	82.7	-	-	0.0047
	15/05/2015	A3(B)	B540628	0.0326	0.0388	0.166	0.44	51.9	16.1	0.0426	0.0258	1.87	2.53	10,200	10,900	1.24	2.41	<0.002	<0.002	0.472	0.531	0.24	0.386	288	330	-	-	0.358	0.443	1590	1490	<0.005	<0.005	927	1040	86.8	92.7	-	-	0.0041
	15/05/2015	A3(B)-DUP	B540628	0.0298	0.0099	0.335		36.8	1.2	0.0386	<0.005	1.78	1.99	10,400	11,300	1.24	0.12	<0.002	<0.002	0.502	0.471	0.316	0.16	302	320	-	-	0.375	0.355	1580	2170	<0.005	<0.005	984	1040	88.8	100	-	-	0.0038
	21/05/2015	A3(B)	B542667	0.113	0.013	0.189	0.139	89.1	2.1	0.064	<0.005	2.08	1.96	9420	9130	3.55	0.149	<0.002	<0.002	0.388	0.379	0.263	0.177	289	260	-	-	0.27	0.302	1390	1600	<0.005	<0.005	772	715	72.8	71.4	-	-	0.005
	28/05/2015	A3(B)	B545872	0.081	0.012	0.241	0.128	127	2.7	0.125	0.005	1.66	1.32	8340	8370	4.76	0.191	<0.002	0.0024	0.302	0.337	0.369	0.263	273	251	-	-	0.278	0.206	1720	1470	<0.005	<0.005	572	608	62	63.2	-	-	0.006
	05/06/2015	A3(B)	B547761	0.07	0.0129	0.49	0.136	106	5	0.119	0.0055	1.14	1.4	8700	8450	4.4	0.324	<0.002	<0.002	0.356	0.321	0.51	0.246	280	253	-	-	0.241	0.262	1740	1590	<0.005	<0.005	650	624	66.5	64.7	-	-	0.0064
	11/06/2015	A3(B)	B549906	0.0317	0.0081	0.157	0.109	57.5	1.5	0.0566	<0.005	1.6	1.66	9020	8660	1.87	0.188	<0.002	<0.002	0.435	0.474	0.374	0.258	277	255	-	-	0.336	0.327	1620	1620	<0.005	<0.005	700	690	72.2	67	-	-	0.0034
	23/07/2015	A3(B)	B563471	0.0096	0.0057	0.069	0.05	13.3	1.1	0.0088	<0.005	2.28	1.99	10,200	10,600	0.374	0.177	<0.002	<0.002	0.546	0.545	0.099	0.107	283	281	-	-	0.492	0.453	1740	1720	<0.005	<0.005	772	820	84.6	83.3	-	-	<0.002
	20/08/2015	A3(B)	B572515	0.009	0.008	0.124	0.109	16.8	<1	0.011	<0.005	2.88	2.84	11,100	11,400	0.7	0.294	<0.002	<0.002	0.562	0.551	0.097	0.076	324	328	-	-	0.548	0.499	1850	2040	<0.005	<0.005	857	866	92.1	95.7	-	-	<0.002
	27/08/2015	A3(B)	B575103	0.009	0.008	0.149	0.089	8.4	<1	0.007	<0.005	2.31	2.13	10,600	11,200	0.528	0.313	<0.002	<0.002	0.583	0.573	0.109	0.081	288	296	-	-	0.489	0.566	1760	1920	<0.005	<0.005	761	827	86.7	92.8	-	-	0.002
	03/09/2015	A3(B)	B577658	0.011	0.007	<0.05	0.079	7.1	1.6	0.005	<0.005	2.48	2.49	11,000	11,400	0.471	0.333	<0.002	<0.002	0.564	0.548	0.184	0.153	291	304	-	-	0.673	0.635	1920	1560	<0.005	<0.005	837	860	90.1	91	-	-	<0.002
	10/09/2015	A3(B)	B579637	0.013	0.008	0.067	0.067	9.9	<1	0.007	<0.005	2.45	2.28	11,200	11,100	0.47	0.216	<0.002	<0.002	0.618	0.625	0.24	0.096	309	301	-	-	0.674	0.65	2030	1880	<0.005	<0.005	740	741	94.5	97.2	-	-	0.002
	17/09/2015	A3(B)	B582068	0.01	0.006	0.074	0.098	5	2	0.008	<0.005	2.71	2.34	11,300	11,200	0.348	0.154	<0.002	<0.002	0.591	0.593	0.078	0.068	315	314	-	-	0.679	0.623	1920	1810	<0.005	<0.005	824	814	90.7	93.1	-	-	<0.002
	12/05/2016	A3(B)	B637198	0.029	0.01	0.54	0.127	37	2	<0.05	<0.005	2.49	2.05	8880	9110	1.61	0.162	<0.002	<0.002	0.404	0.406	0.19	0.133	290	272	-	-	0.386	0.379	1850	1620	<0.005	<0.005	790	813	76.4	79.9	-	-	0.003
	20/07/2018	A3(B)	L2133661	<0.1	<0.1	<0.5	0.2	13	<10	<0.05	<0.05	2.4	2.3	11,500	10,000	0.52	0.17	<0.005	<0.005	0.574	0.538	0.89	<0.5	293	292	<0.2	<0.2	0.54	0.589	1880	1630	<0.01	<0.01	845	798	88.6	83.5	<0.2	<0.2	<0.01
	09/11/2018	A3(B)	L2195291	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	2.5	2.5	11,600	12,600	0.27	0.16	<0.005	<0.005	0.585	0.611	<0.5	<0.5	297	305	0.21	0.2	0.703	0.61	1870	1740	<0.01	<0.01	844	846	95.9	97.4	<0.2	<0.2	<0.01
	05/03/2019	A3(B)	L2240838	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	2.4	2.4	10,400	10,500	0.17	<0.1	<0.005	<0.005	0.49	0.462	<0.5	<0.5	265	282	<0.2	<0.2	0.677	0.653	1710	1650	<0.01	<0.01	812	827	93.8	92	<0.2	<0.2	<0.01
	17/06/2019	A3(B)	L2295044	<0.1	<0.1	<0.5	0.2	24	<10	<0.05	<0.05	2.1	2.2	9700	9260	0.6	0.12	<0.005	<0.005	0.457	0.477	<0.5	<0.5	257	285	0.23	<0.2	0.41	0.425	1680	1560	<0.01	<0.01	771	841	72.6	79.8	<0.2	<0.2	<0.01
A4	16/05/2012	A4	B240844	0.124	0.015	0.485	0.212	116	2.5	0.203	<0.005	0.82	0.85	8080	7480	9.73	0.244	<0.01	<0.01	0.22	0.224	0.659	0.206	267	244	-	-	0.208	0.156	1620	1470	0.006	<0.005	374	371	44.6	44.7	-	-	0.014
	18/06/2012	A4	B252527	0.0568	0.0158	0.351	0.264	45.6	3.1	0.0911	0.0059	0.53	0.51	6620	6660	3.94	0.111	<0.01	<0.01	0.185	0.185	0.255	0.16	206	196	-	-	0.173	0.138	1430	1450	<0.005	<0.005	265	281	33.2	32.7	-	-	0.0053
	24/07/2012	A4	B265706	0.021	0.009	0.758	0.122	17.6	2.2	0.627	0.066	0.94	0.91	8410	8250	0.633	0.107	<0.01	<0.01	0.543	0.526	0.325	0.179	279	199	-	-	0.487	0.498	1350	1420	<0.005	<0.005	408	313	53.6	53.8	-	-	0.004
	25/08/2012	A4	B276408	0.005	<0.005	0.143	0.109	6.8	3.1	0.007	<0.005	1.29	1.27	10,300	10,500	0.239	0.078	<0.01	<0.01	0.688	0.717	0.185	0.147	240	232	-	-	0.686	0.724	1630	1630	<0.005	<0.005	394	399	75.8	75.4	-	-	0.004
	17/09/2012	A4	B283851	0.006	0.005	0.485	0.684	1.5	1.8	<0.005	0.006	1.81	1.53	10,900	11,600	0.124	0.078	<0.01	<0.01	0.701	0.761	0.158	0.177	279	270	-	-	0.784	0.869	1680	1680	<0.005	<0.005	409	429	79.8	93.8	-	-	0.006
	24/10/2012	A4	B297129	0.007	0.006	<0.05	0.05	2.7	1.4	0.025	<0.005	1.48	1.4	11,000	11,000	0.25	0.057	<0.01	<0.01	0.808	0.712	0.201	0.218	239	242	-	-	0.739	0.846	1570	1610	<0.005	<0.005	414	417	95.3	93	-	-	0.005
	24/11/2012	A4	B2A7294	0.007	0.005	0.236	0.165	7	1.2	0.018	0.007	1.46	1.65	11,200	11,100	0.295	0.09	<0.01	<0.01	0.725	0.736	0.244	0.217	258	253	-	-	0.787	0.738	1830	1810	<0.005	<0.005	516	512	89	91.9	-	-	0.005
	15/12/2012	A4	B2B4014	0.008	0.005	1.61	0.365	2.8	2.3	0.007	0.008	1.49	1.52	12,100	12,500	0.132	0.105	<0.01	<0.01	0.836	0.818	0.159	0.185	242	259	-	-	0.773	0.854	1850	1820	<0.005	<0.005	535	550	95.5	96.7	-	-	0.005
	24/01/2013	A4	B306701	0.005	0.005	<0.05	0.068	<1	1.1	<0.005	0.014	1.64	1.37	11,900	12,700	0.097	0.05	<0.01	<0.01	0.908	0.879	0.175	0.18	261	265	-	-	1.03	1.11	1820	1790	<0.005	<0.005	502	546	108	103	-	-	0.005
	20/02/2013	A4	B314188	0.019	0.007	0.167	0.379	22.7	<1	0.038	0.007	1.73	1.52	12,700	12,600	1.24	0.06	<0.01	<0.01	0.891	0.922	0.201	0.137	243	237	-	-	0.905	0.874	1830	1750	<0.005	<0.005	510	518	119	116	-	-	0.005
	20/03/2013	A4	B322778	0.01	0.008	0.106	0.089	3	1.2	0.01	0.005	1.8	1.91	13,000	12,600	0.099	0.074	<0.01	<0.01	0.907	0.92	0.135	0.145	272	266	-	-	1.03	0.825	1730	1550	<0.005	<0.005	668	616	114	117	-	-	0.005
	17/04/2013	A4	B330896	0.005	0.006	0.188	0.131	2.5	<1	0.006	<0.005	1.87	1.87	11,900	13,000	0.093	0.059	<0.01	<0.01	0.867	0.797	0.236	0.203	259	296	-	-	0.819	0.795	1560	1460	<0.005	<0.005	677	739	108	106	-	-	0.003
	23/05/2013	A4	B341817	0.146	0.016	0.52	0.199	146	6.2	0.248	0.007	0.66	0.52	7390	6790	13.1	0.26	<0.01	<0.01	0.169	0.213	0.705	0.284	256	223	-	-	0.155	0.165	1460	1470	<0.005	<0.005	321	311	36.4	34.9	-	-	0.01
	20/06/2013	A4	B351922	7.19	0.026	13.1	0.296	4860	27.1	11.1	0.047	4.39	<0.5	26,400	5240	665	1.32	<0.01	<0.01	0.128	0.203	18.5	0.32	776	373	-	-	0.235	0.179	3850	1320	0.008	<0.005	377	269	95.6	33.7	-	-	0.097
	17/07/2013	A4	B361290	0.011	0.008	0.132	0.102	5.1	2.5	0.008	0.007	1.06	1.07	8440	8470	0.301	0.1	<0.01	<0.01	0.6	0.622	0.217	0.211	205	223	-	-	0.738	0.696	1590	1350	<0.005	<0.005	337	341	57.3	57	-	-	0.003
	26/08/2013	A4	B376191	0.012	0.006	0.17	0.126	2.8	1.5	0.007	<0.005	1.43	1.31	11,000	10,700	0.271	0.084	<0.01	<0.01	0.779	0.708	0.211	0.246	239	250	-	-	0.762	0.741	1710	1770	<0.005	<0.005	431	429	80.5	81.2	-	-	0.004
	26/09/2013	A4	B388572	0.016	0.007	0.123	0.118	2	<1	0.026	0.013	1.33	1.12	10,600	10,200	0.084	<0.05	<0.01	<0.01	0.824	0.857	0.191	0.243	247	261	-	-	0.873	0.969	1510	1550	<0.005	<0.005	430	410	81.7	83.4	-	-	0.004
	24/10/2013	A4	B399472	0.007	0.009	0.065	0.082	1.6	<1	<0.005	0.01	1.13	1.19	10,600	10,700	0.103	<0.05	<0.002	<0.002	0.721	0.713	0.214	0.228	243	254	-	-	0.903	0.794	1590	1500	<0.005	<0.005	422	430	84.7	81.1	-	-	0.004
	21/11/2013	A4	B3A8725	<0.005	0.005	0.085	0.243	1.6	<1	0.017	<0.005	1.13	1.35	11,900	11,800	0.092	0.067	<0.01	<0.002	0.755	0.866	0.214	0.208	257	231	-	-	1.05	0.875	1570	1600	<0.005	<0.005	498	478	92.3	90.1	-	-	0.004
	21/11/2013	A4-DUP	B3A8725	0.009	0.008	0.081		2.5	<1	0.019	<0.005	1.42	1.54	12,200	11,800	0.182	0.054	<0.01	<0.002	0.805	0.856	0.258	0.189	287	240	-	-	1.02	0.85	1630	1670	<0.005	<0.005	517	505	97.5	94.1	-	-	0.005
	22/12/2013	A4	B3B7782	0.007	0.007	0.072	0.077	2.8	<1	<0.005	<0.005	1.57	1.42	11,800	10,900	0.105	<0.05	<0.002	<0.002	0.917	0.883	0.193	0.15	235	198	-	-	0.878	1.06	1710	1750	<0.005	<0.005	497	439	104	98.8	-	-	0.003
	28/01/2014	A4	B407313	0.006	<0.005	0.169	0.129	5.6	4.6	0.008	0.006	2.14	2.04	11,600	11,300	0.55	0.382	<0.002	<0.002	0.806	0.782	0.199	0.118	264	264	-	-	0.904	0.867	1880	1910	<0.005	<0.005	918	928	105	103	-	-	<0.002
	26/02/2014	A4	B416171	0.009	0.006	0.573	1.25	4.1	<1	0.005	<0.005	1.6	1.59	12,800	12,600	0.245	<0.05	<0.002	<0.002	0.929	0.861	0.189	0.185	239	236	-	-	0.954	0.948	1690	1630	<0.005	<0.005	507	499	113	112	-	-	0.007
	27/03/2014	A4	B424928	<0.005	0.005	0.06	0.092	1.6	<1	<0.005	<0.005	1.61	1.8	13,100	12,600	0.103	<0.05	<0.002	<0.002	0.939	0.919	0.201	0.209	254	251	-	-	0.924	1.03	1690	1720	<0.005	<0.005	540	508	117	125	-	-	0.003
	24/04/2014	A4	B432952	0.009	0.01	0.116	0.124	3.4	1.4	0.005	<0.005	2.14	2.09	12,200	12,600	0.187	0.056	<0.002	<0.002	0.875	0.856	0.209	0.185	269	283	-	-	0.882	0.879	1710	1810	<0.005	<0.005	910	895	111	109	-	-	0.003
	15/05/2014	A4	B439804	0.038	0.014	0.428	0.252	42	2.7	0.051	<0.005	1.8	1.59	9850	10,300	1.71	0.132	<0.002	<0.002	0.546	0.519	0.446	0.28	270	258	-	-	0.499	0.507	1690	1720	<0.005	<0.005	600	576	79	83	-	-	0.004
	22/05/2014	A4	B442060	0.098	0.018	0.35	0.246	93	2.7	0.149	<0.005	1.03	0.83	7950	7590	6.21	0.212	<0.002	<0.002	0.239	0.245	1.29	0.218	255	234	-	-	0.217	0.196	1610	1430	<0.005	<0.005	401	390	45.1	43.3	-	-	0.008
	30/05/2014	A4	B444272	0.029	0.012	0.185	0.198	31	2.7	0.037	<0.005	0.69	0.62	8360	7900	1.63	0.101	<0.002	<0.002	0.262	0.248	0.256	0.199	229	216	-	-	0.211	0.211	1450	1500	<0.005	<0.005	350	337	40.4	39.7	-	-	0.004
	05/06/2014	A4	B446972	0.023	0.014	0.205	0.337	29.4	3.9	0.027	0.034	0.56	<0.5	7130	6630	1.28	0.118	<0.002	<0.002	0.243	0.24	0.219	0.217	200	194	-	-	0.201	0.213	1500	1480	<0.005	<0.005	322	311	36.9	35.7	-	-	0.003
	12/06/2014	A4	B449500	0.018	0.011	0.251	0.154	19.3	1.6	0.021	0.006	0.57	<0.5	7560	7380	0.864	0.084	<0.002	<0.002	0.309	0.342	0.228	0.185	207	196	-	-	0.243	0.217	1460	1420	<0.005	<0.005	302	303	41.2	39.8	-	-	0.002
	24/07/2014	A4	B464009	0.018	0.012	0.101	0.172	12.8	3.4	0.026	0.007	1.18	1.08	10,800	9240	0.564	0.187	0.0038	0.0024	0.646	0.613	0.327	0.295	271	246	-	-	0.584	0.521	1720	1760	<0.005	0.006	393	375	68.1	68	-	-	0.003
	21/08/2014	A4	B474408	0.006	0.006	0.123	0.12	2.8	1	0.006	<0.005	1.33	1.35	10,700	10,500	0.144	0.077	0.0026	<0.002	0.68	0.683	0.267	0.151	216	238	-	-	0.681	0.609	1570	1830	<0.005	<0.005	387	379	81.8	82.3	-	-	0.003
	28/08/2014	A4	B476541	0.007	0.007	0.109	0.078	7.9	2.6	0.007	<0.005	1.3	1.23	10,200	10,100	0.195	0.054	0.0028	0.0053	0.698	0.707	0.226	0.194	223	219	-	-	0.7	0.777	1510	1580	0.006	0.006	371	366	80.9	79.1	-	-	0.004
	05/09/2014	A4	B479164	0.012	0.011	0.402	0.143	5.9	6.6	0.027	<0.005	1.04	1.11	9110	9380	0.308	0.074	0.004	<0.002	0.712	0.76	0.221	0.209	224	225	-	-	0.699	0.695	1610	1540	<0.005	<0.005	330	330	75	76.8	-	-	0.003
	12/09/2014	A4	B481292	0.008	0.009	0.155	0.107	1.3	<1	0.035	<0.005	1.03	1.03	11,000	10,300	0.146	<0.05	0.0053	0.0028	0.708	0.682	0.209	0.203	247	239	-	-	0.805	0.748	1620	1670	<0.005	<0.005	377	368	70.8	68.6	-	-	0.002
	18/09/2014	A4	B483962	0.009	0.007	1.12	0.318	2.5	<1	0.058	<0.005	0.9	0.77	10,300	9760	0.152	<0.05	<0.002	0.004	0.629	0.698	0.199	0.241	234	211	-	-	0.689	0.684	1540	1510	<0.005	<0.005	324	310	69	69.5	-	-	0.003
	31/10/2014	A4	B499587	0.007	0.009	0.114	0.107	1	<1	<0.005	<0.005	1.27	1.25	11,900	11,900	0.082	0.058	<0.002	<0.002	0.786	0.794	0.227	0.247	238	278	-	-	0.796	0.793	1520	1690	<0.005	<0.005	451	451	86.4	91.3	-	-	0.002
	27/11/2014	A4	B4A9093	0.0062	<0.005	0.14	0.185	3.1	5.5	0.0143	0.043	1.76	1.3	11,200	12,100	0.157	<0.05	<0.002	<0.002	0.765	0.704	0.189	0.42	271	270	-	-	0.72	0.811	1700	1580	<0.005	<0.005	469	550	94.6	84.4	-	-	0.0037
	18/12/2014	A4	B4B5326	0.0063	<0.005	0.096	0.159	1.7	1.1	<0.005	0.006	1.66	1.36	10,500	12,700	0.062	<0.05	<0.002	<0.002	0.743	0.768	1.02	0.22	225	246	-	-	0.665	0.671	1670	1900	<0.005	<0.005	474	518	87.4	92.4	-	-	0.0027
	22/01/2015	A4	B505986	<0.005	<0.005	0.087	0.066	<1	<1	<0.005	<0.005	1.58	1.65	13,400	12,700	0.06	<0.05	0.0037	<0.002	0.855	0.923	0.172	0.156	252	254	-	-	0.79	0.793	1830	1700	<0.005	<0.005	553	528	105	107	-	-	0.004
	26/02/2015	A4	B516449	0.0059	<0.005	0.071	0.495	1.1	<1	<0.005	0.012	1.53	1.55	12,500	13,000	0.089	<0.05	<0.002	<0.002	0.874	0.891	0.17	0.15	239	234	-	-	0.883	0.887	1980	1800	<0.005	<0.005	623	593	104	107	-	-	0.0022
	26/03/2015	A4	B525184	0.0076	0.0074	0.093	0.532	2.6	<1	0.0053	0.0133	1.96	1.98	12,200	12,100	0.11	<0.05	<0.002	<0.002	0.742	0.736	0.179	0.184	278	268	-	-	0.645	0.674	1790	1830	<0.005	<0.005	795	788	97.6	98	-	-	<0.002
	23/04/2015	A4	B533584	0.034	0.0126	0.48	0.147	39.5	1.5	<0.05	<0.005	0.8	0.85	8420	8370	1.2	0.106	<0.002	<0.002	0.369	0.376	0.34	0.257	<250	229	-	-	0.198	0.274	1430	1470	<0.005	<0.005	410	429	55.2	56.5	-	-	0.0032
	14/05/2015	A4	B540628	0.047	0.0225	0.742	0.761	66.4	23.8	0.0644	0.0194	<0.5	0.85	9500	10,800	2.84	1.42	<0.002	<0.002	0.422	0.421	0.521	0.567	268	302	-	-	0.281	0.356	1410	1780	<0.005	<0.005	520	560	55.3	56.1	-	-	0.0065
	21/05/2015	A4	B542667	0.021	0.008	0.182	0.168	23.9	3.3	0.018	0.008	0.73	0.68	8840	8490	0.734	0.153	<0.002	<0.002	0.295	0.311	0.252	0.244	228	231	-	-	0.21	0.251	1160	1390	<0.005	<0.005	366	343	45.1	47.4	-	-	0.005
	28/05/2015	A4	B545872	0.029	0.009	0.215	0.134	32.2	6.9	0.039	0.01	0.55	<0.5	7960	7670	1.69	0.202	<0.002	<0.002	0.276	0.302	0.277	0.317	213	221	-	-	0.216	0.203	1370	1350	<0.005	<0.005	266	287	40.3	39.8	-	-	0.005
	05/06/2015	A4	B547761	0.0255	0.0095	0.135	0.111	29.6	2.1	0.0318	<0.005	<0.5	0.64	7980	7980	1.74	0.089	<0.002	<0.002	0.266	0.272	0.308	0.293	202	202	-	-	0.215	0.23	1720	1460	<0.005	<0.005	292	311	39.2	39.5	-	-	0.003
	11/06/2015	A4	B549906	0.0261	0.008	0.175	0.108	25.5	2.3	0.025	<0.005	0.59	<0.5	11,500	8150	1.2	0.082	<0.002	<0.002	0.388	0.394	0.494	0.354	315	204	-	-	0.341	0.307	1250	1360	<0.005	<0.005	455	321	63.8	43.5	-	-	0.004
	23/07/2015	A4	B563471	0.0078	<0.005	0.11	0.05	6.2	<1	0.0066	<0.005	0.87	0.85	10,200	10,500	0.164	<0.05	<0.002	<0.002	0.683	0.637	0.181	0.163	233	227	-	-	0.57	0.592	1490	1510	<0.005	<0.005	376	377	74.3	73.8	-	-	0.0044
	20/08/2015	A4	B572515	0.005	<0.005	0.092	0.086	1.8	<1	<0.005	<0.005	1.78	1.89	11,400	11,800	0.104	<0.05	<0.002	<0.002	0.796	0.776	0.167	0.158	237	243	-	-	0.764	0.708	1740	1890	<0.005	<0.005	434	426	93.6	99.4	-	-	0.004
	27/08/2015	A4	B575103	<0.005	0.005	0.052	0.086	2.3	<1	0.008	<0.005	0.99	1.32	10,500	10,900	0.059	0.056	<0.002	<0.002	0.795	0.801	0.18	0.182	205	218	-	-	0.673	0.78	1590	1690	<0.005	<0.005	371	397	85.5	94.6	-	-	0.004
	03/09/2015	A4	B577658	0.008	<0.005	1.43	0.078	5.4	<1	<0.005	<0.005	1.49	1.63	11,600	11,300	0.277	<0.05	<0.002	<0.002	0.81	0.863	0.501	0.135	239	223	-	-	0.722	0.837	1520	1450	<0.005	<0.005	439	458	91.7	93.8	-	-	0.004
	10/09/2015	A4	B579637	0.01	0.01	0.1	0.072	8.1	2.9	0.011	0.055	1.76	1.98	11,300	11,300	0.397	0.071	<0.002	<0.002	0.879	0.858	0.234	0.197	252	245	-	-	0.901	0.904	1690	1680	<0.005	<0.005	405	392	102	102	-	-	0.005
	17/09/2015	A4	B582068	0.009	0.005	0.12	0.074	3.8	1.3	0.005	<0.005	1.54	2.44	10,900	11,000	0.182	<0.05	<0.002	<0.002	0.776	0.78	0.291	0.187	256	248	-	-	0.941	0.916	1660	1520	<0.005	<0.005	402	386	88.5	85.1	-	-	0.004
	12/05/2016	A4	B637198	0.013	0.009	0.47	0.099	9.2	2.1	<0.05	<0.005	0.51	0.98	8820	8030	0.49	0.072	<0.002	<0.002	0.388	0.378	0.24	0.195	<250	202	-	-	0.35	0.294	1700	1400	<0.005	<0.005	400	361	52.8	48.3	-	-	0.003
	20/07/2018	A4	L2133661	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	1.2	1.2	11,000	9580	0.31	0.12	<0.005	<0.005	0.65	0.61	<0.5	<0.5	222	228	<0.2	<0.2	0.74	0.655	1610	1460	<0.01	<0.01	403	374	75.7	73	<0.2	<0.2	<0.01
	09/11/2018	A4	L2195291	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	1.7	1.7	12,100	14,000	<0.1	<0.1	<0.005	<0.005	0.881	0.905	<0.5	<0.5	246	266	<0.2	<0.2	0.968	0.906	1720	1550	<0.01	<0.01	497	524	109	115	<0.2	<0.2	<0.01
	05/03/2019	A4	L2240838	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	1.8	1.8	13,300	12,500	<0.1	<0.1	<0.005	<0.005	1.01	0.868	<0.5	<0.5	250	244	<0.2	<0.2	1.06	1.04	1700	1540	<0.01	<0.01	524	478	136	124	<0.2	<0.2	<0.01
	17/06/2019	A4	L2295044	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	<1	<1	8450	8330	0.25	0.1	<0.005	<0.005	0.412	0.45	<0.5	<0.5	187	230	<0.2	<0.2	0.469	0.416	1370	1330	<0.01	<0.01	317	356	46.7	51.5	<0.2	<0.2	<0.01

Sample Date	Sample ID	Lab Report Number	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc (Filtered)	Zirconium	Zirconium (Filtered)	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
			Metals																	Polycyclic Aromatic Hydrocarbons (PAHs)																							
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1	0.1	0.06	0.06	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater																Variable[#4]								0.05	0.1	0.1								0.2			1		0.02				
BC WQG Working - Fresh Water Aquatic Life			0.8[#19]					2000[#20]	2000[#20]			8.5	8.5																											3.4			
CWQG Aquatic Life Freshwater - Long Term			0.8									15	15				Variable					5.8		4.4	0.012	0.018	0.015							0.04	3		1.1	0.4	0.025	3.4			
CWQG Aquatic Life Freshwater - Short Term												33	33				Variable																										
16/05/2012	A3	B240844	0.003	-	-	<0.2	<0.2	3.03	<0.5	-	-	0.188	0.142	0.6	<0.2	5.21	0.47	0.16	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/06/2012	A3	B252527	0.0024	-	-	<0.2	<0.2	2.38	<0.5	-	-	0.197	0.147	0.47	<0.2	4.43	2.06	0.13	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	A3	B265706	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.201	0.192	<0.2	<0.2	1.06	0.45	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	A3	B276408	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.235	0.247	<0.2	<0.2	0.23	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	A3	B283851	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.256	0.252	<0.2	<0.2	0.22	0.3	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A3	B297129	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.274	0.268	<0.2	<0.2	0.81	0.62	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	A3	B2A7294	<0.002	-	-	<0.2	0.23	<0.5	<0.5	-	-	0.215	0.212	<0.2	<0.2	0.35	2.69	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	A3	B2B4014	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.255	0.251	<0.2	<0.2	0.5	0.45	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	A3	B306701	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.267	0.263	<0.2	<0.2	3.9	1.97	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	A3	B330896	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.253	0.252	<0.2	<0.2	0.37	0.26	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A3	B341817	<0.002	-	-	<0.2	<0.2	0.89	<0.5	-	-	0.187	0.166	0.43	<0.2	2.66	0.49	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A3-DUP	B341817	<0.002	-	-	<0.2	<0.2	0.68	<0.5	-	-	0.178	0.139	0.5	<0.2	3	0.38	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	A3	B351922	<0.002	-	-	<1	<0.2	<2.5	1.46	-	-	1.53	0.109	10.1	0.31	93.8	0.87	0.93	0.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A3	B361290	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.207	0.21	<0.2	<0.2	0.3	0.56	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A3-DUP	B361290	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.204	0.206	<0.2	<0.2	0.33	0.33	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	A3	B376191	<0.002	-	-	<0.2	0.58	<0.5	<0.5	-	-	0.251	0.267	<0.2	<0.2	0.4	0.58	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2013	A3	B387669	0.002	-	-	<0.2	0.23	0.79	<0.5	-	-	0.216	0.241	<0.2	<0.2	0.55	1.95	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	A3	B399472	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.224	0.232	<0.2	<0.2	0.39	0.33	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	A3	B3A8725	<0.002	-	-	<0.2	<0.2	0.67	<0.5	-	-	0.272	0.287	<0.2	<0.2	1.09	0.18	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	A3	B407313	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.266	0.272	<0.2	<0.2	0.2	0.42	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.057	<0.02	<0.5	<0.5	<0.05	<0.5
24/04/2014	A3	B432952	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.23	0.237	<0.2	<0.2	0.25	0.16	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	A3	B439804	0.002	-	-	<0.2	<0.2	0.99	<0.5	-	-	0.179	0.166	0.32	<0.2	1.65	0.34	0.11	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	A3	B442060	<0.002	-	-	<0.2	<0.2	1.89	<0.5	-	-	0.238	0.165	0.91	<0.2	6.81	0.48	0.11	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	A3	B444272	<0.002	-	-	<0.2	<0.2	1.34	<0.5	-	-	0.2	0.17	0.37	<0.2	2.03	0.34	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A3	B446972	<0.002	-	-	<0.2	<0.2	4.43	2.75	-	-	0.181	0.152	0.4	<0.2	2.99	2.53	0.23	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	A3	B449500	0.003	-	-	<0.2	<0.2	2.12	<0.5	-	-	0.188	0.163	0.39	<0.2	2.38	0.53	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/02/2015	A3 (B)	B516449	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.614	0.552	<0.2	<0.2	0.47	0.25	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	A3(B)	B464009	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.522	0.507	<0.2	0.22	0.63	0.76	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	A3(B)	B474408	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.505	0.554	<0.2	<0.2	0.78	0.27	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	A3(B)	B476541	0.002	-	-	<0.2	0.43	<0.5	<0.5	-	-	0.555	0.549	<0.2	<0.2	0.66	0.65	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	A3(B)	B479164	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.504	0.55	<0.2	<0.2	0.46	0.33	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	A3(B)	B481292	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.574	0.56	<0.2	0.21	0.52	0.44	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	A3(B)	B483962	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.577	0.551	<0.2	<0.2	0.51	0.47	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	A3(B)	B499587	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.535	0.605	<0.2	<0.2	0.62	0.24	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	A3(B)	B4A9093	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.598	0.596	<0.2	<0.2	0.36	0.3	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	A3(B)	B4B5326	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.541	0.566	<0.2	<0.2	0.26	0.43	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	A3(B)	B505986	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.535	0.545	<0.2	<0.2	0.2	0.16	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/02/2015	A3(B)-DUP	B516449	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.533	0.541	<0.2	<0.2	0.26	0.22	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A3(B)	B525184	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.542	0.572	<0.2	<0.2	0.56	0.91	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	A3(B)	B533584	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.412	0.414	<0.5	<0.2	1.4	0.38	<0.1	0.12	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2015	A3(B)	B540628	0.0029	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.457	0.484	<0.2	0.31	0.87	5.95	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2015	A3(B)-DUP	B540628	0.0023	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.478	0.467	<0.2	<0.2	2.03	0.85	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A3(B)	B542667	0.003	-	-	<0.2	<0.2	0.71	<0.5	-	-	0.373	0.357	0.21	<0.2	0.86	0.41	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A3(B)	B545872	0.004	-	-	<0.2	<0.2	1.73	<0.5	-	-	0.323	0.322	0.26	<0.2	1.1	0.33	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	A3(B)	B547761	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.373	0.333	<0.5	<0.2	1.8	0.82	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A3(B)	B549906	0.0022	-	-	<0.2	<0.2	0.74	<0.5	-	-	0.45	0.478	0.2	<0.2	0.8	0.29	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	A3(B)	B563471	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.592	0.56	<0.2	<0.2	0.44	0.47	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	A3(B)	B572515	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.593	0.582	<0.2	<0.2	0.36	0.26	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	A3(B)	B575103	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.6	0.596	<0.2	<0.2	0.44	0.39	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	A3(B)	B577658	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.589	0.571	<0.2	<0.2	0.39	0.49	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	A3(B)	B579637	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.646	0.699	<0.2	0.25	0.59	0.39	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	A3(B)	B582068	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.662	0.667	<0.2	<0.2	0.49	0.31	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	A3(B)	B637198	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.386	0.404	<0.5	<0.2	<1	0.44	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	A3(B)	L2133661	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.546	0.552	<0.5	<0.5	<3	<1	<0.06	<0.06	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	A3(B)	L2195291	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.615	0.597	<0.5	<0.5	<3	<1	<0.06	<0.06	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	A3(B)	L2240838	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.527	0.546	<0.5	<0.5	<3	<1	<0.06	<0.06	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	A3(B)	L2295044	<0.01	<0.1	<0.1	<0.1	<0.1	0.37	<0.3	<0.1	<0.1	0.426	0.481	<0.5	<0.5	<3	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
16/05/2012	A4	B240844	0.004	-	-	<0.2	<0.2	1.16	<0.5	-	-	0.244	0.228	0.32	<0.2	3.5	1.03	0.11	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/06/2012	A4	B252527	0.0022	-	-	<0.2	<0.2	0.79	<0.5	-	-	0.228	0.206	0.21	<0.2	2.91	1.18	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	A4	B265706	0.004	-	-	<0.2	<0.2	0.54	<0.5	-	-	0.512	0.486	<0.2	<0.2	3.1	0.95	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	A4	B276408	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.678	0.664	0.25	0.28	1.06	1.08	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	A4	B283851	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.731	0.726	<0.2	<0.2	1.07	1.28	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A4	B297129	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.813	0.778	<0.2	<0.2	1.19	0.91	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	A4	B2A7294	0.005	-	-	0.27	<0.2	<0.5	<0.5	-	-	0.723	0.744	<0.2	<0.2	2	1.14	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	A4	B2B4014	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.787	0.805	<0.2	<0.2	1.42	1.23	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/01/2013	A4	B306701	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.836	0.839	<0.2	<0.2	1.09	1.4	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/02/2013	A4	B314188	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.836	0.827	<0.2	<0.2	1.86	1.11	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	A4	B322778	0.004	-	-	0.24	<0.2	<0.5	<0.5	-	-	0.855	0.837	<0.2	0.26	1.29	1.36	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	A4	B330896	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.798	0.783	<0.2	<0.2	1.11	1.11	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A4	B341817	0.002	-	-	<0.2	<0.2	0.98	<0.5	-	-	0.249	0.232	0.49	<0.2	2.76	0.64	0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	A4	B351922	0.002	-	-	<0.2	<0.2	3.3	0.61	-	-	1.25	0.167	7.99	<0.2	73.8	1.54	0.54	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A4	B361290	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.562	0.566	<0.2	<0.2	1.03	1.07	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	A4	B376191	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.728	0.758	<0.2	<0.2	1.23	1.21	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	A4	B388572	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.811	0.786	<0.2	<0.2	1.04	0.96	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	A4	B399472	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.749	0.791	<0.2	<0.2	1.34	1.28	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	A4	B3A8725	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.803	0.776	<0.2	<0.2	2	0.87	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	A4-DUP	B3A8725	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.864	0.831	<0.2	<0.2	2.1	0.88	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	A4	B3B7782	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.833	0.8	<0.2	<0.2	1.06	0.91	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	A4	B407313	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.69	0.687	<0.2	<0.2	0.9	0.86	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	0.17	0.058	<0.02	<0.5	<0.5	<0.05	<0.5
26/02/2014	A4	B416171	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.833	0.833	<0.2	<0.2	1.58	1.07	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/03/2014	A4	B424928	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.871	0.879	<0.2	<0.2	2.1	1.06	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	A4	B432952	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.761	0.768	<0.2	<0.2	0.97	0.65	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	A4	B439804	0.004	-	-	<0.2	<0.2	0.82	<0.5	-	-	0.506	0.505	0.2	<0.2	1.71	0.94	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	A4	B442060	0.002	-	-	<0.2	<0.2	1.04	<0.5	-	-	0.296	0.269	0.34	<0.2	2.44	0.66	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/05/2014	A4	B444272	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.291	0.281	0.22	<0.2	1.07	0.52	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A4	B446972	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.256	0.248	<0.2	<0.2	1.02	1.85	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	A4	B449500	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.327	0.323	<0.2	<0.2	0.91	0.64	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	A4	B464009	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.608	0.587	<0.2	0.23	1.3	1.4	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	A4	B474408	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.688	0.693	<0.2	<0.2	1.25	0.93	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	A4	B476541	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.747	0.749	0.21	0.23	1.19	0.9	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	A4	B479164	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.673	0.692	<0.2	<0.2	1.59	2.12	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	A4	B481292	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.707	0.719	<0.2	0.22	1.21	0.92	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	A4	B483962	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.692	0.685	<0.2	<0.2	1.55	1.03	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
31/10/2014	A4	B499587	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.76	0.83	<0.2	<0.2	1.3	1.34	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	A4	B4A9093	<0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.793	0.788	<0.2	<0.2	1.37	1.91	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	A4	B4B5326	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.74	0.763	<0.2	<0.2	0.95	1.05	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	A4	B505986	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.795	0.804	<0.2	<0.2	0.95	0.92	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	A4	B516449	0.004	-	-	<0.2	0.26	<0.5	<0.5	-	-	0.886	0.811	<0.2	<0.2	1.09	1.18	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A4	B525184	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.711	0.748	<0.2	<0.2	1	1.47	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	A4	B533584	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.412	0.422	<0.5	<0.2	1.4	0.9	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	A4	B540628	0.0046	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.505	0.498	<0.2	0.21	3.78	4.4	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A4	B542667	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.364	0.379	<0.2	0.25	1.01	2.27	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A4	B545872	0.004	-	-	<0.2	<0.2	0.53	<0.5	-	-	0.321	0.314	<0.2	<0.2	1.06	1.48	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	A4	B547761	0.0026	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.337	0.35	<0.2	<0.2	1.04	1.11	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A4	B549906	0.0026	-	-	<0.2	<0.2	0.83	<0.5	-	-	0.456	0.437	0.3	0.21	1.52	0.66	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	A4	B563471	0.0029	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.8	0.732	0.24	0.22	1.34	1.05	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	A4	B572515	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.787	0.79	<0.2	<0.2	1.15	1.05	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	A4	B575103	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.829	0.854	0.23	<0.2	0.95	1.23	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	A4	B577658	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.824	0.813	<0.2	<0.2	1.51	1.19	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	A4	B579637	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.943	0.971	<0.2	0.31	1.75	2.08	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	A4	B582068	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.946	0.929	<0.2	<0.2	1.71	1.07	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	A4	B637198	0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.426	0.457	<0.5	<0.2	1.4	0.78	<0.1	<0.1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	A4	L2133661	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.676	0.677	<0.5	<0.5	<3	1	<0.06	<0.06	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	A4	L2195291	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.892	0.9	<0.5	<0.5	4.3	1	<0.06	<0.06	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	A4	L2240838	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.957	0.912	<0.5	<0.5	<3	1.1	<0.06	<0.06	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	A4	L2295044	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.455	0.529	<0.5	<0.5	<3	1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered) vs. Short-term (acute)	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium	Potassium (Filtered)
				μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
RDL				0.005	0.005	0.05	0.05	1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10	10
BC WQG Approved Short Term Maximum (Acute) - Freshwater				110			Variable	1000[#9]	350[#9]	Variable[#4]						Variable[#4]				2000					
BC WQG Working - Fresh Water Aquatic Life												870[#17]	870[#17]									Variable[#4]		373000[#18]	373000[#18]
CWQG Aquatic Life Freshwater - Long Term						Variable		300	300	Variable[#26]								0.026		73		Variable[#27]			
CWQG Aquatic Life Freshwater - Short Term																									
	18/06/2012	A5	B252527	0.0147	0.0122	0.686	0.241	6.1	4.3	0.0292	0.0242	<0.5	<0.5	7260	7060	0.495	0.141	<0.01	<0.01	0.13	0.151	0.118	0.152	154	144
	24/07/2012	A5	B265706	0.008	0.013	0.14	0.577	5.1	5	0.145	0.226	<0.5	<0.5	9050	8900	0.065	0.267	<0.01	<0.01	0.326	0.339	0.128	0.202	159	205
	25/08/2012	A5	B276408	<0.005	<0.005	0.127	0.105	3.1	4.8	0.007	0.006	<0.5	<0.5	11,000	11,000	0.094	0.066	<0.01	<0.01	0.592	0.66	0.091	0.078	188	183
	17/09/2012	A5	B283851	<0.005	<0.005	<0.05	0.19	<1	<1	<0.005	<0.005	<0.5	<0.5	11,300	12,000	0.063	<0.05	<0.01	<0.01	0.706	0.736	0.069	0.064	229	207
	24/10/2012	A5	B297129	0.007	<0.005	<0.05	0.05	4.5	1.8	0.018	0.017	<0.5	<0.5	11,500	11,900	0.189	0.067	<0.01	<0.01	0.838	0.789	0.159	0.069	198	211
	24/11/2012	A5	B2A7294	0.006	0.005	0.216	0.558	3.8	6	0.013	0.034	<0.5	<0.5	12,400	12,200	0.132	0.085	<0.01	<0.01	0.754	0.743	0.104	0.111	261	225
	15/12/2012	A5	B2B4014	<0.005	<0.005	0.05	0.142	1.1	4.7	<0.005	0.023	<0.5	<0.5	13,300	13,700	0.068	0.127	<0.01	<0.01	0.861	0.859	0.094	0.095	239	259
	24/01/2013	A5	B306701	0.006	<0.005	0.62	0.068	2	<1	0.043	<0.005	<0.5	<0.5	12,100	12,200	0.187	<0.05	<0.01	<0.01	0.859	0.884	0.176	0.124	245	221
	20/02/2013	A5	B314188	<0.005	0.006	0.703	0.915	3.9	<1	0.006	<0.005	<0.5	<0.5	12,700	12,700	0.083	<0.05	<0.01	<0.01	0.895	0.914	0.11	0.049	227	226
	20/03/2013	A5	B322778	<0.005	0.007	0.073	0.109	3.3	1.8	0.011	0.008	<0.5	<0.5	12,800	12,700	0.063	0.055	<0.01	<0.01	0.721	0.919	0.082	0.052	265	255
	17/04/2013	A5	B330896	0.005	<0.005	0.062	0.123	1.5	1	<0.005	<0.005	<0.5	<0.5	12,800	12,600	0.068	<0.05	<0.01	<0.01	0.847	0.754	0.076	0.082	250	249
	23/05/2013	A5	B341817	0.023	0.016	0.262	0.154	11.9	3.3	0.029	0.01	<0.5	<0.5	7540	6850	0.841	0.101	<0.01	<0.01	0.123	0.124	0.294	0.21	175	162
	20/06/2013	A5	B351922	0.119	0.016	0.632	0.266	135	7	0.469	0.014	0.5	<0.5	8790	5130	17.6	0.406	<0.01	<0.01	0.086	0.109	0.977	0.149	241	218
	17/07/2013	A5	B361290	0.009	0.008	0.825	0.14	5.9	<1	0.017	<0.005	<0.5	<0.5	8090	8880	0.076	<0.05	<0.01	<0.01	0.394	0.395	0.08	0.122	133	155
	26/08/2013	A5	B376191	0.008	0.009	0.122	0.156	1.4	<1	0.007	<0.005	<0.5	<0.5	11,900	11,500	0.09	<0.05	<0.01	<0.01	0.592	0.661	0.176	0.174	202	203
	26/09/2013	A5	B388572	0.01	0.005	0.059	0.122	<1	1.8	0.015	0.007	<0.5	<0.5	12,400	11,600	<0.05	<0.05	<0.01	<0.01	0.777	0.759	0.098	0.096	204	206
	26/09/2013	A5-DUP	B388572	0.011	0.011	0.126		<1	<1	0.017	<0.005	<0.5	<0.5	13,000	12,200	0.054	0.114	<0.01	<0.01	0.756	0.734	0.101	0.098	232	212
	24/10/2013	A5	B399472	0.006	0.015	0.117	0.102	2.9	6.1	0.006	<0.005	1.56	1.3	11,400	11,100	0.161	0.072	<0.002	0.0037	0.535	0.506	0.129	0.155	288	311
	21/11/2013	A5	B3A8725	0.005	0.005	0.083	0.055	<1	<1	0.016	<0.005	<0.5	<0.5	12,900	12,100	<0.05	0.074	<0.01	<0.002	0.64	0.768	0.122	0.079	220	206
	22/12/2013	A5	B3B7782	0.012	0.005	0.166	0.125	<1	<1	0.005	<0.005	<0.5	<0.5	11,900	11,000	0.062	<0.05	<0.002	<0.002	0.831	0.856	0.136	0.115	227	205
	28/01/2014	A5	B407313	<0.005	<0.005	0.359	0.081	1.2	<1	0.006	<0.005	<0.5	<0.5	12,500	11,900	0.052	<0.05	<0.002	<0.002	0.869	0.836	0.078	0.064	228	228
	26/02/2014	A5	B416171	0.005	<0.005	0.287	1.34	1	<1	0.005	0.005	<0.5	<0.5	12,700	13,000	<0.05	<0.05	<0.002	<0.002	0.868	0.852	0.099	0.07	230	219
	27/03/2014	A5	B424928	<0.005	0.005	0.168	0.155	1	<1	<0.005	<0.005	<0.5	<0.5	12,500	13,100	<0.05	<0.05	<0.002	<0.002	0.896	0.908	0.131	0.143	246	231
	24/04/2014	A5	B432952	<0.005	0.006	0.14	0.173	1.7	1.2	<0.005	<0.005	<0.5	<0.5	12,000	12,300	0.114	<0.05	<0.002	<0.002	0.748	0.771	0.101	0.091	237	250
	15/05/2014	A5	B439804	0.014	0.011	0.305	0.284	7.9	1.5	0.047	<0.005	<0.5	<0.5	10,900	11,400	0.285	<0.05	<0.002	<0.002	0.405	0.384	0.278	0.134	212	200
	22/05/2014	A5	B442060	0.017	0.012	0.199	0.174	7.4	<1	0.017	<0.005	<0.5	<0.5	8300	7990	0.494	0.08	<0.002	<0.002	0.139	0.165	0.193	0.164	179	167
	30/05/2014	A5	B444272	0.011	0.011	0.126	0.132	3	1.2	0.005	<0.005	<0.5	<0.5	8460	8650	0.154	0.142	<0.002	<0.002	0.158	0.14	0.126	0.116	161	158
	05/06/2014	A5	B446972	0.012	0.01	0.156	0.144	4.4	1.3	0.011	0.005	<0.5	<0.5	7090	7430	0.183	<0.05	<0.002	<0.002	0.166	0.158	0.18	0.119	144	140
	12/06/2014	A5	B449500	0.008	0.01	0.115	0.111	2.6	2	<0.005	0.012	<0.5	<0.5	7970	8190	0.1	0.084	<0.002	<0.002	0.187	0.18	0.135	0.13	156	149
	25/07/2014	A5	B464009	0.009	0.01	0.129	0.147	4.3	1.5	0.011	0.005	<0.5	<0.5	11,100	9630	0.181	0.076	0.0034	0.0022	0.479	0.495	0.179	0.195	196	184
A5	21/08/2014	A5	B474408	<0.005	0.005	0.107	0.241	2	<1	0.008	<0.005	<0.5	<0.5	11,900	11,300	0.098	<0.05	<0.002	<0.002	0.672	0.701	0.19	0.2	176	190
	28/08/2014	A5	B476541	0.007	0.006	0.077	0.126	3	2.1	<0.005	<0.005	<0.5	<0.5	10,900	11,100	0.075	<0.05	<0.002	<0.002	0.609	0.644	0.126	0.134	173	170
	05/09/2014	A5	B479164	0.009	0.008	0.103	0.146	1.5	4.9	0.011	0.019	<0.5	<0.5	10,100	10,100	0.092	0.052	0.0059	<0.002	0.624	0.58	0.107	0.095	168	167
	12/09/2014	A5	B481292	0.007	0.007	0.141	0.11	<1	<1	0.018	0.005	<0.5	<0.5	11,400	11,300	0.057	<0.05	0.0041	0.0029	0.501	0.51	0.11	0.13	195	187
	18/09/2014	A5	B483962	0.007	0.005	0.093	0.128	2.5	<1	0.008	<0.005	<0.5	<0.5	10,900	10,400	0.149	<0.05	0.0037	0.0087	0.525	0.496	0.133	0.119	172	183
	31/10/2014	A5	B499587	0.005	0.006	0.079	0.071	2.3	<1	0.006	0.007	<0.5	<0.5	13,400	12,700	0.076	<0.05	<0.002	<0.002	0.756	0.718	0.081	0.33	238	240
	27/11/2014	A5	B4A9093	0.0055	0.0051	0.134	0.095	2.8	2.5	0.0107	0.0081	0.62	0.74	12,100	12,500	0.065	<0.05	<0.002	0.0045	0.666	0.692	0.102	0.181	234	236
	18/12/2014	A5	B4B5326	0.005	<0.005	0.143	0.099	1.4	<1	0.0314	<0.005	0.54	<0.5	10,800	12,500	<0.05	<0.05	<0.002	<0.002	0.694	0.716	0.131	0.079	194	199
	22/01/2015	A5	B505986	<0.005	<0.005	0.065	0.074	<1	<1	0.005	<0.005	<0.5	<0.5	14,400	13,700	<0.05	<0.05	0.006	0.0052	0.932	0.843	0.068	0.071	243	215
	26/02/2015	A5	B516449	<0.005	0.005	3.21	0.055	<1	<1	<0.005	0.007	<0.5	<0.5	12,900	12,700	<0.05	<0.05	<0.002	<0.002	0.827	0.848	0.083	0.075	216	214
	26/03/2015	A5	B525184	0.0106	0.0067	0.079	0.095	14.8	<1	<0.005	<0.005	<0.5	<0.5	11,900	12,300	0.055	<0.05	<0.002	<0.002	0.715	0.746	0.09	0.077	230	235
	23/04/2015	A5	B533584	0.0125	0.0169	0.106	0.105	3.1	1.8	<0.005	0.0142	<0.5	<0.5	10,300	10,900	0.208	<0.05	<0.002	<0.002	0.343	0.377	0.142	0.138	202	199
	14/05/2015	A5	B540628	0.0471	0.0166	3.02	0.266	19.5	3.7	0.11	0.0135	<0.5	<0.5	11,200	11,200	1.82	0.262	<0.002	<0.002	0.314	0.281	1.01	0.27	373	210
	21/05/2015	A5	B542667	0.011	0.009	0.192	0.1	6.2	3.2	0.009	<0.005	<0.5	<0.5	9700	9300	0.262	<0.05	<0.002	<0.002	0.217	0.206	0.159	0.143	184	161
	28/05/2015	A5	B545872	0.008	0.01	0.09	0.085	4.1	<1	0.005	<0.005	<0.5	<0.5	9250	9370	0.194	<0.05	<0.002	<0.002	0.181	0.17	0.174	0.201	170	171
	28/05/2015	A5-DUP	B545872	0.013	0.008	0.1		10.4	<1	0.023	<0.005	<0.5	<0.5	8860	8890	0.526	<0.05	<0.002	<0.002	0.177	0.167	0.264	0.14	159	165
	05/06/2015	A5	B547761	0.0117	0.0101	0.117	0.089	3.6	<1	0.005	<0.005	<0.5	<0.5	8830	8960	0.194	<0.05	<0.002	<0.002	0.162	0.17	0.205	0.156	151	158
	05/06/2015	A5-DUP	B547761	0.0134	0.0095	0.487		8.9	1.1	0.0264	<0.005	<0.5	<0.5	8850	9140	0.424	<0.05	<0.002	<0.002	0.168	0.179	0.207	0.167	168	161
	11/06/2015	A5	B549906	0.0096	0.008	0.113	0.213	2.9	2.7	0.0064	<0.005	<0.5	<0.5	9290	9250	0.154	0.059	<0.002	<0.002	0.218	0.242	0.248	0.114	172	159
	11/06/2015	A5-DUP	B549906	0.0093	0.0082	0.099		4.1	2	0.0057	<0.005	<0.5	<0.5	8980	9420	0.154	0.067	<0.002	<0.002	0.253	0.203	0.121	0.281	161	163
	23/07/2015	A5	B563471	0.0057	<0.005	<0.05	0.05	1.7	<1	<0.005	0.009	<0.5	<0.5	11,700	11,500	0.069	<0.05	<0.002	<0.002	0.535	0.494	0.104	0.089	190	179
	20/08/2015	A5	B572515	<0.005	0.005	0.078	0.078	<1	<1	<0.005	<0.005	<0.5	<0.5	12,800	12,300	0.062	<0.05	<0.002	<0.002	0.67	0.671	0.081	0.08	192	200
	27/08/2015	A5	B575103	0.005	0.005	0.092	0.114	<1	4.8	<0.005	<0.005	<0.5	<0.5	11,500	12,500	0.05	0.1	<0.002	<0.002	0.651	0.693	0.089	0.102	187	198
	03/09/2015	A5	B577658	0.007	0.009	0.052	0.05	4.1	3.3	0.005	<0.005	<0.5	<0.5	12,600	12,500	0.195	<0.05	<0.002	<0.002	0.736	0.626	0.065	0.088	198	198
	11/09/2015	A5	B579637	0.005	0.005	0.05	0.067	<1	<1	<0.005	<0.005	0.56	0.77	12,400	12,500	<0.05	<0.05	<0.002	<0.002	0.72	0.728	0.08	0.081	217	213
	18/09/2015	A5	B582068	0.006	<0.005	0.073	0.085	<1	<1	<0.005	<0.005	0.65	1.05	12,000	11,600	<0.05	<0.05	<0.002	<0.002	0.693	0.686	0.054	0.058	205	202
	12/05/2016	A5	B637198	0.011	0.01	0.062	0.079	1.7	1.3	0.005	<0.005	<0.5	<0.5	9810	9780	0.084	<0.05	<0.002	<0.002	0.213	0.238	0.101	0.103	175	159
	20/07/2018	A5	L2133661	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	<1	<1	12,600	11,600	0.13	<0.1	<0.005	<0.005	0.48	0.461	<0.5	<0.5	172	185
	09/11/2018	A5	L2195291	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	<1	<1	12,700	14,000	<0.1	<0.1	<0.005	<0.005	0.783	0.811	<0.5	<0.5	204	221
	05/03/2019	A5	L2240838	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	<1	<1	14,200	13,200	<0.1	<0.1	<0.005	<0.005	0.925	0.845	<0.5	<0.5	243	244
	17/06/2019	A5	L2295044	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	<1	<1	10,000	9510	0.14	<0.1	<0.005	<0.005	0.258	0.285	<0.5	<0.5	171	186
	15/05/2012	G1	B240844	1.5	0.029	2.39	0.387	923	19.4	2	0.018	4.78	3.95	9420	8790	109	0.932	<0.01	<0.01	0.495	0.645	3.49	0.455	605	494
	19/06/2012	G1	B252527	0.201	0.0213	0.783	0.47	219	16.2	0.458	0.022	3.28	3.08	6690	6750	16.9	0.428	<0.01	<0.01	0.533	0.563	0.877	0.383	406	365
	25/07/2012	G1	B265706	0.045	0.016	0.516	0.329	53.7	6.8	0.157	0.089	5.38	4.91	9650	9870	3.3	0.431	<0.01	<0.01	0.905	0.92	0.389	0.417	495	454
	26/08/2012	G1	B276408	0.027	0.009	0.366	0.371	26.6	4.6	0.03	0.013	8.35	8.13	12,100	12,100	2.07	0.364	<0.01	<0.01	1.22	1.25	0.263	0.264	600	573
	18/09/2012	G1	B283851	0.014	0.012	0.239	0.59	18.3	3.4	0.019	0.006	9.7	9.72	11,800	12,900	1.42	0.31	<0.01	<0.01	1.21	1.31	0.242	0.223	613	620
	18/09/2012	G1-DUP	B283851	0.025	0.006	0.754		21.7	7.9	0.022	0.038	9.91	8.68	13,200	12,200	1.63	0.332	<0.01	<0.01	1.41	1.36	0.349	0.267	621	619
	25/10/2012	G1	B297129	0.023	0.01	0.319	0.282	22.9	4.5	0.036	0.034	9.67	9.73	12,300	12,500	2.02	0.44	<0.01	<0.01	1.25	1.24	0.33	0.39	578	575
	24/11/2012	G1	B2A7294	0.037	0.014	0.726	0.413	35.5	9.1	0.081	0.012	8.78	8.74	10,800	10,700	2.43	0.392	<0.01	<0.01	1.04	1.12	0.686	0.324	597	541
	16/12/2012	G1	B2B4014	0.027	0.013	0.895	0.289	28.1	4.4	0.034	0.009	9.75	9.33	12,400	12,600	2.51	0.379	<0.01	<0.01	1.29	1.29	0.346	0.309	577	585
	25/01/2013	G1	B306701	0.038	0.01	0.283	0.247	31.4	4.5	0.046	0.046	10.5	10.3	12,000	11,500	3.91	0.293	<0.01	<0.01	1.34	1.4	0.348	0.246	571	550
	21/02/2013	G1	B314188	0.096	0.009	0.582	0.253	108	4.9	0.189	0.011	12	11.6	13,100	12,800	11.7	0.245	<0.01	<0.01	1.2	1.36	0.501	0.237	569	525
	21/03/2013	G1	B322778	0.044	0.012	0.425	0.342	41.5	6.5	0.059	0.008	11.8	11.7	12,400	12,500	4.98	0.417	<0.01	<0.01	1.23	1.37	0.374	0.236	610	585
	18/04/2013	G1	B331290	0.051	0.014	0.433	0.283	56.8	4.8	0.068	<0.005	11.6	11.3	12,400	12,300	4.75	0.342	<0.01	<0.01	1.3	1.42	0.436	0.31	624	600
	24/05/2013	G1	B341818	0.289	0.046	0.925	0.477	258	27.7	0.454	0.019	3.53	3.26	7500	7560	24	1.93	<0.01	<0.01	0.624	0.669	1.09	0.56	495	450
	18/07/2013	G1	B361929	0.024	0.014	0.291	0.307	22.6	5.9	0.038	0.009	6.16	6.1	10,800	10,800	2.54	0.954	<0.01	<0.01	1.19	1.23	0.341	0.364	574	526
	27/08/2013	G1	B376651	0.013	0.012	0.144	0.18	5.7	2.9	0.01	<0.005	5.41	5.6	15,900	15,800	0.506	0.185	<0.01 - 0.012	<0.01	1.47	1.48	0.129	0.136	581	580
	26/09/2013	G1	B388572	0.012	0.012	0.179	0.178	3.7	1.7	0.026	0.006	5.68	5.37	16,000	15,300	0.233	0.108	<0.01	<0.01	1.56	1.4	0.132	0.132	545	539
	23/10/2013	G1	B399458	0.01	<0.005	0.15	0.234	5.5	1.3	0.005	<0.005	5.25	5.37	15,800	15,500	0.336	0.115	<0.01	<0.002	1.34	1.48	0.129	0.147	522	535
	21/11/2013	G1	B3A8725	0.018	0.009	0.259	0.252	18	2.5	0.03	<0.005	8.35	8.95	13,000	11,900	2.63	1.18	<0.01	<0.002	1.19	1.44	0.346	0.301	539	493
	23/12/2013	G1	B3B8312	0.025	0.009	0.338	0.398	21.6	6.7	0.027	<0.005	9.74	9.85	13,000	12,200	2.69	1.09	<0.002	<0.002	1.49	1.44	0.343	0.223	548	555
	28/01/2014	G1	B407313	0.009	<0.005	0.242	0.124	8.6	<1	0.015	<0.005	6.23	6.21	15,700	15,500	0.602	0.081	<0.002	<0.002	1.28	1.27	0.138	0.095	511	492
	27/02/2014	G1	B416171	0.026	0.009	0.362	0.828	33.6	5.9	0.023	<0.005	11	10.6	13,000	12,500	2.42	0.961	<0.002	<0.002	1.65	1.58	0.321	0.247	567	521
	28/03/2014	G1	B424928	0.022	0.011	0.316	0.266	27.9	29.3	0.022	0.015	10.9	12.6	13,600	12,800	1.57	0.645	<0.002	<0.002	1.69	1.71	0.334	0.305	600	564
	25/04/2014	G1	B432952	0.063	0.018	0.509	0.377	75.5	12.3	0.073	<0.005	12.8	11.9	13,300	13,000	5.93	0.688	<0.002	<0.002	1.35	1.39	0.499	0.396	677	667
	16/05/2014	G1	B439804	0.329	0.033	1.44	0.755	538	26.3	0.558	0.015	5.39	4.8	10,200	10,100	35.1	1.15	0.0072	0.0031	0.636	0.758	1.41	0.536	541	509
	23/05/2014	G1	B442060	0.638	0.03	1.72	0.501	726	27.6	1.06	0.033	3.89	3.42	8300	7970	61.3	1.02	0.002	0.0027	0.581	0.642	2.01	0.472	499	426
	23/05/2014	G1-DUP	B442060	0.753	0.024	1.97		850	21.7	1.42	0.012	4.17	3.27	8510	8000	72	0.949	<0.002	0.0027	0.56	0.642	2.33	0.451	509	415
	29/05/2014	G1	B444272	0.163	0.029	0.82	0.531	212	25.4	0.287	0.027	3.66	3.59	7860	7930	12.8	0.675	<0.002	0.0028	0.569	0.619	1.03	0.5	437	421
	06/06/2014	G1	B446972	0.232	0.024	1.02	0.371	217	20.3	0.409	0.014	3.35	3.16	7310	7090	17.4	0.437	0.0027	0.0025	0.582	0.575	0.898	0.337	425	370
	13/06/2014	G1	B449500	0.135	0.024	0.579	0.434	193	20.5	0.225	0.032	3.32	3.35	6950	6980	11.3	1.17	<0.002	0.0057	0.58	0.572	1.62	0.417	422	397
	13/06/2014	G1-DUP	B449500	0.177	0.02	0.702		201	18	0.27	0.017	3.36	3.35	6760	7210	16.3	0.569	0.0021	0.0029	0.636	0.596	0.852	0.384	420	393
G1	25/07/2014	G1	B464009	0.069	0.04	0.496	0.386	52.6	29.4	0.106	0.016	7.1	6.72	12,600	11,100	10.7	1.11	<0.002	0.0026	1.17	1.24	0.726	0.787	640	573
	22/08/2014	G1	B474408	0.186	0.012	0.759	0.43	173	4.9	0.246	0.008	9.47	8.42	13,300	12,400	21.4	0.609	0.0036	0.0044	1.38	1.56	0.808	0.301	691	619
	29/08/2014	G1	B476541	0.108	0.012	0.779	0.417	74.2	5.6	0.163	0.009	10.6	9.7	12,600	12,400	15.3	0.524	0.0043	0.0054	1.37	1.55	0.583	0.464	631	593
	29/08/2014	G1-DUP	B476541	0.137	0.012	0.829		123	5.8	0.193	<0.005	10.2	10.3	12,800	12,600	16.4	0.541	0.0045	0.0039	1.37	1.48	0.694	0.375	727	619
	05/09/2014	G1-DUP	B479164	0.111	0.02	0.657		88.8	11.2	0.164	0.022	9.4	9.69	11,300	12,400	14.3	0.66	0.0087	0.0049	1.1	1.25	0.635	0.385	608	647
	06/09/2014	G1	B479164	0.113	0.019	0.673	0.508	75.2	9.9	0.149	0.005	9.35	9.63	11,400	11,300	13.8	0.612	0.0056	<0.002	1.26	1.21	0.611	0.475	608	573
	12/09/2014	G1	B481292	0.103	0.014	0.719	0.444	90	6.3	0.165	0.01	10.4	10.4	13,500	13,500	12.8	0.704	<0.002	0.0059	1.14	1.35	0.521	0.346	642	620
	19/09/2014	G1	B483962	0.241	0.019	1.16	0.485	321	5.3	0.314	0.006	10.6	10.5	13,100	12,600	24.1	0.772	<0.002	<0.002	1.39	1.43	0.993	0.338	970	661
	30/10/2014	G1	B499587	0.077	0.014	0.608	0.426	56	7.1	0.105	0.006	9.36	9.5	11,900	12,000	11.1	0.694	<0.002	<0.002	1.19	1.26	0.503	0.653	578	575
	28/11/2014	G1	B4A9093	0.722	0.0174	2.19	0.607	1560	13.8	1.05	0.0166	7.52	6.22	10,600	10,100	59.6	1.11	<0.002	0.0049	1.16	0.908	2.52	0.922	1070	562
	18/12/2014	G1	B4B5326	0.106	0.013	0.769	0.433	154	9	0.144	0.009	8.02	7.28	9870	10,800	9.75	0.402	<0.002	<0.002	1.06	1.13	0.718	0.39	625	504
	22/01/2015	G1	B505986	0.216	0.014	1.22	0.38	199	5.7	0.318	0.008	9.96	9.35	13,600	12,600	29.5	0.5	<0.002	0.0039	1.06	1.48	0.844	0.314	713	510
	26/02/2015	G1	B516449	0.148	0.012	0.89	0.388	113	6.7	0.207	0.009	8.88	8.24	11,900	11,900	22	0.544	<0.002	<0.002	0.903	1.26	0.653	0.347	571	489
	27/03/2015	G1	B525184	0.056	0.0142	0.588	0.36	57.7	5.8	0.0741	<0.005	8.97	9.69	11,200	11,600	6.81	0.4	<0.002	<0.002	0.991	1.14	0.422	0.311	570	560
	24/04/2015	G1	B533584	0.233	0.0161	1	0.291	574	6.9	0.319	<0.005	5.68	5.53	11,100	11,500	15.9	0.438	<0.002	<0.002	0.916	0.87	0.92	0.321	670	499
	14/05/2015	G1	B540628	0.1	0.0461	0.62	0.897	137	15	0.137	0.0313	4.55	4.38	11,300	11,400	8.15	2.05	<0.002	<0.002	0.867	0.901	0.6	0.465	507	530
	22/05/2015	G1	B542667	0.188	0.016	0.692	0.28	497	10.4	0.394	0.005	4.93	4.29	9220	8890	10.6	0.366	<0.002	<0.002	0.727	0.639	0.918	0.334	505	388
	29/05/2015	G1	B545872	0.525	0.019	1.04	0.233	465	10.5	1.08	0.006	3.5	3.65	9120	8660	38.2	0.378	<0.002	<0.002	0.631	0.614	1.48	0.382	445	404
	04/06/2015	G1	B547761	0.598	0.0166	2.28	0.231	1330	12.4	0.998	0.0069	3.99	3.45	8890	8470	34.8	0.436	0.0022	<0.002	0.827	0.638	2.24	0.311	760	402
	12/06/2015	G1	B549906	0.0868	0.0116	0.397	0.445	141	7.2	0.152	<0.005	3.4	3.69	9500	9170	8.34	0.32	<0.002	<0.002	0.765	0.769	0.576	0.266	469	440
	24/07/2015	G1	B563471	0.13	0.0143	0.96	0.26	207	12.9	0.193	<0.005	9.22	8.29	12,600	12,400	11.4	1.07	<0.002	<0.002	1.53	1.4	0.67	0.315	770	655
	21/08/2015	G1	B572515	0.106	0.016	0.887	0.368	105	3.8	0.157	<0.005	11.6	11.6	14,100	14,100	10.9	1.61	<0.002	<0.002	1.65	1.68	0.548	0.334	800	788
	28/08/2015	G1	B575103	0.075	0.015	4.6	2.65	135	4.6	0.108	0.011	10.7	10.7	13,600	13,700	8.75	1.6	<0.002	<0.002	1.65	1.69	1.11	0.429	791	741
	04/09/2015	G1	B577658	0.186	0.011	0.91	0.348	383	6	0.253	<0.005	10.7	10.6	12,100	13,400	13.9	1.32	<0.002	<0.002	1.58	1.51	0.8	0.343	820	695
	10/09/2015	G1	B579637	0.084	0.016	0.474	0.344	113	6.2	0.134	0.009	11.5	12.4	13,400	13,500	8.57	1.11	<0.002	<0.002	1.56	1.62	0.513	0.338	735	735
	18/09/2015	G1	B582068	0.061	0.012	0.406	0.276	54.7	3.5	0.084	<0.005	11.6	11.3	13,500	12,800	7.8	1.2	<0.002	<0.002	1.5	1.51	0.39	0.271	724	655
	13/05/2016	G1	B637198	-	0.013	-	0.309	-	8.1	-	<0.005	-	3.91	-	8910	-	0.378	-	<0.002	-	0.677	-	0.318	-	399
	20/07/2018	G1	L2133661	<0.1	<0.1	<0.5	0.32	40	<10	<0.05	<0.05	8.4	8.2	13,400	12,000	2.31	0.7	<0.005	<0.005	1.31	1.3	<0.5	<0.5	627	601
	09/11/2018	G1	L2195291	<0.1	<0.1	<0.5	0.3	39	45	<0.05	<0.05	12.2	12.2	14,300	14,800	2.31	1.08	<0.005	<0.005	1.64	1.6	<0.5	<0.5	589	573
	05/03/2019	G1	L2240838	<0.1	<0.1	<0.5	0.2	21	<10	<0.05	<0.05	12.3	14.5	13,300	16,800	0.78	0.39	<0.005	<0.005	1.8	1.86	<0.5	<0.5	592	661
	17/06/2019	G1	L2295044	<0.1	<0.1	<0.5	0.28	76	<10	0.104	<0.05	5	5.2	10,600	10,600	2.91	0.35	<0.005	<0.005	0.818	0.87	<0.5	<0.5	485	491
	18/06/2019	G1-DUP	L2295044	<0.1	<0.1	<0.5		82	<10	0.082	<0.05	5.1	5.1	10,700	10,300	2.75	0.33	<0.005	<0.005	0.811	0.825	<0.5	<0.5	494	492

Metals (continued)

Sample Date	Sample ID	Rubidium	Rubidium (Filtered)	Selenium	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
		μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
RDL		0.2	0.2	0.04	0.04	50	50	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1	0.1	0.06	0.06
BC WQG Approved Short Term Maximum (Acute) - Freshwater				2				Variable																						Variable[#4]			
BC WQG Working - Fresh Water Aquatic Life																0.8[#19]	0.8[#19]					2000[#20]	2000[#20]			8.5	8.5						
CWQG Aquatic Life Freshwater - Long Term				1				0.25	0.25							0.8	0.8									15	15				Variable		
CWQG Aquatic Life Freshwater - Short Term																										33	33				Variable		
18/06/2012	A5	-	-	0.182	0.192	1190	1320	<0.005	<0.005	166	169	18.9	18.7	-	-	0.0034	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.21	0.207	<0.2	<0.2	3.06	3.2	<0.1	<0.1
24/07/2012	A5	-	-	0.499	0.504	1210	1260	<0.005	<0.005	203	233	23.3	22.8	-	-	0.004	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.352	0.327	<0.2	<0.2	0.44	2.5	<0.1	<0.1
25/08/2012	A5	-	-	1.09	0.926	1550	1500	<0.005	<0.005	218	216	30.5	31.1	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.528	0.538	<0.2	0.21	0.43	0.39	<0.1	<0.1
17/09/2012	A5	-	-	1.07	1.3	1550	1520	<0.005	<0.005	225	234	31.4	33.9	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.631	0.571	<0.2	<0.2	0.21	0.32	<0.1	<0.1
24/10/2012	A5	-	-	1.31	1.5	1470	1480	<0.005	<0.005	210	224	35.3	36.4	-	-	0.003	0.003	-	-	0.25	<0.2	<0.5	<0.5	-	-	0.695	0.688	<0.2	<0.2	1.4	0.63	<0.1	<0.1
24/11/2012	A5	-	-	1.11	1.04	1950	1960	<0.005	<0.005	271	229	35.9	36.5	-	-	0.003	0.003	-	-	0.24	0.58	<0.5	<0.5	-	-	0.701	0.691	<0.2	<0.2	2.89	1.18	<0.1	<0.1
15/12/2012	A5	-	-	1.16	1.38	2050	2040	<0.005	<0.005	243	255	36	36.9	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.753	0.763	<0.2	<0.2	0.39	1.25	<0.1	<0.1
24/01/2013	A5	-	-	1.49	1.75	2070	2080	<0.005	<0.005	241	224	37	36.1	-	-	0.002	0.003	-	-	<0.2	<0.2	1.32	<0.5	-	-	0.765	0.725	<0.2	<0.2	2.68	0.52	<0.1	<0.1
20/02/2013	A5	-	-	1.55	1.44	2090	1990	<0.005	<0.005	223	227	39.2	39.7	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.778	0.782	<0.2	<0.2	0.49	0.38	<0.1	<0.1
20/03/2013	A5	-	-	1.52	1.51	2020	1810	<0.005	<0.005	271	242	36.6	38.8	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.751	0.765	<0.2	<0.2	0.34	0.74	<0.1	<0.1
17/04/2013	A5	-	-	1.2	1.28	1740	1760	<0.005	<0.005	233	233	37.7	37.2	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.826	0.745	<0.2	<0.2	0.49	0.52	<0.1	<0.1
23/05/2013	A5	-	-	0.203	0.166	1220	1240	<0.005	<0.005	187	174	20.1	20.1	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.217	0.212	0.32	<0.2	0.94	0.5	<0.1	<0.1
20/06/2013	A5	-	-	0.16	0.149	1290	1060	<0.005	<0.005	148	134	16	13.9	-	-	0.021	0.002	-	-	<0.2	<0.2	3.01	<0.5	-	-	0.239	0.126	0.42	<0.2	5.52	0.92	0.11	<0.1
17/07/2013	A5	-	-	0.787	0.691	1500	1250	<0.005	<0.005	176	185	20.7	23	-	-	0.002	<0.002	-	-	0.44	<0.2	<0.5	<0.5	-	-	0.363	0.371	<0.2	<0.2	1.07	0.51	<0.1	<0.1
26/08/2013	A5	-	-	1.07	0.916	1810	1750	<0.005	<0.005	232	241	31.4	31.1	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.548	0.612	<0.2	<0.2	0.89	0.5	<0.1	<0.1
26/09/2013	A5	-	-	1.1	1.14	1760	1780	<0.005	<0.005	236	220	32.9	34.1	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.634	0.644	<0.2	<0.2	0.35	0.35	<0.1	<0.1
26/09/2013	A5-DUP	-	-	1.21	1.2	1840	1850	<0.005	<0.005	252	230	33.6	33.2	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.623	0.602	<0.2	<0.2	0.41	0.45	<0.1	<0.1
24/10/2013	A5	-	-	0.597	0.671	1860	1690	<0.005	<0.005	752	754	53.5	56.1	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.439	0.462	<0.2	<0.2	0.37	0.39	<0.1	<0.1
21/11/2013	A5	-	-	1.13	1.32	1630	1810	<0.005	<0.005	252	234	33.1	30.6	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.686	0.663	<0.2	<0.2	1.12	0.27	<0.1	<0.1
22/12/2013	A5	-	-	1.37	1.42	1770	1860	<0.005	<0.005	234	217	35.1	33.9	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.726	0.68	<0.2	<0.2	0.44	0.27	<0.1	<0.1
28/01/2014	A5	-	-	1.44	1.42	2010	1950	<0.005	<0.005	241	240	36.5	37.4	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.72	0.732	<0.2	<0.2	0.39	0.56	<0.1	<0.1
26/02/2014	A5	-	-	1.52	1.52	1950	1910	0.01	<0.005	243	243	37.6	37.7	-	-	0.006	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.753	0.765	<0.2	<0.2	0.39	0.36	<0.1	<0.1
27/03/2014	A5	-	-	1.66	1.68	1920	2030	<0.005	<0.005	227	235	38.3	37.7	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.769	0.749	<0.2	<0.2	0.31	0.65	<0.1	<0.1
24/04/2014	A5	-	-	1.21	1.23	1860	2050	<0.005	<0.005	306	230	35.7	36.9	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.736	0.743	<0.2	<0.2	0.31	0.33	<0.1	<0.1
15/05/2014	A5	-	-	0.553	0.546	1660	1630	<0.005	<0.005	203	194	30.5	33.4	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.57	0.542	0.22	<0.2	1.54	0.52	<0.1	<0.1
22/05/2014	A5	-	-	0.205	0.204	1220	1230	<0.005	<0.005	177	173	23.7	24.2	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.276	0.279	<0.2	<0.2	0.77	0.47	<0.1	<0.1
30/05/2014	A5	-	-	0.208	0.188	1330	1300	<0.005	<0.005	187	184	22.5	22.3	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.263	0.259	0.21	<0.2	0.49	0.34	<0.1	<0.1
05/06/2014	A5	-	-	0.173	0.209	1230	1220	<0.005	<0.005	171	181	20.6	21	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.234	0.239	<0.2	<0.2	0.65	0.34	<0.1	<0.1
12/06/2014	A5	-	-	0.227	0.223	1260	1120	<0.005	<0.005	177	184	22.5	21.9	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.266	0.275	<0.2	<0.2	0.71	0.58	<0.1	<0.1
25/07/2014	A5	-	-	0.611	0.676	1420	1460	<0.005	<0.005	224	231	29.5	26.7	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.466	0.444	<0.2	<0.2	0.74	0.78	<0.1	<0.1
21/08/2014	A5	-	-	1.01	0.913	1450	1650	<0.005	<0.005	203	211	33.4	34	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.54	0.595	<0.2	0.2	0.59	0.28	<0.1	<0.1
28/08/2014	A5	-	-	0.949	1.04	1560	1620	<0.005	<0.005	215	208	32.2	32.4	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.534	0.548	<0.2	0.2	0.48	0.43	<0.1	<0.1
05/09/2014	A5	-	-	0.787	0.792	1560	1510	<0.005	<0.005	180	185	32.7	34.1	-	-	<0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.494	0.517	<0.2	<0.2	0.37	2.82	<0.1	<0.1
12/09/2014	A5	-	-	0.832	0.745	1630	1490	<0.005	<0.005	221	214	30.1	30.1	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.481	0.49	<0.2	0.23	0.42	0.37	<0.1	<0.1
18/09/2014	A5	-	-	0.681	0.65	1430	1390	<0.005	<0.005	208	201	31.5	30.6	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.475	0.476	<0.2	<0.2	0.42	0.36	<0.1	<0.1
31/10/2014	A5	-	-	1.1	1.13	1800	2010	<0.005	<0.005	242	225	34.9	33.9	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.647	0.676	<0.2	<0.2	0.53	0.31	<0.1	<0.1
27/11/2014	A5	-	-	0.987	0.941	1910	1930	<0.005	0.0123	234	235	34.4	32.2	-	-	0.0026	0.0025	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.696	0.756	<0.2	<0.2	0.38	0.39	<0.1	<0.1
18/12/2014	A5	-	-	0.994	1.06	1910	2210	<0.005	<0.005	199	229	31.7	35	-	-	0.0025	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.732	0.728	<0.2	<0.2	0.38	0.36	<0.1	<0.1
22/01/2015	A5	-	-	1.24	1.13	2080	1920	<0.005	<0.005	242	239	37	38	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.744	0.756	<0.2	<0.2	0.34	0.34	<0.1	<0.1
26/02/2015	A5	-	-	1.4	1.24	2170	2050	<0.005	<0.005	240	225	34.2	34.7	-	-	<0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.829	0.785	<0.2	<0.2	0.49	1.55	<0.1	<0.1
26/03/2015	A5	-	-	1.1	0.933	1830	1720	<0.005	<0.005	230	251	34.3	36.6	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.757	0.795	<0.2	<0.2	0.45	0.48	<0.1	<0.1
23/04/2015	A5	-	-	0.418	0.45	1680	1560	<0.005	<0.005	213	205	34.2	33	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.545	0.546	<0.2	<0.2	0.68	0.38	<0.1	<0.1
14/05/2015	A5	-	-	0.313	0.342	1430	1650	<0.005	<0.005	757	267	29.3	30.1	-	-	0.0052	0.0034	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.505	0.489	<0.2	0.3	24.3	1.83	<0.1	<0.1
21/05/2015	A5	-	-	0.232	0.264	1160	1280	<0.005	<0.005	207	199	25.7	23.5	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.337	0.326	0.2	0.23	0.57	0.4	<0.1	<0.1
28/05/2015	A5	-	-	0.219	0.218	1270	1160	<0.005	<0.005	188	191	24.8	25.4	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.293	0.299	<0.2	<0.2	0.45	0.3	<0.1	<0.1
28/05/2015	A5-DUP	-	-	0.227	0.231	1300	1220	<0.005	<0.005	190	202	23.6	24.3	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.299	0.294	0.21	<0.2	1.99	0.36	<0.1	<0.1
05/06/2015	A5	-	-	0.211	0.219	1360	1310	<0.005	<0.005	189	202	23.1	23.2	-	-	0.0021	0.0022	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.286	0.296	<0.2	<0.2	0.53	0.32	<0.1	<0.1
05/06/2015	A5-DUP	-	-	0.215	0.208	1410	1350	<0.005	<0.005	225	214	23.2	23.7	-	-	0.0023	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.298	0.295	<0.2	<0.2	2.6	0.36	<0.1	<0.1
11/06/2015	A5	-	-	0.284	0.259	1320	1280	<0.005	<0.005	207	200	24.5	22.8	-	-	0.0025	0.0024	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.357	0.384	<0.2	0.2	1.43	0.34	<0.1	<0.1
11/06/2015	A5-DUP	-	-	0.287	0.264	1290	1310	<0.005	<0.005	200	207	23.8	23.3	-	-	0.0032	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.376	0.332	<0.2	<0.2	0.62	0.54	<0.1	<0.1
23/07/2015	A5	-	-	0.751	0.761	1580	1560	<0.005	<0.005	227	217	29.7	28.1	-	-	0.003	0.0023	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.599	0.585	0.25	0.24	0.42	0.4	<0.1	<0.1
20/08/2015	A5	-	-	1	0.978	1770	1960	<0.005	<0.005	238	240	33.7	36.2	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.639	0.62	<0.2	<0.2	0.41	0.39	<0.1	<0.1
27/08/2015	A5	-	-	0.926	1.06	1630	1750	<0.005	<0.005	212	232	32.9	35.7	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.638	0.655	0.24	<0.2	0.8	0.98	<0.1	<0.1
03/09/2015	A5	-	-	0.959	1.02	1610	1460	<0.005	<0.005	230	219	34.1	33.8	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.664	0.636	<0.2	<0.2	0.51	0.8	<0.1	<0.1
11/09/2015	A5	-	-	1.05	1.1	1720	1850	<0.005	<0.005	235	229	36.4	35.8	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.662	0.698	<0.2	0.31	0.4	0.36	<0.1	<0.1
18/09/2015	A5	-	-	1.09	1.01	1600	1560	<0.005	<0.005	219	195	32.4	33.5	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.681	0.66	<0.2	<0.2	0.46	0.29	<0.1	<0.1
12/05/2016	A5	-	-	0.253	0.295	1380	1300	<0.005	<0.005	201	216	26.8	25.1	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.369	0.379	<0.2	<0.2	0.67	0.63	<0.1	<0.1
20/07/2018	A5	<0.2	<0.2	0.845	0.779	1700	1490	<0.01	<0.01	230	232	29.5	29.6	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.556	0.546	<0.5	<0.5	<3	<1	<0.06	<0.06
09/11/2018	A5	<0.2	<0.2	1.31	1.31	1750	1610	<0.01	<0.01	248	257	36.6	38.9	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.74	0.72	<0.5	<0.5	<3	<1	<0.06	<0.06
05/03/2019	A5	<0.2	<0.2	1.77	1.73	2100	1960	<0.01	<0.01	268	237	43.6	38.4	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.828	0.836	<0.5	<0.5	<3	<1	<0.06	<0.06
17/06/2019	A5	<0.2	<0.2	0.357	0.365	1330	1300	<0.01	<0.01	215	233	25.5	26.9	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.387	0.431	<0.5	<0.5	<3	<1	<0.2	<0.2
15/05/2012	G1	-	-	0.365	0.35	3090	2480	0.026	<0.005	1710	1680	130	118	-	-	0.038	0.006	-	-	<0.2	<0.2	2.73	<0.5	-	-	0.237	0.093	0.86	<0.2	10.3	1.26	0.23	0.11
19/06/2012	G1	-	-	0.352	0.275	2490	2370	0.0077	<0.005	1140	1140	86.1	82.8	-	-	0.0181	0.0054	-	-	<0.2	<0.2	1.37	<0.5	-	-	0.0988	0.0692	0.33	<0.2	6.89	4.1	0.17	<0.1
25/07/2012	G1	-	-	0.296	0.278	2300	2520	<0.005	<0.005	1920	2010	116	118	-	-	0.008	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.133	0.122	<0.2	<0.2	1.15	0.75	<0.1	<0.1
26/08/2012	G1	-	-	0.397	0.457	2760	2680	<0.005	<0.005	3450	3430	152	150	-	-	0.007	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.202	0.192	0.22	<0.2	0.26	0.33	<0.1	<0.1
18/09/2012	G1	-	-	0.387	0.44	2690	2720	<0.005	<0.005	3720	4060	144	173	-	-	0.006	0.006	-	-	<0.2	<0.2	1.22	<0.5	-	-	0.22	0.224	<0.2	<0.2	0.36	0.41	0.19	<0.1
18/09/2012	G1-DUP	-	-	0.387	0.433	3160	2440	<0.005	<0.005	4100	3820	171	165	-	-	0.006	0.008	-	-	<0.2	<0.2	0.77	<0.5	-	-	0.246	0.229	<0.2	<0.2	0.67	2.2	<0.1	<0.1
25/10/2012	G1	-	-	0.541	0.586	2610	2650	<0.005	<0.005	4340	4400	171	168	-	-	0.007	0.005	-	-	<0.2	<0.2	0.75	<0.5	-	-	0.245	0.236	<0.2	<0.2	0.96	1.05	<0.1	<0.1
24/11/2012	G1	-	-	0.452	0.441	2880	2920	<0.005	<0.005	3670	3630	168	167	-	-	0.007	0.005	-	-	0.23	0.42	1.42	<0.5	-	-	0.207	0.201	<0.2	<0.2	5.7	0.7	<0.1	<0.1
16/12/2012	G1	-	-	0.494	0.435	2880	2740	<0.005	<0.005	4440	4540	179	176	-	-	0.006	0.005	-	-	<0.2	<0.2	0.5	<0.5	-	-	0.223	0.224	<0.2	<0.2	0.55	0.54	<0.1	<0.1
25/01/2013	G1	-	-	0.383	0.473	2810	2300	<0.005	<0.005	4700	4660	169	174	-	-	0.006	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.258	0.245	<0.2	<0.2	0.81	0.89	<0.1	<0.1
21/02/2013	G1	-	-	0.478	0.427	2840	2640	<0.005	<0.005	5360	5260	186	178	-	-	0.01	0.004	-	-	<0.2	<0.2	1.37	<0.5	-	-	0.281	0.261	<0.2	<0.2	1.73	0.5	<0.1	<0.1
21/03/2013	G1	-	-	0.426	0.518	2660	2530	<0.005	<0.005	5110	5110	170	182	-	-	0.009	0.005	-	-	<0.2	<0.2	0.52	<0.5	-	-	0.261	0.261	<0.2	<0.2	0.85	0.53	<0.1	<0.1
18/04/2013	G1	-	-	0.68	0.627	2970	2540	<0.005	<0.005	4660	4710	212	212	-	-	0.005	0.003	-	-	<0.2	<0.2	1.11	<0.5	-	-	0.239	0.212	0.2	<0.2	0.8	0.51	<0.1	<0.1
24/05/2013	G1	-	-	0.327	0.376	2690	2530	0.005	<0.005	1320	1360	99.7	92.4	-	-	0.016	0.005	-	-	0.21	0.24	3.09	<0.5	-	-	0.121	0.083	<0.2	0.33	3.61	0.73	0.3	0.15
18/07/2013	G1	-	-	0.411	0.413	2250	2700	<0.005	<0.005	2410	2370	136	128	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.186	0.178	<0.2	<0.2	0.38	0.39	<0.1	<0.1
27/08/2013	G1	-	-	1.84	2.01	2900	2620	<0.005	<0.005	2100	2150	128	131	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.06	1.08	<0.2	<0.2	0.26	0.37	<0.1	<0.1
26/09/2013	G1	-	-	1.52	1.67	2700	2910	<0.005	<0.005	2400	2260	128	127	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.01	0.964	<0.2	<0.2	0.24	0.24	<0.1	<0.1
23/10/2013	G1	-	-	1.72	1.67	2640	2450	<0.005	<0.005	2270	2310	120	129	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.02	1.03	<0.2	<0.2	0.29	0.25	<0.1	<0.1
21/11/2013	G1	-	-	0.461	0.413	2220	2300	<0.005	<0.005	4160	3940	161	160	-	-	0.006	0.005	-	-	<0.2	<0.2	0.76	<0.5	-	-	0.226	0.239	<0.2	<0.2	1.19	0.28	<0.1	<0.1
23/12/2013	G1	-	-	0.438	0.429	2630	2610	<0.005	<0.005	4470	4340	170	159	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.245	0.262	<0.2	<0.2	0.66	0.36	<0.1	<0.1
28/01/2014	G1	-	-	1.27	1.26	2690	2720	<0.005	<0.005	3040	3070	134	135	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.772	0.731	<0.2	<0.2	0.45	0.36	<0.1	<0.1
27/02/2014	G1	-	-	0.441	0.486	2600	2540	<0.005	<0.005	5360	5270	174	172	-	-	0.007	0.004	-	-	<0.2	<0.2	2.05	<0.5	-	-	0.287	0.275	<0.2	<0.2	2.09	0.36	<0.1	<0.1
28/03/2014	G1	-	-	0.489	0.47	2760	2760	<0.005	<0.005	5800	5590	173	185	-	-	0.005	0.004	-	-	<0.2	<0.2	2.73	<0.5	-	-	0.304	0.301	<0.2	<0.2	0.65	0.7	<0.1	<0.1
25/04/2014	G1	-	-	0.929	0.883	2990	3060	<0.005	<0.005	4720	4680	234	242	-	-	0.008	0.005	-	-	<0.2	<0.2	2.57	<0.5	-	-	0.251	0.245	0.22	<0.2	0.92	0.41	0.25	<0.1
16/05/2014	G1	-	-	0.401	0.409	2800	2560	0.007	<0.005	2230	2210	146	142	-	-	0.021	0.005	-	-	<0.2	<0.2	2.21	0.67	-	-	0.178	0.13	0.51	<0.2	3.87	0.85	0.17	0.1
23/05/2014	G1	-	-	0.33	0.263	2970	2300	0.011	<0.005	1470	1460	105	94.8	-	-	0.03	0.004	-	-	<0.2	<0.2	2.44	0.57	-	-	0.165	0.09	0.75	<0.2	5.9	0.89	0.2	0.13
23/05/2014	G1-DUP	-	-	0.271	0.287	2810	2470	0.015	<0.005	1440	1420	108	95.5	-	-	0.035	0.004	-	-	<0.2	<0.2	1.75	<0.5	-	-	0.185	0.093	0.71	<0.2	8.31	0.5	0.18	0.14
29/05/2014	G1	-	-	0.337	0.288	2690	2490	0.008	<0.005	1430	1410	98.7	99.3	-	-	0.013	0.004	-	-	<0.2	<0.2	1.25	<0.5	-	-	0.098	0.082	0.33	<0.2	3.62	1.32	0.13	0.22
06/06/2014	G1	-	-	0.362	0.327	2660	2600	<0.005	<0.005	1320	1280	88.3	89.7	-	-	0.013	0.004	-	-	<0.2	<0.2	2.27	<0.5	-	-	0.098	0.082	0.3	<0.2	2.55	0.5	<0.1	<0.1
13/06/2014	G1	-	-	0.327	0.282	2750	2240	0.005	<0.005	1370	1310	89.6	90	-	-	0.009	0.002	-	-	<0.2	<0.2	1.98	<0.5	-	-	0.088	0.077	0.21	<0.2	2.6	2.96	<0.1	0.12
13/06/2014	G1-DUP	-	-	0.329	0.28	2580	2400	0.005	<0.005	1280	1310	90.7	88.5	-	-	0.012	0.004	-	-	<0.2	<0.2	1.45	<0.5	-	-	0.089	0.079	0.23	<0.2	2.97	1.22	<0.1	0.13
25/07/2014	G1	-	-	0.356	0.341	2890	2790	<0.005	<0.005	3130	2620	155	145	-	-	0.008	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.199	0.176	<0.2	<0.2	1.04	0.51	<0.1	<0.1
22/08/2014	G1	-	-	0.321	0.306	2990	2930	<0.005	<0.005	3830	3680	169	165	-	-	0.014	0.006	-	-	<0.2	<0.2	1.37	<0.5	-	-	0.238	0.226	0.25	<0.2	1.81	0.94	<0.1	<0.1
29/08/2014	G1	-	-	0.339	0.297	2830	2880	<0.005	<0.005	3930	3830	178	166	-	-	0.012	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.232	0.225	<0.2	<0.2	1.57	0.47	<0.1	<0.1
29/08/2014	G1-DUP	-	-	0.355	0.318	3000	2940	<0.005	<0.005	4090	4080	185	178	-	-	0.015	0.006	-	-	<0.2	<0.2	1.64	<0.5	-	-	0.253	0.232	0.3	<0.2	1.78	0.28	<0.1	<0.1
05/09/2014	G1-DUP	-	-	0.433	0.49	2750	3300	<0.005	<0.005	3490	3790	191	191	-	-	0.011	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.201	0.191	<0.2	<0.2	0.96	0.53	<0.1	<0.1
06/09/2014	G1	-	-	0.45	0.519	2900	2870	<0.005	<0.005	3520	3530	192	190	-	-	0.01	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.198	0.184	<0.2	<0.2	1.18	0.29	0.15	<0.1
12/09/2014	G1	-	-	0.448	0.458	3260	2940	<0.005	<0.005	4290	4360	178	190	-	-	0.01	0.003	-	-	<0.2	<0.2	1.74	<0.5	-	-	0.219	0.211	0.2	<0.2	1.09	0.33	<0.1	<0.1
19/09/2014	G1	-	-	0.344	0.391	4190	2820	0.006	<0.005	4310	4290	184	180	-	-	0.031	0.005	-	-	<0.2	<0.2	28.4	<0.5	-	-	0.266	0.215	1.32	<0.2	2.31	0.32	0.61	<0.1
30/10/2014	G1	-	-	0.418	0.415	2680	3040	<0.005	<0.005	4210	3990	167	180	-	-	0.009	0.005	-	-	<0.2	<0.2	1.28	<0.5	-	-	0.198	0.198	<0.2	<0.2	0.88	0.28	0.11	<0.1
28/11/2014	G1	-	-	0.303	0.29	3460	2470	0.0182	<0.005	2700	2760	129	129	-	-	0.0545	0.005	-	-	<0.2	<0.2	5.8	<0.5	-	-	0.208	0.155	1.94	<0.2	7.8	0.47	0.15	<0.1
18/12/2014	G1	-	-	0.35	0.349	3120	2840	<0.005	<0.005	2860	3160	140	139	-	-	0.013	0.005	-	-	<0.2	<0.2	11.1	<0.5	-	-	0.194	0.181	0.74	<0.2	1.45	0.56	0.56	<0.1
22/01/2015	G1	-	-	0.424	0.416	3700	2650	<0.005	<0.005	4470	4070	167	169	-	-	0.024	0.005	-	-	<0.2	<0.2	11.1	<0.5	-	-	0.29	0.243	0.82	<0.2	2.01	0.88	0.17	<0.1
26/02/2015	G1	-	-	0.416	0.407	3120	2830	<0.005	<0.005	3780	3770	158	155	-	-	0.017	0.005	-	-	<0.2	<0.2	4.52	<0.5	-	-	0.235	0.218	0.28	<0.2	1.64	0.26	0.15	<0.1
27/03/2015	G1	-	-	0.429	0.464	3040	2880	<0.005	<0.005	3680	3710	201	203	-	-	0.005	<0.002	-	-	<0.2	<0.2	0.59	<0.5	-	-	0.202	0.213	<0.2	<0.2	0.84	0.35	<0.1	<0.1
24/04/2015	G1	-	-	0.241	0.351	3050	2760	<0.005	<0.005	2080	2180	146	149	-	-	0.0134	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.185	0.171	0.86	<0.2	2.5	0.32	<0.1	<0.1
14/05/2015	G1	-	-	0.283	0.315	2660	3120	<0.005	<0.005	2060	2190	125	135	-	-	0.0101	0.0045	-	-	<0.2	<0.2	0.86	<0.5	-	-	0.175	0.163	<0.2	<0.2	3.98	8.16	<0.1	<0.1
22/05/2015	G1	-	-	0.281	0.264	2350	2450	0.007	<0.005	1700	1570	106	98	-	-	0.018	0.005	-	-	<0.2	<0.2	2.22	<0.5	-	-	0.129	0.103	0.52	<0.2	2.62	0.39	<0.1	<0.1
29/05/2015	G1	-	-	0.337	0.276	2570	2390	<0.005	<0.005	1250	1330	93.7	97	-	-	0.025	0.005	-	-	<0.2	<0.2	0.68	<0.5	-	-	0.142	0.099	0.45	<0.2	3.97	0.19	0.13	<0.1
04/06/2015	G1	-	-	0.294	0.293	3230	2480	0.0206	<0.005	1360	1290	105	99	-	-	0.0445	0.0033	-	-	<0.2	<0.2	5.3	<0.5	-	-	0.172	0.101	1.66	<0.2	7.9	0.27	0.14	<0.1
12/06/2015	G1	-	-	0.311	0.284	2540	2320	<0.005	<0.005	1640	1590	112	105	-	-	0.009	0.0037	-	-	<0.2	<0.2	1.42	<0.5	-	-	0.136	0.125	0.24	<0.2	0.95	0.3	<0.1	<0.1
24/07/2015	G1	-	-	0.321	0.341	2910	2730	<0.005	<0.005	3540	3470	171	173	-	-	0.0158	0.0051	-	-	<0.2	<0.2	<5	<0.5	-	-	0.271	0.238	0.54	<0.2	2.3	0.52	<0.1	<0.1
21/08/2015	G1	-	-	0.306	0.294	3080	3290	<0.005	<0.005	4320	4320	197	201	-	-	0.01	0.006	-	-	<0.2	<0.2	0.59	<0.5	-	-	0.292	0.287	<0.2	<0.2	1.5	0.63	<0.1	<0.1
28/08/2015	G1	-	-	0.281	0.299	3040	3080	<0.005	<0.005	4300	4340	189	194	-	-	0.011	0.006	-	-	<0.2	<0.2	1.63	<0.5	-	-	0.292	0.275	0.32	<0.2	1.5	0.95	0.22	<0.1
04/09/2015	G1	-	-	0.304	0.293	3320	2590	0.028	<0.005	4150	4530	182	183	-	-	0.02	0.006	-	-	<0.2	<0.2	<5	<0.5	-	-	0.243	0.241	0.58	<0.2	2.7	0.79	0.11	<0.1
10/09/2015	G1	-	-	0.33	0.37	2850	3020	<0.005	<0.005	4580	4670	200	204	-	-	0.009	0.005	-	-	<0.2	<0.2	1.14	<0.5	-	-	0.292	0.28	0.47	0.21	1.34	0.79	<0.1	<0.1
18/09/2015	G1	-	-	0.36	0.321	2950	2730	<0.005	<0.005	4580	4560	189	187	-	-	0.008	0.004	-	-	<0.2	<0.2	0.97	<0.5	-	-	0.294	0.273	<0.2	<0.2	1.15	0.66	<0.1	<0.1
13/05/2016	G1	-	-	-	0.364	-	2430	-	<0.005	-	1600	-	106	-	-	-	0.003	-	-	-	<0.2	-	<0.5	-	-	-	0.114	-	<0.2	-	1.18	-	<0.1
20/07/2018	G1	0.39	0.24	0.365	0.359	2830	2510	<0.01	<0.01	3350	3160	158	152	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.6	<0.3	<0.1	<0.1	0.203	0.196	<0.5	<0.5	<3	<1	<0.06	<0.06
09/11/2018	G1	0.3	0.2	0.555	0.519	2630	2510	<0.01	<0.01	5610	5850	200	201	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.5	<0.3	<0.1	<0.1	0.278	0.272	<0.5	<0.5	<3	<1	<0.06	<0.06
05/03/2019	G1	0.29	0.27	0.431	0.519	2440	2820	<0.01	<0.01	6740	8010	200	237	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.9	<0.3	<0.1	<0.1	0.346	0.334	<0.5	<0.5	<3	1.7	<0.06	<0.06
17/06/2019	G1	0.4	0.22	0.355	0.365	2570	2480	<0.01	<0.01	1840	2040	109	117	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<1.5	<0.3	<0.1	<0.1	0.139	0.155	<0.5	<0.5	<3	<1	<0.2	<0.2
18/06/2019	G1-DUP	0.41	0.22	0.391	0.364	2640	2360	<0.01	<0.01	1860	2110	110	117	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<1.5	<0.3	<0.1	<0.1	0.141	0.144	<0.5	<0.5	<3	<1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Sample Date	Sample ID	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
		μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
RDL		0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater						0.05	0.1	0.1								0.2			1		0.02				
BC WQG Working - Fresh Water Aquatic Life																						3.4			
CWQG Aquatic Life Freshwater - Long Term				5.8		4.4	0.012	0.018	0.015							0.04	3		1.1	0.4	0.025	3.4			
CWQG Aquatic Life Freshwater - Short Term																									
18/06/2012	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/01/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/02/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	A5-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.064	<0.02	<0.5	<0.5	<0.05	<0.5
26/02/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/03/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/05/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/07/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
31/10/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/12/2014	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A5-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	A5-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A5-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/09/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2015	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	A5	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	A5	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	A5	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	A5	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	A5	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
15/05/2012	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19/06/2012	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/07/2012	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2012	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	G1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/10/2012	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/12/2012	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/02/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/03/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/04/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/05/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/07/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/08/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/10/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/12/2013	G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.081	<0.02	<0.5	<0.5	<0.05	<0.5
27/02/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
28/03/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/04/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
16/05/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/05/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/05/2014	G1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
06/06/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/06/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/06/2014	G1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/07/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/08/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/08/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/08/2014	G1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	G1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
06/09/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
19/09/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/11/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/03/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/06/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/09/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2015	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/05/2016	G1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	G1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	G1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	G1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	G1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
18/06/2019	G1-DUP	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

DILLON CONSULTING

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered) vs. Short-term (acute)	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium	Potassium (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.005	0.005	0.05	0.05	1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10	10
BC WQG Approved Short Term Maximum (Acute) - Freshwater				110			Variable	1000[9]	350[9]	Variable[4]						Variable[4]				2000					
BC WQG Working - Fresh Water Aquatic Life												870[17]	870[17]									Variable[4]		373000[18]	373000[18]
CWQG Aquatic Life Freshwater - Long Term						Variable		300	300	Variable[26]								0.026		73		Variable[27]			
CWQG Aquatic Life Freshwater - Short Term																									
G2	15/05/2012	G2	B240844	1.06	0.024	2	0.297	820	10.9	1.58	0.007	4.03	3.8	11,700	11,000	91.7	0.624	<0.01	<0.01	0.497	0.732	2.54	0.291	572	487
	19/06/2012	G2	B252527	0.284	0.0132	2.22	0.426	268	7.2	0.514	0.0064	3.07	2.82	9740	9120	26.7	0.29	<0.01	<0.01	0.614	0.595	0.889	0.458	416	342
	25/07/2012	G2	B265706	0.032	0.014	0.223	0.234	41.2	4.1	0.11	0.134	4.18	4.01	12,700	12,800	2.21	0.25	<0.01	<0.01	1.05	1.07	0.205	0.143	466	445
	26/08/2012	G2	B276408	0.014	0.009	0.203	0.234	11.9	2.5	0.013	<0.005	5.46	5.45	15,600	15,900	0.424	0.087	<0.01	<0.01	1.36	1.4	0.121	0.111	529	525
	18/09/2012	G2	B283851	0.008	0.008	0.433	0.755	1.9	2.2	0.006	<0.005	5.97	5.51	15,200	16,900	0.245	0.083	<0.01	<0.01	1.35	1.39	0.092	0.112	552	559
	25/10/2012	G2	B297129	0.009	0.008	0.054	0.072	3.5	1.2	0.008	0.006	5.35	5.14	15,300	15,700	0.281	0.11	<0.01	<0.01	1.43	1.41	0.088	0.1	515	530
	25/10/2012	G2-DUP	B297129	0.007	0.007	0.142		3.3	<1	0.01	<0.005	5.3	5.24	15,300	15,800	0.276	0.118	<0.01	<0.01	1.43	1.42	0.125	0.114	500	516
	24/11/2012	G2	B2A7294	0.042	0.009	0.367	0.418	35.9	<1	0.071	0.008	5.73	5.95	15,000	14,900	3.23	0.068	<0.01	<0.01	1.3	1.34	0.274	0.1	531	520
	16/12/2012	G2	B2B4014	0.009	0.01	0.157	0.197	5	2.3	0.007	0.018	5.41	5.4	16,800	16,400	0.272	0.202	<0.01	<0.01	1.5	1.5	0.109	0.093	515	502
	25/01/2013	G2	B306701	0.009	0.008	0.078	0.11	2.5	<1	<0.005	0.007	5.31	4.9	15,000	16,100	0.2	0.052	<0.01	<0.01	1.61	1.61	0.069	0.073	512	498
	25/01/2013	G2-DUP	B306701	0.01	0.007	0.058		3	1.1	<0.005	0.007	5.1	5.13	15,000	16,700	0.229	0.122	<0.01	<0.01	1.63	1.69	0.142	0.086	512	517
	21/02/2013	G2	B314188	0.007	0.008	0.128	0.117	4.3	1	0.044	0.006	5.02	4.8	16,200	16,300	0.201	<0.05	<0.01	<0.01	1.57	1.48	0.095	0.043	487	478
	21/03/2013	G2	B322778	0.022	0.007	0.144	0.133	6	<1	0.008	0.006	5.34	5.26	15,700	15,600	0.207	0.163	<0.01	<0.01	1.62	1.63	0.076	0.065	534	521
	18/04/2013	G2	B331290	0.013	0.01	0.158	0.097	4.9	2.9	0.01	0.016	5.62	5.26	15,500	15,800	0.339	0.102	<0.01	<0.01	1.54	1.44	0.124	0.113	498	511
	24/05/2013	G2	B341818	0.672	0.033	1.83	0.409	580	14.7	1.15	0.014	3.33	3	10,300	9660	69.8	1.58	<0.01	<0.01	0.638	0.722	1.93	0.333	515	441
	18/07/2013	G2	B361929	0.017	0.009	0.236	0.195	10.5	1.6	0.014	0.005	5.12	4.69	14,200	13,600	0.68	0.133	<0.01	<0.01	1.29	1.34	0.216	0.208	539	498
	27/08/2013	G2	B376651	0.023	0.01	0.363	0.429	21.4	7.1	0.023	0.022	8.79	8.63	12,500	12,000	2.71	1.49	<0.01 - 0.011	<0.01	1.58	1.55	0.356	0.334	674	632
	27/08/2013	G2-DUP	B376651	0.02	0.009	0.377		20	6.9	0.016	0.006	8.33	9.14	12,000	12,000	2.4	1.53	<0.01 - 0.012	<0.01	1.44	1.4	0.308	0.273	652	672
	26/09/2013	G2	B388572	0.024	0.013	0.553	0.554	20.5	11.2	0.035	0.016	9.25	8.92	12,100	11,700	2.63	1.52	<0.01	<0.01	1.4	1.33	0.446	0.472	610	613
	23/10/2013	G2	B399458	0.024	0.005	0.32	0.297	30.7	8.3	0.028	<0.005	7.53	7.95	12,200	11,500	2.8	1.32	<0.01	<0.002	1.1	1.16	0.52	0.358	543	573
	21/11/2013	G2	B3A8725	0.006	0.006	0.112	0.147	2.7	<1	0.016	<0.005	5.18	5.36	16,500	16,200	0.322	0.105	<0.01	<0.002	1.49	1.67	0.134	0.149	508	533
	23/12/2013	G2	B3B8312	0.009	0.007	0.124	0.179	4.6	1.8	0.007	0.021	4.78	4.95	16,300	15,800	0.275	0.063	<0.002	<0.002	1.68	1.67	0.17	0.08	527	536
	28/01/2014	G2	B407313	<0.005	0.005	0.106	0.099	1.5	2.3	<0.005	<0.005	4.68	4.44	15,500	15,200	0.116	<0.05	<0.002	<0.002	1.62	1.56	0.068	0.074	486	487
	27/02/2014	G2	B416171	0.008	0.005	0.124	0.124	3.2	<1	0.006	<0.005	4.65	4.75	15,500	16,300	0.214	<0.05	<0.002	<0.002	1.65	1.61	0.079	0.089	467	481
	28/03/2014	G2	B424928	0.007	0.009	0.187	0.15	1.9	<1	<0.005	0.005	4.47	4.76	16,200	16,200	0.122	<0.05	<0.002	<0.002	1.74	1.77	0.337	0.109	508	503
	28/03/2014	G2-DUP	B424928	0.008	0.008	0.115		2.7	1.2	<0.005	<0.005	4.39	4.96	16,100	16,200	0.178	<0.05	<0.002	<0.002	1.68	1.74	0.094	0.212	524	508
	25/04/2014	G2	B432952	0.024	0.011	0.214	0.161	18.4	2.7	0.021	<0.005	5.46	5.75	15,800	15,800	1.6	0.108	<0.002	0.0021	1.56	1.62	0.215	0.148	524	546
	16/05/2014	G2	B439804	0.215	0.021	1.31	0.672	332	13.8	0.412	0.007	5.07	4.22	12,000	12,600	22.8	0.614	<0.002	<0.002	0.78	0.903	1	0.294	500	480
	16/05/2014	G2-DUP	B439804	0.212	0.026	1.01		337	12.6	0.384	0.012	4.58	4.37	11,800	12,400	21.9	0.642	0.0024	0.0035	0.801	0.906	0.914	0.371	496	483
	23/05/2014	G2	B442060	1.22	0.033	2.44	0.391	1390	8.1	2.26	0.005	4.34	3.66	12,000	9670	159	1.75	<0.002	<0.002	0.43	0.763	3.4	0.379	557	451
	29/05/2014	G2	B444272	0.217	0.023	0.811	0.473	264	14.4	0.373	0.011	3.48	3.15	10,700	10,700	23.1	0.397	<0.002	<0.002	0.592	0.679	0.812	0.25	451	417
	06/06/2014	G2	B446972	0.158	0.017	0.586	0.435	199	8.4	0.34	0.007	3.19	2.76	10,100	9420	17.7	0.465	<0.002	<0.002	0.646	0.701	0.631	0.229	435	383
	13/06/2014	G2	B449500	0.097	0.017	0.399	0.296	143	20.8	0.158	0.025	3.01	3.09	9780	9640	10.2	0.666	<0.002	<0.002	0.727	0.752	0.437	0.235	412	393
	25/07/2014	G2	B464009	0.02	0.011	0.187	0.227	12.3	2.4	0.017	0.017	5.28	5	16,000	13,900	1.06	0.252	<0.002	<0.002	1.35	1.45	0.277	0.165	598	530
	25/07/2014	G2-DUP	B464009	0.02	0.013	0.213		16.7	4.1	0.025	0.007	4.84	5.04	14,700	14,200	1.11	0.29	0.0021	<0.002	1.3	1.38	0.305	0.37	554	562
	22/08/2014	G2	B474408	0.005	0.011	0.171	5.31	4.8	2.1	0.007	0.008	5.66	5.03	16,200	16,100	0.433	0.167	<0.002	0.0035	1.54	1.57	0.139	0.733	538	533
	22/08/2014	G2-DUP	B474408	0.008	0.008	0.17		5.1	<1	0.006	<0.005	5.62	5.38	16,000	16,000	0.426	0.101	0.0042	0.0026	1.51	1.44	0.129	0.106	501	542
	29/08/2014	G2	B476541	0.013	0.01	0.22	0.145	6.9	2.3	0.009	<0.005	5.3	5.8	15,100	15,600	0.486	0.115	0.0029	0.005	1.51	1.55	0.117	0.143	540	531
	06/09/2014	G2	B479164	0.029	0.013	0.252	0.21	21.1	1.8	0.023	0.006	5.83	5.78	15,200	15,200	1.57	0.121	<0.002	0.0029	1.32	1.39	0.221	0.198	547	538
	12/09/2014	G2	B481292	0.02	0.009	0.879	0.132	15.6	<1	0.065	<0.005	5.77	5.68	17,500	17,900	0.967	0.084	<0.002	0.0037	1.47	1.43	0.196	0.133	585	593
	19/09/2014	G2	B483962	0.012	0.009	0.232	0.16	11.5	<1	0.01	<0.005	5.92	5.42	17,100	16,400	0.539	0.108	0.0054	0.0047	1.59	1.5	0.138	0.106	563	555
	30/10/2014	G2	B499587	0.01	0.008	0.146	0.237	3.9	1.1	0.005	0.014	5.57	5.82	16,600	16,400	0.419	0.119	<0.002	<0.002	1.49	1.53	0.108	0.159	539	542
	30/10/2014	G2-DUP	B499587	0.014	0.007	0.183		7.4	1.2	0.013	<0.005	5.73	5.71	15,100	16,100	0.629	0.115	<0.002	<0.002	1.4	1.57	0.105	0.114	505	545
	28/11/2014	G2	B4A9093	0.0355	0.0103	0.361	0.264	56.1	7.1	0.0604	0.0126	5.28	5.43	14,000	14,000	3.13	0.543	<0.002	0.0032	1.3	1.35	0.198	0.132	583	562
	28/11/2014	G2-DUP	B4A9093	0.0687	0.0102	0.411		83.5	2.8	0.137	0.011	6.26	5.77	14,300	14,100	7.43	0.335	<0.002	<0.002	1.17	1.3	0.295	0.165	590	555
	18/12/2014	G2	B4B5326	0.0094	0.008	0.177	0.227	5.5	1.4	0.0066	<0.005	6.02	5.63	13,700	15,500	0.302	<0.05	<0.002	<0.002	1.41	1.44	0.143	0.12	446	490
	22/01/2015	G2	B505986	0.009	0.005	0.159	0.131	2.8	<1	<0.005	<0.005	5.46	5.15	16,600	16,500	0.174	<0.05	<0.002	0.0044	1.72	1.64	0.107	0.075	527	522
	26/02/2015	G2	B516449	0.007	0.009	0.955	0.141	2.8	<1	<0.005	<0.005	5.37	5.04	16,000	15,900	0.208	<0.05	<0.002	<0.002	1.38	1.56	0.06	0.082	465	439
	27/03/2015	G2	B525184	0.0129	0.0091	0.161	0.172	9.1	1.2	0.0096	<0.005	5.87	5.7	14,200	15,000	0.537	0.067	<0.002	<0.002	1.4	1.37	0.115	0.114	515	522
	24/04/2015	G2	B533584	0.069	0.0101	0.51	0.192	126	3.7	0.094	<0.005	4.29	4.32	12,400	12,800	4.59	0.151	<0.002	<0.002	0.957	1.04	0.3	0.155	500	461
	24/04/2015	G2-DUP	B533584	0.069	0.0101	0.5		136	3.2	0.085	<0.005	4.65	4.44	12,800	12,900	4.77	0.149	<0.002	<0.002	0.935	1.02	0.33	0.174	520	468
	14/05/2015	G2	B540628	0.0353	0.0114	0.221	0.155	58.8	3.1	0.0448	<0.005	4.31	3.9	13,700	13,500	2.34	0.196	<0.002	<0.002	0.969	1	0.236	0.151	457	460
	21/05/2015	G2	B542667	0.247	0.01	0.935	0.181	689	2.9	0.496	<0.005	4.91	3.84	12,400	11,600	21	0.238	<0.002	<0.002	0.848	0.819	0.988	0.177	618	429
	29/05/2015	G2	B545872	0.15	0.012	0.506	0.146	171	6.3	0.267	<0.005	3.58	3.36	11,000	10,700	14.9	0.3	<0.002	<0.002	0.734	0.768	0.531	0.276	382	389
	04/06/2015	G2	B547761	0.395	0.0146	1.53	0.176	1030	8.4	0.661	<0.005	3.54	3.28	10,600	11,100	26.3	0.303	<0.002	<0.002	0.878	0.761	1.56	0.266	850	413
	12/06/2015	G2	B549906	0.072	0.0101	0.299	0.158	139	2.7	0.116	<0.005	3.47	3.29	12,400	12,300	5.6	0.197	<0.002	<0.002	0.9	0.935	0.457	0.404	481	447
	24/07/2015	G2	B563471	0.133	0.009	0.79	0.097	286	4.5	0.237	<0.005	6.47	6.21	15,800	15,400	7.39	0.286	<0.002	<0.002	1.5	1.43	0.47	0.126	680	549
	21/08/2015	G2	B572515	0.029	0.009	0.211	0.185	44.6	1.1	0.047	<0.005	6.52	6.57	16,500	16,500	2.23	0.32	<0.002	0.0055	1.57	1.55	0.165	0.112	609	600
	28/08/2015	G2	B575103	0.03	0.009	0.226	0.17	39.7	1.4	0.042	<0.005	5.81	5.88	16,300	16,600	1.84	0.58	<0.002	<0.002	1.47	1.6	0.168	0.113	577	575
	04/09/2015	G2	B577658	0.056	0.009	0.216	0.084	132	1.7	0.084	<0.005	6.4	6.49	15,700	16,000	3.91	0.257	<0.002	<0.002	1.53	1.62	0.257	0.126	540	570
	10/09/2015	G2	B579637	0.031	0.01	0.167	0.166	47.4	1.2	0.045	<0.005	6.39	6.88	16,400	16,500	1.58	0.261	<0.002	<0.002	1.56	1.57	0.138	0.101	579	597
	18/09/2015	G2	B582068	0.018	0.007	0.13	0.127	14.1	<1	0.022	0.01	7.6	6.88	16,200	15,900	0.992	0.216	<0.002	<0.002	1.68	1.54	0.111	0.081	579	559
	13/05/2016	G2	B637198	0.071	0.009	0.5	0.203	130	3.4	0.132	<0.005	3.66	3.4	10,700	11,000	5.55	0.258	<0.002	<0.002	0.784	0.783	0.33	0.176	430	395
	20/07/2018	G2	L2133661	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	5.6	5.7	16,100	15,100	0.5	0.18	<0.005	<0.005	1.49	1.38	<0.5	<0.5	521	554
	09/11/2018	G2	L2195291	<0.1	<0.1	<0.5	0.41	<10	1610	<0.05	0.095	5	5.7	17,700	18,700	0.25	4.9	<0.005	<0.005	1.68	1.88	<0.5	<0.5	510	682
	04/03/2019	G2	L2240838	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	4.6	4.8	15,800	16,200	0.16	<0.1	<0.005	<0.005	1.68	1.56	<0.5	<0.5	535	483
	18/06/2019	G2	L2295044	<0.1	<0.1	<0.5	0.22	24	<10	<0.05	<0.05	4.8	4.9	13,900	13,400	1.13	0.23	<0.005	<0.005	1.02	1.06	<0.5	<0.5	452	497
H1	15/05/2012	H1	B240844	0.709	0.034	1.6	0.286	703	5.9	1.16	0.005	4.24	3.98	18,600	18,100	78.3	0.887	<0.01	<0.01	0.488	0.643	2.67	0.524	691	642
	19/06/2012	H1	B252527	0.167	0.0238	0.537	0.27	195	5.6	0.322	0.0055	3.81	3.47	15,800	15,500	18	0.599	<0.01	<0.01	0.588	0.653	0.822	0.395	542	490
	25/07/2012	H1	B265706	0.064	0.037	0.285	0.181	49.8	5.4	0.139	0.067	5.28	4.89	26,100	22,900	4.62	1.36	<0.01	<0.01	0.932	0.999	0.525	0.542	785	630
	26/08/2012	H1	B276408	0.039	0.024	0.24	0.259	21.3	5.8	0.022	0.005	6.37	6.37	30,900	29,600	2.77	1.22	<0.01	<0.01	0.985	1.06	0.511	0.418	802	749
	18/09/2012	H1	B283851	0.029	0.03	0.31	0.375	11.3	5.1	0.027	0.013	6.36	6.96	31,700	36,400	2.22	1.2	<0.01	<0.01	0.913	1.11	0.428	0.41	884	854
	25/10/2012	H1	B297129	0.023	0.026	0.088	0.197	9.9	4.5	0.01	0.012	6.26	6.38	34,200	34,300	1.43	0.922	<0.01	<0.01	1.01	1.04	0.355	0.363	774	780
	23/11/2012	H1	B2A7294	0.033	0.024	0.351	0.344	13.3	9.2	0.029	0.022	6.8	6.68	34,500	34,700	1.68	0.869	<0.01	<0.01	1.03	1.1	0.499	0.487	880	876
	16/12/2012	H1	B2B4014	0.024	0.024	0.254	0.132	15.8	4	0.047	0.015	6.34	6.3	37,300	36,300	1.29	0.88	<0.01	<0.01	1.13	1.13	0.472	0.436	824	805
	25/01/2013	H1	B306701	0.02	0.021	0.228	0.135	15	2.9	0.01	<0.005	6.24	6.43	34,000	35,000	1.73	0.623	<0.01	<0.01	1.14	1.1	0.396	0.381	828	773
	21/02/2013	H1	B314188	0.022	0.023	0.147	0.159	27.6	4.9	0.023	0.016	6.38	6.24	35,800	34,900	2.75	0.537	<0.01	<0.01	1.14	1.1	0.458	0.318	760	731
	21/02/2013	H1-DUP	B314188	0.033	0.017	0.48		26.1	4.4	0.025	0.019	6.34	6.06	35,500	34,800	2.54	0.525	<0.01	<0.01	1.13	1.07	0.592	0.287	754	731
	21/03/2013	H1	B322778	0.028	0.023	0.138	0.227	14.9	7.5	0.011	0.009	6.79	6.7	35,700	35,700	1.43	0.846	<0.01	<0.01	1.1	1.16	0.393	0.399	856	857
	21/03/2013	H1-DUP	B322778	0.026	0.031	0.157		13.2	6.4	0.012	0.011	6.78	6.85	36,900	35,400	1.28	0.745	<0.01	<0.01	0.984	1.11	0.552	0.398	874	837
	18/04/2013	H1	B331290	0.032	0.03	0.239	0.109	12.3	3.1	0.01	0.008	6.83	6.36	36,000	36,600	2.15	1.21	<0.01	<0.01	1.11	1.05	0.558	0.481	877	879
	24/05/2013	H1	B341818	0.296	0.036	0.977	0.406	273	5.2	0.475	<0.005	4.34	4.09	18,700	18,500	30.3	1.45	<0.01	<0.01	0.687	0.694	1.48	0.516	658	598
	18/07/2013	H1	B361929	0.037	0.028	0.277	0.19	23	4.3	0.038	0.005	5.66	5.95	28,200	26,900	2.93	1.49	<0.01	<0.01	1.06	0.989	0.51	0.489	858	744
	27/08/2013	H1	B376651	0.028	0.029	0.144	0.258	13.3	3.7	0.014	0.006	6.96	7.14	31,300	31,800	2.38	1.08	<0.01 - 0.012	<0.01	1.08	1.14	0.499	0.424	815	835
	26/09/2013	H1	B388572	0.031	0.028	0.156	0.18	12.1	3.7	0.032	0.005	6.71	6.65	34,500	32,800	1.2	0.979	<0.01	<0.01	1.12	1.07	0.473	0.49	829	785
	23/10/2013	H1	B399458	0.031	0.009	0.131	0.195	6.3	3.4	0.006	0.007	6.63	6.35	35,900	34,100	1.33	0.782	<0.01	0.003	1.08	1.07	0.451	0.482	819	802
	21/11/2013	H1	B3A8725	0.028	0.032	0.149	0.121	7.6	3.1	0.015	0.007	7.59	6.98	40,000	36,600	1.63	1.5	<0.01	<0.002	1.23	1.2	0.391	0.399	971	916
	22/12/2013	H1	B3B7782	0.038	0.021	0.234	0.105	33.2	<1	0.038	<0.005	6.48	6.11	35,900	33,700	2.96	0.323	<0.002	<0.002	1.04	1.07	0.438	0.307	763	670
	28/01/2014	H1	B407313	0.016	0.015	0.189	0.107	3.8	2	<0.005	<0.005	6.14	6.03	35,400	35,000	0.543	0.309	<0.002	<0.002	1.1	1.08	0.339	0.303	731	758
	27/02/2014	H1	B416171	0.025	0.018	0.282	0.19	7.7	3.5	0.007	0.009	6.31	6.69	38,000	38,500	0.9	0.275	<0.002	<0.002	1.1	1.1	0.384	0.344	764	772
	27/02/2014	H1-DUP	B416171	0.021	0.018	0.218		8.5	1.9	0.009	<0.005	6.57	6.37	38,100	39,300	0.903	0.278	<0.002	<0.002	1.06	1.08	0.366	0.404	739	759
	28/03/2014	H1	B424928	0.021	0.022	0.124	0.153	7.1	1.7	0.006	0.02	6.12	6.77	38,300	39,300	0.88	0.362	<0.002	<0.002	1.11	1.16	0.392	0.398	813	804
	25/04/2014	H1	B432952	0.051	0.034	0.272	0.303	51.9	7.1	0.042	0.009	6.98	6.61	36,800	37,000	4.45	1.44	<0.002	0.0035	1.15	1.1	0.729	0.604	970	1000
	16/05/2014	H1	B439804	0.249	0.037	0.984	0.772	352	10.8	0.406	0.01	5.62	5.05	24,500	25,800	25.6	1.13	<0.002	<0.002	0.701	0.779	1.5	0.713	727	704
	23/05/2014	H1	B442060	0.743	0.032	2.09	0.426	902	4.2	1.34	<0.005	4.95	4.24	19,300	17,000	90.2	1.11	<0.002	<0.002	0.453	0.716	3.08	0.54	679	576
	29/05/2014	H1	B444272	0.167	0.029	0.618	0.315	207	8.5	0.275	0.01	4.64	4.49	20,800	19,900	17.2	0.621	0.0031	<0.002	0.585	0.765	1.01	0.547	669	624
	06/06/2014	H1	B446972	0.13	0.025	0.665	0.275	133	6.8	0.222	0.01	4.19	3.96	17,000	17,900	13.7	0.733	<0.002	<0.002	0.965	0.692	0.9	0.447	584	559
	13/06/2014	H1	B449500	0.069	0.018	0.309	0.233	107	4.5	0.11	<0.005	4.15	4.04	19,100	18,900	6.86	0.728	<0.002	<0.002	0.804	0.724	0.619	0.433	613	569
	25/07/2014	H1	B464009	0.03	0.029	0.14	0.454	17.7	5.4	0.012	0.021	6.47	6.34	33,100	28,200	1.9	1.29	0.0028	<0.002	1.06	1.09	0.422	0.5	876	791
	22/08/2014	H1	B474408	0.026	0.026	0.208	0.188	12.5	2.7	0.01	<0.005	6.76	6.17	32,700	32,200	1.79	0.834	0.0031	0.0037	1.06	1.05	0.47	0.4	801	767
	29/08/2014	H1	B476541	0.024	0.022	0.242	0.189	14.1	3.3	0.011	0.014	6.95	7.6	33,000	33,200	1.91	0.813	0.0045	0.0041	1.05	1.18	0.455	0.459	805	780
	06/09/2014	H1	B479164	0.036	0.028	0.21	0.223	24	4	0.032	0.005	6.38	6.92	30,500	31,400	2.43	0.855	0.004	0.0029	0.986	1.09	0.493	0.438	781	768
	12/09/2014	H1	B481292	0.03	0.022	0.167	0.183	12.8	1.4	0.018	0.012	7.14	7.06	35,900	37,100	1.66	0.77	<0.002	0.003	1.04	1.08	0.42	0.426	841	842
	19/09/2014	H1	B483962	0.026	0.022	0.169	0.433	12.6	3.5	0.025	<0.005	6.69	6.83	36,100	35,700	1.62	0.71	<0.002	0.0042	1.1	1.16	0.441	0.432	810	811
	19/09/2014	H1-DUP	B483962	0.015	0.009	0.19		9.2	1.3	0.034	0.035	2.05	2.01	11,000	10,700	0.554	0.179	<0.002	<0.002	0.576	0.601	0.148	0.132	302	285
	30/10/2014	H1	B499587	0.022	0.018	0.129	0.203	7.5	2.4	0.011	0.005	6.24	6.89	33,600	37,000	1.21	0.591	<0.002	<0.002	1.06	1.1	0.389	0.351	751	793
	28/11/2014	H1	B4A9093	0.125	0.0187	0.54	0.364	203	3.8	0.158	0.0167	6.68	6.88	34,100	35,000	11.2	0.848	<0.002	0.004	1.09	1.08	0.8	0.563	930	887
	18/12/2014	H1	B4B5326	0.0184	0.019	0.16	0.202	7.4	2.4	0.0076	<0.005	6.61	6.87	32,300	34,200	0.946	0.336	<0.002	<0.002	1.04	1.2	0.513	0.468	736	757
	22/01/2015	H1	B505986	0.021	0.021	0.267	0.236	8.2	10.8	0.014	<0.005	7.04	6.78	38,800	39,300	0.877	0.271	<0.002	0.0052	1.18	1.17	0.391	0.332	777	792
	23/01/2015	H1-DUP	B505986	0.023	0.018	0.152		8.3	1.7	0.02	<0.005	6.91	6.84	38,500	37,000	0.965	0.244	<0.002	<0.002	1.06	1.16	0.423	0.349	783	774
	26/02/2015	H1	B516449	0.021	0.0172	0.197	0.18	7.3	2.1	0.008	<0.005	6.95	6.33	35,700	37,300	0.768	0.348	<0.002	<0.002	1.06	1.17	0.412	0.462	764	754
	27/03/2015	H1	B525184	0.0276	0.021	0.195	0.193	26.6	4.2	0.0184	<0.005	6.34	6.77	34,900	33,600	2.39	0.971	<0.002	<0.002	1.06	1.09	0.485	0.549	904	901
	24/04/2015	H1	B533584	0.067	0.0208	0.43	0.202	83.7	2.4	0.062	<0.005	5.51	5.08	24,800	25,200	4.85	0.442	<0.002	<0.002	0.799	0.804	0.73	0.561	690	673
	14/05/2015	H1	B540628	0.0325	0.0176	0.199	0.169	30.5	2.3	0.0253	<0.005	5.94	5.47	27,100	26,300	1.84	0.542	<0.002	<0.002	0.954	1	0.662	0.493	695	730
	21/05/2015	H1	B542667	0.051	0.019	0.254	0.165	70.2	3.3	0.065	<0.005	5.16	4.69	22,400	20,500	3.06	0.59	<0.002	<0.002	0.839	0.705	0.528	0.401	666	591
	29/05/2015	H1	B545872	0.114	0.02	0.371	0.154	138	5	0.2	<0.005	4.33	4.22	18,800	19,700	11.7	0.635	<0.002	<0.002	0.696	0.725	0.727	0.461	551	569
	04/06/2015	H1	B547761	0.283	0.02	1.12	0.313	622	9	0.43	<0.005	4.02	4.48	18,900	19,100	18.6	0.592	<0.002	<0.002	0.81	0.762	1.34	0.419	760	596
	12/06/2015	H1	B549906	0.0532	0.0179	0.234	0.276	68	6	0.0655	<0.005	4.83	4.69	21,600	21,400	4.25	0.896	<0.002	<0.002	0.887	0.953	0.53	0.523	660	623
	24/07/2015	H1	B563471	0.075	0.0199	0.55	0.085	136	1.8	0.122	0.0052	6.96	6.06	32,300	31,700	4.91	0.912	<0.002	<0.002	1.16	1.05	0.64	0.416	870	802
	21/08/2015	H1	B572515	0.045	0.024	0.213	0.158	38.5	2.9	0.04	<0.005	7.78	7.91	34,000	35,100	3.24	0.939	<0.002	<0.002	1.11	1.09	0.525	0.432	882	886
	28/08/2015	H1	B575103	0.031	0.025	0.185	9.3	27	3.5	0.028	0.008	7.57	7.02	35,000	35,800	2.51	0.832	<0.002	<0.002	1.08	1.16	0.475	0.911	843	840
	04/09/2015	H1	B577658	0.032	0.021	0.185	0.177	74.5	2	0.048	<0.005	7.35	7.26	34,800	35,400	3.27	0.779	<0.002	<0.002	1.14	1.36	0.516	0.428	806	866
	10/09/2015	H1	B579637	0.029	0.025	0.137	0.175	17	8.7	0.024	0.018	7.14	7.77	34,900	35,500	1.81	1.01	<0.002	<0.002	1.12	1.11	0.406	0.387	863	884
	18/09/2015	H1	B582068	0.029	0.019	0.131	0.145	13.7	1.7	0.013	0.007	7.49	8.14	36,600	36,600	1.62	0.705	<0.002	<0.002	1.1	1.16	0.439	0.407	887	843
	13/05/2016	H1	B637198	0.075	0.014	0.49	0.176	117	3.4	0.109	<0.005	4.97	4.73	21,400	22,400	5.27	0.592	<0.002	<0.002	0.792	0.829	0.62	0.475	620	634
	20/07/2018	H1	L2133661	<0.1	<0.1	<0.5	0.2	20	<10	<0.05	<0.05	6.8	6.6	34,000	31,200	2.21	0.79	<0.005	<0.005	1.1	1.05	0.54	<0.5	790	788
	09/11/2018	H1	L2195291	<0.1	<0.1	<0.5	0.37	<10	1220	<0.05	0.051	6.6	7.2	41,500	43,500	1.28	4.53	<0.005	<0.005	1.06	1.28	<0.5	0.53	812	920
	04/03/2019	H1	L2240838	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	6.7	6.5	38,900	40,300	0.75	0.27	<0.005	<0.005	1.15	1.02	<0.5	<0.5	754	755
	18/06/2019	H1	L2295044	<0.1	<0.1	<0.5	0.33	23	<10	<0.05	<0.05	5.6	5.7	25,000	25,700	2.12	1.08	<0.005	<0.005	0.914	0.994	<0.5	<0.5	659	715

Metals (continued)

Sample Date	Sample ID	Rubidium	Rubidium (Filtered)	Selenium	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.2	0.2	0.04	0.04	50	50	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1	0.1	0.06	0.06
BC WQG Approved Short Term Maximum (Acute) - Freshwater				2				Variable																						Variable[4]			
BC WQG Working - Fresh Water Aquatic Life																0.8[19]	0.8[19]					2000[20]	2000[20]			8.5	8.5						
CWQG Aquatic Life Freshwater - Long Term				1				0.25	0.25							0.8	0.8									15	15				Variable		
CWQG Aquatic Life Freshwater - Short Term																										33	33				Variable		
15/05/2012	G2	-	-	0.529	0.714	2900	2370	0.027	<0.005	1480	1470	110	102	-	-	0.036	0.003	-	-	<0.2	<0.2	2.96	<0.5	-	-	0.471	0.346	0.88	<0.2	9.54	1	0.15	<0.1
19/06/2012	G2	-	-	0.603	0.613	2410	2220	0.0083	<0.005	1030	988	80.5	79.5	-	-	0.0148	0.0027	-	-	<0.2	<0.2	1.89	<0.5	-	-	0.344	0.291	0.35	<0.2	2.77	0.93	0.1	<0.1
25/07/2012	G2	-	-	1.11	1.09	2150	2400	<0.005	<0.005	1450	1510	106	106	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.62	0.583	<0.2	<0.2	0.79	0.86	<0.1	<0.1
26/08/2012	G2	-	-	1.55	1.61	2680	2630	<0.005	<0.005	2070	2090	125	122	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.948	0.965	<0.2	<0.2	0.23	<0.1	<0.1	<0.1
18/09/2012	G2	-	-	1.6	1.98	2560	2690	<0.005	<0.005	1920	2120	114	132	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.08	1.09	<0.2	<0.2	0.21	0.22	<0.1	<0.1
25/10/2012	G2	-	-	2.06	2.16	2560	2650	<0.005	<0.005	2020	2070	129	125	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.2	1.13	<0.2	<0.2	0.28	0.4	<0.1	<0.1
25/10/2012	G2-DUP	-	-	2.01	1.98	2670	2580	<0.005	<0.005	2020	2070	126	127	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.23	1.19	<0.2	<0.2	0.64	0.3	<0.1	<0.1
24/11/2012	G2	-	-	1.73	1.79	2510	2730	<0.005	<0.005	2320	2300	131	130	-	-	0.003	0.002	-	-	0.25	<0.2	<0.5	<0.5	-	-	0.987	0.964	<0.2	<0.2	2.07	0.31	<0.1	<0.1
16/12/2012	G2	-	-	1.86	2.04	2650	2680	<0.005	<0.005	2470	2390	130	131	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.14	1.15	<0.2	<0.2	0.72	0.58	<0.1	<0.1
25/01/2013	G2	-	-	2.24	2.31	2660	3250	<0.005	<0.005	2030	2160	128	132	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.31	1.32	<0.2	<0.2	0.37	0.31	<0.1	<0.1
25/01/2013	G2-DUP	-	-	2.56	2.61	2690	3090	<0.005	<0.005	2070	2280	125	129	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.27	1.29	<0.2	<0.2	0.31	0.41	<0.1	<0.1
21/02/2013	G2	-	-	2.54	2.41	2790	2490	<0.005	<0.005	2140	2150	134	129	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.39	1.32	<0.2	<0.2	0.34	0.25	<0.1	<0.1
21/03/2013	G2	-	-	2.34	2.39	2410	2390	<0.005	<0.005	2280	2190	123	132	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.35	1.28	<0.2	<0.2	0.33	0.21	<0.1	<0.1
18/04/2013	G2	-	-	1.94	1.98	2610	2430	<0.005	<0.005	2410	2420	127	125	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.14	1.1	<0.2	<0.2	0.34	0.43	<0.1	<0.1
24/05/2013	G2	-	-	0.58	0.523	2580	2400	0.008	<0.005	1170	1210	94.1	85.1	-	-	0.024	0.005	-	-	0.39	<0.2	3.18	<0.5	-	-	0.411	0.33	0.41	0.27	5.83	0.77	0.25	<0.1
18/07/2013	G2	-	-	1.41	1.61	2300	2530	<0.005	<0.005	1870	1740	123	112	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.822	0.751	<0.2	<0.2	0.29	0.53	<0.1	<0.1
27/08/2013	G2	-	-	0.309	0.299	2790	2570	<0.005	<0.005	3450	3430	161	159	-	-	0.008	0.005	-	-	<0.2	<0.2	0.69	<0.5	-	-	0.218	0.218	<0.2	<0.2	0.49	0.45	<0.1	<0.1
27/08/2013	G2-DUP	-	-	0.326	0.264	2750	2540	<0.005	<0.005	3450	3340	152	157	-	-	0.008	0.006	-	-	0.25	<0.2	0.73	<0.5	-	-	0.211	0.207	<0.2	<0.2	0.5	0.67	<0.1	<0.1
26/09/2013	G2	-	-	0.355	0.379	2780	2730	<0.005	<0.005	3960	3840	163	168	-	-	0.007	0.005	-	-	<0.2	0.24	0.85	<0.5	-	-	0.201	0.199	<0.2	<0.2	0.53	0.49	<0.1	<0.1
23/10/2013	G2	-	-	0.372	0.427	2520	2520	<0.005	<0.005	3400	3380	147	153	-	-	0.004	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.206	0.19	<0.2	<0.2	0.54	0.41	<0.1	<0.1
21/11/2013	G2	-	-	2.15	2.02	2280	2330	<0.005	<0.005	2140	2040	124	130	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.26	1.26	<0.2	<0.2	0.85	0.3	<0.1	<0.1
23/12/2013	G2	-	-	2.23	2.21	2650	2670	<0.005	<0.005	2060	2020	134	125	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.29	1.25	<0.2	<0.2	0.26	0.32	<0.1	<0.1
28/01/2014	G2	-	-	2.13	2.25	2770	2900	<0.005	<0.005	2110	2020	125	127	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.28	1.31	<0.2	<0.2	0.2	0.25	<0.1	<0.1
27/02/2014	G2	-	-	2.48	2.38	2550	2560	<0.005	<0.005	2050	2090	131	128	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.37	1.38	<0.2	<0.2	0.19	0.4	<0.1	<0.1
28/03/2014	G2	-	-	2.63	2.75	2590	2630	<0.005	<0.005	2040	2010	123	132	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.47	1.48	<0.2	<0.2	1.59	0.21	<0.1	<0.1
28/03/2014	G2-DUP	-	-	2.67	2.64	2560	2600	<0.005	<0.005	1980	2020	126	133	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.46	1.45	<0.2	<0.2	0.22	0.18	<0.1	<0.1
25/04/2014	G2	-	-	1.83	1.95	2660	2840	<0.005	<0.005	2620	2670	130	128	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.12	1.17	<0.2	<0.2	0.89	0.3	<0.1	<0.1
16/05/2014	G2	-	-	0.888	0.878	2770	2640	0.005	<0.005	1800	1800	120	118	-	-	0.013	0.003	-	-	<0.2	<0.2	1.39	<0.5	-	-	0.573	0.533	0.43	<0.2	3.02	0.34	<0.1	<0.1
16/05/2014	G2-DUP	-	-	0.903	0.893	2750	2650	0.005	<0.005	1840	1700	121	126	-	-	0.013	0.004	-	-	<0.2	<0.2	3.86	<0.5	-	-	0.577	0.528	0.43	<0.2	2.37	0.58	<0.1	<0.1
23/05/2014	G2	-	-	0.556	0.555	2800	2000	0.017	<0.005	1230	4220	101	88.2	-	-	0.043	0.005	-	-	<0.2	<0.2	1.93	<0.5	-	-	0.52	0.367	1.43	<0.2	10.6	0.11	0.15	<0.1
29/05/2014	G2	-	-	0.645	0.575	2560	2420	0.005	<0.005	1220	1270	91.1	88.9	-	-	0.012	0.003	-	-	<0.2	<0.2	1.17	<0.5	-	-	0.366	0.338	0.29	<0.2	3.11	0.66	<0.1	<0.1
06/06/2014	G2	-	-	0.588	0.597	2610	2410	<0.005	<0.005	1150	1170	84.3	79.1	-	-	0.008	0.002	-	-	<0.2	<0.2	1.38	<0.5	-	-	0.353	0.331	0.37	<0.2	1.65	0.44	<0.1	<0.1
13/06/2014	G2	-	-	0.608	0.652	2520	2360	<0.005	<0.005	1180	1120	88.3	86.6	-	-	0.007	0.002	-	-	<0.2	0.29	2.74	<0.5	-	-	0.35	0.359	0.25	<0.2	1.77	0.73	<0.1	<0.1
25/07/2014	G2	-	-	1.28	1.17	2820	2730	<0.005	<0.005	2150	1880	128	124	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.842	0.791	<0.2	<0.2	0.6	0.64	<0.1	<0.1
25/07/2014	G2-DUP	-	-	1.3	1.18	2740	2750	<0.005	0.022	1960	2020	125	124	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.841	0.796	<0.2	<0.2	0.75	0.56	<0.1	<0.1
22/08/2014	G2	-	-	1.51	1.62	2610	3020	<0.005	<0.005	2300	2040	124	133	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.02	1.06	<0.2	<0.2	0.24	1.11	<0.1	<0.1
22/08/2014	G2-DUP	-	-	1.63	1.51	2490	2890	0.005	<0.005	2090	2030	124	131	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.983	1.08	<0.2	<0.2	0.34	0.26	<0.1	<0.1
29/08/2014	G2	-	-	1.73	1.64	2850	2770	<0.005	<0.005	2130	2180	130	133	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.03	1.06	<0.2	<0.2	0.28	0.22	<0.1	<0.1
06/09/2014	G2	-	-	1.41	1.43	2880	2780	<0.005	<0.005	2300	2350	132	134	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.844	0.853	<0.2	<0.2	0.38	0.19	<0.1	<0.1
12/09/2014	G2	-	-	1.57	1.6	2970	2810	<0.005	<0.005	2590	2680	133	128	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.942	0.92	<0.2	<0.2	0.54	0.17	<0.1	<0.1
19/09/2014	G2	-	-	1.74	1.68	2970	2840	<0.005	<0.005	2430	2230	133	131	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.06	1.06	<0.2	<0.2	0.28	0.25	<0.1	<0.1
30/10/2014	G2	-	-	1.64	1.61	2550	2950	<0.005	<0.005	2560	2520	125	134	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.996	1.14	<0.2	<0.2	0.4	0.29	<0.1	<0.1
30/10/2014	G2-DUP	-	-	1.58	1.68	2440	2650	<0.005	<0.005	2350	2560	126	141	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.973	1.11	<0.2	<0.2	0.4	0.24	<0.1	<0.1
28/11/2014	G2	-	-	1.21	1.21	2510	2450	<0.005	<0.005	2310	2280	124	122	-	-	0.0033	0.0023	-	-	0.23	<0.2	0.82	<0.5	-	-	0.858	0.894	<0.2	<0.2	0.65	0.37	<0.1	<0.1
28/11/2014	G2-DUP	-	-	1.22	1.2	2730	2430	<0.005	<0.005	2290	2260	129	122	-	-	0.0044	0.0033	-	-	<0.2	<0.2	0.73	<0.5	-	-	0.908	0.898	<0.2	<0.2	0.94	0.41	<0.1	<0.1
18/12/2014	G2	-	-	1.33	1.36	2520	2550	<0.005	<0.005	2090	2380	119	125	-	-	0.0026	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.99	1.02	<0.2	<0.2	0.27	0.33	<0.1	<0.1
22/01/2015	G2	-	-	1.9	1.92	2690	2580	<0.005	<0.005	2460	2340	134	130	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.23	1.2	<0.2	<0.2	0.16	0.17	<0.1	<0.1
26/02/2015	G2	-	-	1.73	1.85	2640	2760	<0.005	<0.005	2290	2350	126	121	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.11	1.12	<0.2	<0.2	0.19	<0.1	<0.1	<0.1
27/03/2015	G2	-	-	1.37	1.27	2670	2550	<0.005	<0.005	2430	2550	131	134	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.923	0.971	<0.2	<0.2	0.15	0.16	<0.1	<0.1
24/04/2015	G2	-	-	0.591	0.856	2470	2420	<0.005	<0.005	1750	1790	116	125	-	-	0.0044	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.534	0.543	<0.5	<0.2	<1	0.23	<0.1	<0.1
24/04/2015	G2-DUP	-	-	0.588	0.813	2520	2490	<0.005	<0.005	1820	1850	118	125	-	-	0.0046	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.535	0.551	<0.5	<0.2	<1	0.15	<0.1	<0.1
14/05/2015	G2	-	-	0.715	0.756	2300	2740	<0.005	<0.005	1780	1710	115	123	-	-	0.0039	0.0023	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.555	0.568	<0.2	<0.2	0.42	0.9	<0.1	<0.1
21/05/2015	G2	-	-	0.596	0.663	2300	2240	0.006	<0.005	1690	1480	107	100	-	-	0.018	0.003	-	-	<0.2	<0.2	2.69	<0.5	-	-	0.461	0.428	0.76	<0.2	9.7	0.63	0.12	<0.1
29/05/2015	G2	-	-	0.563	0.564	2570	2220	<0.005	<0.005	1190	1170	94.2	90.8	-	-	0.012	0.004	-	-	<0.2	<0.2	0.97	<0.5	-	-	0.372	0.354	0.23	<0.2	1.46	0.25	<0.1	<0.1
04/06/2015	G2	-	-	0.514	0.588	4200	2420	0.0092	<0.005	1180	1270	95	92.9	-	-	0.0338	0.0024	-	-	<0.2	<0.2	23.2	<0.5	-	-	0.399	0.355	2.25	<0.2	5.7	0.13	0.71	<0.1
12/06/2015	G2	-	-	0.772	0.756	2480	2380	<0.005	<0.005	1480	1430	110	104	-	-	0.0063	0.0028	-	-	<0.2	<0.2	1.57	<0.5	-	-	0.511	0.511	0.25	<0.2	0.94	0.22	<0.1	<0.1
24/07/2015	G2	-	-	1.24	1.31	2920	2600	<0.005	<0.005	2230	2200	136	128	-	-	0.012	0.0031	-	-	<0.2	<0.2	<5	<0.5	-	-	1.04	0.981	0.64	<0.2	2.1	0.32	0.13	<0.1
21/08/2015	G2	-	-	1.75	1.61	2890	3070	<0.005	<0.005	2380	2240	137	146	-	-	0.003	0.003	-	-	<0.2	<0.2	1.29	<0.5	-	-	1.13	1.13	<0.2	<0.2	0.57	0.22	<0.1	<0.1
28/08/2015	G2	-	-	1.65	1.8	2690	3010	<0.005	<0.005	2190	2180	134	143	-	-	0.004	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.19	1.17	<0.2	<0.2	0.52	0.87	<0.1	<0.1
04/09/2015	G2	-	-	1.63	1.72	2530	2380	<0.005	<0.005	2460	2440	138	138	-	-	0.005	0.002	-	-	<0.2	<0.2	0.66	<0.5	-	-	1.09	1.03	<0.2	<0.2	0.79	1.48	<0.1	<0.1
10/09/2015	G2	-	-	1.68	1.67	2810	2980	<0.005	<0.005	2360	2350	134	144	-	-	0.003	0.002	-	-	<0.2	<0.2	0.8	<0.5	-	-	1.17	1.18	0.32	<0.2	0.44	1.67	<0.1	<0.1
18/09/2015	G2	-	-	1.84	1.73	2850	2770	<0.005	<0.005	2200	2180	134	135	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.37	1.22	<0.2	<0.2	0.33	0.39	<0.1	<0.1
13/05/2016	G2	-	-	0.637	0.687	2520	2310	<0.005	<0.005	1400	1420	98.5	98.7	-	-	0.005	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.411	0.422	<0.5	<0.2	1.7	0.41	<0.1	<0.1
20/07/2018	G2	<0.2	0.24	1.55	1.51	2760	2460	<0.01	<0.01	2140	2190	130	127	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.94	0.966	<0.5	<0.5	<3	<1	<0.06	<0.06
09/11/2018	G2	<0.2	0.23	2.31	2.2	2650	2680	<0.01	<0.01	2360	3230	134	154	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.9	<0.1	<0.1	1.35	1.36	<0.5	<0.5	<3	1.8	<0.06	0.098
04/03/2019	G2	<0.2	<0.2	2.43	2.75	2380	2390	0.048	<0.01	2020	2050	136	130	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	1.54	1.52	<0.5	<0.5	<3	<1	<0.06	<0.06
18/06/2019	G2	0.25	0.2	1.03	0.937	2450	2330	<0.01	<0.01	1760	1970	112	124	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	0.89	0.38	<0.3	<0.1	<0.1	0.573	0.632	<0.5	<0.5	<3	<1	<0.2	<0.2
15/05/2012	H1	-	-	11.1	11.3	2580	2220	0.022	<0.005	1240	1260	96.1	92	-	-	0.033	0.005	-	-	<0.2	<0.2	5.37	<0.5	-	-	0.87	0.779	0.83	<0.2	7.13	0.74	0.14	<0.1
19/06/2012	H1	-	-	10.5	10.7	2350	2120	0.0079	<0.005	1020	1010	85.8	83.2	-	-	0.0123	0.0034	-	-	<0.2	<0.2	1.68	<0.5	-	-	0.818	0.775	0.36	<0.2	2.7	1.19	0.12	<0.1
25/07/2012	H1	-	-	15.5	14.6	1990	2180	<0.005	<0.005	1560	1430	111	111	-	-	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.33	1.25	0.22	<0.2	1.19	0.77	<0.1	<0.1
26/08/2012	H1	-	-	22.7	23.2	2270	2250	<0.005	<0.005	1740	1660	127	128	-	-	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.82	1.83	<0.2	<0.2	0.57	0.26	<0.1	<0.1
18/09/2012	H1	-	-	20.4	25.8	2140	2250	<0.005	<0.005	1690	1890	121	133	-	-	0.005	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.87	2.02	<0.2	<0.2	1.05	0.5	<0.1	<0.1
25/10/2012	H1	-	-	24.7	26.5	2100	2080	<0.005	<0.005	1780	1800	138	141	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.04	2.11	<0.2	<0.2	0.68	0.39	<0.1	<0.1
23/11/2012	H1	-	-	25.6	26.6	2360	2360	<0.005	<0.005	2020	2030	143	141	-	-	0.005	0.005	-	-	0.28	0.47	<0.5	<0.5	-	-	2.07	2.1	<0.2	<0.2	1.44	1.09	<0.1	<0.1
16/12/2012	H1	-	-	26.3	25.8	2420	2350	<0.005	<0.005	2130	2050	147	146	-	-	0.004	0.005	-	-	<0.2	<0.2	0.66	<0.5	-	-	2.15	2.13	<0.2	<0.2	9.82	1.41	<0.1	<0.1
25/01/2013	H1	-	-	26.5	26.9	2440	2890	<0.005	<0.005	1860	1910	150	144	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.21	2.14	<0.2	<0.2	0.62	0.82	<0.1	<0.1
21/02/2013	H1	-	-	24.7	23.3	2360	2190	<0.005	<0.005	2000	1930	160	155	-	-	0.005	0.004	-	-	<0.2	0.21	<0.5	<0.5	-	-	2.13	2.08	<0.2	<0.2	0.64	0.63	<0.1	<0.1
21/02/2013	H1-DUP	-	-	23.6	23.7	2280	2230	<0.005	<0.005	1980	1930	158	154	-	-	0.005	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.15	2.07	<0.2	<0.2	0.68	0.4	<0.1	<0.1
21/03/2013	H1	-	-	25.8	26.8	2090	2010	<0.005	<0.005	2030	2020	147	152	-	-	0.004	0.004	-	-	<0.2	0.26	<0.5	<0.5	-	-	2.24	2.18	<0.2	<0.2	0.48	0.45	<0.1	<0.1
21/03/2013	H1-DUP	-	-	26.3	25.9	2100	2020	<0.005	<0.005	2070	2000	147	155	-	-	0.005	0.004	-	-	<0.2	0.26	<0.5	<0.5	-	-	2.16	2.19	<0.2	<0.2	0.45	0.43	<0.1	<0.1
18/04/2013	H1	-	-	29.5	26.7	2070	1980	<0.005	<0.005	1930	1940	138	131	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.24	2.07	<0.2	<0.2	0.48	0.28	<0.1	<0.1
24/05/2013	H1	-	-	12.2	12.4	2320	2150	0.008	<0.005	1230	1250	97.9	89.9	-	-	0.017	0.006	-	-	<0.2	0.22	2.9	<0.5	-	-	1.03	0.968	0.34	0.3	2.84	0.24	0.15	<0.1
18/07/2013	H1	-	-	20.4	21.8	2330	2390	<0.005	<0.005	1600	1570	121	115	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.58	1.54	<0.2	<0.2	0.43	0.39	<0.1	<0.1
27/08/2013	H1	-	-	25.6	26.1	2210	1990	<0.005	<0.005	1720	1680	132	133	-	-	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.9	1.95	<0.2	<0.2	0.41	0.71	<0.1	<0.1
26/09/2013	H1	-	-	25.6	25.6	2370	2430	<0.005	<0.005	1950	1870	137	139	-	-	0.005	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.89	1.87	<0.2	<0.2	0.3	0.25	<0.1	<0.1
23/10/2013	H1	-	-	26.9	28.1	1950	2050	<0.005	<0.005	1960	1920	139	143	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.14	2.07	<0.2	<0.2	0.41	0.35	<0.1	<0.1
21/11/2013	H1	-	-	27.3	25.6	2160	2350	<0.005	<0.005	2170	2080	168	167	-	-	0.005	0.002	-	-	<0.2	<0.2	<0.5	0.52	-	-	2.25	2.17	<0.2	0.2	1.14	1.03	<0.1	<0.1
22/12/2013	H1	-	-	28.7	30	2280	2350	<0.005	<0.005	1840	1690	149	138	-	-	0.004	0.003	-	-	0.24	<0.2	<0.5	<0.5	-	-	2.22	2.16	<0.2	<0.2	0.59	0.15	<0.1	<0.1
28/01/2014	H1	-	-	26.4	26.7	2380	2420	<0.005	<0.005	1880	1890	151	151	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.22	2.26	<0.2	<0.2	0.36	0.36	<0.1	<0.1
27/02/2014	H1	-	-	27.4	28	2290	2260	<0.005	<0.005	1990	2010	157	163	-	-	0.004	0.003	-	-	<0.2	0.24	<0.5	<0.5	-	-	2.29	2.26	<0.2	<0.2	0.59	0.44	<0.1	<0.1
27/02/2014	H1-DUP	-	-	27.9	28.1	2310	2360	<0.005	<0.005	1990	2060	158	160	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.26	2.25	<0.2	<0.2	2.29	0.8	<0.1	<0.1
28/03/2014	H1	-	-	27.4	28.3	2250	2330	<0.005	<0.005	2080	2070	159	164	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.4	2.35	<0.2	<0.2	0.33	0.37	<0.1	<0.1
25/04/2014	H1	-	-	26.8	26.4	2300	2450	<0.005	<0.005	1960	1990	139	134	-	-	0.006	0.005	-	-	<0.2	<0.2	0.84	<0.5	-	-	2.19	2.22	0.21	<0.2	0.61	0.32	<0.1	<0.1
16/05/2014	H1	-	-	20.5	20.2	2410	2260	<0.005	<0.005	1540	1510	107	104	-	-	0.016	0.005	-	-	<0.2	<0.2	2.15	<0.5	-	-	1.35	1.35	0.55	<0.2	3.57	0.54	<0.1	<0.1
23/05/2014	H1	-	-	14.1	14.5	2640	1870	0.014	<0.005	1550	1140	95.2	86.9	-	-	0.032	0.007	-	-	<0.2	<0.2	2.85	<0.5	-	-	1.05	0.971	1.08	<0.2	14	0.14	0.23	<0.1
29/05/2014	H1	-	-	17.9	16.3	2340	2200	<0.005	<0.005	1230	1190	94.4	92.3	-	-	0.011	0.004	-	-	<0.2	<0.2	0.91	<0.5	-	-	1.09	1.02	0.31	<0.2	1.97	0.53	<0.1	<0.1
06/06/2014	H1	-	-	13.5	13.4	2550	2170	<0.005	<0.005	1200	1160	88.6	85.6	-	-	0.008	0.003	-	-	<0.2	<0.2	2.2	<0.5	-	-	0.96	0.941	0.37	<0.2	3.89	0.59	<0.1	<0.1
13/06/2014	H1	-	-	13.4	13.4	2330	2080	<0.005	<0.005	1260	1130	94.3	93.9	-	-	0.006	0.002	-	-	<0.2	<0.2	1.18	<0.5	-	-	0.992	1.04	0.23	<0.2	1.41	0.34	<0.1	<0.1
25/07/2014	H1	-	-	20.4	18.8	2450	2320	<0.005	<0.005	1880	1650	134	125	-	-	0.004	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.77	1.66	<0.2	<0.2	0.3	2	<0.1	<0.1
22/08/2014	H1	-	-	22.2	21.2	2250	2420	<0.005	<0.005	1800	1720	131	134	-	-	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.84	1.95	<0.2	<0.2	0.64	0.37	<0.1	<0.1
29/08/2014	H1	-	-	22.1	22.9	2330	2280	0.005	<0.005	1810	1730	137	146	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.87	1.91	<0.2	<0.2	0.42	0.34	<0.1	<0.1
06/09/2014	H1	-	-	20.6	19	2570	2440	<0.005	<0.005	1830	1830	136	142	-	-	0.004	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.68	1.8	<0.2	<0.2	0.53	0.3	<0.1	<0.1
12/09/2014	H1	-	-	23.6	23	2740	2450	<0.005	<0.005	2030	2070	135	135	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.84	1.86	<0.2	0.25	0.46	0.34	<0.1	<0.1
19/09/2014	H1	-	-	23	23	2390	2360	<0.005	<0.005	2000	1930	140	140	-	-	0.006	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.98	2.01	<0.2	<0.2	0.36	0.28	<0.1	<0.1
19/09/2014	H1-DUP	-	-	0.577	0.59	1860	1750	<0.005	<0.005	708	718	83.5	83.2	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.584	0.588	<0.2	<0.2	1.45	0.37	<0.1	<0.1
30/10/2014	H1	-	-	22.7	22.9	2130	2420	<0.005	<0.005	1970	2030	133	144	-	-	0.002	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.9	2.13	<0.2	<0.2	0.35	0.33	<0.1	<0.1
28/11/2014	H1	-	-	21.2	23.1	2260	2240	0.0068	<0.005	1870	1900	134	141	-	-	0.0138	0.0043	-	-	<0.2	0.41	<5	<0.5	-	-	2.18	2.21	0.53	<0.2	1.9	0.42	<0.1	<0.1
18/12/2014	H1	-	-	20.4	22	2280	2480	<0.005	<0.005	1860	1890	147	151	-	-	0.0033	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.06	2.21	<0.2	<0.2	0.38	0.35	<0.1	<0.1
22/01/2015	H1	-	-	24.3	24.5	2440	2410	<0.005	<0.005	1990	2130	158	153	-	-	0.004	0.004	-	-	0.2	<0.2	<0.5	<0.5	-	-	2.2	2.18	<0.2	<0.2	0.61	0.43	<0.1	<0.1
23/01/2015	H1-DUP	-	-	24.8	25.1	2380	2320	<0.005	<0.005	2190	2000	157	157	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.12	2.2	<0.2	<0.2	0.29	0.32	<0.1	<0.1
26/02/2015	H1	-	-	22.7	21.7	2510	2450	<0.005	<0.005	2130	2070	149	135	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.08	2.02	<0.2	<0.2	0.6	0.22	<0.1	<0.1
27/03/2015	H1	-	-	22.1	21.5	2370	2340	<0.005	<0.005	2000	2010	139	144	-	-	0.0029	0.0022	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.05	2.07	<0.2	<0.2	0.4	0.32	<0.1	<0.1
24/04/2015	H1	-	-	13.5	19.8	1960	1990	<0.005	<0.005	1390	1440	106	108	-	-	0.0065	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	1.46	1.55	<0.5	<0.2	1.4	0.29	<0.1	<0.1
14/05/2015	H1	-	-	16.5	18.3	1920	2260	<0.005	0.0093	1640	1580	120	128	-	-	0.0067	0.0049	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.6	1.5	<0.2	<0.2	0.45	0.67	<0.1	<0.1
21/05/2015	H1	-	-	10.8	12.5	1700	1850	<0.005	<0.005	1470	1300	107	102	-	-	0.009	0.005	-	-	<0.2	<0.2	0.97	<0.5	-	-	1.15	1.1	0.22	<0.2	1.05	0.26	<0.1	<0.1
29/05/2015	H1	-	-	8.8	8.03	2360	1960	<0.005	<0.005	1160	1150	97.1	94.3	-	-	0.012	0.005	-	-	<0.2	<0.2	1.14	<0.5	-	-	0.902	0.874	0.29	<0.2	1.37	0.27	<0.1	<0.1
04/06/2015	H1	-	-	8.02	9.48	2810	2300	0.0103	<0.005	1280	1280	105	103	-	-	0.0237	0.0038	-	-	<0.2	<0.2	<5	<0.5	-	-	0.995	0.974	1.18	<0.2	3.7	0.24	0.13	<0.1
12/06/2015	H1	-	-	11.2	12.9	2260	2190	<0.005	<0.005	1400	1390	117	111	-	-	0.0071	0.0044	-	-	<0.2	<0.2	0.65	<0.5	-	-	1.22	1.21	0.22	<0.2	0.64	0.79	<0.1	<0.1
24/07/2015	H1	-	-	18.6	19.4	2280	2170	<0.005	<0.005	1790	1750	132	124	-	-	0.0094	0.0048	-	-	0.24	<0.2	<5	<0.5	-	-	2.03	1.85	<0.5	0.23	1.6	0.35	<0.1	<0.1
21/08/2015	H1	-	-	22.6	21.1	2320	2520	<0.005	<0.005	1830	1850	147	149	-	-	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.98	2.04	<0.2	<0.2	0.62	0.34	<0.1	<0.1
28/08/2015	H1	-	-	22.8	24.1	2160	2340	<0.005	<0.005	1870	1790	140	147	-	-	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.2	2.16	0.22	<0.2	0.52	0.69	<0.1	<0.1
04/09/2015	H1	-	-	20.8	20.2	2100	2340	<0.005	<0.005	1910	1900	144	145	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.99	1.97	<0.2	<0.2	0.71	1.67	<0.1	<0.1
10/09/2015	H1	-	-	22.9	22.8	2270	2470	<0.005	<0.005	1860	1830	139	149	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.15	2.11	0.26	0.21	1.25	1.97	<0.1	<0.1
18/09/2015	H1	-	-	27.3	24.5	2270	2310	<0.005	<0.005	1850	1910	143	161	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	2.2	2.26	<0.2	<0.2	0.54	0.34	<0.1	<0.1
13/05/2016	H1	-	-	15.9	17.1	2250	2120	<0.005	<0.005	1360	1410	105	110	-	-	0.007	0.003	-	-	<0.2	<0.2	<5	<0.5	-	-	1.21	1.3	<0.5	<0.2	1.7	0.33	<0.1	<0.1
20/07/2018	H1	0.53	0.4	21.7	23.5	2340	2070	<0.01	<0.01	1730	1710	135	131	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	1.77	1.82	<0.5	<0.5	<3	<1	<0.06	<0.06
09/11/2018	H1	0.4	0.41	29.8	29.5	2220	2170	<0.01	<0.01	2010	2850	152	170	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.9	<0.1	<0.1	2.32	2.26	<0.5	<0.5	<3	1.4	<0.06	0.09
04/03/2019	H1	0.32	0.33	28.5	30.3	2310	2200	<0.01	<0.01	1940	1900	173	160	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	2.46	2.38	<0.5	<0.5	<3	<1	<0.06	<0.06
18/06/2019	H1	0.38	0.41	13.8	13.7	2160	2070	<0.01	<0.01	1520	1750	113	121	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	1.29	1.45	<0.5	<0.5	<3	1.5	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Sample Date	Sample ID	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater						0.05	0.1	0.1								0.2			1		0.02				
BC WQG Working - Fresh Water Aquatic Life																						3.4			
CWQG Aquatic Life Freshwater - Long Term				5.8		4.4	0.012	0.018	0.015							0.04	3		1.1	0.4	0.025	3.4			
CWQG Aquatic Life Freshwater - Short Term																									
15/05/2012	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19/06/2012	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/07/2012	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2012	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/10/2012	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/10/2012	G2-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/12/2012	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	G2-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/02/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/03/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/04/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/05/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/07/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/08/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/08/2013	G2-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/10/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/12/2013	G2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.087	<0.02	<0.5	<0.5	<0.05	<0.5
27/02/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
28/03/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/03/2014	G2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/04/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
16/05/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
16/05/2014	G2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/05/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
06/06/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/06/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/07/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/07/2014	G2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/08/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/08/2014	G2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/08/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
06/09/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
19/09/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	G2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/11/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/11/2014	G2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/03/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2015	G2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/06/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/09/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2015	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/05/2016	G2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	G2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	G2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
04/03/2019	G2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
18/06/2019	G2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
15/05/2012	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19/06/2012	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/07/2012	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2012	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/10/2012	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/11/2012	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/12/2012	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/02/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/02/2013	H1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/03/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/03/2013	H1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/04/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/05/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/07/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/08/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/10/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.071	<0.02	<0.5	<0.5	<0.05	<0.5
27/02/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/02/2014	H1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
28/03/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/04/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
16/05/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/05/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
06/06/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/06/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/07/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/08/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/08/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
06/09/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
19/09/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
19/09/2014	H1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/11/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/01/2015	H1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/03/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/06/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/09/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2015	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/05/2016	H1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	H1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	H1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
04/03/2019	H1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
18/06/2019	H1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered) vs. Short-term (acute)	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.005	0.005	0.05	0.05	1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05
BC WQG Approved Short Term Maximum (Acute) - Freshwater				110			Variable	1000[#9]	350[#9]	Variable[#4]						Variable[#4]				2000	
BC WQG Working - Fresh Water Aquatic Life												870[#17]	870[#17]								
CWQG Aquatic Life Freshwater - Long Term						Variable		300	300	Variable[#26]								0.026		73	
CWQG Aquatic Life Freshwater - Short Term																					
M1	14/05/2012	M1	B240844	0.524	0.124	1.24	0.456	191	26.9	0.505	0.046	2.24	2.34	8060	7940	20.3	2.45	<0.01	<0.01	0.458	0.521
	14/05/2012	M1-DUP	B240844	0.613	0.086	1.42		208	12.4	0.553	0.009	2.3	2.28	8260	8120	22.4	1.09	<0.01	<0.01	0.448	0.463
	19/06/2012	M1	B252527	0.236	0.0673	0.599	0.35	165	12	0.253	0.0114	2.06	1.85	6340	6190	12.4	1.08	<0.01	<0.01	0.373	0.412
	25/07/2012	M1	B265706	0.184	0.125	0.289	0.233	39	4.8	0.103	0.029	4.5	4.12	12,600	12,500	2.95	1.02	<0.01	<0.01	0.73	0.746
	25/08/2012	M1	B276408	0.074	0.063	0.261	0.293	11.9	8.5	0.011	0.006	6.38	5.96	16,000	16,400	1.74	1.14	<0.01	<0.01	0.728	0.79
	18/09/2012	M1	B283851	0.045	0.038	0.218	0.637	4.9	4.4	0.009	0.017	6.75	7.33	16,500	17,300	1.18	0.822	<0.01	<0.01	0.706	0.837
	18/09/2012	M1-DUP	B283851	0.049	0.038	0.885		8.5	4.6	0.018	0.005	7.27	5.91	18,300	16,700	1.38	0.721	<0.01	<0.01	0.826	0.765
	24/10/2012	M1	B297129	0.029	0.023	0.166	0.645	9.3	4.8	0.014	0.041	5.01	5.14	14,600	15,000	1.01	0.629	<0.01	<0.01	0.741	0.696
	23/11/2012	M1	B2A7294	0.069	0.08	0.411	0.443	9.5	21.8	0.033	0.041	4.54	4.56	13,300	13,500	0.556	1.29	<0.01	<0.01	0.71	0.721
	15/12/2012	M1	B2B4014	0.044	0.033	0.34	0.356	14.1	6.3	0.024	0.011	4.51	4.63	16,000	15,600	0.864	0.648	<0.01	<0.01	0.75	0.727
	25/01/2013	M1	B306701	0.029	0.019	0.507	0.18	9	3.7	0.027	0.007	5.19	4.84	15,500	17,400	0.732	0.443	<0.01	<0.01	0.69	0.64
	21/02/2013	M1	B314188	0.024	0.023	0.27	0.244	9.6	8.5	0.009	<0.005	5.26	5.12	16,800	16,500	0.779	0.556	<0.01	<0.01	0.698	0.678
	20/03/2013	M1	B322778	0.056	0.028	0.394	0.364	63.7	12.2	0.06	0.013	3.86	3.66	12,300	11,900	2.27	0.633	<0.01	<0.01	0.61	0.609
	17/04/2013	M1	B330896	0.061	0.037	0.629	0.618	104	22.4	0.084	0.018	2.22	1.67	7880	6610	3.09	0.687	<0.01	<0.01	0.506	0.452
	24/05/2013	M1	B341818	0.215	0.054	1.08	0.636	212	21.1	0.273	0.012	1.55	1.33	5450	5350	14.1	2.02	<0.01	<0.01	0.367	0.389
	21/06/2013	M1	B352218	6.38	0.075	15.7	0.804	3980	78.4	10.2	0.076	3.76	1.61	16,300	5840	644	5.01	<0.01	0.01	0.338	0.582
	21/06/2013	M1-DUP	B352218	7.24	0.057	17		6310	53.4	11.1	0.041	5.14	1.62	16,400	5780	664	4.48	<0.01	<0.01	0.185	0.575
	17/07/2013	M1	B361290	0.08	0.033	0.493	0.368	119	5.4	0.051	0.016	4.07	3.99	11,800	12,700	4.25	2.07	<0.01	<0.01	1.44	0.826
	26/08/2013	M1	B376191	0.038	0.029	0.351	0.403	13.2	8	0.023	0.021	5.81	5.74	16,700	17,100	3.98	3.22	<0.01	<0.01	0.841	0.774
	25/09/2013	M1	B387669	0.062	0.019	0.401	0.265	84	7.4	0.092	0.008	5.1	4.73	14,700	13,900	4.72	1.65	<0.01	<0.01	0.745	0.789
	24/10/2013	M1	B399472	0.024	0.026	0.205	0.379	16.5	4.5	0.019	0.008	4.69	4.7	15,700	16,400	1.71	1.18	<0.002	<0.002	0.737	0.748
	24/10/2013	M1-DUP	B399472	0.024	0.026	0.283		16	5.3	0.029	0.014	4.72	4.74	15,700	16,700	1.79	1.25	<0.002	<0.002	0.706	0.714
	20/11/2013	M1	B3A8665	0.015	0.014	0.305	0.241	4.9	1.8	0.019	0.014	2.91	2.43	11,500	10,300	0.605	0.33	<0.01	<0.002	0.581	0.6
	22/12/2013	M1	B3B7782	0.026	0.018	0.225	0.182	13.6	3	0.025	<0.005	5.34	4.86	16,200	15,300	1.72	0.985	<0.002	<0.002	0.709	0.71
	27/01/2014	M1	B406874	0.015	0.014	0.315		16.1	9	0.041	0.011	4.3	4.56	14,900	15,300	1.66	1.42	-	-	0.745	0.753
	27/02/2014	M1	B416171	0.017	0.014	0.285	0.422	12.8	3.5	0.016	<0.005	5.67	5.31	16,000	16,500	1.26	0.973	<0.002	<0.002	0.654	0.674
	27/03/2014	M1	B424928	0.029	0.017	0.301	0.311	30.8	2.7	0.037	0.033	4.65	5.33	15,700	15,700	2.34	1.12	0.0083	<0.002	0.732	0.715
	24/04/2014	M1	B432952	0.147	0.055	1.2	0.466	137	10.8	0.174	0.006	4.18	3.92	14,200	13,400	7.3	1.2	<0.002	<0.002	0.679	0.699
	24/04/2014	M1-DUP	B432952	0.151	0.056	0.68		151	10	0.186	0.015	4.19	3.82	14,000	14,100	7.54	1.14	<0.002	<0.002	0.688	0.701
	15/05/2014	M1	B439804	0.487	0.062	1.68	0.594	465	28.5	0.667	0.014	3.02	2.3	9300	9060	27.9	1.73	<0.002	0.0023	0.4	0.511
	23/05/2014	M1	B442060	2.5	0.041	5.63	0.818	2340	19.3	4.32	0.01	2.93	1.56	9170	5450	204	1.46	<0.002	0.0023	0.228	0.452
	29/05/2014	M1	B444272	0.398	0.052	1.28	0.566	403	37.3	0.675	0.084	1.91	1.66	6900	6360	31.5	3.98	<0.002	<0.002	0.266	0.466
	05/06/2014	M1	B446972	0.358	0.048	1.13	0.536	333	25.7	0.583	0.028	1.65	1.57	6310	5600	30.7	2.2	<0.002	0.003	0.339	0.442
	12/06/2014	M1	B449500	0.148	0.044	0.722	0.416	168	13.9	0.175	0.018	1.82	1.51	6880	6440	9.45	1.61	<0.002	<0.002	0.503	0.447
	24/07/2014	M1	B464009	0.048	0.037	0.307	0.289	29.8	5.3	0.032	0.011	4.16	4.21	13,100	12,300	2.95	1.75	<0.002	<0.002	0.731	0.855
	22/08/2014	M1	B474408	0.018	0.023	0.299	0.293	14.6	5.2	0.017	0.006	5.29	4.98	15,000	16,300	2.04	1.43	0.0041	<0.002	0.835	0.802
	29/08/2014	M1	B476541	0.04	0.025	0.347	0.239	33.9	9.4	0.033	0.011	5.42	5.35	14,500	13,000	3	1.52	0.004	0.0036	0.778	0.884
	05/09/2014	M1	B479164	0.032	0.022	0.294	0.239	27.2	5.4	0.026	0.013	4.03	4.3	13,400	15,500	2.16	1.14	0.0052	0.0045	0.735	0.692
	11/09/2014	M1-DUP	B481292	0.024	0.018	0.256	-	15.9	4.7	0.015	<0.005	4.57	4.82	17,200	16,400	1.8	1.24	0.0046	0.0024	0.714	0.792
	12/09/2014	M1	B481292	0.027	0.017	0.413	0.246	18.2	3.9	0.017	<0.005	4.65	4.85	17,900	16,300	1.86	1.16	<0.002	0.0045	0.721	0.772
	19/09/2014	M1	B483962	0.027	0.018	0.262	0.249	16.7	4.2	0.015	<0.005	4.5	4.5	15,900	15,400	1.95	1.18	0.0035	0.0045	0.789	0.803
	30/10/2014	M1	B499587	0.017	0.011	0.247	0.228	12.8	4.3	0.01	<0.005	4.55	4.47	15,200	15,100	1.5	0.974	<0.002	<0.002	0.763	0.763
	28/11/2014	M1	B4A9093	0.428	0.0328	1.66	0.404	818	7.7	0.531	0.0117	3.83	3.86	13,000	12,700	17.4	1.08	<0.002	<0.002	0.756	0.696
	18/12/2014	M1	B4B5326	0.0286	0.014	0.354	0.293	32.9	5.5	0.0293	<0.005	3.38	3.91	11,500	12,700	1.6	0.688	<0.002	<0.002	0.627	0.732
	23/01/2015	M1	B505986	0.018	0.012	0.245	0.22	22.7	3.6	0.023	<0.005	5.1	4.66	16,000	15,700	1.32	0.614	0.0036	<0.002	0.745	0.713
	27/02/2015	M1	B516449	0.025	0.025	0.221	0.271	16.1	5	0.012	<0.005	4.53	4.08	16,000	15,900	1.04	0.696	<0.002	<0.002	0.7	0.744
	26/03/2015	M1	B525184	0.147	0.0312	0.679	0.325	160	9	0.215	<0.005	3.35	3.43	11,800	12,200	7.06	1.04	<0.002	<0.002	0.59	0.643
	23/04/2015	M1	B533584	0.152	0.0422	0.76	0.324	191	10.6	0.151	<0.005	2.13	2.05	8670	8700	6.41	0.843	<0.002	<0.002	0.52	0.588
	15/05/2015	M1	B540628	0.0677	0.0318	0.368	0.256	61.8	8.4	0.0505	0.0058	2.4	2.01	9130	9440	2.41	0.756	0.0029	<0.002	0.603	0.609
	21/05/2015	M1	B542667	0.25	0.038	0.662	0.313	303	8.7	0.228	<0.005	2.4	2.04	8070	7970	10.3	1.04	<0.002	<0.002	0.474	0.467
	28/05/2015	M1	B545872	0.332	0.027	0.886	0.308	362	21.4	0.522	0.008	1.91	1.7	6620	6370	19.4	1.33	<0.002	<0.002	0.431	0.46
	04/06/2015	M1	B547761	0.443	0.0428	1.65	0.523	852	25.3	0.672	0.0271	1.73	1.61	7070	6860	24.6	1.35	<0.002	0.0032	0.533	0.453
	11/06/2015	M1	B549906	0.129	0.0269	0.454	0.512	167	7.5	0.142	0.0057	2.14	1.78	8180	7690	6.94	1.11	<0.002	<0.002	0.541	0.572
	23/07/2015	M1	B563471	0.0242	0.0159	0.265	0.155	14.9	3.8	0.0213	<0.005	5.16	4.41	14,300	14,500	1.5	1.07	<0.002	<0.002	0.798	0.767
	20/08/2015	M1	B572515	0.017	0.016	0.243	0.232	6.5	3.2	0.005	<0.005	6.72	6.43	16,700	16,400	1.43	1.08	<0.002	<0.002	0.822	0.812
	27/08/2015	M1	B575103	0.02	0.015	0.275	0.288	11.7	3.6	0.012	<0.005	5.94	6.14	16,300	16,500	1.56	1.04	<0.002	<0.002	0.778	0.821
	03/09/2015	M1	B577658	0.544	0.023	2.45	0.357	1140	4.3	0.876	<0.005	5.91	5.69	14,200	15,000	15	0.768	<0.002	<0.002	0.966	0.84
	10/09/2015	M1	B579637	0.036	0.016	0.231	0.326	28.6	3.1	0.033	0.005	5.07	5.43	15,500	15,600	2.85	1	<0.002	<0.002	0.819	0.816
	17/09/2015	M1	B582068	0.017	0.014	0.192	0.185	8.7	4.2	0.011	<0.005	5.87	6.71	15,700	15,800	1.37	0.956	<0.002	<0.002	0.784	0.778
	13/05/2016	M1	B637198	0.309	0.196	0.458	0.227	141	8.9	0.109	<0.005	2.94	2.96	9480	9660	5.69	1.41	<0.002	<0.002	0.554	0.582
	09/11/2018	M1	L2195291	<0.1	<0.1	<0.5	0.23	18	68	<0.05	<0.05	5.9	5.7	16,600	16,800	1.14	0.82	<0.005	<0.005	0.838	0.843
	09/11/2018	M1-DUP	L2195291	<0.1	<0.1	<0.5	-	30	23	<0.05	<0.05	5.9	5.8	16,900	17,300	1.17	0.77	<0.005	<0.005	0.842	0.803
	04/03/2019	M1	L2240838	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	6.2	6.1	17,800	18,400	0.74	0.5	<0.005	<0.005	0.735	0.693
	18/06/2019	M1	L2295044	0.11	<0.1	<0.5	0.24	34	<10	<0.05	<0.05	3.2	3.1	10,100	9820	2	0.79	<0.005	<0.005	0.592	0.622
M2	14/05/2012	M2	B240844	0.579	0.071	1.31	0.323	212	11.4	0.542	0.008	2.3	2.16	8440	8170	22	1.09	<0.01	<0.01	0.384	0.445
	19/06/2012	M2	B252527	0.222	0.0532	0.693	0.319	165	12.3	0.271	0.013	1.97	1.82	6390	6190	12.1	0.945	<0.01	<0.01	0.369	0.42
	25/07/2012	M2	B265706	0.104	0.079	0.304	0.212	30.9	4.1	0.177	0.028	3.96	3.92	14,200	14,000	2.11	0.99	<0.01	<0.01	0.748	0.753
	25/08/2012	M2	B276408	0.049	0.028	0.197	0.2	16.8	4.9	0.017	0.007	5.42	5.32	18,000	18,000	1.59	0.984	<0.01	<0.01	0.747	0.754
	18/09/2012	M2	B283851	0.022	0.022	0.148	0.411	7.7	4.1	0.011	0.007	5.93	6.24	18,300	21,600	1.12	0.737	<0.01	<0.01	0.693	0.836
	24/10/2012	M2	B297129	0.026	0.019	0.159	0.116	9.6	3.6	0.011	<0.005	4.66	5.05	16,900	17,300	0.919	0.582	<0.01	<0.01	0.71	0.766
	23/11/2012	M2	B2A7294	0.07	0.048	0.419	0.408	21.8	8	0.037	0.013	4.61	4.49	16,300	15,100	1.08	0.545	<0.01	<0.01	0.792	0.759
	15/12/2012	M2	B2B4014	0.03	0.022	0.623	0.164	12.2	6.3	0.025	0.007	4.71	4.64	18,900	18,500	0.928	0.544	<0.01	<0.01	0.783	0.822
	24/01/2013	M2	B306701	0.025	0.02	0.122	0.121	15.4	2.1	0.017	<0.005	5.28	5.05	18,800	19,600	1.22	0.438	<0.01	<0.01	0.708	0.787
	21/02/2013	M2	B314188	0.02	0.017	0.13	0.112	6.7	3.3	0.007	0.009	5.62	5.46	23,400	22,800	0.561	0.435	<0.01	<0.01	0.83	0.785
	20/03/2013	M2	B322778	0.039	0.029	0.241	0.221	25.6	4.3	0.028	0.006	4.88	4.73	16,800	17,200	1.31	0.62	<0.01	<0.01	0.7	0.736
	17/04/2013	M2	B330896	0.072	0.032	0.324	0.329	58.3	4.3	0.065	0.005	4.8	4.41	17,600	17,300	3.2	0.627	<0.01	<0.01	0.737	0.734
	17/04/2013	M2-DUP	B330896	0.059	0.033	0.356		58.3	4.5	0.064	0.007	4.77	4.51	17,300	18,000	2.92	0.689	<0.01	<0.01	0.708	0.76
	24/05/2013	M2	B341818	0.24	0.049	0.833	0.476	191	11.7	0.313	0.005	1.99	1.99	7000	7200	16.6	1.76	<0.01	<0.01	0.412	0.501
	21/06/2013	M2	B352218	6.12	0.06	14.7	0.813	4580	59.1	10.2	0.049	3.7	1.93	15,800	6380	637	4.65	<0.01	<0.01	0.347	0.631
	17/07/2013	M2	B361290	0.039	0.025	0.286	0.247	29.4	3.7	0.041	0.035	4.02	4	12,100	12,200	3.07	1.41	<0.01	<0.01	0.827	0.773
	26/08/2013	M2	B376191	0.032	0.026	0.342	0.33	15.4	6.1	0.025	0.012	5.03	5.73	16,100	15,700	2.87	1.89	<0.01	<0.01	0.734	0.903
	25/09/2013	M2	B387669	0.059	0.02	0.311	0.335	60.8	5.3	0.059	0.023	4.97	4.49	15,600	14,500	3.29	1.32	<0.01	<0.01	0.801	0.787
	24/10/2013	M2	B399472	0.02	0.024	0.326	0.213	12.9	2.7	0.019	<0.005	4.12	4.25	15,700	16,000	1.28	0.892	<0.002	<0.002	0.76	0.762
	20/11/2013	M2	B3A8665	0.021	0.012	0.208	0.138	9.2	2.5	0.02	<0.005	4.99	4.38	17,900	17,300	1.4	1.13	<0.01	<0.002	0.754	0.797
	22/12/2013	M2	B3B7782	0.015	0.012	0.317	0.155	11.2	2.1	0.01	<0.005	5.25	5.02	16,000	15,500	1.24	0.654	<0.002	<0.002	0.787	0.691
	27/01/2014	M2	B406874	0.009	0.007	0.144	0.147	8	3.7	0.01	<0.005	4.31	4.64	17,000	16,500	0.973	0.671	-	-	0.773	0.803
	27/02/2014	M2	B416171	0.016	0.011	0.152	0.297	7.6	2.6	0.009	<0.005	5.42	5.69	20,000	20,100	0.861	0.546	<0.002	<0.002	0.747	0.801
	27/03/2014	M2	B424928	0.02	0.016	0.214	0.212	19.6	2.1	0.023	<0.005	4.84	5.11	17,600	17,100	1.59	0.759	<0.002	<0.002	0.815	0.785
	24/04/2014	M2	B432952	0.127	0.049	0.75	0.41	139	6.9	0.154	0.006	4.29	3.98	14,100	14,200	6.66	1.07	<0.002	<0.002	0.69	0.696
	15/05/2014	M2	B439804	0.442	0.059	1.36	0.624	456	24.9	0.666	0.03	3.15	2.75	10,500	9380	27.6	1.75	<0.002	0.0021	0.524	0.55
	23/05/2014	M2	B442060	2.07	0.036	4.58	0.691	1960	12.7	3.6	0.006	3.22	1.81	9160	6000	175	1.17	<0.002	<0.002	0.227	0.465
	29/05/2014	M2	B444272	0.356	0.046	1.15	0.462	320	12.4	0.555	0.009	2.02	1.76	7310	6880	28.1	2.35	<0.002	<0.002	0.286	0.472
	05/06/2014	M2	B446972	0.47	0.054	1.49	0.415	473	28.1	0.819	0.021	1.74	1.63	6420	6260	41.7	2.22	<0.002	<0.002	0.314	0.446
	12/06/2014	M2	B449500	0.124	0.034	0.53	0.362	130	10.6	0.141	0.008	1.78	1.67	7050	6990	7.39	1.25	<0.002	0.0021	0.49	0.468
	24/07/2014	M2	B464009	0.041	0.025	0.212	0.228	26.3	5.7	0.026	0.01	3.8	4.25	13,900	12,900	2.79	1.35	<0.002	<0.002	0.748	0.768
	22/08/2014	M2	B474408	0.025	0.022	0.275	0.235	19.2	5.4	0.052	0.009	4.96	4.67	16,000	15,400	1.97	1.06	<0.002	0.0036	0.817	0.791
	29/08/2014	M2	B476541	0.035	0.017	0.249	0.203	28.8	7.9	0.027	<0.005	4.86	4.71	15,100	15,000	1.97	1.05	0.0021	0.0045	0.793	0.766
	05/09/2014	M2	B479164	0.029	0.017	0.251	0.386	22.8	4.7	0.031	0.011	3.95	4.21	13,400	13,700	1.91	0.92	<0.002	<0.002	0.697	0.82
	12/09/2014	M2	B481292	0.022	0.016	0.271	0.172	15.6	3.6	0.019	<0.005	4.32	4.36	15,600	16,300	1.28	0.911	0.0026	0.0033	0.713	0.697
	19/09/2014	M2	B483962	0.021	0.017	0.196	0.223	13.4	4.8	0.016	0.04	4.29	4.3	15,100	15,200	1.44	0.832	0.0043	0.0064	0.744	0.788
	30/10/2014	M2	B499587	0.016	0.012	0.192	0.193	9.6	5.3	0.008	<0.005	4.4	4.47	16,400	15,400	1.16	0.736	<0.002	<0.002	0.749	0.736
	28/11/2014	M2	B4A9093	0.539	0.397	1.92	1.39	1000	451	0.696	0.544	4.24	4.19	13,200	13,200	22.3	21.7	<0.002	<0.002	0.773	0.592
	18/12/2014	M2	B4B5326	0.0219	0.012	0.265	0.297	23	4.7	0.0209	<0.005	3.67	3.63	12,500	13,100	1.2	0.571	<0.002	<0.002	0.658	0.731
	23/01/2015	M2	B505986	0.024	0.011	0.235	0.168	29.6	2.4	0.033	<0.005	4.74	4.88	17,300	17,000	1.74	0.459	<0.002	<0.002	0.823	0.822
	27/02/2015	M2	B516449	0.025	0.021	0.433	1.22	24.2	6	0.016	0.007	4.18	3.74	13,800	13,900	1.11	0.666	<0.002	<0.002	0.651	0.668
	26/03/2015	M2	B525184	0.0754	0.0261	0.444	0.358	92.5	5.8	0.0948	<0.005	3.81	3.62	13,100	12,900	3.68	0.779	<0.002	<0.002	0.628	0.682
	23/04/2015	M2	B533584	0.147	0.0404	0.64	0.304	189	10.3	0.178	0.0055	2.42	2.19	9080	9080	7.1	0.828	<0.002	<0.002	0.532	0.561
	15/05/2015	M2	B540628	0.061	0.0342	0.348	0.27	65.3	7.8	0.0513	0.0091	2.44	2.66	10,200	10,600	2.46	0.757	<0.002	<0.002	0.607	0.599
	21/05/2015	M2	B542667	0.169	0.031	0.583	0.296	267	9.6	0.194	0.006	2.39	2.35	8450	8070	7.83	1.02	<0.002	<0.002	0.513	0.506
	28/05/2015	M2	B545872	0.275	0.032	0.925	0.285	251	13.2	0.45	0.007	1.88	1.73	7060	6730	20	1.21	<0.002	<0.002	0.446	0.469
	04/06/2015	M2	B547761	0.484	0.0327	1.74	0.315	970	11.1	0.74	0.0209	1.91	2.17	8090	7970	27.5	1.2	<0.002	<0.002	0.594	0.563
	11/06/2015	M2	B549906	0.141	0.0264	0.445	0.24	338	6.4	0.215	<0.005	2.02	1.9	8810	8870	8.46	1.1	<0.002	<0.002	0.554	0.542
	23/07/2015	M2	B563471	0.0225	0.0141	0.226	0.121	23.1	4.5	0.0193	<0.005	4.18	4.67	15,100	15,000	1.32	0.812	<0.002	<0.002	0.799	0.754
	20/08/2015	M2	B572515	0.03	0.014	0.214	0.182	15	2.9	0.009	<0.005	6.18	5.67	18,100	18,200	1.38	0.69	<0.002	<0.002	0.798	0.776
	27/08/2015	M2	B575103	0.019	0.015	6.38	0.97	13.4	3.6	0.016	<0.005	5.07	5.58	18,200	18,200	1.31	0.679	<0.002	<0.002	0.825	0.812
	03/09/2015	M2	B577658	0.113	0.014	0.499	0.206	174	2.2	0.171	<0.005	5.49	5.34	17,800	17,200	4.13	0.497	<0.002	<0.002	0.805	0.766
	10/09/2015	M2	B579637	0.035	0.015	0.185	0.183	31	2.7	0.038	<0.005	4.46	5.22	15,800	15,700	3.2	1.32	<0.002	<0.002	0.804	0.789
	17/09/2015	M2	B582068	0.017	0.012	0.172	0.205	11.9	2.8	0.008	<0.005	5.44	6.45	16,900	17,100	1.16	0.696	<0.002	<0.002	0.775	0.781
	13/05/2016	M2	B637198	0.311	0.236	0.57	0.298	106	8.9	0.095	<0.005	2.83	3.06	8880	8790	5.48	1.5	<0.002	<0.002	0.567	0.567
	09/11/2018	M2	L2195291	<0.1	<0.1	<0.5	0.2	17	<10	<0.05	<0.05	5.4	5.4	16,000	16,800	1.17	0.64	<0.005	<0.005	0.811	0.769
	04/03/2019	M2	L2240838	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	6.2	6	23,400	21,000	0.76	0.28	<0.005	<0.005	0.786	0.721
	18/06/2019	M2	L2295044	<0.1	<0.1	<0.5	0.42	25	<10	<0.05	0.488	3.2	3.1	10,300	10,200	1.79	0.82	<0.005	<0.005	0.594	0.622

Location Code	Sample Date	Sample ID	Lab Report Number	Nickel	Nickel (Filtered)	Potassium	Potassium (Filtered)	Rubidium	Rubidium (Filtered)	Selenium	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.02	0.02	10	10	0.2	0.2	0.04	0.04	50	50	0.005	0.005	10	10	0.05	0.05	0.2	0.2
BC WQG Approved Short Term Maximum (Acute) - Freshwater										2				Variable							
BC WQG Working - Fresh Water Aquatic Life				Variable[#4]		373000[#18]	373000[#18]														
CWQG Aquatic Life Freshwater - Long Term				Variable[#27]						1				0.25	0.25						
CWQG Aquatic Life Freshwater - Short Term																					
M1	14/05/2012	M1	B240844	1.97	1.1	525	522	-	-	1.14	1.14	2250	2010	0.029	<0.005	1570	1560	77.2	77.7	-	-
	14/05/2012	M1-DUP	B240844	2.21	1.11	536	507	-	-	1.33	1.2	2260	1980	0.036	<0.005	1590	1580	77.4	77.1	-	-
	19/06/2012	M1	B252527	1.68	1.17	402	350	-	-	0.823	0.848	1920	1700	0.0099	<0.005	1040	1050	57	56.5	-	-
	25/07/2012	M1	B265706	1.77	1.59	670	610	-	-	1.63	1.6	1420	1460	<0.005	<0.005	2430	2490	119	118	-	-
	25/08/2012	M1	B276408	1.07	0.99	815	813	-	-	1.71	2.07	1970	1880	<0.005	<0.005	3640	3700	155	153	-	-
	18/09/2012	M1	B283851	0.828	0.976	792	760	-	-	1.44	1.9	1890	1990	<0.005	<0.005	3870	4060	153	168	-	-
	18/09/2012	M1-DUP	B283851	1.14	0.811	786	760	-	-	2.17	1.64	2360	1750	<0.005	<0.005	4320	3810	182	171	-	-
	24/10/2012	M1	B297129	0.63	0.766	667	691	-	-	1.74	1.7	1750	1750	<0.005	<0.005	3280	3390	144	144	-	-
	23/11/2012	M1	B2A7294	1.28	1.34	654	672	-	-	1.68	1.81	2080	2110	<0.005	<0.005	3240	3370	126	126	-	-
	15/12/2012	M1	B2B4014	0.96	0.952	675	663	-	-	1.74	1.89	2050	2060	<0.005	<0.005	3850	3710	136	141	-	-
	25/01/2013	M1	B306701	0.57	0.684	647	684	-	-	2.34	2.32	2470	2550	<0.005	<0.005	3650	4220	154	145	-	-
	21/02/2013	M1	B314188	0.527	0.564	657	637	-	-	1.8	1.76	2240	2220	<0.005	<0.005	4140	4060	164	161	-	-
	20/03/2013	M1	B322778	0.627	0.571	644	596	-	-	1.39	1.34	2560	2520	<0.005	<0.005	3450	3380	115	119	-	-
	17/04/2013	M1	B330896	0.655	0.557	577	542	-	-	0.932	0.754	2970	2950	0.005	<0.005	2520	2320	79.9	71.3	-	-
	24/05/2013	M1	B341818	1.48	0.842	454	409	-	-	0.673	0.793	2640	2500	0.009	<0.005	1180	1230	56.3	52.2	-	-
	21/06/2013	M1	B352218	17.7	0.732	1070	782	-	-	1.03	0.92	4250	2130	0.046	<0.005	1190	1090	138	64.2	-	-
	21/06/2013	M1-DUP	B352218	22	0.716	1200	760	-	-	0.895	1.08	5440	2150	0.048	<0.005	1200	1070	139	62.5	-	-
	17/07/2013	M1	B361290	0.886	0.647	683	715	-	-	1.61	1.68	2260	1870	<0.005	<0.005	2410	2610	117	128	-	-
	26/08/2013	M1	B376191	0.656	0.597	859	881	-	-	1.82	1.75	2250	2150	<0.005	<0.005	3630	3700	162	159	-	-
	25/09/2013	M1	B387669	0.792	0.637	812	769	-	-	1.69	1.83	2090	2190	<0.005	<0.005	3030	2880	143	126	-	-
	24/10/2013	M1	B399472	0.512	0.54	683	741	-	-	2.17	2.21	1890	1810	<0.005	<0.005	3120	3360	145	153	-	-
	24/10/2013	M1-DUP	B399472	0.529	0.486	701	722	-	-	2.28	2.17	1920	1820	<0.005	<0.005	3110	3360	138	154	-	-
	20/11/2013	M1	B3A8665	0.265	0.227	616	630	-	-	1.31	1.02	2480	2660	<0.005	<0.005	2960	2690	113	123	-	-
	22/12/2013	M1	B3B7782	0.223	0.256	652	597	-	-	2.06	2.15	2000	2130	<0.005	<0.005	3610	3500	158	151	-	-
	27/01/2014	M1	B406874	0.279	0.291	685	673	-	-	1.93	1.96	2160	2140	<0.005	<0.005	3340	3490	160	162	-	-
	27/02/2014	M1	B416171	0.343	0.254	638	642	-	-	2.04	2.1	2230	2160	<0.005	<0.005	3730	3810	166	170	-	-
	27/03/2014	M1	B424928	0.367	0.381	663	649	-	-	1.95	1.98	2210	2200	<0.005	0.005	3890	3990	157	161	-	-
	24/04/2014	M1	B432952	0.992	0.68	704	686	-	-	1.81	2.09	2740	2750	0.007	<0.005	3350	3410	138	140	-	-
	24/04/2014	M1-DUP	B432952	1.07	0.653	730	706	-	-	1.87	1.74	2650	2550	0.009	<0.005	3330	3280	140	134	-	-
	15/05/2014	M1	B439804	2.25	0.896	571	529	-	-	1.25	1.32	2300	2230	0.016	<0.005	1790	1750	89.9	93.2	-	-
	23/05/2014	M1	B442060	8.04	1.07	691	455	-	-	0.816	0.817	3240	1900	0.102	<0.005	1010	1170	81.8	55.1	-	-
	29/05/2014	M1	B444272	2.02	0.941	479	421	-	-	0.922	0.85	2650	1920	<0.005	<0.005	990	996	62.5	56.7	-	-
	05/06/2014	M1	B446972	1.93	0.877	424	377	-	-	0.803	0.837	2280	2100	0.018	<0.005	944	933	57.3	52.7	-	-
	12/06/2014	M1	B449500	1.41	0.942	469	419	-	-	0.924	0.89	2340	1950	0.005	<0.005	1020	1020	61.6	58.1	-	-
	24/07/2014	M1	B464009	0.906	0.926	716	700	-	-	1.43	1.38	2030	2170	<0.005	<0.005	2430	2370	127	125	-	-
	22/08/2014	M1	B474408	0.702	0.677	734	783	-	-	1.68	1.47	2260	2360	<0.005	<0.005	3020	3200	149	153	-	-
	29/08/2014	M1	B476541	0.661	0.595	742	701	-	-	1.47	1.49	2360	2430	<0.005	<0.005	2950	2780	155	143	-	-
	05/09/2014	M1	B479164	0.66	0.603	674	732	-	-	1.55	1.62	2260	2530	<0.005	<0.005	2420	2780	137	139	-	-
	11/09/2014	M1-DUP	B481292	0.568	0.582	768	743	-	-	1.65	1.56	2610	2200	<0.005	<0.005	3080	3170	143	146	-	-
	12/09/2014	M1	B481292	0.626	0.577	819	756	-	-	1.64	1.72	2730	2420	<0.005	<0.005	3320	3180	143	143	-	-
	19/09/2014	M1	B483962	0.604	0.579	710	702	-	-	1.66	1.72	2200	2160	<0.005	<0.005	2900	2870	143	145	-	-
	30/10/2014	M1	B499587	0.365	0.339	689	723	-	-	1.45	1.25	2030	2060	<0.005	<0.005	2880	2800	132	141	-	-
	28/11/2014	M1	B4A9093	2.19	0.705	920	654	-	-	1.56	1.67	2840	1990	0.0308	<0.005	2480	2510	115	118	-	-
	18/12/2014	M1	B4B5326	0.522	0.438	538	590	-	-	1.27	1.46	2020	2170	<0.005	<0.005	2400	2690	116	123	-	-
	23/01/2015	M1	B505986	0.328	0.288	636	597	-	-	1.75	1.62	2190	2030	<0.005	<0.005	3480	3330	153	151	-	-
	27/02/2015	M1	B516449	0.439	0.4	574	525	-	-	3.29	3.06	2140	2080	<0.005	<0.005	2850	2870	134	126	-	-
	26/03/2015	M1	B525184	1.06	0.691	655	623	-	-	1.29	1.26	2600	2290	<0.005	<0.005	2490	2670	113	116	-	-
	23/04/2015	M1	B533584	1.05	0.701	550	490	-	-	0.774	1.11	1940	1720	0.008	<0.005	1520	1510	82.3	83.7	-	-
	15/05/2015	M1	B540628	1.02	0.882	466	490	-	-	1.05	1.13	1640	1980	<0.005	<0.005	1490	1510	81.1	86.6	-	-
	21/05/2015	M1	B542667	1.4	0.748	498	435	-	-	0.74	0.825	1780	1760	0.008	<0.005	1160	1110	71.2	67.6	-	-
	28/05/2015	M1	B545872	1.77	0.79	421	359	-	-	0.686	0.582	2060	1780	0.006	<0.005	818	844	59.7	56.1	-	-
	04/06/2015	M1	B547761	2.56	0.886	620	418	-	-	0.793	0.881	2780	1990	0.0171	<0.005	980	1160	69.3	63.8	-	-
	11/06/2015	M1	B549906	1.28	1.55	491	435	-	-	0.889	0.848	1950	1920	0.0067	<0.005	1200	1140	76.7	71.5	-	-
	23/07/2015	M1	B563471	0.421	0.393	786	751	-	-	1.31	1.28	2090	2060	<0.005	<0.005	2720	2680	142	138	-	-
	20/08/2015	M1	B572515	0.328	0.304	861	871	-	-	1.34	1.33	2500	2740	<0.005	<0.005	3200	3230	165	172	-	-
	27/08/2015	M1	B575103	0.351	0.322	812	814	-	-	1.41	1.57	2380	2520	<0.005	<0.005	3190	3120	163	166	-	-
	03/09/2015	M1	B577658	2.73	0.303	1210	759	-	-	1.3	1.44	3400	2000	0.099	<0.005	2900	3230	157	154	-	-
	10/09/2015	M1	B579637	0.503	0.427	716	714	-	-	1.77	1.48	2230	2270	<0.005	<0.005	2700	2730	159	158	-	-
	17/09/2015	M1	B582068	0.308	0.284	788	765	-	-	1.79	1.53	2440	2360	<0.005	<0.005	2970	3100	160	163	-	-
	13/05/2016	M1	B637198	2.42	2.07	480	493	-	-	1.08	1.11	2030	2040	<0.005	<0.005	1830	1840	89.2	93.6	-	-
	09/11/2018	M1	L2195291	1.5	1.33	669	647	0.27	0.27	1.64	1.59	2040	1890	<0.01	<0.01	3750	3820	160	163	<0.2	<0.2
	09/11/2018	M1-DUP	L2195291	1.51	1.34	664	666	0.33	0.29	1.69	1.61	2000	1920	<0.01	<0.01	3820	4050	161	160	<0.2	<0.2
	04/03/2019	M1	L2240838	<0.5	<0.5	660	678	0.26	0.23	2.24	2.14	2190	2070	<0.01	<0.01	4180	4190	188	180	<0.2	<0.2
	18/06/2019	M1	L2295044	1.41	1.27	487	520	0.32	0.28	1.07	1.05	1820	1660	<0.01	<0.01	1560	1750	88.6	92.9	<0.2	<0.2
M2	14/05/2012	M2	B240844	1.97	0.945	517	471	-	-	1.15	1.2	2270	2030	0.028	<0.005	1550	1550	77	77.5	-	-
	19/06/2012	M2	B252527	1.34	0.888	382	332	-	-	0.752	0.78	1980	1700	0.0077	<0.005	948	941	58.1	55.7	-	-
	25/07/2012	M2	B265706	1.09	0.968	600	543	-	-	3.91	3.82	1570	1720	<0.005	<0.005	2040	2080	107	112	-	-
	25/08/2012	M2	B276408	0.533	0.576	678	657	-	-	6.26	5.77	2250	2100	<0.005	<0.005	2670	2720	137	131	-	-
	18/09/2012	M2	B283851	0.43	0.505	683	749	-	-	5.4	6.69	2040	2280	<0.005	<0.005	2670	3220	128	140	-	-
	24/10/2012	M2	B297129	0.438	0.466	616	634	-	-	4.92	5.5	1930	2020	<0.005	<0.005	2650	2720	127	137	-	-
	23/11/2012	M2	B2A7294	1.28	0.921	693	620	-	-	4.13	4.22	2240	2210	<0.005	<0.005	3040	2800	128	126	-	-
	15/12/2012	M2	B2B4014	0.697	0.754	638	636	-	-	5.4	5.32	2240	2190	<0.005	<0.005	3230	3140	136	139	-	-
	24/01/2013	M2	B306701	0.411	0.336	640	628	-	-	7.65	8.17	2240	2670	<0.005	<0.005	2870	3110	143	142	-	-
	21/02/2013	M2	B314188	0.367	0.303	651	634	-	-	10.6	10.4	2290	2220	<0.005	<0.005	3170	3130	158	156	-	-
	20/03/2013	M2	B322778	0.442	0.448	652	643	-	-	5.29	5.33	2160	2030	<0.005	<0.005	3340	3430	132	139	-	-
	17/04/2013	M2	B330896	0.668	0.554	668	699	-	-	5.79	5.11	2190	2120	<0.005	<0.005	3150	3060	138	136	-	-
	17/04/2013	M2-DUP	B330896	0.618	0.653	653	642	-	-	5.84	5.79	2130	2070	<0.005	<0.005	3090	3200	139	133	-	-
	24/05/2013	M2	B341818	1.43	0.898	457	451	-	-	0.896	0.96	2240	2130	0.009	<0.005	1400	1490	68.6	66.1	-	-
	21/06/2013	M2	B352218	17.4	0.683	1080	812	-	-	1.11	1.01	5010	2060	0.051	<0.005	1350	1360	140	67.2	-	-
	17/07/2013	M2	B361290	0.484	0.424	586	622	-	-	2.03	1.65	2220	1890	<0.005	<0.005	2150	2190	115	115	-	-
	26/08/2013	M2	B376191	0.442	0.459	692	692	-	-	2.27	2.7	2340	2760	<0.005	<0.005	2950	2900	138	145	-	-
	25/09/2013	M2	B387669	0.64	0.518	712	688	-	-	1.88	2.06	2350	2230	<0.005	<0.005	2920	2740	138	120	-	-
	24/10/2013	M2	B399472	0.359	0.357	603	669	-	-	2.62	2.39	1960	1910	<0.005	<0.005	2750	2780	133	140	-	-
	20/11/2013	M2	B3A8665	0.301	0.322	643	694	-	-	4.06	3.68	1940	1960	<0.005	<0.005	3220	3050	139	158	-	-
	22/12/2013	M2	B3B7782	0.277	0.205	591	537	-	-	3.8	3.8	2170	2270	<0.005	<0.005	2820	2720	150	135	-	-
	27/01/2014	M2	B406874	0.279	0.266	641	627	-	-	4.51	4.35	2260	2160	<0.005	<0.005	2870	2880	152	153	-	-
	27/02/2014	M2	B416171	0.24	0.223	632	612	-	-	7.18	7.12	2260	2290	<0.005	<0.005	3060	3040	151	153	-	-
	27/03/2014	M2	B424928	0.276	0.205	641	626	-	-	4.22	4.24	2230	2290	<0.005	<0.005	3570	3450	148	151	-	-
	24/04/2014	M2	B432952	0.913	0.599	710	675	-	-	1.79	1.82	2650	2500	<0.005	<0.005	3250	3290	141	141	-	-
	15/05/2014	M2	B439804	2.11	0.839	633	528	-	-	1.23	1.31	2400	2100	0.02	<0.005	1920	1840	101	95.8	-	-
	23/05/2014	M2	B442060	6.73	0.802	663	475	-	-	0.858	0.875	2900	1730	0.108	<0.005	1410	1030	85	61.4	-	-
	29/05/2014	M2	B444272	1.84	0.845	465	452	-	-	0.908	0.924	2260	2100	<0.005	<0.005	1050	1010	65.8	61.7	-	-
	05/06/2014	M2	B446972	2.2	0.908	434	377	-	-	0.774	0.816	2270	2060	0.018	<0.005	883	928	62.2	55.1	-	-
	12/06/2014	M2	B449500	1.15	0.861	444	411	-	-	0.92	0.889	2090	1830	0.005	<0.005	1030	958	65.2	63.2	-	-
	24/07/2014	M2	B464009	0.678	0.721	637	596	-	-	2.26	2.22	2060	2280	<0.005	<0.005	2140	2030	124	122	-	-
	22/08/2014	M2	B474408	0.595	0.501	694	690	-	-	2.64	2.43	2320	2510	<0.005	<0.005	2720	2600	136	146	-	-
	29/08/2014	M2	B476541	0.494	0.417	662	632	-	-	2.4	2.52	2220	2290	<0.005	<0.005	2560	2430	137	138	-	-
	05/09/2014	M2	B479164	0.488	0.488	569	569	-	-	2.1	1.96	2310	2160	<0.005	<0.005	2040	2120	132	134	-	-
	12/09/2014	M2	B481292	0.39	0.363	606	629	-	-	2.4	2.27	2770	2340	<0.005	<0.005	2410	2490	131	135	-	-
	19/09/2014	M2	B483962	0.436	0.42	608	595	-	-	2.39	2.43	2190	2130	<0.005	<0.005	2350	2340	133	132	-	-
	30/10/2014	M2	B499587	0.39	0.292	610	625	-	-	2.66	2.67	2010	2400	<0.005	<0.005	2610	2360	127	133	-	-
	28/11/2014	M2	B4A9093	2.61	1.94	1000	767	-	-	1.33	1.39	2910	2440	0.032	0.0199	2690	2690	116	118	-	-
	18/12/2014	M2	B4B5326	0.557	0.358	511	551	-	-	2.07	2.2	2100	2290	<0.005	<0.005	2250	2490	116	124	-	-
	23/01/2015	M2	B505986	0.289	0.2	600	565	-	-	3.78	3.55	2250	2120	<0.005	<0.005	2920	2770	139	139	-	-
	27/02/2015	M2	B516449	0.531	0.493	576	549	-	-	1.57	1.42	2240	2180	<0.005	<0.005	3120	3080	129	123	-	-
	26/03/2015	M2	B525184	0.721	0.57	638	597	-	-	1.63	1.72	2380	2260	<0.005	<0.005	2630	2620	120	125	-	-
	23/04/2015	M2	B533584	1.01	0.622	530	476	-	-	0.754	1.15	1870	1710	0.0071	<0.005	1480	1510	80.4	86.8	-	-
	15/05/2015	M2	B540628	0.964	0.785	480	500	-	-	1.18	1.26	1620	1910	<0.005	<0.005	1560	1570	90.1	98.5	-	-
	21/05/2015	M2	B542667	1.23	0.711	498	403	-	-	0.796	0.837	1730	1700	0.008	<0.005	1180	1130	74	67.9	-	-
	28/05/2015	M2	B545872	1.4	0.775	372	395	-	-	0.618	0.612	1950	1760	<0.005	<0.005	874	896	62.6	62.3	-	-
	04/06/2015	M2	B547761	2.66	0.761	680	418	-	-	0.787	0.693	3060	1870	0.0164	<0.005	1010	1130	73.9	71.7	-	-
	11/06/2015	M2	B549906	1.25	0.863	483	451	-	-	0.858	0.777	2120	1730	0.0091	<0.005	1240	1210	84.4	81.5	-	-
	23/07/2015	M2	B563471	0.285	0.254	636	603	-	-	2.84	2.92	2150	2110	<0.005	<0.005	2140	2190	132	127	-	-
	20/08/2015	M2	B572515	0.628	0.22	701	707	-	-	4.7	4.6	2450	2670	<0.005	<0.005	2590	2500	144	150	-	-
	27/08/2015	M2	B575103	0.437	0.752	685	671	-	-	4.68	5.04	2290	2490	<0.005	<0.005	2560	2480	141	147	-	-
	03/09/2015	M2	B577658	0.607	0.231	686	657	-	-	3.99	4.79	2350	1990	0.005	<0.005	2580	2570	145	139	-	-
	10/09/2015	M2	B579637	0.377	0.313	635	640	-	-	2.93	2.77	2190	2300	<0.005	<0.005	2500	2530	145	146	-	-
	17/09/2015	M2	B582068	0.214	0.2	663	663	-	-	4.29	3.88	2410	2340	<0.005	<0.005	2390	2530	142	149	-	-
	13/05/2016	M2	B637198	2.71	2.44	500	477	-	-	1.24	1.14	2350	2020	<0.005	<0.005	1830	1830	83.6	85.7	-	-
	09/11/2018	M2	L2195291	1.19	1	592	591	0.28	0.27	1.88	1.87	2000	1930	<0.01	<0.01	3220	3340	149	152	<0.2	<0.2
	04/03/2019	M2	L2240838	<0.5	<0.5	660	604	0.26	0.27	8.84	8.61	2420	2170	<0.01	<0.01	3370	2990	169	153	<0.2	<0.2
	18/06/2019	M2	L2295044	1.16	1.12	452	484	0.28	0.28	1.12	1.15	1800	1640	<0.01	<0.01	1540	1730	91.8	93.5	<0.2	<0.2

Location Code	Sample Date	Sample ID	Lab Report Number	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1	0.1	0.06	0.06
BC WQG Approved Short Term Maximum (Acute) - Freshwater																		Variable[#4]			
BC WQG Working - Fresh Water Aquatic Life				0.8[#19]	0.8[#19]					2000[#20]	2000[#20]			8.5	8.5						
CWQG Aquatic Life Freshwater - Long Term				0.8	0.8									15	15				Variable		
CWQG Aquatic Life Freshwater - Short Term														33	33				Variable		
M1	14/05/2012	M1	B240844	0.025	0.009	-	-	<0.2	<0.2	3.94	<0.5	-	-	0.345	0.266	0.82	0.35	4.5	0.97	0.18	0.12
	14/05/2012	M1-DUP	B240844	0.022	0.007	-	-	<0.2	<0.2	4.66	<0.5	-	-	0.349	0.272	0.84	0.3	5.48	0.49	0.18	0.12
	19/06/2012	M1	B252527	0.0135	0.0063	-	-	<0.2	<0.2	4.23	<0.5	-	-	0.259	0.22	0.77	0.21	2.71	1.45	0.29	<0.1
	25/07/2012	M1	B265706	0.012	0.01	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.541	0.5	0.34	0.28	1.29	0.47	<0.1	<0.1
	25/08/2012	M1	B276408	0.009	0.008	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.621	0.684	<0.2	0.31	0.44	0.2	<0.1	<0.1
	18/09/2012	M1	B283851	0.005	0.008	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.654	0.757	<0.2	<0.2	0.46	0.5	<0.1	<0.1
	18/09/2012	M1-DUP	B283851	0.006	0.007	-	-	<0.2	<0.2	0.64	<0.5	-	-	0.778	0.697	0.24	<0.2	0.87	1.42	<0.1	<0.1
	24/10/2012	M1	B297129	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.65	0.654	<0.2	<0.2	0.43	0.89	<0.1	<0.1
	23/11/2012	M1	B2A7294	0.007	0.007	-	-	0.23	0.35	<0.5	0.87	-	-	0.663	0.654	<0.2	<0.2	0.97	2.88	<0.1	<0.1
	15/12/2012	M1	B2B4014	0.005	0.004	-	-	<0.2	<0.2	0.64	<0.5	-	-	0.633	0.645	<0.2	<0.2	0.73	0.47	<0.1	<0.1
	25/01/2013	M1	B306701	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.678	0.68	0.26	<0.2	0.8	0.59	<0.1	<0.1
	21/02/2013	M1	B314188	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.688	0.675	<0.2	<0.2	0.58	0.44	<0.1	<0.1
	20/03/2013	M1	B322778	0.006	0.003	-	-	<0.2	<0.2	2.02	<0.5	-	-	0.509	0.492	0.45	0.26	0.72	0.76	0.13	<0.1
	17/04/2013	M1	B330896	0.005	0.002	-	-	<0.2	<0.2	4.26	0.69	-	-	0.305	0.242	0.67	0.22	1.82	1.13	0.29	0.25
	24/05/2013	M1	B341818	0.011	0.004	-	-	0.23	<0.2	2.74	<0.5	-	-	0.22	0.178	0.42	0.44	2.45	0.36	0.3	0.22
	21/06/2013	M1	B352218	0.071	0.006	-	-	<0.2	<0.2	4.28	2.71	-	-	1.67	0.343	13.4	0.63	64.2	1.03	0.97	0.32
	21/06/2013	M1-DUP	B352218	0.11	0.004	-	-	<0.2	<0.2	3.63	1.81	-	-	1.77	0.319	16.6	0.52	76.6	0.68	0.87	0.27
	17/07/2013	M1	B361290	0.006	0.004	-	-	<0.2	<0.2	0.62	<0.5	-	-	0.528	0.551	0.73	<0.2	0.53	1.07	<0.1	<0.1
	26/08/2013	M1	B376191	0.007	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.703	0.737	<0.2	0.35	1.37	1.49	<0.1	<0.1
	25/09/2013	M1	B387669	0.006	0.006	-	-	<0.2	<0.2	1.66	<0.5	-	-	0.575	0.601	0.57	<0.2	1.17	0.49	0.19	<0.1
	24/10/2013	M1	B399472	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.673	0.689	0.2	0.21	0.7	0.44	<0.1	<0.1
	24/10/2013	M1-DUP	B399472	0.004	0.004	-	-	<0.2	<0.2	0.9	<0.5	-	-	0.656	0.704	0.23	<0.2	0.62	0.51	<0.1	<0.1
	20/11/2013	M1	B3A8665	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.409	0.348	0.26	0.24	1.6	1.14	<0.1	<0.1
	22/12/2013	M1	B3B7782	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.746	0.694	<0.2	<0.2	0.69	0.28	<0.1	<0.1
	27/01/2014	M1	B406874	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.673	0.672	<0.2	<0.2	0.66	0.77	<0.1	<0.1
	27/02/2014	M1	B416171	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.717	0.724	<0.2	<0.2	0.46	0.53	<0.1	<0.1
	27/03/2014	M1	B424928	0.003	0.002	-	-	<0.2	<0.2	0.52	<0.5	-	-	0.727	0.716	0.21	<0.2	0.61	0.4	<0.1	<0.1
	24/04/2014	M1	B432952	0.008	0.003	-	-	<0.2	<0.2	5.8	<0.5	-	-	0.629	0.613	0.72	<0.2	1.92	0.36	0.17	0.11
	24/04/2014	M1-DUP	B432952	0.011	0.004	-	-	<0.2	<0.2	5.66	<0.5	-	-	0.651	0.635	0.93	0.22	1.9	0.49	0.28	<0.1
	15/05/2014	M1	B439804	0.017	0.005	-	-	<0.2	<0.2	1.85	<0.5	-	-	0.44	0.365	1.2	0.26	6	0.48	0.12	0.13
	23/05/2014	M1	B442060	0.071	0.007	-	-	<0.2	<0.2	6.02	<0.5	-	-	0.723	0.214	5.66	0.47	28.3	0.17	0.49	0.15
	29/05/2014	M1	B444272	0.015	0.005	-	-	<0.2	<0.2	1.85	<0.5	-	-	0.282	0.215	1.18	0.42	5.11	0.27	0.22	0.11
	05/06/2014	M1	B446972	0.014	0.003	-	-	<0.2	<0.2	1.86	<0.5	-	-	0.271	0.197	1.07	0.34	4.49	1.06	0.16	<0.1
	12/06/2014	M1	B449500	0.008	0.003	-	-	<0.2	<0.2	2.28	<0.5	-	-	0.254	0.239	0.85	0.28	3.66	1.87	<0.1	<0.1
	24/07/2014	M1	B464009	0.008	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.56	0.53	<0.2	0.3	1.24	1.41	<0.1	<0.1
	22/08/2014	M1	B474408	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.652	0.668	0.27	0.32	0.58	0.8	<0.1	<0.1
	29/08/2014	M1	B476541	0.008	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.595	0.575	0.35	0.25	0.91	0.42	<0.1	<0.1
	05/09/2014	M1	B479164	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.588	0.599	<0.2	0.22	0.71	0.41	<0.1	<0.1
	11/09/2014	M1-DUP	B481292	0.004	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.616	0.615	0.22	0.23	0.67	0.32	<0.1	<0.1
	12/09/2014	M1	B481292	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.606	0.606	<0.2	0.38	1.82	0.37	<0.1	<0.1
	19/09/2014	M1	B483962	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.658	0.647	0.26	0.26	0.6	0.36	<0.1	<0.1
	30/10/2014	M1	B499587	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.561	0.645	0.21	0.26	0.38	0.39	<0.1	<0.1
	28/11/2014	M1	B4A9093	0.0331	0.0043	-	-	<0.2	1.1	6	<0.5	-	-	0.665	0.61	2.9	<0.2	6.4	0.4	0.18	<0.1
	18/12/2014	M1	B4B5326	0.0038	0.003	-	-	<0.2	<0.2	0.64	<0.5	-	-	0.523	0.544	0.28	0.21	0.56	0.34	<0.1	<0.1
	23/01/2015	M1	B505986	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.621	0.621	0.25	<0.2	0.38	0.3	<0.1	<0.1
	27/02/2015	M1	B516449	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.698	0.712	<0.2	<0.2	0.38	0.25	<0.1	<0.1
	26/03/2015	M1	B525184	0.0067	<0.002	-	-	<0.2	<0.2	3.47	<0.5	-	-	0.53	0.515	0.53	<0.2	2.38	0.42	0.23	<0.1
	23/04/2015	M1	B533584	0.0094	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.359	0.357	0.9	<0.2	1.6	0.26	0.12	<0.1
	15/05/2015	M1	B540628	0.0078	0.0051	-	-	<0.2	<0.2	1	<0.5	-	-	0.368	0.368	<0.2	0.41	0.94	0.52	0.13	<0.1
	21/05/2015	M1	B542667	0.015	0.006	-	-	<0.2	<0.2	3.04	<0.5	-	-	0.302	0.266	0.92	0.29	2.84	0.33	0.17	<0.1
	28/05/2015	M1	B545872	0.019	0.006	-	-	<0.2	<0.2	2.27	<0.5	-	-	0.292	0.224	0.77	0.3	3.97	0.34	0.12	0.11
	04/06/2015	M1	B547761	0.0366	0.0041	-	-	<0.2	<0.2	10.5	<0.5	-	-	0.349	0.254	2.55	0.29	7.4	1.19	0.25	0.13
	11/06/2015	M1	B549906	0.0103	0.0051	-	-	<0.2	<0.2	4.48	<0.5	-	-	0.334	0.325	0.65	0.31	1.99	0.43	<0.1	<0.1
	23/07/2015	M1	B563471	0.0063	0.0044	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.641	0.583	0.34	0.33	1.63	0.33	<0.1	<0.1
	20/08/2015	M1	B572515	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.637	0.645	0.23	<0.2	0.36	0.37	<0.1	<0.1
	27/08/2015	M1	B575103	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.679	0.706	0.35	<0.2	0.77	0.4	<0.1	<0.1
	03/09/2015	M1	B577658	0.056	0.004	-	-	<0.2	<0.2	6.7	<0.5	-	-	0.651	0.615	4.35	0.24	10.9	0.73	0.39	<0.1
	10/09/2015	M1	B579637	0.006	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.782	0.792	<0.2	0.31	1.55	0.48	<0.1	<0.1
	17/09/2015	M1	B582068	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.703	0.698	0.22	<0.2	0.4	0.46	<0.1	<0.1
	13/05/2016	M1	B637198	0.007	0.003	-	-	<0.2	<0.2	1.08	<0.5	-	-	0.419	0.39	0.4	<0.2	2.32	0.89	0.11	<0.1
	09/11/2018	M1	L2195291	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.76	0.721	<0.5	<0.5	<3	<1	<0.06	<0.06
	09/11/2018	M1-DUP	L2195291	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.763	0.719	<0.5	<0.5	<3	<1	<0.06	<0.06
	04/03/2019	M1	L2240838	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.833	0.805	<0.5	<0.5	<3	<1	<0.06	<0.06
	18/06/2019	M1	L2295044	0.011	<0.01	<0.1	<0.1	<0.1	<0.1	0.74	<0.3	<0.1	<0.1	0.395	0.423	0.51	<0.5	<3	<1	<0.2	<0.2
M2	14/05/2012	M2	B240844	0.02	0.006	-	-	<0.2	<0.2	3.96	<0.5	-	-	0.351	0.282	0.77	0.27	4.64	0.58	0.23	0.1
	19/06/2012	M2	B252527	0.0131	0.0044	-	-	<0.2	<0.2	1.97	<0.5	-	-	0.268	0.223	0.57	<0.2	2.43	1.05	0.12	<0.1
	25/07/2012	M2	B265706	0.008	0.007	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.607	0.612	0.28	0.24	1.7	0.37	<0.1	<0.1
	25/08/2012	M2	B276408	0.006	0.007	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.837	0.856	<0.2	0.23	0.36	0.43	<0.1	<0.1
	18/09/2012	M2	B283851	0.005	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.865	0.95	<0.2	<0.2	0.44	0.47	<0.1	<0.1
	24/10/2012	M2	B297129	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.793	0.852	<0.2	<0.2	0.4	0.25	<0.1	<0.1
	23/11/2012	M2	B2A7294	0.006	0.005	-	-	0.32	<0.2	<0.5	<0.5	-	-	0.735	0.746	<0.2	<0.2	1.47	0.5	<0.1	<0.1
	15/12/2012	M2	B2B4014	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.834	0.856	<0.2	<0.2	1.74	0.52	<0.1	<0.1
	24/01/2013	M2	B306701	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.943	0.96	0.22	<0.2	0.71	0.32	<0.1	<0.1
	21/02/2013	M2	B314188	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.11	1.08	<0.2	<0.2	0.36	0.33	<0.1	<0.1
	20/03/2013	M2	B322778	0.004	0.003	-	-	<0.2	1.89	<0.5	<0.5	-	-	0.788	0.795	0.22	0.23	0.44	0.38	<0.1	<0.1
	17/04/2013	M2	B330896	0.006	<0.002	-	-	<0.2	<0.2	0.86	<0.5	-	-	0.824	0.741	0.39	<0.2	0.84	0.34	<0.1	<0.1
	17/04/2013	M2-DUP	B330896	0.006	0.006	-	-	<0.2	<0.2	4.7	<0.5	-	-	0.82	0.762	0.36	<0.2	1.04	0.39	<0.1	<0.1
	24/05/2013	M2	B341818	0.014	0.005	-	-	<0.2	<0.2	2.12	<0.5	-	-	0.286	0.258	0.4	0.37	2.7	0.29	0.16	0.12
	21/06/2013	M2	B352218	0.083	0.005	-	-	<0.2	<0.2	4.01	1.77	-	-	1.64	0.357	12.4	0.6	61.1	0.69	0.95	0.25
	17/07/2013	M2	B361290	0.006	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.576	0.57	0.32	<0.2	2.68	0.67	<0.1	<0.1
	26/08/2013	M2	B376191	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.683	0.77	<0.2	<0.2	1.12	0.49	<0.1	<0.1
	25/09/2013	M2	B387669	0.005	0.004	-	-	<0.2	<0.2	2.88	<0.5	-	-	0.67	0.61	0.5	<0.2	0.89	0.48	<0.1	<0.1
	24/10/2013	M2	B399472	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.681	0.734	<0.2	<0.2	0.48	0.27	<0.1	<0.1
	20/11/2013	M2	B3A8665	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.842	0.771	<0.2	<0.2	1.03	0.29	<0.1	<0.1
	22/12/2013	M2	B3B7782	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.8	0.754	<0.2	<0.2	0.34	0.48	<0.1	<0.1
	27/01/2014	M2	B406874	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.8	0.809	<0.2	<0.2	0.52	0.43	<0.1	<0.1
	27/02/2014	M2	B416171	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.972	0.97	<0.2	<0.2	0.36	0.36	<0.1	<0.1
	27/03/2014	M2	B424928	0.003	0.002	-	-	<0.2	<0.2	2.03	<0.5	-	-	0.837	0.821	<0.2	<0.2	0.57	0.3	<0.1	<0.1
	24/04/2014	M2	B432952	0.009	0.004	-	-	<0.2	<0.2	4.52	<0.5	-	-	0.651	0.636	0.77	<0.2	1.67	0.4	0.16	<0.1
	15/05/2014	M2	B439804	0.018	0.005	-	-	<0.2	<0.2	1.72	0.97	-	-	0.462	0.383	1.22	<0.2	5.49	0.89	0.13	<0.1
	23/05/2014	M2	B442060	0.066	0.007	-	-	<0.2	<0.2	4.87	<0.5	-	-	0.667	0.257	4.41	0.45	23.4	0.15	0.31	0.12
	29/05/2014	M2	B444272	0.015	0.005	-	-	<0.2	<0.2	1.46	<0.5	-	-	0.299	0.226	0.97	0.38	4.52	0.27	0.18	<0.1
	05/06/2014	M2	B446972	0.018	0.002	-	-	<0.2	<0.2	1.81	0.62	-	-	0.332	0.223	1.16	0.33	6.22	0.72	0.16	<0.1
	12/06/2014	M2	B449500	0.008	0.003	-	-	<0.2	<0.2	2.26	<0.5	-	-	0.271	0.274	0.62	0.24	1.87	0.73	<0.1	<0.1
	24/07/2014	M2	B464009	0.005	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.62	0.582	<0.2	0.23	0.49	0.87	<0.1	<0.1
	22/08/2014	M2	B474408	0.005	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.69	0.747	<0.2	0.23	1.09	1.65	<0.1	<0.1
	29/08/2014	M2	B476541	0.007	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.65	0.664	0.29	0.23	0.59	0.45	<0.1	<0.1
	05/09/2014	M2	B479164	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.629	0.657	<0.2	<0.2	0.61	0.41	<0.1	<0.1
	12/09/2014	M2	B481292	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.654	0.658	<0.2	<0.2	0.51	0.31	<0.1	<0.1
	19/09/2014	M2	B483962	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.685	0.684	0.2	<0.2	0.47	0.36	<0.1	<0.1
	30/10/2014	M2	B499587	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.647	0.69	<0.2	<0.2	0.36	0.27	<0.1	<0.1
	28/11/2014	M2	B4A9093	0.0415	0.015	-	-	0.33	<0.2	7.5	2.89	-	-	0.645	0.633	3.35	1.19	7.7	4.94	0.18	0.13
	18/12/2014	M2	B4B5326	0.0033	0.003	-	-	<0.2	<0.2	0.82	<0.5	-	-	0.613	0.646	<0.2	<0.2	0.4	0.3	<0.1	<0.1
	23/01/2015	M2	B505986	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.753	0.755	<0.2	<0.2	1	0.25	<0.1	<0.1
	27/02/2015	M2	B516449	0.004	0.003	-	-	<0.2	<0.2	0.54	<0.5	-	-	0.561	0.573	0.24	<0.2	0.53	0.25	<0.1	<0.1
	26/03/2015	M2	B525184	0.0047	<0.002	-	-	<0.2	<0.2	2.55	<0.5	-	-	0.559	0.564	0.33	<0.2	1.03	0.57	0.11	<0.1
	23/04/2015	M2	B533584	0.0096	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.389	0.376	0.9	<0.2	1.9	0.36	<0.1	<0.1
	15/05/2015	M2	B540628	0.007	0.0055	-	-	<0.2	<0.2	1.16	<0.5	-	-	0.436	0.403	<0.2	0.4	0.84	0.59	<0.1	<0.1
	21/05/2015	M2	B542667	0.016	0.005	-	-	<0.2	<0.2	3.17	<0.5	-	-	0.314	0.291	0.88	0.3	2.38	0.4	0.12	<0.1
	28/05/2015	M2	B545872	0.016	0.005	-	-	<0.2	<0.2	1.12	<0.5	-	-	0.288	0.246	0.67	0.26	3.94	0.33	0.11	<0.1
	04/06/2015	M2	B547761	0.0444	0.0051	-	-	<0.2	<0.2	9.9	<0.5	-	-	0.422	0.354	2.98	0.23	7.4	0.45	0.27	<0.1
	11/06/2015	M2	B549906	0.0121	0.0051	-	-	<0.2	<0.2	2.55	<0.5	-	-	0.377	0.342	0.82	0.32	2.07	0.35	<0.1	<0.1
	23/07/2015	M2	B563471	0.0043	0.0038	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.75	0.709	0.3	0.28	0.65	0.72	<0.1	<0.1
	20/08/2015	M2	B572515	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.859	0.852	<0.2	<0.2	2.08	0.3	<0.1	<0.1
	27/08/2015	M2	B575103	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.9	0.886	0.26	<0.2	0.53	0.62	<0.1	<0.1
	03/09/2015	M2	B577658	0.009	0.003	-	-	<0.2	<0.2	1.3	<0.5	-	-	0.857	0.768	0.67	<0.2	1.99	0.61	<0.1	<0.1
	10/09/2015	M2	B579637	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.848	0.809	0.3	0.28	0.85	0.66	<0.1	<0.1
	17/09/2015	M2	B582068	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.845	0.863	<0.2	<0.2	0.32	0.31	<0.1	<0.1
	13/05/2016	M2	B637198	0.007	0.005	-	-	<0.2	<0.2	<5	<0.5	-	-	0.382	0.38	<0.5	<0.2	2.2	1.6	<0.1	0.11
	09/11/2018	M2	L2195291	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.727	0.738	<0.5	<0.5	<3	<1	<0.06	<0.06
	04/03/2019	M2	L2240838	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	1.09	1.05	<0.5	<0.5	<3	<1	<0.06	<0.06
	18/06/2019	M2	L2295044	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.6	<0.3	<0.1	<0.1	0.43	0.454	<0.5	<0.5	<3	<1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Location Code	Sample Date	Sample ID	Lab Report Number	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater								0.05	0.1	0.1								0.2			1		0.02				
BC WQG Working - Fresh Water Aquatic Life																								3.4			
CWQG Aquatic Life Freshwater - Long Term						5.8		4.4	0.012	0.018	0.015							0.04	3		1.1	0.4	0.025	3.4			
CWQG Aquatic Life Freshwater - Short Term																											
M1	14/05/2012	M1	B240844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	14/05/2012	M1-DUP	B240844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	19/06/2012	M1	B252527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/07/2012	M1	B265706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/08/2012	M1	B276408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18/09/2012	M1	B283851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18/09/2012	M1-DUP	B283851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2012	M1	B297129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	23/11/2012	M1	B2A7294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15/12/2012	M1	B2B4014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/01/2013	M1	B306701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21/02/2013	M1	B314188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/03/2013	M1	B322778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/04/2013	M1	B330896	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/05/2013	M1	B341818	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21/06/2013	M1	B352218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21/06/2013	M1-DUP	B352218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/07/2013	M1	B361290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	26/08/2013	M1	B376191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/09/2013	M1	B387669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2013	M1	B399472	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2013	M1-DUP	B399472	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/11/2013	M1	B3A8665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	22/12/2013	M1	B3B7782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	27/01/2014	M1	B406874	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
	27/02/2014	M1	B416171	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
	27/03/2014	M1	B424928	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/04/2014	M1	B432952	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/04/2014	M1-DUP	B432952	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	15/05/2014	M1	B439804	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/05/2014	M1	B442060	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	29/05/2014	M1	B444272	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/06/2014	M1	B446972	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/06/2014	M1	B449500	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/07/2014	M1	B464009	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	22/08/2014	M1	B474408	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	29/08/2014	M1	B476541	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/09/2014	M1	B479164	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	11/09/2014	M1-DUP	B481292	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/09/2014	M1	B481292	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	19/09/2014	M1	B483962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	30/10/2014	M1	B499587	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/11/2014	M1	B4A9093	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	18/12/2014	M1	B4B5326	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/01/2015	M1	B505986	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/02/2015	M1	B516449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	26/03/2015	M1	B525184	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/04/2015	M1	B533584	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	15/05/2015	M1	B540628	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	21/05/2015	M1	B542667	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/05/2015	M1	B545872	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	04/06/2015	M1	B547761	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	11/06/2015	M1	B549906	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/07/2015	M1	B563471	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	20/08/2015	M1	B572515	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/08/2015	M1	B575103	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	03/09/2015	M1	B577658	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	10/09/2015	M1	B579637	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	17/09/2015	M1	B582068	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	13/05/2016	M1	B637198	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	09/11/2018	M1	L2195291	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	09/11/2018	M1-DUP	L2195291	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	04/03/2019	M1	L2240838	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	18/06/2019	M1	L2295044	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
M2	14/05/2012	M2	B240844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	19/06/2012	M2	B252527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/07/2012	M2	B265706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/08/2012	M2	B276408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18/09/2012	M2	B283851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2012	M2	B297129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	23/11/2012	M2	B2A7294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15/12/2012	M2	B2B4014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/01/2013	M2	B306701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21/02/2013	M2	B314188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/03/2013	M2	B322778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/04/2013	M2	B330896	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/04/2013	M2-DUP	B330896	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/05/2013	M2	B341818	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21/06/2013	M2	B352218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17/07/2013	M2	B361290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	26/08/2013	M2	B376191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/09/2013	M2	B387669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/10/2013	M2	B399472	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20/11/2013	M2	B3A8665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	22/12/2013	M2	B3B7782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	27/01/2014	M2	B406874	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
	27/02/2014	M2	B416171	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
	27/03/2014	M2	B424928	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/04/2014	M2	B432952	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	15/05/2014	M2	B439804	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/05/2014	M2	B442060	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	29/05/2014	M2	B444272	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/06/2014	M2	B446972	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/06/2014	M2	B449500	-	<0.1	<0.05	<0.05	<0.05	<0.01	0.012	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	24/07/2014	M2	B464009	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	22/08/2014	M2	B474408	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	29/08/2014	M2	B476541	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	05/09/2014	M2	B479164	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	12/09/2014	M2	B481292	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	19/09/2014	M2	B483962	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	30/10/2014	M2	B499587	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/11/2014	M2	B4A9093	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	18/12/2014	M2	B4B5326	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/01/2015	M2	B505986	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/02/2015	M2	B516449	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	26/03/2015	M2	B525184	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/04/2015	M2	B533584	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	15/05/2015	M2	B540628	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	21/05/2015	M2	B542667	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	28/05/2015	M2	B545872	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	04/06/2015	M2	B547761	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	11/06/2015	M2	B549906	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	23/07/2015	M2	B563471	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	20/08/2015	M2	B572515	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	27/08/2015	M2	B575103	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	03/09/2015	M2	B577658	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	10/09/2015	M2	B579637	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	17/09/2015	M2	B582068	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	13/05/2016	M2	B637198	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
	09/11/2018	M2	L2195291	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	04/03/2019	M2	L2240838	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
	18/06/2019	M2	L2295044	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered) vs. Short-term (acute)	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium	Potassium (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.005	0.005	0.05	0.05	1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10	10
BC WQG Approved Short Term Maximum (Acute) - Freshwater				110			Variable	1000#9	350#9	Variable#4						Variable#4				2000					
BC WQG Working - Fresh Water Aquatic Life												870#17	870#17									Variable#4		373000#18	373000#18
CWQG Aquatic Life Freshwater - Long Term						Variable		300	300	Variable#26								0.026		73		Variable#27			
CWQG Aquatic Life Freshwater - Short Term																									
	16/05/2012	WA1	B240844	0.596	0.032	1.33	0.394	444	20.8	0.991	0.017	3.73	3.71	6970	6900	39.3	1.35	<0.01	<0.01	0.313	0.371	1.48	0.331	496	439
	18/06/2012	WA1	B252527	0.534	0.0308	1.08	0.357	411	18	1.06	0.0598	3.71	3.35	6720	6260	39	1.2	<0.01	<0.01	0.282	0.339	1.29	0.328	429	365
	24/07/2012	WA1	B265706	0.043	0.014	0.264	0.274	52.7	7.2	0.202	0.211	6.17	5.26	9050	8760	2.38	0.389	<0.01	<0.01	0.558	0.538	0.291	0.208	510	444
	25/08/2012	WA1	B276408	0.012	0.006	0.215	0.394	7.8	3.3	0.016	0.011	7.91	8.04	10,500	10,900	0.575	0.289	<0.01	<0.01	0.621	0.64	0.159	0.138	505	518
	17/09/2012	WA1	B283851	0.015	0.007	0.103	0.14	4.2	3.5	0.008	0.007	9.73	8.83	10,900	12,000	0.592	0.285	<0.01	<0.01	0.588	0.598	0.131	0.115	550	553
	24/10/2012	WA1	B297129	0.012	0.007	0.091	0.086	9.5	3.4	0.014	0.01	8.36	8.38	10,800	11,000	0.685	0.501	<0.01	0.01	0.646	0.594	0.133	0.106	489	492
	24/11/2012	WA1	B2A7294	0.011	0.009	0.323	0.258	7	1.7	0.017	0.009	7.99	7.96	10,500	10,100	0.552	0.25	<0.01	<0.01	0.587	0.637	0.263	0.173	519	485
	15/12/2012	WA1	B2B4014	0.009	0.005	0.312	1.04	5.7	1.6	0.017	<0.005	8.16	8.5	11,900	11,600	0.354	0.16	<0.01	<0.01	0.655	0.611	0.113	0.137	511	509
	25/01/2013	WA1	B306701	0.008	0.005	0.065	0.148	6.3	1.9	0.014	0.025	8.9	8.62	11,000	11,600	0.361	0.268	<0.01	<0.01	0.664	0.665	0.245	0.118	516	508
	20/02/2013	WA1	B314188	0.01	0.006	1.08	0.132	6.2	1.3	0.009	0.005	9.11	8.84	11,500	11,600	0.262	0.099	<0.01	<0.01	0.663	0.609	0.195	0.063	493	480
	20/03/2013	WA1	B322778	0.009	0.01	0.121	0.199	4.4	1.6	0.008	<0.005	9.25	9.15	11,100	11,400	0.297	0.153	<0.01	<0.01	0.618	0.61	0.113	0.094	519	527
	17/04/2013	WA1	B330896	0.022	0.01	0.477	0.188	19.4	3.1	0.037	<0.005	9.65	9.39	11,200	11,500	1.19	0.289	<0.01	<0.01	0.636	0.578	0.398	0.151	533	555
	23/05/2013	WA1	B341817	0.343	0.021	0.797	0.288	282	10.9	0.643	0.011	3.63	3.37	7070	6710	23.7	0.367	<0.01	<0.01	0.296	0.366	1.05	0.414	418	377
	20/06/2013	WA1	B351922	20.6	0.083	25.8	0.736	11,800	88.3	28.1	0.133	15.2	2.26	11,600	4160	1580	5.02	<0.05	<0.01	<0.25	0.261	39.1	0.643	1450	592
	17/07/2013	WA1	B361290	0.023	0.014	0.196	0.152	12.1	1.7	0.026	<0.005	6.8	7.25	9210	9590	1.04	0.222	<0.01	<0.01	0.562	0.48	0.167	0.168	472	501
	26/08/2013	WA1	B376191	0.016	0.012	0.224	0.21	13	2.9	0.029	0.008	8.66	9.05	11,300	11,300	0.955	0.441	<0.01	<0.01	0.571	0.66	0.205	0.194	568	579
	25/09/2013	WA1	B387669	0.008	0.012	0.16	0.12	6.3	2.7	0.025	0.008	8.68	8.23	10,800	10,700	0.654	0.388	<0.01	<0.01	0.602	0.57	0.218	0.175	591	590
	24/10/2013	WA1	B399472	0.009	0.02	0.284	0.15	14	1.5	0.019	0.005	7.56	7.76	10,700	10,900	0.507	0.19	<0.002	<0.002	0.582	0.618	0.19	0.199	516	544
	21/11/2013	WA1	B3A8725	0.017	0.011	0.155	0.139	9.9	<1	0.033	<0.005	7.83	8.2	11,300	12,000	0.988	0.11	<0.01	<0.002	0.551	0.662	0.18	0.192	505	532
	28/01/2014	WA1	B407313	0.006	0.006	0.273	0.205	2.7	1.3	0.006	<0.005	8.66	8.25	10,900	10,800	0.224	0.089	<0.002	<0.002	0.631	0.634	0.109	0.1	489	487
	24/04/2014	WA1	B432952	0.012	0.011	0.184	0.168	9.9	2.8	0.011	<0.005	8.72	8.72	10,700	10,500	0.601	0.175	0.0022	<0.002	0.562	0.565	0.211	0.182	505	524
	15/05/2014	WA1	B439804	0.109	0.019	0.528	0.297	172	7.6	0.208	0.008	6.83	6.49	8510	9130	6.45	0.347	<0.002	0.0026	0.468	0.443	0.651	0.391	458	461
	22/05/2014	WA1	B442060	0.631	0.029	1.18	0.565	609	6.2	1.17	0.007	4.85	3.89	7160	6470	44.4	1.26	<0.002	<0.002	0.291	0.42	1.44	0.504	469	396
	30/05/2014	WA1	B444272	0.288	0.016	0.629	0.236	302	8.1	0.554	0.008	4.34	3.95	7300	7510	20.4	0.349	<0.002	<0.002	0.311	0.398	0.796	0.259	457	426
	30/05/2014	WA1-DUP	B444272	0.331	0.019	0.63	-	294	8.4	0.595	0.005	4.36	3.95	7440	7390	20.5	0.309	<0.002	<0.002	0.322	0.359	0.775	0.238	449	397
	05/06/2014	WA1	B446972	0.342	0.019	19.3	0.254	222	11	0.563	0.015	3.84	3.65	6630	6520	18	0.408	0.0027	<0.002	2.29	0.364	0.858	0.261	397	367
	12/06/2014	WA1	B449500	0.129	0.014	0.412	0.228	189	8.7	0.248	0.01	3.92	3.93	7290	7140	9.12	0.336	<0.002	<0.002	0.404	0.398	0.566	0.271	413	402
WA1	24/07/2014	WA1	B464009	0.02	0.017	0.124	0.201	12.6	15.3	0.019	0.013	7.94	7.1	11,500	9800	0.766	0.852	0.0032	0.0034	0.489	0.579	0.193	0.198	589	538
	21/08/2014	WA1	B474408	0.015	0.009	0.184	0.176	11	2.6	0.014	<0.005	8.86	8.1	11,300	10,600	0.695	0.27	<0.002	0.0023	0.593	0.598	0.221	0.215	541	520
	28/08/2014	WA1	B476541	0.014	0.008	0.17	0.184	18.7	4.2	0.01	<0.005	9.07	9.25	10,500	11,400	0.53	0.203	0.0033	0.0024	0.609	0.64	0.193	0.2	497	548
	05/09/2014	WA1	B479164	0.019	0.011	0.302	0.183	11.1	2.5	0.028	0.019	7.94	8.17	10,600	10,300	0.641	0.232	0.0026	0.0056	0.623	0.558	0.231	0.185	524	496
	12/09/2014	WA1	B481292	0.012	0.012	0.17	0.227	3.4	<1	0.022	<0.005	8.35	8.33	11,900	11,400	0.327	0.162	0.0027	0.0027	0.615	0.579	0.147	0.141	532	509
	18/09/2014	WA1	B483962	0.011	0.017	0.168	0.221	4.7	7	0.006	0.024	8.71	8.16	12,000	11,100	0.366	1.12	<0.002	0.0083	0.614	0.592	0.144	0.145	557	527
	31/10/2014	WA1	B499587	0.011	0.009	0.152	0.153	2	1.3	0.009	<0.005	8.91	9.02	12,100	11,700	0.313	0.254	<0.002	<0.002	0.619	0.657	0.142	0.143	556	548
	27/11/2014	WA1	B4A9093	0.0154	0.0092	0.351	1.04	16.3	4.4	0.0322	0.0353	7.61	7.69	10,100	10,300	0.954	0.377	0.0022	<0.002	0.588	0.572	0.207	0.181	556	550
	18/12/2014	WA1	B4B5326	0.0095	0.008	0.144	0.156	5.7	1.7	0.01	<0.005	7.44	7.69	9580	10,400	0.341	0.11	<0.002	<0.002	0.523	0.619	0.187	0.143	449	455
	22/01/2015	WA1	B505986	0.007	0.007	0.154	0.119	3	1.4	0.007	<0.005	9.22	9.12	13,100	12,000	0.145	0.062	0.0057	0.0042	0.66	0.65	0.115	0.131	510	498
	26/02/2015	WA1	B516449	0.007	0.01	0.218	0.216	5.8	1.4	0.005	<0.005	9.29	9.23	11,600	11,400	0.307	0.068	<0.002	<0.002	0.555	0.581	0.108	0.117	473	480
	26/03/2015	WA1	B525184	0.0127	0.0101	0.162	0.151	9.9	2.8	0.009	<0.005	8.27	9.41	10,100	10,400	0.512	0.16	<0.002	<0.002	0.523	0.556	0.142	0.13	487	497
	23/04/2015	WA1	B533584	0.108	0.0156	0.67	0.22	198	8.5	0.162	<0.005	5.39	4.93	7450	7820	5.66	0.362	<0.002	<0.002	0.42	0.438	0.5	0.236	480	423
	14/05/2015	WA1	B540628	0.083	0.0136	1.39	0.165	99.9	3.7	0.158	0.0059	5.42	5.65	9690	8920	4.61	0.226	<0.002	<0.002	0.555	0.58	0.855	0.248	523	470
	21/05/2015	WA1	B542667	0.098	0.013	0.388	0.182	172	9.3	0.144	0.006	5.05	4.6	8470	7700	4.46	0.231	<0.002	<0.002	0.485	0.453	0.405	0.236	475	400
	28/05/2015	WA1	B545872	0.159	0.017	0.383	0.295	214	15	0.263	0.019	4.14	3.87	7390	7400	9.27	0.483	<0.002	<0.002	0.382	0.419	0.656	0.33	411	418
	05/06/2015	WA1	B547761	0.111	0.0139	0.49	0.175	195	5.4	0.185	<0.005	4.02	4.38	7540	7610	5.65	0.265	<0.002	<0.002	0.432	0.419	0.53	0.216	460	404
	11/06/2015	WA1	B549906	0.0454	0.0098	0.252	0.126	75.8	2.8	0.0838	<0.005	4.97	4.65	8950	8570	2.47	0.204	<0.002	<0.002	0.502	0.467	0.528	0.183	478	432
	23/07/2015	WA1	B563471	0.0136	0.0091	0.119	0.093	16.1	3	0.0086	<0.005	8.25	8.4	11,200	11,100	0.578	0.302	<0.002	<0.002	0.645	0.609	0.157	0.148	558	524
	20/08/2015	WA1	B572515	0.011	0.007	0.255	0.151	4.6	1.5	<0.005	<0.005	10.9	9.58	11,900	11,800	0.406	0.183	<0.002	<0.002	0.661	0.66	0.137	0.126	580	576
	27/08/2015	WA1	B575103	0.008	0.009	0.136	3.42	6.6	3.3	0.006	0.005	8.37	9.24	11,200	11,600	0.411	0.219	<0.002	<0.002	0.642	0.67	0.136	0.239	543	553
	03/09/2015	WA1	B577658	0.013	0.021	0.099	0.229	9.4	15.8	0.005	0.023	9.41	9.48	11,900	11,700	0.526	0.984	<0.002	<0.002	0.622	0.602	0.098	0.157	515	532
	10/09/2015	WA1	B579637	0.01	0.008	0.131	0.112	8.5	1.5	0.005	<0.005	9.78	10.1	11,900	11,700	0.43	0.201	<0.002	<0.002	0.616	0.649	0.136	0.126	578	555
	17/09/2015	WA1	B582068	0.64	0.008	1.01	0.118	935	2	1.33	<0.005	15.4	10.3	13,800	11,400	31.1	0.231	<0.002	<0.002	0.721	0.65	1.18	0.099	820	545
	12/05/2016	WA1	B637198	0.094	0.011	0.44	0.148	152	4	0.161	<0.005	4.99	4.47	7690	8070	6.3	0.244	<0.002	<0.002	0.457	0.41	0.41	0.202	440	396
	20/07/2018	WA1	L2133661	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	8.3	8.3	11,700	10,500	0.58	0.4	<0.005	<0.005	0.638	0.602	<0.5	<0.5	535	551
	09/11/2018	WA1	L2195291	<0.1	<0.1	<0.5	0.2	<10	<10	<0.05	<0.05	8.9	9.1	11,500	12,900	0.49	0.35	<0.005	<0.005	0.602	0.613	<0.5	<0.5	484	505
	17/06/2019	WA1	L2295044	<0.1	<0.1	<0.5	0.2	28	<10	<0.05	<0.05	6.4	6.7	10,100	9500	1.34	0.17	<0.005	<0.005	0.488	0.494	<0.5	<0.5	446	469

Metals (continued)

Sample Date	Sample ID	Lab Report Number	Rubidium	Rubidium (Filtered)	Selenium	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.2	0.2	0.04	0.04	50	50	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1	0.1	0.06	0.06
BC WQG Approved Short Term Maximum (Acute) - Freshwater					2				Variable																						Variable#4			
BC WQG Working - Fresh Water Aquatic Life																	0.8#19	0.8#19					2000#20	2000#20			8.5	8.5						
CWQG Aquatic Life Freshwater - Long Term					1				0.25	0.25							0.8	0.8									15	15				Variable		
CWQG Aquatic Life Freshwater - Short Term																											33	33				Variable		
16/05/2012	WA1	B240844	-	-	0.412	0.489	2240	1990	0.013	<0.005	1250	1250	108	105	-	-	0.018	0.002	-	-	<0.2	<0.2	2.71	<0.5	-	-	0.18	0.126	0.55	<0.2	5.3	1.25	0.12	<0.1
18/06/2012	WA1	B252527	-	-	0.355	0.351	2150	1990	0.0167	<0.005	1050	1010	96.7	89.9	-	-	0.0113	0.0027	-	-	<0.2	<0.2	3.03	<0.5	-	-	0.185	0.131	0.52	<0.2	5.07	5.51	<0.1	<0.1
24/07/2012	WA1	B265706	-	-	0.476	0.468	1950	2030	<0.005	<0.005	1940	1930	139	139	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.207	0.184	<0.2	<0.2	6.38	4.8	<0.1	<0.1
25/08/2012	WA1	B276408	-	-	0.545	0.493	2240	2230	<0.005	<0.005	2880	3000	172	167	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.242	0.246	<0.2	<0.2	0.35	0.15	<0.1	<0.1
17/09/2012	WA1	B283851	-	-	0.601	0.696	2280	2220	<0.005	<0.005	3280	3510	167	188	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.254	0.253	<0.2	<0.2	0.27	0.25	<0.1	<0.1
24/10/2012	WA1	B297129	-	-	0.694	0.674	2160	2270	<0.005	<0.005	3360	3370	176	178	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.281	0.275	<0.2	<0.2	0.29	0.66	<0.1	<0.1
24/11/2012	WA1	B2A7294	-	-	0.75	0.726	2420	2370	<0.005	<0.005	3260	3160	165	169	-	-	<0.002	<0.002	-	-	<0.2	0.25	<0.5	<0.5	-	-	0.231	0.259	<0.2	<0.2	0.73	0.43	<0.1	<0.1
15/12/2012	WA1	B2B4014	-	-	0.71	0.705	2340	2340	<0.005	<0.005	3810	3740	176	180	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.256	0.256	<0.2	<0.2	0.79	0.29	<0.1	<0.1
25/01/2013	WA1	B306701	-	-	0.892	0.711	2330	2370	<0.005	<0.005	3680	4080	184	180	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.274	0.272	<0.2	<0.2	1.68	2.55	<0.1	<0.1
20/02/2013	WA1	B314188	-	-	0.7	0.672	2230	2160	<0.005	<0.005	4010	4060	197	191	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.282	0.271	<0.2	<0.2	0.34	0.18	<0.1	<0.1
20/03/2013	WA1	B322778	-	-	0.628	0.643	2140	1970	<0.005	<0.005	3870	4090	173	181	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.273	0.266	<0.2	<0.2	0.29	0.91	<0.1	<0.1
17/04/2013	WA1	B330896	-	-	0.794	0.795	2100	1890	<0.005	<0.005	3920	4070	184	183	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.243	0.237	<0.2	<0.2	0.57	0.29	<0.1	<0.1
23/05/2013	WA1	B341817	-	-	0.415	0.364	1980	1890	<0.005	<0.005	1150	1120	96.3	96.1	-	-	0.008	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.19	0.161	0.5	<0.2	3.3	0.32	<0.1	<0.1
20/06/2013	WA1	B351922	-	-	0.42	0.228	7710	1650	0.053	<0.005	860	740	206	69.4	-	-	0.085	0.003	-	-	<1	<0.2	2.9	1.79	-	-	1.67	0.091	12.4	0.34	101	3.91	0.73	0.31
17/07/2013	WA1	B361290	-	-	0.576	0.573	2380	2030	<0.005	<0.005	2400	2440	146	158	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.206	0.213	<0.2	<0.2	0.23	0.21	<0.1	<0.1
26/08/2013	WA1	B376191	-	-	0.481	0.532	2390	2340	<0.005	<0.005	3560	3570	177	177	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.244	0.266	<0.2	<0.2	0.61	0.59	<0.1	<0.1
25/09/2013	WA1	B387669	-	-	0.55	0.629	2170	2300	<0.005	<0.005	3520	3480	183	163	-	-	<0.002	<0.002	-	-	<0.2	<0.2	0.7	<0.5	-	-	0.211	0.245	<0.2	<0.2	0.35	0.32	<0.1	<0.1
24/10/2013	WA1	B399472	-	-	0.566	0.613	2300	2090	<0.005	<0.005	3360	3590	173	186	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.225	0.236	<0.2	<0.2	0.86	0.43	<0.1	<0.1
21/11/2013	WA1	B3A8725	-	-	0.649	0.749	1840	2190	<0.005	<0.005	3570	3780	175	189	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.287	0.287	<0.2	<0.2	1.79	0.77	<0.1	<0.1
28/01/2014	WA1	B407313	-	-	0.695	0.699	2270	2280	<0.005	<0.005	3880	4000	192	187	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.277	0.281	<0.2	<0.2	0.33	0.48	<0.1	<0.1
24/04/2014	WA1	B432952	-	-	0.69	0.714	2290	2440	<0.005	<0.005	3770	3780	173	168	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.24	0.242	<0.2	<0.2	0.19	0.21	<0.1	<0.1
15/05/2014	WA1	B439804	-	-	0.516	0.531	2360	2190	<0.005	<0.005	2390	2410	149	155	-	-	0.003	<0.002	-	-	<0.2	<0.2	0.91	<0.5	-	-	0.183	0.176	0.26	<0.2	2.3	0.41	<0.1	<0.1
22/05/2014	WA1	B442060	-	-	0.437	0.428	2210	1750	0.007	<0.005	1340	1220	115	107	-	-	0.01	0.003	-	-	<0.2	<0.2	1.76	<0.5	-	-	0.213	0.148	0.62	<0.2	4.58	0.34	0.14	<0.1
30/05/2014	WA1	B444272	-	-	0.414	0.441	2270	2110	<0.005	<0.005	1380	1410	110	109	-	-	0.006	<0.002	-	-	<0.2	<0.2	1.1	<0.5	-	-	0.174	0.15	0.39	<0.2	2.2	0.4	<0.1	<0.1
30/05/2014	WA1-DUP	B444272	-	-	0.44	0.445	2330	2170	<0.005	<0.005	1320	1320	112	107	-	-	0.006	<0.002	-	-	<0.2	<0.2	1.38	<0.5	-	-	0.178	0.146	0.39	<0.2	2.57	0.25	<0.1	<0.1
05/06/2014	WA1	B446972	-	-	0.379	0.387	2280	2110	<0.005	<0.005	1230	1220	99.1	95.8	-	-	0.004	<0.002	-	-	0.72	<0.2	0.83	<0.5	-	-	0.166	0.14	0.33	<0.2	11.4	0.54	<0.1	<0.1
12/06/2014	WA1	B449500	-	-	0.413	0.403	2240	2040	<0.005	<0.005	1450	1380	107	107	-	-	0.002	<0.002	-	-	<0.2	<0.2	1.91	<0.5	-	-	0.159	0.148	0.31	<0.2	1.26	0.46	<0.1	<0.1
24/07/2014	WA1	B464009	-	-	0.564	0.404	2400	2290	<0.005	0.007	3060	2620	173	167	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	0.51	-	-	0.211	0.218	<0.2	<0.2	0.25	0.9	<0.1	<0.1
21/08/2014	WA1	B474408	-	-	0.542	0.521	2260	2400	<0.005	<0.005	3480	3240	176	189	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.242	0.252	<0.2	<0.2	0.73	0.49	<0.1	<0.1
28/08/2014	WA1	B476541	-	-	0.557	0.551	2420	2400	<0.005	<0.005	3430	3430	184	194	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.236	0.25	<0.2	<0.2	0.41	0.37	<0.1	<0.1
05/09/2014	WA1	B479164	-	-	0.486	0.523	2380	2370	<0.005	<0.005	3230	3100	178	179	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.222	0.227	<0.2	<0.2	0.31	0.22	<0.1	<0.1
12/09/2014	WA1	B481292	-	-	0.567	0.555	2570	2420	<0.005	<0.005	3700	3620	179	178	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.234	0.24	<0.2	<0.2	0.25	0.19	<0.1	<0.1
18/09/2014	WA1	B483962	-	-	0.553	0.534	2530	2180	<0.005	<0.005	3770	3520	182	181	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.247	0.242	<0.2	<0.2	0.18	0.29	<0.1	<0.1
31/10/2014	WA1	B499587	-	-	0.513	0.481	1970	2150	<0.005	<0.005	3910	3760	183	192	-	-	<0.002	<0.002	-	-	<0.2	<0.2	0.71	<0.5	-	-	0.243	0.264	<0.2	<0.2	0.98	0.2	<0.1	<0.1
27/11/2014	WA1	B4A9093	-	-	0.531	0.525	2130	2090	<0.005	<0.005	3230	3240	175	164	-	-	<0.002	<0.002	-	-	0.24	<0.2	<0.5	<0.5	-	-	0.244	0.239	<0.2	<0.2	0.4	0.36	<0.1	<0.1
18/12/2014	WA1	B4B5326	-	-	0.513	0.569	2100	2340	<0.005	<0.005	3060	3360	166	171	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.228	0.238	<0.2	<0.2	0.2	0.31	<0.1	<0.1
22/01/2015	WA1	B505986	-	-	0.585	0.594	2450	2200	<0.005	<0.005	4380	4130	188	186	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.261	0.248	<0.2	<0.2	0.26	0.13	<0.1	<0.1
26/02/2015	WA1	B516449	-	-	0.587	0.608	2330	2330	<0.005	<0.005	3770	4000	178	170	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.242	0.241	<0.2	<0.2	0.19	0.27	<0.1	<0.1
26/03/2015	WA1	B525184	-	-	0.567	0.567	2370	2280	<0.005	<0.005	3440	3450	169	179	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.207	0.224	<0.2	<0.2	0.28	0.26	<0.1	<0.1
23/04/2015	WA1	B533584	-	-	0.34	0.48	2060	1990	<0.005	<0.005	1780	1880	123	132	-	-	0.004	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.168	0.165	<0.5	<0.2	1.3	0.33	<0.1	<0.1
14/05/2015	WA1	B540628	-	-	0.491	0.498	2050	2340	<0.005	<0.005	2200	1950	151	154	-	-	0.0036	<0.002	-	-	<0.2	<0.2	1.11	<0.5	-	-	0.229	0.226	<0.2	<0.2	6.32	0.34	<0.1	<0.1
21/05/2015	WA1	B542667	-	-	0.342	0.401	1810	1970	<0.005	<0.005	1790	1640	127	119	-	-	0.004	0.002	-	-	<0.2	<0.2	1.96	<0.5	-	-	0.171	0.16	0.28	<0.2	1.02	0.77	<0.1	<0.1
28/05/2015	WA1	B545872	-	-	0.356	0.304	2120	2000	<0.005	<0.005	1280	1360	108	111	-	-	0.005	0.003	-	-	<0.2	<0.2	1.53	<0.5	-	-	0.162	0.147	0.29	<0.2	1.44	3.93	<0.1	<0.1
05/06/2015	WA1	B547761	-	-	0.348	0.397	2290	2070	<0.005	<0.005	1510	1530	116	117	-	-	0.006	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.168	0.152	<0.5	<0.2	1.6	0.27	0.22	<0.1
11/06/2015	WA1	B549906	-	-	0.504	0.425	2130	2150	<0.005	<0.005	2000	1860	145	136	-	-	0.0026	<0.002	-	-	<0.2	<0.2	0.68	<0.5	-	-	0.198	0.177	<0.2	<0.2	2.01	0.14	<0.1	<0.1
23/07/2015	WA1	B563471	-	-	0.503	0.501	2200	2210	<0.005	<0.005	3310	3270	183	176	-	-	0.0021	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.261	0.244	<0.2	<0.2	0.3	0.66	<0.1	<0.1
20/08/2015	WA1	B572515	-	-	0.541	0.508	2420	2630	<0.005	<0.005	3770	3680	194	201	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.274	0.271	<0.2	<0.2	0.74	0.28	<0.1	<0.1
27/08/2015	WA1	B575103	-	-	0.478	0.524	2290	2460	<0.005	<0.005	3510	3630	185	192	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.271	0.277	<0.2	<0.2	0.35	0.49	<0.1	<0.1
03/09/2015	WA1	B577658	-	-	0.522	0.469	2190	1940	<0.005	<0.005	3720	3770	191	186	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.267	0.261	<0.2	<0.2	0.6	3.24	<0.1	<0.1
10/09/2015	WA1	B579637	-	-	0.521	0.508	2390	2520	<0.005	<0.005	3730	3690	198	195	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.262	0.28	<0.2	<0.2	0.29	0.21	<0.1	<0.1
17/09/2015	WA1	B582068	-	-	0.648	0.537	3270	2390	<0.005	<0.005	4290	3800	218	188	-	-	0.013	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.388	0.29	<0.5	<0.2	5.4	0.2	<0.1	<0.1
12/05/2016	WA1	B637198	-	-	0.432	0.446	2290	2070	<0.005	<0.005	1620	1640	130	126	-	-	0.003	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.176	0.175	<0.5	<0.2	1.4	0.47	<0.1	<0.1
20/07/2018	WA1	L2133661	0.26	0.28	0.531	0.607	2360	2080	<0.01	<0.01	3330	3220	184	180	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.235	0.234	<0.5	<0.5	<3	<1	<0.06	<0.06
09/11/2018	WA1	L2195291	0.22	0.24	0.622	0.571	2240	2080	<0.01	<0.01	3990	4060	184	190	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.272	0.267	<0.5	<0.5	<3	<1	<0.06	<0.06
17/06/2019	WA1	L2295044	0.27	0.27	0.564	0.528	2210	2050	<0.01	<0.01	2310	2520	152	161	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.33	<0.3	<0.1	<0.1	0.188	0.211	<0.5	<0.5	<3	<1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Sample Date	Sample ID	Lab Report Number	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Short Term Maximum (Acute) - Freshwater							0.05	0.1	0.1								0.2			1		0.02				
BC WQG Working - Fresh Water Aquatic Life																							3.4			
CWQG Aquatic Life Freshwater - Long Term					5.8		4.4	0.012	0.018	0.015							0.04	3		1.1	0.4	0.025	3.4			
CWQG Aquatic Life Freshwater - Short Term																										
16/05/2012	WA1	B240844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/06/2012	WA1	B252527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	WA1	B265706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	WA1	B276408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	WA1	B283851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	WA1	B297129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	WA1	B2A7294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	WA1	B2B4014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	WA1	B306701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/02/2013	WA1	B314188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	WA1	B322778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	WA1	B330896	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	WA1	B341817	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	WA1	B351922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	WA1	B361290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	WA1	B376191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2013	WA1	B387669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	WA1	B399472	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	WA1	B3A8725	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	WA1	B407313	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.069	<0.02	<0.5	<0.5	<0.05	<0.5
24/04/2014	WA1	B432952	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	WA1	B439804	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	WA1	B442060	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/05/2014	WA1	B444272	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/05/2014	WA1-DUP	B444272	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	WA1	B446972	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	WA1	B449500	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	WA1	B464009	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	WA1	B474408	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	WA1	B476541	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	WA1	B479164	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	WA1	B481292	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	WA1	B483962	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
31/10/2014	WA1	B499587	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	WA1	B4A9093	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	WA1	B4B5326	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	WA1	B505986	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	WA1	B516449	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	WA1	B525184	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	WA1	B533584	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	WA1	B540628	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	WA1	B542667	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	WA1	B545872	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	WA1	B547761	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	WA1	B549906	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	WA1	B563471	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	WA1	B572515	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	WA1	B575103	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	WA1	B577658	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	WA1	B579637	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	WA1	B582068	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	WA1	B637198	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	WA1	L2133661	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	WA1	L2195291	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	WA1	L2295044	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Notes:
RDL - reportable detection limit
mg/L - miligram per litre
µg/L - microgram per litre
BC WQG - BC Water Quality Guidelines
CCME CWQG - Canadian Council of Ministers Canadian Water Quality Guidelines
#1:Guideline varies with temperature, and pH. Most conservative value listed.
#2:30 day average concentration guideline is 3.0 mg/L.
#3:Ranges from 5 to 15 ug/L and is only applied to lakes with salmonids.
#4:Guideline varies with hardness. Most conservative value listed.
#5:30-day average guideline. Guideline varies with hardness. Most conservative value listed.
#6:Short-term WQG - pH greater than or equal to 6.5. See formula for pH less than 6.5
#7:Long-term WQG.
#8:Guideline varies with hardness. Most conservative long-term value listed.
#9:Guideline is for dissolved iron. Guideline for total iron is 1 mg/L.
#10:Alert concentration of 1 ug/L
#11:Chronic toxicity guideline.
#12:Chronic toxicity guideline. Phototoxic guideline is 0.05 ug/L.
#13:Chronic toxicity guideline. Phototoxic guideline is 0.1 ug/L.
#14:Chronic toxicity guideline. Phototoxic guideline is 0.2 ug/L.
#15:Phototoxicity guideline.
#16:Guideline is for chromium (III). Chromium (VI) guideline is 1 ug/L.
#17:Maximum concentration. 0.096 mg/L chronic toxicity guieline.
#18:Guideline for KCl
#19:30 day average guideline specific to the lower Columbia River. Ontario water quality objective is 0.3 ug/L .
#20:Median threshold level: Scenedesmus.
#21:Total ammonia guideline varies with temperature and pH. See CCME Factsheets.
#22:Phosphorus concentration varies based on trophic level. Value listed is for oligotropic. See factsheet.
#23:Aluminum guideline is 5 µg/L if pH < 6.5 and 100 µg/L if pH >= 6.5.
#24:Cadmium concentration of 0.04 µg/L is for waters of > 0 to < 17 mg/L hardness (as CaCO3). See factsheet for hardness-dependent calculation at other levels.
#25:Copper concentration of 2 µg/L is for waters of 0 to < 8.2 mg/L hardness (as CaCO3) or unknown hardness. See factsheet for hardness-dependent calculation at other levels.
#26:Lead concentration of 1 µg/L is for waters of 0 to < 60 mg/L hardness (as CaCO3) or unknown hardness. See factsheet for hardness-dependent calculation at other levels.
#27:Nickel concentration of 25 µg/L is for waters of 0 to < 60 mg/L hardness (as CaCO3) or unknown hardness. See factsheet for hardness-dependent calculation at other levels.
#28:The short-term cadmium concentration of 0.11 µg/L is for waters of 0 to < 5.3 mg/L hardness (as CaCO3). See factsheet for hardness-dependent calculation at other levels.

Appendix B

Surface Water Analytical Results compared to BC WQG Long Term

Location Code	Sample Date	Sample ID	Lab Report Number	Physical Tests (*in-situ* sampling)								Calculated Parameters							
				Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life																			
A1	14/05/2012	A1	B240844	7.6	8.06	303	-	9.7	82	-	-	-	-	-	135,000	<10,000	<10,000	-	141,000
	18/06/2012	A1	B252527	6	7.31	243	-	12.8	131	-	-	-	-	-	109,000	<10,000	<10,000	-	122,000
	23/07/2012	A1	B265706	10.8	8.47	174.1	-	8.7	91.6	-	-	-	-	-	130,000	<10,000	<10,000	-	141,000
	25/08/2012	A1	B276408	8.9	9.73	196.2	-	10.29	104.3	141.3	-	-	-	-	145,000	<10,000	<10,000	-	159,000
	17/09/2012	A1	B283851	8.5	9.34	198.7	-	9.53	94.6	114.2	-	-	-	-	153,000	<10,000	<10,000	-	169,000
	24/10/2012	A1	B297129	2.4	8.53	176	311	12.8	93.6	114.8	2.05	-	830	-	150,000	<10,000	<10,000	-	-
	23/11/2012	A1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	149,000	6600	6700	-	-
	15/12/2012	A1	B2B4014	0.3	8.59	167	316	12	82.9	167	-	-	-	-	153,000	6700	7000	-	178,000
	24/01/2013	A1	B306701	0.34	8.13	170	321	12.51	86.7	149	-	-	-	-	155,000	5800	5800	-	157,000
	24/01/2013	A1-DUP	B306701	0.34	8.13	170	321	12.51	86.7	149	-	-	-	-	154,000	6500	5000	-	183,000
	20/02/2013	A1	B314188	1.41	8.45	178	323	9.65	68.8	98	0.58	-	-	-	157,000	6300	5400	-	168,000
	20/03/2013	A1	B322778	0.68	8.24	173	323	11.81	82.5	136	0.81	-	-	-	157,000	6600	5800	-	179,000
	17/04/2013	A1	B330896	2.5	8.49	186.1	326.7	12.17	89.2	85.2	8.52	-	-	-	158,000	6600	6700	-	172,000
	23/05/2013	A1	B341817	3.6	8.12	109.2	184.7	11.62	102.6	236.8	-	-	-	-	113,000	<3000	<3000	-	115,000
	20/06/2013	A1	B351922	5.3	7.88	104.3	166.9	11.29	104.3	63.5	-	-	-	-	100,000	<3000	<3000	-	102,000
	17/07/2013	A1	B361290	7.17	8.47	224	339	10.84	89.7	963	4.54	-	-	-	140,000	4200	5100	-	144,000
	26/08/2013	A1	B376191	12.5	8.12	154.8	-	9.37	80.4	151.3	-	-	-	-	155,000	4100	4400	-	173,000
	25/09/2013	A1	B387669	5.6	7.74	156.2	263.9	9.91	82.4	189.4	-	-	-	-	155,000	4800	5700	-	154,000
	24/10/2013	A1	B399472	4.6	8.27	183.4	300.4	11.49	89.3	279.2	-	-	-	-	147,000	5600	6000	-	170,000
	20/11/2013	A1	B3A8665	0.5	8.04	178.8	336.3	13.02	95.5	258.1	-	-	-	-	162,000	6000	7700	-	185,000
	22/12/2013	A1	B3B7782	0.5	8.26	73.2	326.3	12.04	95.1	295.8	-	-	-	-	160,000	4700	6600	-	163,000
	22/12/2013	A1-DUP	B3B7782	0.5	8.26	73.2	326.3	12.04	95.1	295.8	-	-	-	-	158,000	6400	5500	-	165,000
	28/01/2014	A1	B407313	0.4	8.46	-	337.4	11.98	82.8	114.9	-	-	-	-	160,000	5100	4700	-	181,000
	28/01/2014	A1-DUP	B407313	0.4	8.46	-	337.4	11.98	82.8	114.9	-	-	-	-	159,000	4500	5200	-	172,000
	27/02/2014	A1	B416171	0.1	8.04	-	331.9	12.49	85.9	174.6	-	-	-	-	158,000	5400	6300	-	173,000
	27/03/2014	A1	B424928	1.1	8.44	-	287	12	92.7	212.7	-	-	-	-	156,000	6500	6000	-	179,000
	24/04/2014	A1	B432952	3.6	8.42	-	271	11.69	88.1	181.3	-	-	-	-	161,000	6300	6900	-	188,000
	15/05/2014	A1	B439804	5.9	8.39	-	248.7	10.52	84.3	262.5	14.97	-	-	-	147,000	4900	5000	-	165,000
	22/05/2014	A1	B442060	7.3	8.4	-	191.2	10.32	85.9	254.5	41.95	-	-	-	129,000	3400	3500	-	136,000
	29/05/2014	A1	B444272	5.3	8.39	-	189.8	11.57	91.5	284.2	24.5	-	-	-	120,000	<3000	<3000	-	128,000
	05/06/2014	A1	B446972	6.1	8.27	147.5	201.8	10.91	88.6	284.4	11.55	-	-	-	117,000	<3000	3200	-	117,000
	12/06/2014	A1	B449500	6.9	8.45	-	214.9	11	90.5	296.6	6.47	-	-	-	122,000	<3000	3400	-	133,000
	24/07/2014	A1	B464009	7.2	8.36	-	250.5	11.47	94.9	227.4	2.34	-	-	-	144,000	5700	5100	-	158,000
	21/08/2014	A1	B474408	7.6	8.33	-	257.6	8.34	77.6	165.3	1.47	-	-	-	153,000	4700	4300	-	163,000
	28/08/2014	A1	B476541	9.71	8.37	-	291	10.04	88.4	145	1.23	-	-	-	150,000	4500	5100	-	161,000
	05/09/2014	A1	B479164	8.63	8.44	-	291	10.09	86.6	127	1.21	-	-	-	149,000	5600	4700	-	162,000
	12/09/2014	A1	B481292	5.01	8.49	-	250	10.98	86.1	142	1.18	-	-	-	147,000	6600	5700	-	176,000
	18/09/2014	A1	B483962	8.5	8.5	-	245	10.01	86	137	1.61	-	-	-	145,000	5100	4400	-	163,000
	30/10/2014	A1	B499587	5.2	8.47	-	301.1	11.18	88.1	262.6	1.44	-	-	-	152,000	5500	6100	-	177,000
	28/11/2014	A1	B4A9093	0	8.26	-	209.5	11.6	80.8	221.6	0.92	-	-	-	135,000	4800	5000	-	157,000
	18/12/2014	A1	B4B5326	1.6	8.39	-	267.5	12.36	88.4	179.3	0.67	-	-	-	159,000	4500	5200	-	174,000
	22/01/2015	A1	B505986	0.3	8.29	-	269.5	12.99	89.6	332.2	0.47	-	-	-	155,000	5600	4300	-	174,000
	27/02/2015	A1	B516449	0.1	8.23	-	318.6	98.4	14.39	170	0.39	-	580	-	164,000	5400	-	-	-
	26/03/2015	A1	B525184	2.4	8.32	-	253.3	11.87	86.9	215.6	3.61	-	<500	-	154,000	5900	-	-	-
	26/03/2015	A1-DUP	B525184	2.4	8.32	-	253.3	11.87	86.9	215.6	3.61	-	<500	-	155,000	5900	-	-	-
	23/04/2015	A1	B533584	5	8.45	-	271.6	10.07	79	254.6	7.39	-	-	-	138,000	<15,000	3900	-	145,000
	15/05/2015	A1	B540628	4.1	8.29	-	214.7	13.27	101.7	245.5	2.97	-	-	-	138,000	3900	4700	-	164,000
	21/05/2015	A1	B542667	7	8.39	-	210.2	11.91	98.3	293.7	3.61	-	-	-	126,000	3500	3700	-	137,000
	28/05/2015	A1	B545872	4.8	8.21	-	208.8	10.69	83.4	271.8	5.8	-	-	-	118,000	<3000	<3000	-	134,000
	04/06/2015	A1	B547761	3.8	8.21	-	206.3	12.23	93	358.7	5.27	-	-	-	119,000	<15,000	<3000	-	128,000
	11/06/2015	A1	B549906	6.9	8.3	-	221	9.45	77.8	294	2.72	-	-	-	129,000	<3000	<3000	-	137,000
	23/07/2015	A1	B563471	7.6	8.37	-	259.6	10.57	88.6	360.4	0.02	-	-	-	152,000	4600	4500	-	157,000
	20/08/2015	A1	B572515	8.7	8.43	-	274.5	10.06	86.4	104.3	1.31	-	-	-	153,000	5000	5100	-	170,000
	27/08/2015	A1	B575103	7.6	8.38	-	271	10.8	90.3	181.3	0.97	-	-	-	153,000	4500	5100	-	167,000
	03/09/2015	A1	B577658	-	-	-	-	-	-	-	-	-	-	-	152,000	5300	5400	-	167,000
	10/09/2015	A1	B579637	6.9	8.37	-	269.4	10.23	84.1	114.4	3.12	-	-	-	144,000	5600	6100	-	169,000
	17/09/2015	A1	B582068	6.8	8.38	-	188.1	11.16	91.4	144.6	0.99	-	-	-	145,000	5700	5900	-	161,000
	12/05/2016	A1	B637198	3.9	8.56	-	200.7	12.61	96	219.4	1.36	-	-	-	128,000	<15,000	3200	-	126,000
	20/07/2018	A1	L2133661	13.52	8.48	229.7	293.7	8.91	100.3	74.9	-	137,000	6400	<1000	143,000	4920	4840	149,000	-
	09/11/2018	A1	L2195291	1.88	8.38	170.7	304.1	11.51	97	61	2.08	154,000	6600	<1000	160,000	6620	6080	183,000	-
	04/03/2019	A1	L2240838	0	8.31	NA	338.2	13.22	90.6	49.5	0.47	167,000	2800	<1000	170,000	6260	6320	179,000	-
	04/03/2019	A1-DUP	L2240838	0	8.31	NA	338.2	13.22	90.6	49.5	0.47	170,000	<1000	<1000	170,000	6570	6160	181,000	-
	18/06/2019	A1	L2295044	7.4	7.98	175.6	264.2	10.61	103.5	92.6	1.11	127,000	8000	<1000	135,000	4220	3940	142,000	-
A2	15/05/2012	A2	B240844	6.1	7.97	263	-	10.3	84	-	-	-	-	-	123,000	<10,000	<10,000	-	129,000
	18/06/2012	A2	B252527	4.7	7.39	230	-	13.5	105	-	-	-	-	-	105,000	<10,000	<10,000	-	111,000
	24/07/2012	A2	B265706	8.6	8.49	152.2	-	8.8	89.1	-	-	-	-	-	123,000	<10,000	<10,000	-	133,000
	25/08/2012	A2	B276408	8.8	9.63	181.6	-	10.4	105.9	88.8	-	-	-	-	134,000	<10,000	<10,000	-	153,000
	17/09/2012	A2	B283851	4.3	8.37	163.6	-	14.88	134.5	78.3	-	-	-	-	140,000	<10,000	<10,000	-	157,000
	24/10/2012	A2	B297129	2.64	8.37	167	291	12.23	90.2	122	0.72	-	1310	-	141,000	<10,000	<10,000	-	-
	24/10/2012	A2-DUP	B297129	2.64	8.37	167	291	12.23	90.2	122	0.72	-	<500	-	139,000	<10,000	<10,000	-	-
	24/11/2012	A2	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	141,000	6100	5900	-	-
	15/12/2012	A2	B2B4014	1.02	8.52	160	295	11.68	82.3	-	-	-	-	-	143,000	5900	5900	-	168,000
	25/01/2013	A2	B306701	1.18	7.94	168	308	12.45	88.3	98	-	-	-	-	146,000	6000	5400	-	177,000
	20/02/2013	A2	B314188	1.87	8.5	167	300	9.34	67.6	100	0.28	-	-	-	143,000	5300	5000	-	159,000
	20/03/2013	A2	B322778	1.69	8.19	167	301	11.64	83.7	139	0.42	-	-	-	149,000	6400	5900	-	163,000
	17/04/2013	A2	B330896	1.6	8.34	167.8	303.5	12.14	87.1	103	2.51	-	-	-	148,000	5800	6300	-	158,000
	23/05/2013	A2	B341817	3.5	8.11	101.4	172.2	11.59	103.3	242.3	-	-	-	-	107,000	<3000	<3000	-	114,000
	20/06/2013	A2	B351922	4.5	7.84	100.7	165.2	11.22	104	202.8	-	-	-	-	93,500	<3000	<3000	-	93,700
	17/07/2013	A2	B361290	6.32	8.41	199	310	11.14	90.3	61	4.31	-	-	-	131,000	3800	4100	-	128,000
	26/08/2013	A2	B376191	9.6	7.84	117.3	-	8.85	87.2	189.8	-	-	-	-	142,000	3500	5500	-	154,000
	25/09/2013	A2	B387669	5.1	7.13	151.3	244.2	9.94	82.3	191.3	-	-	-	-	142,000	5100	5100	-	149,000
	24/10/2013	A2	B399472	3.8	8.24	165.5	278	11.68	88.9	275.6	-	-	-	-	136,000	5300	6200	-	164,000
	20/11/2013	A2	B3A8665	0.1	8.41	156.6	298.3	12.93	94.7	256.7	-	-	-	-	142,000	6000	4700	-	167,000
	22/12/2013	A2	B3B7782	0.8	8.31	161.3	299.6	11.91	96.6	216.08	-	-	-	-	146,000	4900	5500	-	152,000
	28/01/2014	A2	B407313	0.1	8.48	-	301.2	11.76	81	167.4	-	-	-	-	146,000	4300	3900	-	165,000
	26/02/2014	A2	B416171	0	8.07	-	313.9	12.68	86.9	131.6	-	-	-	-	150,000	5900	5100	-	165,000
	27/03/2014	A2	B424928	0.08	8.13	-	264.1	11.88	93.6	185.5	-	-	-	-	147,000	5800	5400	-	167,000
	24/04/2014	A2	B432952	3.5	8.33	-	246.5	11.56	87.1	144.6	-	-	-	-	147,000	6000	6100	-	170,000
	15/05/2014	A2	B439804	5.5	8.37	-	228	10.71	85.1	261.1	17.04	-	-	-	136,000	4200	4500	-	152,000
	22/05/2014	A2	B442060	6.2	8.33	-	184.8	10.77	86.9	257.9	41.96	-	-	-	121,000	<3000	<3000	-	123,000
	29/05/2014	A2	B444272	4.4	8.37	-	175.6	11.55	89	270.5	13.27	-	-	-	112,000	3000	<3000	-	119,000
	05/06/2014	A2	B446972	5.7	8.28	138.7	193.4	10.84	86.5	239.4	10.85	-	-	-	111,000	<3000	<3000	-	126,000
	05/06/2014	A2-DUP	B446972	5.7	8.28	138.7	193.4	10.84	86.5	239.4	10.85	-	-	-	110,000	<3000	<3000	-	115,000
	12/06/2014	A2	B449500	5.6	8.42	-	197.6	11.3	89.6	279	7.02	-	-	-	116,000	<3000	<3000	-	120,000
	24/07/2014	A2	B464009	6.3	8.39	-	229.6	11.68	94.6	218.2	5.08	-	-	-	132,000	5500	4900	-	148,000
	21/08/2014	A2	B474408	6.6	8.22	-	243.5	7.96	77.2	179.1	1.96	-	-	-	141,000	4400	4500	-	156,000
	28/08/2014	A2	B476541	8.28	8.36	-	270	10.01	85.2	144	1.12	-	-	-	138,000	4600	4400	-	150,000
	05/09/2014	A2	B479164	8.83	8.42	-	269	10.39	89.7	130	2.85	-	-	-	136,000	5400	4400	-	151,000
	12/09/2014	A2	B481292	4.96	8.43	-	231	11.07	86.8	137	1.97	-	-	-	136,000	5400	5700	-	170,000
	18/09/2014	A2	B483962	8.11	8.48	-	225	10.01	87.3	137	1.61	-	-	-	135,000	4900	4800	-	159,000
	30/10/2014	A2	B499587	5.4	8.5	-	278.4	11.06	87.6	259.9	2.34	-	-	-	141,000	4800	5100	-	160,000
	27/11/2014	A2	B4A9093	3.1	8.34	-	208.2	10.86	81	221.9	0.86	-	-	-	135,000	5000	5000	-	151,000
	18/12/2014	A2	B4B5326	1.9	8.3	-	252.8	11.99	86.4	203.7	0.67	-	-	-	148,000	4200	4600	-	167,000
	18/12/2014	A2-DUP	B4B5326	1.9	8.3	-	252.8	11.99	86.4	203.7	0.67	-	-	-	146,000	4100	5300	-	159,000
	22/01/2015	A2	B505986	0.8	8.38	-	254.5	14.9	99.2	214.9	0.28	-	-	-	145,000	5600	6100	-	162,000
	27/02/2015	A2	B516449	0	8.15	-	315.4	13.66	93.8	159	0.31	-	<500	-	151,000	5100	-	-	-
	26/03/2015	A2	B525184	2.1	8.14	-	231.5	11.35	82.3	205.1	1.25	-	<500	-	142,000	5700	-	-	-
	23/04/2015	A2	B533584	5.5	8.45	-	252.8	10.31	81.8	209.9	1.68	-	-	-	129,000	<15,000	3600	-	132,000
	15/05/2015	A2	B540628	3.5	8.25	-	201.6	13.45	101.2	242.1	1.2	-	-	-	134,000	3700	4100	-	149,000
	21/05/2015	A2	B542667	6.4	8.54	-	295.5	12.44	101	242.1	2.25	-	-	-	116,000	3200	<3000	-	115,000
	21/05/2015	A2-DUP	B542667	6.4	8.54	-	295.5	12.44	101	242.1	2.25	-	-	-	119,000	<3000	<3000	-	129,000
	28/05/2015	A2	B545872	4.3	8.2	-	194.4	10.7	82.3	271.5	7.7	-	-	-	111,000	<3000	<3000	-	127,000
	04/06/2015	A2	B547761	3.5	8.12	-	195.3	12.26	92.3	362.2	8.38	-	-	-	110,000	<15,000	<3000	-	125,000
	11/06/2015	A2	B549906	6.2	8.31	-	203.7	9.63	77.7	298.8	1.93	-	-	-	121,000	<3000	<3000	-	119,000
	23/07/2015	A2	B563471	6.1	8.31	-	239.9	11.39	91.6	356.5	0.1	-	-	-	139,000	4300	4100	-	138,000
	20/08/2015	A2	B572515	6.9	8.35	-	239.9	10.35	85	95.1	0.16	-	-	-	139,000	4700	4800	-	155,000
	27/08/2015	A2	B575103	6.2	8.32	-	252.7	10.97	88.5	163.4	0.38	-	-	-	141,000	4300	4900	-	156,000
	03/09/2015	A2	B577658	-	-	-	-	-	-	-	-	-	-	-	142,000	4300	4700	-	158,000
	10/09/2015	A2	B579637	5.6	8.31	-	249.9	10.91	86.8	150.3	1.13	-	-	-	137,000	5700	6200	-	160,000
	17/09/2015	A2	B582068	6.1	8.31	-	191.6	10.85	87.4	151.3	0.54	-	-	-	137,000	5300	5400	-	158,000
	12/05/2016	A2	B637198	3.4	8.48	-	190.8	12.59	94.6	221.7	2.35	-	-	-	124,000	<15,000	3100	-	126,000
	20/07/2018	A2	L2133661	12.25	8.47	210.6	278.1	9.08	100.6	51.8	-	129,000	4200	<1000	133,000	4980	4430	140,000	-
	09/11/2018	A2	L2195291	1.88	8.33	170	304.1	11.48	98.2	46.3	1.67	146,000	4600	<1000	150,000	6400	5640	174,000	-
	05/03/2019	A2	L2240838	-0.1	8.27	-	314.5	12.81	87.5	31.8	0.67	157,000	<1000	<1000	157,000	6250	5950	161,000	-
	17/06/2019	A2	L2295044	7.01	7.69	162.1	246.5	10.68	104	60.9	1.36	118,000	7000	<1000	125,000	3610	3440	133,000	-

Location Code	Sample Date	Sample ID	Lab Report Number	General Chemistry																																			
				Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL				0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life								Variable			3					Variable											150								Variable[#5]				
A1	14/05/2012	A1	B240844	164	<0.5	<0.5	<0.5	0.0084	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	0.072	-	-	<0.005	-	269	-	0.84	0.14	<0.01	-	-	-	8.3	-	8.73	149	-	52.1	8.82
	18/06/2012	A1	B252527	133	<0.5	<0.5	<0.5	0.0079	-	-	0.032	-	-	-	0.039	0.0065	-	-	-	0.0617	-	-	0.0074	-	219	-	0.64	0.12	<0.01	-	-	-	8.13	-	5.98	123	-	42.4	18.8
	23/07/2012	A1	B265706	159	<0.5	<0.5	<0.5	0.099	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0092	-	-	<0.005	-	264	-	0.9	0.16	<0.01	-	-	-	8.18	-	9.6	142	-	6	0.54
	25/08/2012	A1	B276408	177	<0.5	<0.5	<0.5	0.0073	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	296	-	1.4	0.18	<0.01	-	-	-	8.27	-	12.6	161	-	2.2	0.35
	17/09/2012	A1	B283851	182	2.03	<0.5	1.69	0.029	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	310	-	1.4	0.17	<0.01	-	-	-	8.35	-	13.7	158	-	1.1	0.17
	24/10/2012	A1	B297129	181	1	<0.5	0.83	0.025	-	-	-	-	<0.02	-	<0.02	<0.005	-	-	<0.02	<0.005	-	-	<0.005	-	311	-	1.1	0.18	<0.01	-	-	-	8.32	-	16.5	161	162	<1	0.13
	23/11/2012	A1	B2A7294	182	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.04	-	0.04	<0.005	-	-	0.04	<0.005	-	-	<0.005	-	311	-	1.6	0.16	<0.01	-	-	-	8.21	-	15	170	171	<1	0.24
	15/12/2012	A1	B2B4014	187	<0.5	<0.5	<0.5	<0.005	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	<0.005	-	-	<0.005	-	318	-	1.2	0.17	<0.01	-	-	-	8.26	-	16.6	177	-	1.3	1.06
	24/01/2013	A1	B306701	189	<0.5	<0.5	<0.5	0.011	-	-	0.045	-	-	-	0.045	<0.005	-	-	-	0.006	-	-	<0.005	-	322	-	1.5	0.15	<0.01	-	-	-	8.16	-	16.4	167	-	1.9	0.3
	24/01/2013	A1-DUP	B306701	188	<0.5	<0.5	<0.5	0.017	-	-	0.051	-	-	-	0.051	<0.005	-	-	-	0.0072	-	-	<0.005	-	325	-	1.6	0.15	<0.01	-	-	-	8.19	-	16	164	-	1.9	0.19
	20/02/2013	A1	B314188	192	<0.5	<0.5	<0.5	0.0063	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	<0.005	-	-	<0.005	-	328	-	1.6	0.16	<0.01	-	-	-	8.24	-	16.7	175	-	<1	0.11
	20/03/2013	A1	B322778	192	<0.5	<0.5	<0.5	0.012	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	<0.005	-	-	<0.005	-	328	-	1.7	0.16	<0.01	-	-	-	8.25	-	17.2	170	-	1.3	0.2
	17/04/2013	A1	B330896	193	<0.5	<0.5	<0.5	0.0072	-	-	0.035	-	-	-	0.035	<0.005	-	-	-	0.0123	-	-	<0.005	-	329	-	1.8	0.16	<0.01	-	-	-	8.14	-	18.6	175	-	7.6	1.63
	23/05/2013	A1	B341817	138	<0.5	<0.5	<0.5	0.019	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.134	-	-	0.0072	-	223	-	0.9	0.11	<0.01	-	-	-	8.16	-	7.34	133	-	101	37.8
	20/06/2013	A1	B351922	122	<0.5	<0.5	<0.5	0.036	-	-	0.05	-	-	-	0.056	0.0057	-	-	-	1.13	-	-	0.0134	-	204	-	1.6	0.12	<0.01	-	3.98	5.86	8.02	-	6.05	231	-	860	380
	17/07/2013	A1	B361290	171	<0.5	<0.5	<0.5	0.008	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0067	-	-	<0.005	-	291	-	1.1	0.17	<0.01	-	0.94	1.66	8.13	-	11.5	152	-	2.6	0.46
	26/08/2013	A1	B376191	184	2.23	<0.5	1.86	0.0087	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	311	-	1.3	0.16	<0.01	-	0.92	0.53	8.35	-	13.9	162	-	1.5	0.26
	25/09/2013	A1	B387669	185	2.05	<0.5	1.71	0.009	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	<0.005	-	-	<0.005	-	316	-	1	0.17	<0.01	-	1.03	1.36	8.33	-	15.4	163	-	1	0.29
	24/10/2013	A1	B399472	180	<0.5	<0.5	<0.5	0.011	-	-	0.025	-	-	-	0.025	<0.005	-	-	-	<0.005	-	-	<0.005	-	313	-	1.1	0.18	<0.01	-	0.81	0.99	8.18	-	16.7	177	-	<1	0.12
	20/11/2013	A1	B3A8665	197	<0.5	<0.5	<0.5	0.0055	-	-	0.067	-	-	-	0.067	<0.005	-	-	-	<0.005	-	-	<0.005	-	344	-	1.6	0.17	<0.01	-	0.57	<0.5	8.24	-	18	160	-	<1	0.23
	22/12/2013	A1	B3B7782	196	<0.5	<0.5	<0.5	0.018	-	-	0.091	-	-	-	0.091	<0.005	-	-	-	<0.005	-	-	<0.005	-	332	-	1.3	0.15	<0.01	-	<0.5	<0.5	8.25	-	17.3	167	-	<1	0.36
	22/12/2013	A1-DUP	B3B7782	193	<0.5	<0.5	<0.5	0.014	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	<0.005	-	-	<0.005	-	331	-	1.4	0.14	<0.01	-	<0.5	0.68	8.25	-	17.5	166	-	<1	0.26
	28/01/2014	A1	B407313	195	<0.5	<0.5	<0.5	0.0086	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	<0.005	-	-	<0.005	-	339	-	1.4	0.16	<0.01	-	<0.5	1.51	8.23	-	17.7	174	-	<1	0.27
	28/01/2014	A1-DUP	B407313	195	<0.5	<0.5	<0.5	0.0089	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	<0.005	-	-	<0.005	-	338	-	1.2	0.17	<0.01	-	<0.5	<0.5	8.27	-	17.9	173	-	<1	0.36
	27/02/2014	A1	B416171	193	<0.5	<0.5	<0.5	0.025	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	<0.005	-	-	<0.005	-	333	-	1.5	0.15	<0.01	-	1.18	1.3	8.3	-	18.2	175	-	<1	0.64
	27/03/2014	A1	B424928	187	1.79	<0.5	1.49	0.01	-	-	0.053	-	-	-	0.053	<0.005	-	-	-	<0.005	-	-	<0.005	-	330	-	2.5	0.15	<0.01	-	1.61	1.11	8.33	-	18.7	174	-	<1	0.16
	24/04/2014	A1	B432952	189	3.65	<0.5	3.04	0.0079	-	-	0.055	-	-	-	0.055	<0.005	-	-	-	0.007	-	-	<0.005	-	343	-	2.6	0.15	<0.01	-	0.98	0.58	8.4	-	18	183	-	3.6	1.34
	15/05/2014	A1	B439804	179	<0.5	<0.5	<0.5	0.06	-	-	0.074	-	-	-	0.074	<0.005	-	-	-	0.0296	-	-	<0.005	-	305	-	1.5	0.14	<0.01	-	1	1.98	8.28	-	14.7	164	-	22.9	4.4
	22/05/2014	A1	B442060	157	<0.5	<0.5	<0.5	0.013	-	-	0.12	-	-	-	0.12	<0.005	-	-	-	0.104	-	-	<0.005	-	255	-	0.83	0.12	<0.01	-	2.89	4.52	8.22	-	8.58	145	-	63.5	14.5
	29/05/2014	A1	B444272	147	<0.5	<0.5	<0.5	0.019	-	-	0.086	-	-	-	0.086	<0.005	-	-	-	0.037	-	-	0.0171	-	247	-	0.74	0.13	<0.01	-	2.2	2.61	8.24	-	9.14	133	-	18	8.25
	05/06/2014	A1	B446972	143	<0.5	<0.5	<0.5	0.015	-	-	-	-	-	-	0.056	-	-	-	-	0.0094	-	-	0.0077	-	238	-	1.1	0.13	<0.01	-	0.9	1.59	8.18	-	7.13	127	-	15.2	6.49
	12/06/2014	A1	B449500	149	<0.5	<0.5	<0.5	0.013	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	0.0194	-	-	0.0065	-	244	-	0.7	0.14	<0.01	-	<0.5	1.2	8.26	-	7.64	132	-	11.8	2.48
	24/07/2014	A1	B464009	176	<0.5	<0.5	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	292	-	1.1	0.17	<0.01	-	1.61	<0.5	8.27	-	12.4	163	-	1.3	0.26
	21/08/2014	A1	B474408	183	1.96	<0.5	1.63	0.0093	-	-	0.028	-	-	-	0.028	<0.005	-	-	-	<0.005	-	-	<0.005	-	311	-	1.1	0.16	<0.01	-	0.58	1.55	8.34	-	13.8	161	-	<1	0.18
	28/08/2014	A1	B476541	182	0.77	<0.5	0.64	0.028	-	-	0.028	-	-	-	0.028	<0.005	-	-	-	<0.005	-	-	<0.005	-	306	-	1.1	0.17	<0.01	-	<0.5	1.77	8.3	-	14.3	156	-	<1	0.31
	05/09/2014	A1	B479164	181	0.68	<0.5	0.57	0.0096	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	<0.005	-	-	<0.005	-	298	-	0.76	0.16	<0.01	-	0.77	1.43	8.3	-	14.8	159	-	1.5	0.22
	12/09/2014	A1	B481292	180	<0.5	<0.5	<0.5	0.033	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	<0.005	-	-	<0.005	-	298	-	1.3	0.16	<0.01	-	<0.5	1.77	8.27	-	13.4	197	-	<1	0.15
	18/09/2014	A1	B483962	173	2.02	<0.5	1.68	0.012	-	-	0.024	-	-	-	0.024	<0.005	-	-	-	<0.005	-	-	<0.005	-	294	-	0.78	0.18	<0.01	-	<0.5	3.04	8.34	-	14.3	167	-	<1	0.27
	30/10/2014	A1	B499587	186	<0.5	<0.5	<0.5	0.008	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	<0.005	-	-	<0.005	-	310	-	1.2	0.15	<0.01	-	0.8	0.82	8.25	-	16.3	163	-	<1	0.12
	28/11/2014	A1	B4A9093	165	<0.5	<0.5	<0.5	<0.005	-	-	0.079	-	-	-	0.079	<0.005	-	-	-	0.0119	-	-	<0.005	-	294	-	1.2	0.15	<0.01	-	1.68	1.71	8.18	-	15.2	161	-	7.3	0.42
	18/12/2014	A1	B4B5326	194	<0.5	<0.5	<0.5	0.014	-	-	0.067	-	-	-	0.067	<0.005	-	-	-	<0.005	-	-	<0.005	-	323	-	1.7	0.15	<0.01	-	0.83	<0.5	8.27	-	15.8	161	-	<1	0.11
	22/01/2015	A1	B505986	189	<0.5	<0.5	<0.5	0.0063	-	-	0.073	-	-	-	0.073	<0.005	-	-	-	0.0056	-	-	<0.005	-	325	-	1	0.16	<0.01	-	<0.5	0.7	8.24	-	16.2	183	-	4.3	0.18
	27/02/2015	A1	B516449	199	0.7	<0.5	0.58	0.0056	-	-	-	-	0.047	-	0.047	<0.005	-	-	-	<0.005	-	-	<0.005	-	341	-	1.5	0.14	<0.01	-	0.58	<0.5	8.31	-	17.1	180	181	<1	0.12
	26/03/2015	A1	B525184	187	<0.5	<0.5	<0.5	0.016	-	-	-	-	0.054	-	0.054	<0.005	-	-	-	0.0094	-	-	0.0088	-	339	-	1.8	0.15	<0.01	-	1.05	0.87	8.22	-	16.6	175	179	2	0.5
	26/03/2015	A1-DUP	B525184	189	<0.5	<0.5	<0.5	0.019	-	-	-	-	0.051	-	0.051	<0.005	-	-	-	0.0461	-	-	<0.005	-	337	-	1.8	0.15	<0.01	-	1.03	0.62	8.27	-	16.4	175	184	1.4	<0.1
	23/04/2015	A1	B533584	168	<0.5	<0.5	<0.5	0.011	-	-	0.055	-	-	-	0.061	0.0051	-	-	-	0.0445	-	-	0.0061	-	287	-	1.3	0.14	<0.01	-	1.21	1.29	8.16	-	11.6	156	-	31.9	2.49
	15/05/2015	A1	B540628	168	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0104	-	-	<0.005	-	287	-	0.55	0.15	<0.01	-	1.42	1.31	8.27	-	11.5	156	-	29.8	0.56
	21/05/2015	A1	B542667	153	<0.5	<0.5	<0.5	0.033	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0092	-	-	<0.005	-	264	-	0.74	0.14	<0.01	-	0.86	0.51	8.08	-	9.44	141	-	8.1	0.57
	28/05/2015	A1	B545872	143	<0.5	<0.5	<0.5	0.0086	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	0.0286	-	-	<0.005	-	246	-	0.94	0.12	<0.01	-	1.18	1.17	8.03	-	7.94	134	-	20.6	3.25
	04/06/2015	A1	B547761	145	<0.5	<0.5	<0.5	0.0085	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	0.0438	-	-	<0.005	-	243	-	<0.5	0.13	<0.01	-	1.89	1.65	8.15	-	6.53	130	-	28.5	4.9
	11/06/2015	A1	B549906	157	<0.5	<0.5	<0.5	0.014	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	0.0127	-	-	<0.005	-	259	-	<0.5	0.15	<0.01	-	0.95	0.75	8.11	-	9.27	145	-	3.3	0.64
	23/07/2015	A1	B563471	182	1.81	<0.5	1.51	0.0092	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	<0.005	-	-	<0.005	-	309	-	1.1	0.17	<0.01	-	2.41	<0.5	8.37	-	14.1	159	-	1.4	0.2
	20/08/2015	A1	B572515	186	<0.5	<0.5	<0.5	0.0087	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	<0.005	-	-	<0.005	-	315	-	1.1	0.17	<0.01	-	<0.5	<0.5	8.17	-	14.1	173	-	<1	0.17
	27/08/2015	A1	B575103	186	<0.5	<0.5	<0.5	0.019	-	-	0.028	-	-	-	0.028	<0.005	-	-	-	<0.005	-	-	<0.005	-	317	-	0.96	0.16	<0.01	-	0.56	0.61	8.19	-	14.6	167	-	<1	0.87
	03/09/2015	A1	B577658	179	3.04	<0.5	2.53	0.0082	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0125	-	-	<0.005	-	309	-	1.4	0.17	<0.01	-	0.51	0.52	8.39	-	14.7	168	-	3.2	2.39
	10/09/2015	A1	B579637	175	<0.5	<0.5	<0.5	0.011	-	-	0.044	-	-	-	0.044	<0.005	-	-	-	<0.005	-	-	<0.005	-	302	-	1.1	0.18	<0.01	-	<0.5	1	8.18	-	15.6	174	-	1.2	0.24
	17/09/2015	A1	B582068	174	1.21	<0.5	1.01	0.011	-	-	0.033	-	-	-	0.033	<0.005	-	-	-	<0.005	-	-	<0.005	-	312	-	1.4	0.16	<0.01	-	0.61	<0.5	-	-	14.9	173	-	<1	0.28
	12/05/2016	A1	B637198	156	<0.5	<0.5	<0.5	0.015	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	0.009	-	-	<0.005	-	258	-	0.82	0.16	<0.01	-	1.5	<0.5	8.21	-	14.9	132	-	7.6	1.21
	20/07/2018	A1	L2133661	-	-	-	-	-	0.007	<0.05	0.007	-	-	-	0.007	<0.001	-	-	-	<0.05 - 0.0037	<0.05	-	-	0.0013	294	0.63	-	0.176	<0.05	-	0.75	0.97	8.49	14.1	-	-	-	<3	0.47
	09/11/2018	A1	L2195291	-	-	-	-	-	0.0054	0.054	0.0455	-	-	-	0.0455	<0.001	-	-	-	<0.05 - 0.0043	<0.05	-	-	<0.001	314	0.76	-	0.171	<0.05	-	0.79	0.63	8.39	18.4	-	-	-	<3	0.65
	04/03/2019	A1	L2240838	-	-	-	-	-	0.0066	<0.05	0.0788	-	-	-	0.0788	<0.001	-	-	-	<0.05 - 0.0039	<0.05	-	-	0.0011	342	1.11	-	0.165	<0.05	-	0.55	<0.5	8.31	19.7	-	-	-	<3	0.27
	04/03/2019	A1-DUP	L2240838	-	-	-	-	-	<0.005	<0.05	0.0761	-	-	-	0.0761	<0.001	-	-	-	<0.05 - 0.0045	<0.05	-	-	0.0012	349	1.1	-	0.162	<0.05	-	0.74	0.62	8.25	19.7	-	-	-	<3	0.28
	18/06/2019	A1	L2295044	-	-	-	-	-	0.047	0.09	0.0194	-	-	-	0.0194	<0.001	-	-	-	<0.05 - 0.0061	<0.05	-	-	<0.001	268	<0.5	-	0.178	<0.05	-	1	0.84	8.46	11.8	-	-	-	4.1	0.6
A2	15/05/2012	A2	B240844	150	<0.5	<0.5	<0.5	0.0062	-	-	0.097	-	-	-	0.097	<0.005	-	-	-	0.0749	-	-	0.0059	-	240	-	0.59	0.12	<0.01	-	-	-	8.13	-	7.17	137	-	54	9
	18/06/2012	A2	B252527	129	<0.5	<0.5	<0.5	0.007	-	-	0.036	-	-	-	0.043	0.0066	-	-	-	0.0695	-	-	0.0074	-	208	-	<0.5	0.12	<0.01	-	-	-	8.1	-	4.84	116	-	47.3	15.3
	24/07/2012	A2	B265706	150	<0.5	<0.5	<0.5	0.43	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0093	-	-	<0.005	-	246	-	<0.5	0.17	<0.01	-	-	-	8.19	-	8.51	130	-	3.9	0.41
	25/08/2012	A2	B276408	163	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	276	-	0.56	0.19	<0.01	-	-	-	8.26	-	11.1	153	-	1.9	0.2
	17/09/2012	A2	B283851	171	<0.5	<0.5	<0.5	0.012	-	-	0.034	-	-	-	0.034	<0.005	-	-	-	<0.005	-	-	<0.005	-	284	-	0.8	0.18	<0.01	-	-	-	8.14	-	12.7	151	-	<1	0.13
	24/10/2012	A2	B297129	169	1.57	<0.5	1.31	0.018	-	-	-	-	0.048	-	0.048	<0.005	-	-	0.048	<0.005	-	-	<0.005	-	292	-	<0.5	0.18	<0.01	-	-	-	8.36	-	15.3	151	156	<1	0.11
	24/10/2012	A2-DUP	B297129	170	<0.5	<0.5	<0.5	0.0099	-	-	-	-	0.047	-	0.047	<0.005	-	-	0.047	<0.005	-	-	<0.005	-	293	-	<0.5	0.18	<0.01	-	-	-	8.31	-	14.7	153	153	<1	<0.1
	24/11/2012	A2	B2A7294	172	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.041	-	0.041	<0.005	-	-	0.041	<0.005	-	-	<0.005	-	291	-	0.64	0.16	<0.01	-	-	-	8.21	-	14.8	166	162	<1	0.21
	15/12/2012	A2	B2B4014	175	<0.5	<0.5	<0.5	<0.005	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	<0.005	-	-	<0.005	-	299	-	<0.5	0.18	<0.01	-	-	-	8.24	-	15	167	-	<1	0.14
	25/01/2013	A2	B306701	179	<0.5	<0.5	<0.5	0.015	-	-	0.064	-	-	-	0.064	<0.005	-	-	-	<0.005	-	-	<0.005	-	306	-	0.83	0.16	<0.01	-	-	-	8.14	-	14.8	160	-	<1	<0.1
	20/02/2013	A2	B314188	175	<0.5	<0.5	<0.5	0.016	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	<0.005	-	-	<0.005	-	295	-	0.84	0.16	<0.01	-	-	-	8.09	-	15.9	163	-	<1	<0.1
	20/03/2013	A2	B322778	182	<0.5	<0.5	<0.5	0.019	-	-	0.06	-	-	-	0.06	<0.005	-	-	-	<0.005	-	-	<0.005	-	308	-	0.84	0.16	<0.01	-	-	-	8.22	-	16.1	165	-	<1	0.13
	17/04/2013	A2	B330896	180	<0.5	<0.5	<0.5	0.0054	-	-	0.054	-	-	-	0.054	<0.005	-	-	-	<0.005	-	-	<0.005	-	304	-	0.87	0.16	<0.01	-	-	-	8.3	-	17.1	157	-	1.4	0.18
	23/05/2013	A2	B341817	131	<0.5	<0.5	<0.5	0.035	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.139	-	-	0.0104	-	211	-	0.67	0.1	<0.01	-	-	-	8.21	-	6.16	117	-	100	19.3
	20/06/2013	A2	B351922	114	<0.5	<0.5	<0.5	0.04	-	-	0.052	-	-	-	0.059	0.0069	-	-	-	1.06	-	-	0.0139	-	184	-	0.79	0.11	<0.01	-	3.88	4.6	8.07	-	3.84	188	-	739	372
	17/07/2013	A2	B361290	160	<0.5	<0.5	<0.5	0.0061	-	-	0.034	-	-	-	0.034	<0.005	-	-	-	0.0072	-	-	<0.005	-	263	-	0.51	0.17	<0.01	-	<0.5	1.78	8.13	-	10.1	135	-	2.6	0.29
	26/08/2013	A2	B376191	173	<0.5	<0.5	<0.5	0.0076	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0056	-	-	<0.005	-	284	-	0.64	0.16	<0.01	-	0.83	1.08	8.28	-	12.7	151	-	1.4	<0.1
	25/09/2013	A2	B387669	171	0.84	<0.5	0.7	0.0076	-	-	0.059	-	-	-	0.059	<0.005	-	-	-	<0.005	-	-	<0.005	-	289	-	<0.5	0.18	<0.01	-	0.68	0.75	8.3	-	14.2	152	-	1.2	0.29
	24/10/2013	A2	B399472	166	<0.5	<0.5	<0.5	0.012	-	-	0.035	-	-	-	0.035	<0.005	-	-	-	<0.005	-	-	<0.005	-	291	-	0.57	0.19	<0.01	-	0.76	2.12	8.26	-	16.2	163	-	<1	0.13
	20/11/2013	A2	B3A8665	173	<0.5	<0.5	<0.5	0.006	-	-	0.058	-	-	-	0.058	<0.005	-	-	-	0.0192	-	-	<0.005	-	305	-	0.97	0.17	<0.01	-	1.03	<0.5	8.2	-	15.9	146	-	7.7	0.23
	22/12/2013	A2	B3B7782	178	<0.5	<0.5	<0.5	0.013	-	-	0.077	-	-	-	0.077	<0.005	-	-	-	0.0059	-	-	<0.005	-	302	-	0.8	0.17	<0.01	-	<0.5	0.59	8.16	-	23.3	157	-	<1	0.28
	28/01/2014	A2	B407313	178	<0.5	<0.5	<0.5	0.01	-	-	0.076	-	-	-	0.076	<0.005	-	-	-	<0.005	-	-	<0.005	-	309	-	<0.5	0.16	<0.01	-	<0.5	0.83	8.26	-	17.1	163	-	6.2	0.24
	26/02/2014	A2	B416171	183	<0.5	<0.5	<0.5	0.013	-	-	0.075	-	-	-	0.075	<0.005	-	-	-	<0.005	-	-	<0.005	-	318	-	0.78	0.14	<0.01	-	1.26	1.28	8.29	-	16.8	165	-	<1	0.22
	27/03/2014	A2	B424928	177	1.31	<0.5	1.09	0.009	-	-	0.069	-	-	-	0.069	<0.005	-	-	-	<0.005	-	-	<0.005	-	303	-	1.7	0.15	<0.01	-	0.96	0.53	8.32	-	18.1	160	-	<1	0.2
	24/04/2014	A2	B432952	173	2.63	<0.5	2.19	0.006	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	<0.005	-	-	<0.005	-	312	-	<0.5	0.15	<0.01	-	0.71	0.57	8.37	-	16.7	167	-	1.3	0.35
	15/05/2014	A2	B439804	166	<0.5	<0.5	<0.5	0.041	-	-	0.097	-	-	-	0.097	<0.005	-	-	-	0.0387	-	-	<0.005	-	282	-	<0.5	0.13	<0.01	-	<0.5	1.25	8.25	-	13.2	150	-	24.5	2.65
	22/05/2014	A2	B442060	148	<0.5	<0.5	<0.5	0.011	-	-	0.128	-	-	-	0.128	<0.005	-	-	-	0.123	-	-	0.005	-	239	-	0.5	0.11	<0.01	-	2.27	2.65	8.21	-	7.18	132	-	44	12.3
	29/05/2014	A2	B444272	137	<0.5	<0.5	<0.5	0.012	-	-	0.094	-	-	-	0.094	<0.005	-	-	-	0.0401	-	-	0.0171	-	230	-	<0.5	0.13	<0.01	-	2.3	2.17	8.21	-	7.38	125	-	22.3	7.82
	05/06/2014	A2	B446972	135	<0.5	<0.5	<0.5	0.016	-	-	-	-	-	-	0.063	-	-	-	-	<0.005	-	-	0.0085	-	221	-	<0.5	0.12	<0.01	-	1.49	1.24	8.16	-	5.73	118	-	14.5	6.19
	05/06/2014	A2-DUP	B446972	134	<0.5	<0.5	<0.5	0.013	-	-	-	-	-	-	0.064	-	-	-	-	0.0167	-	-	0.0086	-	220	-	0.67	0.12	<0.01	-	1.03	1.4	8.14	-	5.77	120	-	16.5	6.05
	12/06/2014	A2	B449500	142	<0.5	<0.5	<0.5	0.026	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	0.0264	-	-	0.0074	-	229	-	<0.5	0.13	<0.01	-	1.7	2.35	8.23	-	6.63	128	-	14.6	2.05
	24/07/2014	A2	B464009	161	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	267	-	<0.5	0.18	<0.01	-	0.98	0.56	8.25	-	11.2	147	-	1.4	0.2
	21/08/2014	A2	B474408	172	<0.5	<0.5	<0.5	0.015	-	-	0.032	-	-	-	0.032	<0.005	-	-	-	<0.005	-	-	<0.005	-	285	-	0.52	0.17	<0.01	-	1.03	<0.5	8.28	-	12	152	-	<1	0.13
	28/08/2014	A2	B476541	168	<0.5	<0.5	<0.5	0.02	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	<0.005	-	-	<0.005	-	280	-	0.54	0.18	<0.01	-	<0.5	1.46	8.29	-	13.3	147	-	<1	0.21
	05/09/2014	A2	B479164	166	<0.5	<0.5	<0.5	0.014	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	<0.005	-	-	<0.005	-	275	-	1.2	0.17	<0.01	-	0.72	1.69	8.3	-	13.6	147	-	1.8	0.29
	12/09/2014	A2	B481292	166	<0.5	<0.5	<0.5	0.026	-	-	0.045	-	-	-	0.045	<0.005	-	-	-	<0.005	-	-	<0.005	-	275	-	0.75	0.16	<0.01	-	1.64	0.67	8.29	-	12.4	172	-	1.2	0.22
	18/09/2014	A2	B483962	162	1.55	<0.5	1.29	0.011	-	-	0.024	-	-	-	0.024	<0.005	-	-	-	<0.005	-	-	<0.005	-	272	-	<0.5	0.19	<0.01	-	0.86	1.3	8.32	-	13.1	150	-	<1	0.17
	30/10/2014	A2	B499587	172	<0.5	<0.5	<0.5	0.017	-	-	0.03	-	-	-	0.03	<0.005	-	-	-	<0.005	-	-	<0.005	-	283	-	0.54	0.16	<0.01	-	0.86	0.54	8.28	-	16.8	145	-	<1	0.15
	27/11/2014	A2	B4A9093	165	<0.5	<0.5	<0.5	0.012	-	-	0.062	-	-	-	0.062	<0.005	-	-	-	<0.005	-	-	<0.005	-	286	-	0.92	0.16	<0.01	-	1.81	1.39	8.13	-	14.7	153	-	<1	0.15
	18/12/2014	A2	B4B5326	180	<0.5	<0.5	<0.5	0.009	-	-	0.083	-	-	-	0.083	<0.005	-	-	-	0.0075	-	-	<0.005	-	300	-	0.76	0.16	<0.01	-	0.65	0.52	8.27	-	14.9	151	-	<1	0.13
	18/12/2014	A2-DUP	B4B5326	178	<0.5	<0.5	<0.5	0.024	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	<0.005	-	-	<0.005	-	300	-	0.72	0.16	<0.01	-	0.5	<0.5	8.22	-	15.5	149	-	<1	0.15
	22/01/2015	A2	B505986	177	<0.5	<0.5	<0.5	0.0095	-	-	0.059	-	-	-	0.059	<0.005	-	-	-	<0.005	-	-	<0.005	-	300	-	0.67	0.16	<0.01	-	0.62	0.55	8.23	-	15.1	168	-	<1	<0.1
	27/02/2015	A2	B516449	184	<0.5	<0.5	<0.5	0.0056	-	-	-	-	0.076	-	0.076	<0.005	-	-	-	<0.005	-	-	<0.005	-	310	-	<0.5	0.14	<0.01	-	1.22	<0.5	8.26	-	15.4	163	165	<1	0.26
	26/03/2015	A2	B525184	174	<0.5	<0.5	<0.5	0.009	-	-	-	-	0.081	-	0.081	<0.005	-	-	-	0.0372	-	-	<0.005	-	309	-	<0.5	0.15	<0.01	-	0.93	1.07	8.2	-	15.4	161	164	<1	0.15
	23/04/2015	A2	B533584	158	<0.5	<0.5	<0.5	0.0079	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	0.0314	-	-	<0.005	-	267	-	0.53	0.13	<0.01	-	2.52	3.09	8.28	-	10.3	134	-	19	2.61
	15/05/2015	A2	B540628	163	<0.5	<0.5	<0.5	0.016	-	-	0.025	-	-	-	0.025	<0.005	-	-	-	0.0058	-	-	<0.005	-	271	-	<0.5	0.15	<0.01	-	1.42	0.53	8.29	-	10.5	145	-	3	0.38
	21/05/2015	A2	B542667	142	<0.5	<0.5	<0.5	0.027	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0112	-	-	<0.005	-	245	-	0.59	0.13	<0.01	-	1.52	0.92	8.2	-	8.44	129	-	6.7	0.54
	21/05/2015	A2-DUP	B542667	145	<0.5	<0.5	<0.5	0.033	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0126	-	-	<0.005	-	245	-	<0.5	0.15	<0.01	-	1.24	1.37	8.19	-	7.75	126	-	5.6	0.52
	28/05/2015	A2	B545872	135	<0.5	<0.5	<0.5	0.0052	-	-	0.049	-	-	-	0.049	<0.005	-	-	-	0.0353	-	-	<0.005	-	230	-	<0.5	0.12	<0.01	-	0.81	1.53	8.06	-	6.54	125	-	18.1	2.58
	04/06/2015	A2	B547761	134	<0.5	<0.5	<0.5	0.016	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.0313	-	-	<0.005	-	231	-	<0.5	0.12	<0.01	-	1.73	1.6	7.93	-	5.67	124	-	24	2.55
	11/06/2015	A2	B549906	147	<0.5	<0.5	<0.5	0.01	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0153	-	-	<0.005	-	242	-	<0.5	0.15	<0.01	-	1.26	<0.5	8.22	-	8.32	128	-	6	1.04
	23/07/2015	A2	B563471	170	<0.5	<0.5	<0.5	0.0093	-	-	0.033	-	-	-	0.033	<0.005	-	-	-	<0.005	-	-	<0.005	-	285	-	0.52	0.17	<0.01	-	1.57	1.4	8.26	-	13.1	148	-	1.3	0.21
	20/08/2015	A2	B572515	169	<0.5	<0.5	<0.5	0.0093	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	<0.005	-	-	<0.005	-	292	-	<0.5	0.18	<0.01	-	<0.5	<0.5	8.18	-	13.5	157	-	<1	0.17
	27/08/2015	A2	B575103	172	<0.5	<0.5	<0.5	0.017	-	-	0.052	-	-	-	0.052	<0.005	-	-	-	<0.005	-	-	<0.005	-	295	-	<0.5	0.17	<0.01	-	<0.5	<0.5	8.17	-	13.4	151	-	<1	0.21
	03/09/2015	A2	B577658	170	1.94	<0.5	1.62	0.012	-	-	0.055	-	-	-	0.055	<0.005	-	-	-	<0.005	-	-	<0.005	-	295	-	<0.5	0.18	<0.01	-	<0.5	<0.5	8.37	-	13.9	156	-	<1	0.49
	10/09/2015	A2	B579637	167	<0.5	<0.5	<0.5	0.034	-	-	0.051	-	-	-	0.051	<0.005	-	-	-	<0.005	-	-	<0.005	-	289	-	0.74	0.19	<0.01	-	<0.5	0.85	8.25	-	16.2	154	-	1.1	0.31
	17/09/2015	A2	B582068	167	<0.5	<0.5	<0.5	0.026	-	-	0.057	-	-	-	0.057	<0.005	-	-	-	0.0067	-	-	<0.005	-	292	-	0.86	0.17	<0.01	-	<0.5	<0.5	-	-	16.2	154	-	<1	0.13
	12/05/2016	A2	B637198	151	<0.5	<0.5	<0.5	0.017	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	0.01	-	-	<0.005	-	248	-	0.62	0.15	<0.01	-	<0.5	1.08	8.25	-	10.4	127	-	4	1.03
	20/07/2018	A2	L2133661	-	-	-	-	-	<0.005	<0.05	0.0133	-	-	-	0.0133	<0.001	-	-	-	<0.05 - 0.0053	<0.05	-	-	0.001	276	<0.5	-	0.181	<0.05	-	0.62	0.74	8.46	13.3	-	-	-	<3	0.37
	09/11/2018	A2	L2195291	-	-	-	-	-	0.0074	0.051	0.0471	-	-	-	0.0471	<0.001	-	-	-	<0.05 - 0.0028	<0.05	-	-	0.0012	301	<0.5	-	0.177	<0.05	-	<0.5	0.51	8.36	18	-	-	-	<3	0.17
	05/03/2019	A2	L2240838	-	-	-	-	-	0.0073	<0.05	0.0667	-	-	-	0.0667	<0.001	-	-	-	<0.05 - 0.0028	<0.05	-	-	<0.001	319	<0.5	-	0.157	<0.05	-	<0.5	<0.5	8.27	18.5	-	-	-	<3	0.23
	17/06/2019	A2	L2295044	-	-	-	-	-	<0.005	0.114	0.0329	-	-	-	0.0329	<0.001	-	-	-	<0.05 - 0.0044	<0.05	-	-	<0.001	252	<0.5	-	0.183	<0.05	-	0.82	0.86	8.42	10.3	-	-	-	4.5	0.8

Location Code	Sample Date	Sample ID	Lab Report Number	Metals																					
				Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Aluminium (Filtered) Averaged	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)
				ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				3000	0.2	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life						50	50											1200			Variable[#8]				
A1	14/05/2012	A1	B240844	-	167	3.95	-	0.037	0.034	0.29	0.147	64.8	55.3	0.023	<0.01	<0.005	<0.005	<50	<50	0.069	0.009	42,000	39,600	-	-
	18/06/2012	A1	B252527	-	138	4.51	-	0.039	0.032	0.243	0.103	50.2	41.9	0.021	<0.01	<0.005	<0.005	<50	<50	0.0464	0.0084	35,200	35,600	-	-
	23/07/2012	A1	B265706	-	37.9	9.77	-	0.029	0.038	0.168	0.151	54.8	54.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.008	39,900	39,800	-	-
	25/08/2012	A1	B276408	-	15.3	7.74	-	0.029	0.026	0.097	0.12	64.7	63.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.007	45,300	45,000	-	-
	17/09/2012	A1	B283851	-	5.96	1.04	-	0.029	0.024	0.087	0.108	64.1	69.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.044	0.005	44,600	46,900	-	-
	24/10/2012	A1	B297129	-	3.48	0.97	-	0.027	0.027	0.115	0.121	63.7	66.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	45,000	45,300	-	-
	23/11/2012	A1	B2A7294	-	6.37	1.39	-	0.029	0.028	0.094	0.098	60.9	61.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	<0.005	48,500	48,800	-	-
	15/12/2012	A1	B2B4014	-	7.54	0.85	-	0.025	0.028	0.122	0.102	67.7	68.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	47,300	48,900	-	-
	24/01/2013	A1	B306701	-	8.56	1.03	-	0.028	0.026	0.161	0.161	69.5	67.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	<0.005	46,900	43,400	-	-
	24/01/2013	A1-DUP	B306701	-	8.08	2.15	-	0.026	0.028	0.122	0.108	71.1	64.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	46,000	52,800	-	-
	20/02/2013	A1	B314188	-	10.6	0.74	-	0.025	0.028	0.105	0.095	70	68.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	48,900	46,500	-	-
	20/03/2013	A1	B322778	-	8.02	1.34	-	0.026	0.027	0.11	0.075	70.9	70	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.007	46,400	50,300	-	-
	17/04/2013	A1	B330896	-	40.9	1.26	-	0.031	0.028	0.134	0.1	72.1	74.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.005	48,100	46,700	-	-
	23/05/2013	A1	B341817	-	248	5.46	-	0.048	0.03	0.425	0.112	63.4	45.5	0.04	<0.01	<0.005	<0.005	<50	<50	0.084	0.006	37,900	32,300	-	-
	20/06/2013	A1	B351922	-	2310	9.6	-	0.115	0.046	2.01	0.228	266	45.3	0.503	<0.01	0.005	<0.005	<50	<50	0.862	0.012	66,900	29,200	-	-
	17/07/2013	A1	B361290	-	2.04	10.9	-	0.027	0.029	0.132	0.108	56.6	57.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.009	43,200	39,100	-	-
	26/08/2013	A1	B376191	-	7.95	2.02	-	0.033	0.032	0.129	0.134	70.3	69	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	44,000	48,500	-	-
	25/09/2013	A1	B387669	-	6.56	1.26	-	0.029	0.028	0.116	0.107	67.7	57.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	45,100	43,100	-	-
	24/10/2013	A1	B399472	-	2.43	0.65	-	0.021	0.036	0.104	0.11	65.3	67.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	50,000	47,900	-	-
	20/11/2013	A1	B3A8665	-	15.3	1.93	-	0.038	0.033	0.115	0.111	69.4	70.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.01	41,700	54,000	-	-
	22/12/2013	A1	B3B7782	-	8	1.72	-	0.031	0.03	0.113	0.1	69.9	66.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	<0.005	46,500	45,000	-	-
	22/12/2013	A1-DUP	B3B7782	-	6.1	<0.5	-	0.033	0.03	0.111	0.096	70.8	66.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	45,700	45,700	-	-
	28/01/2014	A1	B407313	-	4.66	0.66	-	0.029	0.029	0.09	0.095	75.3	72.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	48,900	51,900	-	-
	28/01/2014	A1-DUP	B407313	-	6.11	0.6	-	0.029	0.027	0.105	0.11	73.6	73.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	48,100	48,400	-	-
	27/02/2014	A1	B416171	-	3.41	0.55	-	0.026	0.029	0.106	0.1	70.4	69.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	48,600	47,700	-	-
	27/03/2014	A1	B424928	-	2.36	<0.5	-	0.032	0.03	0.107	0.105	73.7	73.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	47,700	49,300	-	-
	24/04/2014	A1	B432952	-	29	1.7	-	0.033	0.066	0.143	0.112	72	71.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.006	50,900	53,200	-	-
	15/05/2014	A1	B439804	-	146	4.05		0.041	0.038	0.225	0.127	65.8	62.4	0.019	<0.01	<0.005	<0.005	<50	<50	0.034	0.007	44,900	45,000	-	-
	22/05/2014	A1	B442060	-	275	5.59		0.036	0.034	0.381	0.144	68.2	52.5	0.044	<0.01	0.006	<0.005	<50	<50	0.08	0.006	41,600	38,900	-	-
	29/05/2014	A1	B444272	-	104	5.47	na	0.04	0.044	0.214	0.146	51.5	45.9	0.02	<0.01	<0.005	<0.005	<50	<50	0.03	0.006	37,700	35,900	-	-
	05/06/2014	A1	B446972	-	127	4.43		0.029	0.034	0.215	0.134	49	43.3	0.012	<0.01	<0.005	<0.005	<50	<50	0.021	0.006	35,300	33,100	-	-
	12/06/2014	A1	B449500	-	74.6	7.76		0.029	0.035	0.155	0.127	49.3	48.1	<0.01	<0.01	<0.005	0.006	<50	<50	0.015	0.007	38,200	38,100	-	-
	24/07/2014	A1	B464009	-	11.2	1.57	-	0.033	0.035	0.112	0.123	61.4	59.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.006	45,100	44,100	-	-
	21/08/2014	A1	B474408	-	7.02	2.47		0.028	0.04	0.132	0.125	65.4	67.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.009	0.008	44,400	45,000	-	-
	28/08/2014	A1	B476541	-	6.68	3.86		0.029	0.035	0.132	0.106	64.5	66.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	43,600	43,600	-	-
	05/09/2014	A1	B479164	-	6.12	1.62	na	0.031	0.032	0.121	0.078	64.3	69.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.009	44,500	45,400	-	-
	12/09/2014	A1	B481292	-	5.49	2.07		0.027	0.026	0.104	0.114	59.2	59.9	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	55,700	49,500	-	-
	18/09/2014	A1	B483962	-	8.22	1.93		0.028	0.026	0.12	0.112	62.4	60.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	46,700	45,500	-	-
	30/10/2014	A1	B499587	-	1.87	1.62	-	0.032	0.031	0.093	0.092	62.2	71.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	45,100	49,500	-	-
	28/11/2014	A1	B4A9093	-	35.4	3.21	-	0.028	0.034	0.126	0.113	66.4	64.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0125	0.0068	44,500	43,200	-	-
	18/12/2014	A1	B4B5326	-	5.51	2.9	-	0.03	0.032	0.074	0.102	65.5	68.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0064	0.006	45,700	47,200	-	-
	22/01/2015	A1	B505986	-	12.2	1.38	-	0.03	0.033	0.123	0.1	72.5	71.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.009	0.006	50,000	47,000	-	-
	27/02/2015	A1	B516449	5800	2.34	0.81	-	0.043	0.037	0.083	0.073	69.8	69.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0061	0.005	50,800	50,700	-	-
	26/03/2015	A1	B525184	6100	14	1.49	-	0.03	0.032	0.087	0.092	68.5	71.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0074	0.0096	49,400	49,100	-	-
	26/03/2015	A1-DUP	B525184	5900	13.3	1.21	-	0.026	0.029	0.086	0.101	68	68.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0072	0.0053	48,700	51,600	-	-
	23/04/2015	A1	B533584	-	196	2.85	-	<0.05	0.031	0.246	0.113	64.7	57.5	0.019	<0.01	<0.02	<0.005	<50	<10	0.03	<0.005	43,800	40,800	-	-
	15/05/2015	A1	B540628	-	51.9	1.33		0.026	0.045	0.112	0.119	60.8	57.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0131	0.0067	43,700	45,900	-	-
	21/05/2015	A1	B542667	-	95.1	2.47		0.027	0.032	0.136	0.129	55.7	48.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.013	0.006	38,400	37,800	-	-
	28/05/2015	A1	B545872	-	135	2.7	na	0.033	0.042	0.201	0.108	51.8	49.2	0.013	<0.01	<0.005	<0.005	<10	<10	0.026	0.005	38,500	38,200	-	-
	04/06/2015	A1	B547761	-	282	6.79		<0.05	0.033	0.267	0.114	50.2	44.4	0.022	<0.01	<0.02	<0.005	<50	<10	0.0301	0.0051	36,900	37,100	-	-
	11/06/2015	A1	B549906	-	65	16.5		0.032	0.028	0.16	0.136	51.4	49.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0117	0.0063	41,500	37,800	-	-
	23/07/2015	A1	B563471	-	8.78	1.23	-	0.03	0.027	0.145	0.117	61	61.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0065	0.0051	43,800	43,000	-	-
	20/08/2015	A1	B572515	-	4.17	1.11		0.032	0.033	0.106	0.091	69.5	71	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	48,400	46,900	-	-
	27/08/2015	A1	B575103	-	21.2	1.6		0.04	0.034	0.138	0.114	72.6	71.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.006	47,600	46,500	-	-
	03/09/2015	A1	B577658	-	121	1.98	na	0.038	0.032	0.183	0.111	71.8	68.1	0.01	<0.01	<0.005	<0.005	<10	<10	0.022	<0.005	46,100	46,700	-	-
	10/09/2015	A1	B579637	-	9.11	1.81		0.029	0.033	0.129	0.134	63.2	71	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	48,800	46,700	-	-
	17/09/2015	A1	B582068	-	3.8	1.29		0.043	0.031	0.12	0.124	70.1	67.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	<0.005	47,900	44,700	-	-
	12/05/2016	A1	B637198	-	38.3	2.48	-	<0.05	0.026	0.121	0.094	50.9	48.5	<0.01	<0.01	<0.02	<0.005	<50	<10	0.013	0.006	37,700	34,600	-	-
	20/07/2018	A1	L2133661	-	11.2	2	-	<0.1	<0.1	0.14	0.13	60.3	61.1	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0057	<0.005	41,600	41,700	<0.01	<0.01
	09/11/2018	A1	L2195291	-	15.8	<1	-	<0.1	<0.1	0.15	<0.1	67.8	72.3	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0069	<0.005	47,900	49,500	<0.01	<0.01
	04/03/2019	A1	L2240838	-	14.3	1.2	-	<0.1	<0.1	0.13	0.11	72.6	72.3	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0145	0.0053	48,200	49,400	<0.01	<0.01
	04/03/2019	A1-DUP	L2240838	-	12.6	<1	-	<0.1	<0.1	0.11	0.13	78.6	72.6	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0059	0.0056	51,200	49,800	<0.01	<0.01
	18/06/2019	A1	L2295044	-	32.4	3.2	-	<0.1	<0.1	0.15	0.14	47.2	50	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0101	0.0076	38,400	40,800	<0.01	<0.01
A2	15/05/2012	A2	B240844	-	158	4.21	-	0.033	0.027	0.268	0.141	55.6	46.7	0.026	<0.01	<0.005	<0.005	<50	<50	0.063	0.009	39,200	36,900	-	-
	18/06/2012	A2	B252527	-	147	6.17	-	0.038	0.034	0.246	0.108	47.7	39.5	0.028	<0.01	<0.005	<0.005	<50	<50	0.0576	0.0088	33,600	32,700	-	-
	24/07/2012	A2	B265706	-	29.7	14.1	-	0.029	0.052	0.155	0.149	46.2	46	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.01	36,900	38,100	-	-
	25/08/2012	A2	B276408	-	12.1	4.89	-	0.029	0.029	0.121	0.129	57.6	55.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.006	43,200	43,700	-	-
	17/09/2012	A2	B283851	-	5.46	1.62	-	<0.02	0.022	0.095	0.108	54	58.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	41,400	43,600	-	-
	24/10/2012	A2	B297129	-	3.12	7.55	-	0.026	0.029	0.083	0.087	55.9	57.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	42,100	43,700	-	-
	24/10/2012	A2-DUP	B297129	-	3.36	1.65	-	0.026	0.023	0.106	0.087	57.3	56.1	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	42,900	42,700	-	-
	24/11/2012	A2	B2A7294	-	36.3	4.38	-	0.028	0.03	0.154	0.099	61.3	54.9	0.011	<0.01	<0.005	<0.005	<50	<50	0.022	0.008	47,300	45,700	-	-
	15/12/2012	A2	B2B4014	-	2.5	1.19	-	0.023	0.026	0.099	0.096	61.7	61.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	46,200	46,600	-	-
	25/01/2013	A2	B306701	-	2.87	1.4	-	0.024	0.022	0.098	0.093	63.8	63.2	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	44,900	50,800	-	-
	20/02/2013	A2	B314188	-	2.16	1	-	0.025	0.027	0.091	0.099	63.8	60.7	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	45,400	44,200	-	-
	20/03/2013	A2	B322778	-	2.52	1.46	-	<0.02	0.029	0.072	0.094	63.7	65.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	45,700	45,000	-	-
	17/04/2013	A2	B330896	-	9.89	1.13	-	0.023	0.023	0.064	0.093	62.7	63.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	42,900	42,700	-	-
	23/05/2013	A2	B341817	-	231	5.44	-	0.041	0.028	0.374	0.125	55.1	41.7	0.048	<0.01	<0.005	<0.005	<50	<50	0.08	0.005	32,900	32,800	-	-
	20/06/2013	A2	B351922	-	2190	12.4	-	0.098	0.042	1.79	0.218	233	40.3	0.467	<0.01	0.007	<0.005	<50	<50	0.714	0.015	53,700	27,200	-	-
	17/07/2013	A2	B361290	-	2.29	11.1	-	0.024	<0.02	0.112	0.082	46.1	48.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	38,400	35,300	-	-
	26/08/2013	A2	B376191	-	4.99	3.48	-	0.024	0.029	0.105	0.1	59.2	57.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.008	42,000	41,900	-	-
	25/09/2013	A2	B387669	-	5.52	1.68	-	0.025	0.027	0.098	0.09	61.2	54.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.005	42,900	41,500	-	-
	24/10/2013	A2	B399472	-	9.43	1.4	-	0.025	0.031	0.081	0.095	56.1	56.1	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	0.005	46,300	45,700	-	-
	20/11/2013	A2	B3A8665	-	70.8	10.6	-	0.03	0.03	0.159	0.094	60.2	62.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.005	37,800	45,300	-	-
	22/12/2013	A2	B3B7782	-	6.75	1.48	-	0.029	0.024	0.094	0.083	62	58.1	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	43,700	42,300	-	-
	28/01/2014	A2	B407313	-	4.94	0.75	-	0.023	0.024	0.073	0.063	64.9	65.3	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	46,700	47,100	-	-
	26/02/2014	A2	B416171	-	6.23	3.09	-	0.023	<0.02	0.068	0.075	66.7	66.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	45,400	45,700	-	-
	27/03/2014	A2	B424928	-	2.75	0.6	-	0.025	0.025	0.08	0.083	66.2	65.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	44,400	46,900	-	-
	24/04/2014	A2	B432952	-	10.7	0.85	-	0.03	0.028	0.112	0.087	64.2	63.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	46,500	48,000	-	-
	15/05/2014	A2	B439804	-	176	5.24		0.03	0.03	0.27	0.122	61.4	56.4	0.025	<0.01	0.005	<0.005	<50	<50	0.041	0.006	41,100	41,400	-	-
	22/05/2014	A2	B442060	-	286	7.22		0.038	0.036	0.426	0.14	66.2	47	0.048	<0.01	0.005	<0.005	<50	<50	0.087	0.006	37,900	35,000	-	-
	29/05/2014	A2	B444272	-	123	5.28	na	0.034	0.027	0.227	0.128	46.8	41	0.014	<0.01	<0.005	<0.005	<50	<50	0.026	0.005	35,100	33,500	-	-
	05/06/2014	A2	B446972	-	126	4.8		0.031	0.026	0.191	0.132	43.4	38.9	0.014	<0.01	<0.005	<0.005	<50	<50	0.023	0.006	34,400	37,400	-	-
	05/06/2014	A2-DUP	B446972	-	120	5.04		0.031	0.024	0.192	0.139	44.1	39.1	0.013	<0.01	<0.005	<0.005	<50	<50	0.023	0.006	34,600	33,500	-	-
	12/06/2014	A2	B449500	-	81.9	3.79		0.026	0.028	0.16	0.121	45.5	40	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	<0.005	37,400	34,400	-	-
	24/07/2014	A2	B464009	-	15.2	2.14	-	0.03	0.027	0.115	0.121	53	51.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.03	0.008	40,300	41,100	-	-
	21/08/2014	A2	B474408	-	7.26	1.62		0.028	0.027	0.123	0.109	56.5	55.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.009	0.006	42,300	43,500	-	-
	28/08/2014	A2	B476541	-	12.7	4.41		0.024	0.028	0.111	0.115	58	57.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	40,600	42,000	-	-
	05/09/2014	A2	B479164	-	9.11	2.16	na	0.031	0.027	0.106	0.081	53.3	56.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	41,300	42,900	-	-
	12/09/2014	A2	B481292	-	10.8	1.93		0.022	0.025	0.098	0.111	51.9	49.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	<0.005	49,800	48,900	-	-
	18/09/2014	A2	B483962	-	6.56	2.28		0.031	0.028	0.108	0.108	53.2	50.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	<0.005	40,700	45,800	-	-
	30/10/2014	A2	B499587	-	3.57	1.89	-	0.022	0.027	0.092	0.091	52.8	57.9	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	39,100	44,300	-	-
	27/11/2014	A2	B4A9093	-	5.78	1.67	-	0.025	0.028	0.097	0.097	61.3	59	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	42,700	41,200	-	-
	18/12/2014	A2	B4B5326	-	6.53	3.59	-	0.021	0.023	0.078	0.092	56.9	58.8	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	43,200	46,800	-	-
	18/12/2014	A2-DUP	B4B5326	-	7.67	2.55	-	0.023	0.026	0.072	0.093	56.4	58.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0057	0.005	42,200	43,300	-	-
	22/01/2015	A2	B505986	-	2.84	2.37	-	0.022	0.028	0.082	0.086	64.8	63.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	45,800	43,900	-	-
	27/02/2015	A2	B516449	4800	2.1	0.87	-	0.021	0.027	0.067	0.06	61.9	62.5	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	45,400	45,300	-	-
	26/03/2015	A2	B525184	5600	5.29	1.7	-	0.025	0.024	0.088	0.087	62.3	62.8	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	45,000	45,200	-	-
	23/04/2015	A2	B533584	-	174	2.58	-	<0.05	0.03	0.201	0.115	53.8	54.9	0.018	<0.01	<0.02	<0.005	<50	<10	0.0226	0.0051	37,600	36,800	-	-
	15/05/2015	A2	B540628	-	29.2	3.13		0.03	0.03	0.112	0.113	55.9	51.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0101	0.0077	40,500	40,900	-	-
	21/05/2015	A2	B542667	-	88.4	2.33		0.041	0.024	0.137	0.119	48.9	41.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.015	0.006	35,300	31,900	-	-
	21/05/2015	A2-DUP	B542667	-	109	14.3		0.034	0.025	0.143	0.126	50.7	45.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.014	0.011	33,600	35,600	-	-
	28/05/2015	A2	B545872	-	128	3.37	na	0.031	0.037	0.181	0.119	44.7	41	0.014	<0.01	<0.005	<0.005	<10	<10	0.027	0.006	35,400	36,100	-	-
	04/06/2015	A2	B547761	-	211	5.66		<0.05	0.049	0.233	0.111	45.2	39.3	0.02	<0.01	<0.02	<0.005	<50	<10	0.0272	0.0061	35,800	36,200	-	-
	11/06/2015	A2	B549906	-	82.3	3.11		0.031	0.03	0.161	0.118	45.1	43	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0134	<0.005	36,300	33,300	-	-
	23/07/2015	A2	B563471	-	9.45	1.36	-	0.024	0.022	0.126	0.102	53.7	53.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	<0.005	41,200	38,200	-	-
	20/08/2015	A2	B572515	-	5.37	0.99		0.026	0.024	0.104	0.078	59.4	60.3	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	43,700	42,700	-	-
	27/08/2015	A2	B575103	-	6.94	1.39		0.036	0.026	0.11	0.106	72.6	59.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	42,400	43,600	-	-
	03/09/2015	A2	B577658	-	18.3	2.25	na	0.025	0.021	0.107	0.112	60.5	60.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	<0.005	43,600	44,800	-	-
	10/09/2015	A2	B579637	-	16.1	1.98		0.028	0.026	0.118	0.121	58.8	58.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.005	42,400	44,600	-	-
	17/09/2015	A2	B582068	-	4.83	1.13		0.032	0.048	0.128	0.113	61.2	59	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	42,500	45,200	-	-
	12/05/2016	A2	B637198	-	39.6	2.7	-	<0.05	0.02	0.122	0.121	46	48.6	<0.01	<0.01	<0.02	<0.005	<50	<10	0.009	<0.005	36,000	35,200	-	-
	20/07/2018	A2	L2133661	-	11.3	1.7	-	<0.1	<0.1	0.13	0.12	54.7	54	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	0.0059	39,900	38,700	<0.01	<0.01
	09/11/2018	A2	L2195291	-	3.5	<1	-	<0.1	<0.1	0.1	<0.1	62.1	68.4	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	0.0052	45,500	47,100	<0.01	<0.01
	05/03/2019	A2	L2240838	-	13.4	<1	-	<0.1	<0.1	<0.1	<0.1	79.8	71.6	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0053	<0.005	46,500	45,100	<0.01	<0.01
	17/06/2019	A2	L2295044	-	22.9	2	-	<0.1	<0.1	0.13	0.11	41.8	42.8	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0077	0.007	36,200	38,200	<0.01	<0.01

Physical Tests (in-situ sampling) and Calculated Parameters

Location Code	Sample Date	Sample ID	Lab Report Number	Temperature (°C)	pH (pH Unit)	Conductivity(uS/cm) (µS/cm)	Specific Conductivity(uS/cm °C) (µS/cm °C)	Dissolved Oxygen(mg/L) (mg/L)	DO % (%)	Redox (mV)	Turbidity (NTU)	Alkalinity (Bicarbonate as CaCO3) (µg/L)	Alkalinity (Carbonate as CaCO3) (µg/L)	Alkalinity (Hydroxide) as CaCO3 (µg/L)	Alkalinity (total) as CaCO3 (µg/L)	Sulphur (as S) (µg/L)	Sulphur (as S) (Filtered) (µg/L)	Hardness as CaCO3 (µg/L)	Hardness as CaCO3 (Filtered) (µg/L)
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life																			
A3	16/05/2012	A3	B240844	2.8	8.21	205	-	10.8	81	-	-	-	-	-	92,900	<10,000	<10,000	-	98,200
	18/06/2012	A3	B252527	3.9	7.37	197	-	17.5	130	-	-	-	-	-	88,000	<10,000	<10,000	-	96,300
	24/07/2012	A3	B265706	6.4	8.47	136	-	9.4	95.3	-	-	-	-	-	113,000	<10,000	<10,000	-	125,000
	25/08/2012	A3	B276408	5.4	9.3	169.1	-	17.4	164.8	106.6	-	-	-	-	133,000	<10,000	<10,000	-	150,000
	17/09/2012	A3	B283851	3.3	8.34	167.4	-	27.34	243.2	52.3	-	-	-	-	139,000	<10,000	<10,000	-	161,000
	24/10/2012	A3	B297129	0	8.47	139.6	269.2	10.55	73.8	120.6	1.3	-	<500	-	140,000	<10,000	<10,000	-	-
	24/11/2012	A3	B2A7294	-	-	-	-	-	-	-	-	-	740	-	131,000	7100	6800	-	-
	15/12/2012	A3	B2B4014	0.01	8.56	150	288	12.2	83.6	164	-	-	-	-	138,000	7600	7900	-	154,000
	25/01/2013	A3	B306701	0.03	7.99	160	305	12.72	87.2	112	-	-	-	-	140,000	7400	6800	-	165,000
	17/04/2013	A3	B330896	0.1	8.51	145.3	277.1	12.73	87.5	37.8	1.47	-	-	-	144,000	6500	6800	-	151,000
	23/05/2013	A3	B341817	2.1	8.15	85.1	151.1	12.04	104.7	244.7	-	-	-	-	90,100	<3000	<3000	-	97,600
	23/05/2013	A3-DUP	B341817	2.1	8.15	85.1	151.1	12.04	104.7	244.7	-	-	-	-	87,100	<3000	3100	-	93,700
	20/06/2013	A3	B351922	3.7	7.87	72.4	122.8	11.4	104.8	222.4	-	-	-	-	71,000	<15,000	<3000	-	67,400
	17/07/2013	A3	B361290	6.46	8.46	203	314	10.98	89.3	58	5.02	-	-	-	126,000	6100	6400	-	123,000
	17/07/2013	A3-DUP	B361290	6.46	8.46	203	314	10.98	89.3	58	5.02	-	-	-	125,000	6000	6400	-	120,000
	26/08/2013	A3	B376191	7.8	8.1	88.3	-	8.95	84.6	191.9	-	-	-	-	133,000	5900	6100	-	159,000
	25/09/2013	A3	B387669	4.4	7.86	148.7	245.3	10.86	83.7	245.3	-	-	-	-	138,000	6200	6100	-	146,000
	24/10/2013	A3	B399472	1.7	8.34	151.7	273.9	11.07	84.1	276.4	-	-	-	-	131,000	6400	6000	-	148,000
	21/11/2013	A3	B3A8725	0	8.03	-	303.7	12.29	89.3	281.6	-	-	-	-	149,000	7500	7300	-	177,000
	28/01/2014	A3	B407313	0	8.49	-	257	11.16	86.3	133.5	-	-	-	-	143,000	5700	5000	-	158,000
	24/04/2014	A3	B432952	0.8	8.35	-	221.2	12.22	85.7	190.5		-	-	-	131,000	5900	6600	-	146,000
	15/05/2014	A3	B439804	2.1	8.29	-	183.1	11.3	81.9	237.7	14.75	-	-	-	111,000	4500	3800	-	119,000
	22/05/2014	A3	B442060	3.3	8.29	-	142.4	11.41	85.5	289.3	71.01	-	-	-	93,600	3500	<3000	-	102,000
	29/05/2014	A3	B444272	3.1	8.31	-	147.7	12.02	89.5	272.4	30.49	-	-	-	91,900	<3000	3200	-	101,000
	05/06/2014	A3	B446972	3.4	8.18	112.3	166.9	11.23	84.4	258.3	24.27	-	-	-	89,800	<3000	<3000	-	91,500
	12/06/2014	A3	B449500	4.2	8.33	-	176	11.23	86.1	261.8	9.6	-	-	-	96,300	3200	3100	-	101,000
A3 (B)	27/02/2015	A3 (B)	B516449	5.5	8.36	-	218.3	11.99	95.2	223.3	3.14	-	<500	-	135,000	6200	-	-	-
	24/07/2014	A3(B)	B464009	5.8	8.28	-	234.3	8.94	79.5	176.4	1.23	-	-	-	124,000	5800	5600	-	142,000
	21/08/2014	A3(B)	B474408	7.01	8.41	-	257	10.51	86.7	156	1.25	-	-	-	130,000	4400	5400	-	145,000
	28/08/2014	A3(B)	B476541	7.6	8.39	-	269	10.54	88.3	115	2.9	-	-	-	129,000	5400	5800	-	141,000
	05/09/2014	A3(B)	B479164	4.77	8.34	-	216	88.3	11.33	128	2.36	-	-	-	124,000	6500	5200	-	147,000
	12/09/2014	A3(B)	B481292	7.53	8.46	-	214	10.24	87	123	1.03	-	-	-	125,000	6900	6600	-	153,000
	18/09/2014	A3(B)	B483962	4.7	8.47	-	264.5	11.03	85.5	261.2	2.33	-	-	-	126,000	5900	5600	-	147,000
	30/10/2014	A3(B)	B499587	3	8.3	-	197.1	10.81	80.6	226.4	0.77	-	-	-	128,000	5900	6700	-	155,000
	27/11/2014	A3(B)	B4A9093	2.5	8.36	-	233.9	11.92	87.5	233.9	0.83	-	-	-	123,000	6100	5700	-	142,000
	18/12/2014	A3(B)	B4B5326	1.9	8.36	-	221.4	13.15	95	212.8	0.51	-	-	-	135,000	4700	4500	-	149,000
	22/01/2015	A3(B)	B505986	0.7	8.12	-	291.8	13.24	92.4	153.6	0.53	-	-	-	129,000	5700	5600	-	153,000
	27/02/2015	A3(B)-DUP	B516449	0.7	8.12	-	291.8	13.24	92.4	153.6	0.53	-	<500	-	134,000	6300	-	-	-
	26/03/2015	A3(B)	B525184	2	7.97	-	218.1	11.83	85.7	194	0.5	-	<500	-	126,000	6500	-	-	-
	23/04/2015	A3(B)	B533584	3.7	8.4	-	241.5	10.45	79.2	286.5	2.98	-	-	-	124,000	<15,000	3400	-	131,000
	15/05/2015	A3(B)	B540628	3	8.18	-	191.6	13.32	99.1	231.3	1.4	-	-	-	126,000	3700	4400	-	159,000
	15/05/2015	A3(B)-DUP	B540628	3	8.18	-	191.6	13.32	99.1	231.3	1.4	-	-	-	125,000	4000	4600	-	132,000
	21/05/2015	A3(B)	B542667	5.2	8.46	-	181.5	12.55	98.9	293.7	1.75	-	-	-	111,000	<3000	<3000	-	126,000
	28/05/2015	A3(B)	B545872	3.9	8.16	-	187.2	10.32	81.6	221.2	4.08	-	-	-	112,000	<3000	<3000	-	118,000
	05/06/2015	A3(B)	B547761	6.3	8.07	-	189	81	10.01	328.6	5.02	-	-	-	109,000	<15,000	<3000	-	118,000
	11/06/2015	A3(B)	B549906	5.5	8.31	-	196.7	10.96	87.3	295.8	1.8	-	-	-	116,000	<3000	<3000	-	119,000
	23/07/2015	A3(B)	B563471	5.5	8.33	-	227.9	11.59	92	358.3	0.7	-	-	-	130,000	4900	4900	-	140,000
	20/08/2015	A3(B)	B572515	6.3	8.37	-	240.6	9.92	80.1	114.1	0.64	-	-	-	129,000	5500	6000	-	147,000
	27/08/2015	A3(B)	B575103	5.5	8.32	-	242.5	11.11	88.4	158.4	0.86	-	-	-	126,000	5300	6000	-	147,000
	03/09/2015	A3(B)	B577658	-	-	-	-	-	-	-	-	-	-	-	130,000	6000	6200	-	141,000
	10/09/2015	A3(B)	B579637	4.7	8.28	-	237.6	10.58	82.4	175.7	0.26	-	-	-	125,000	7100	7300	-	145,000
	17/09/2015	A3(B)	B582068	5.4	8.36	-	263.1	11.66	92.3	162.9	0.89	-	-	-	125,000	6500	6400	-	149,000
	12/05/2016	A3(B)	B637198	2.9	8.5	-	180.4	12.75	94.6	220.5	3.21	-	-	-	116,000	<15,000	3300	-	124,000
	20/07/2018	A3(B)	L2133661	10.62	8.57	193	265.3	9.91	106.6	58.9	-	117,000	7000	<1000	124,000	5870	5280	134,000	-
	09/11/2018	A3(B)	L2195291	2.33	8.37	161.1	284.1	11.52	100.3	41.2	1.03	132,000	3400	<1000	135,000	7730	7090	158,000	-
	05/03/2019	A3(B)	L2240838	1.5	8.39	-	282.2	12.22	87.2	14.4	0.62	134,000	<1000	<1000	134,000	6990	6940	147,000	-
	17/06/2019	A3(B)	L2295044	6.58	7.33	151.3	232.9	10.77	104.5	68.2	1.25	110,000	6800	<1000	117,000	3970	3700	137,000	-
A4	16/05/2012	A4	B240844	3.2	8.1	230	-	9.4	76	-	-	-	-	-	108,000	<10,000	<10,000	-	112,000
	18/06/2012	A4	B252527	3.5	7.06	203	-	13.9	106	-	-	-	-	-	93,800	<10,000	<10,000	-	98,800
	24/07/2012	A4	B265706	46	8.48	120.2	-	10.3	95.3	-	-	-	-	-	103,000	<10,000	<10,000	-	117,000
	25/08/2012	A4	B276408	5.7	9.43	150.1	-	12.7	121.6	131.2	-	-	-	-	110,000	<10,000	<10,000	-	138,000
	17/09/2012	A4	B283851	5.9	9.04	149.3	-	10.39	99.4	64.7	-	-	-	-	115,000	<10,000	<10,000	-	147,000
	24/10/2012	A4	B297129	2.7	8.55	145.8	254.2	11.21	85.3	115.2	1.61	-	<500	-	109,000	<10,000	<10,000	-	-
	24/11/2012	A4	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	115,000	10,000	10,300	-	-
	15/12/2012	A4	B2B4014	2	8.44	154	270	11.59	84	150	-	-	-	-	116,000	11,200	11,400	-	151,000
	24/01/2013	A4	B306701	2.48	8.23	160	281	11.84	86.7	158	-	-	-	-	116,000	12,000	11,900	-	165,000
	20/02/2013	A4	B314188	2.65	8.53	163	283	12.88	85.2	72	0.8	-	-	-	115,000	11,500	11,000	-	149,000
	20/03/2013	A4	B322778	2.89	8.35	165	287	11.61	86.6	129	0.01	-	-	-	115,000	13,100	12,800	-	146,000
	17/04/2013	A4	B330896	2.3	8.41	161.4	284.1	11.7	86.8	52	0.83	-	-	-	125,000	9600	10,600	-	150,000
	23/05/2013	A4	B341817	2.1	8.16	84.6	150.7	11.95	104.4	242.6	-	-	-	-	95,900	<3000	<3000	-	101,000
	20/06/2013	A4	B351922	3.6	7.9	82.5	140.2	11.7	106.9	216.1	-	-	-	-	80,400	<3000	<3000	-	79,900
	17/07/2013	A4	B361290	4.47	8.38	165	271	11.79	91	62	3.48	-	-	-	108,000	4700	5700	-	108,000
	26/08/2013	A4	B376191	9.1	8.23	91.1	-	8.96	88.1	194.3	-	-	-	-	118,000	6900	7600	-	139,000
	26/09/2013	A4	B388572	4.1	8.29	155.1	231.4	10.31	88.4	196.5	-	-	-	-	103,000	8400	8200	-	140,000
	24/10/2013	A4	B399472	1.9	8.31	171.7	261.8	9.15	83.8	271.5	-	-	-	-	113,000	8200	7900	-	141,000
	21/11/2013	A4	B3A8725	1.8	8.43	-	268.5	12.29	94.6	269.5	-	-	-	-	115,000	8800	9200	-	140,000
	21/11/2013	A4-DUP	B3A8725	1.8	8.43	-	268.5	12.29	94.6	269.5	-	-	-	-	121,000	10,400	9200	-	144,000
	22/12/2013	A4	B3B7782	1.6	8.46	150.6	272.2	11.44	96.4	204.9	-	-	-	-	116,000	10,700	10,800	-	137,000
	28/01/2014	A4	B407313	2.1	8.48	-	279.5	11.41	82.7	146	-	-	-	-	115,000	8700	8700	-	145,000
	26/02/2014	A4	B416171	0.6	8.34	-	284.7	12.73	89.4	183.6	-	-	-	-	110,000	11,300	12,400	-	147,000
	27/03/2014	A4	B424928	2.2	8.55	-	250.4	12.14	86.5	197.2	-	-	-	-	112,000	12,700	12,000	-	152,000
	24/04/2014	A4	B432952	3	8.48	-	227.9	11.69	86.9	148.7	-	-	-	-	118,000	11,200	11,000	-	156,000
	15/05/2014	A4	B439804	3.7	8.32	-	206.2	10.35	82.7	245.1	4.21	-	-	-	120,000	4000	4100	-	137,000
	22/05/2014	A4	B442060	3.8	8.32	-	161.3	11.72	89.2	14.55	-	-	-	-	108,000	<3000	<3000	-	111,000
	30/05/2014	A4	B444272	3.5	8.35	-	157.8	11.36	85.6	260.1	1.89	-	-	-	104,000	<3000	<3000	-	111,000
	05/06/2014	A4	B446972	3.2	8.19	113.5	169.7	11.41	85.2	280.1	1.55	-	-	-	98,400	<3000	<3000	-	101,000
	12/06/2014	A4	B449500	3.5	8.36	-	176.4	11.62	87.6	266.8	1.2	-	-	-	102,000	<3000	<3000	-	104,000
	24/07/2014	A4	B464009	4.5	8.3	-	203.5	11.8	91.3	195.3	1.39	-	-	-	108,000	6600	5900	-	128,000
	21/08/2014	A4	B474408	5.1	8.53	-	220	9.79	85.4	176.4	1.22	-	-	-	116,000	7900	7800	-	136,000
	28/08/2014	A4	B476541	5.32	8.57	-	220	11.07	87.06	153	1.48	-	-	-	114,000	7500	6900	-	133,000
	05/09/2014	A4	B479164	4.78	8.46	-	236	146	11.57	90.2	1.22	-	-	-	112,000	6000	5800	-	133,000
	12/09/2014	A4	B481292	3.85	8.48	-	204	11.56	87.9	132	1.29	-	-	-	112,000	8100	7200	-	145,000
	18/09/2014	A4	B483962	5.23	8.54	-	201	10.98	86.4	130	1.33	-	-	-	115,000	5800	5500	-	136,000
	31/10/2014	A4	B499587	3.2	8.22	-	261.7	11.03	82.5	246.9	1.54	-	-	-	119,000	8600	8800	-	151,000
	27/11/2014	A4	B4A9093	2.7	8.37	-	137.4	10.8	79.9	221.8	1.01	-	-	-	107,000	8200	1.66E6	-	148,000
	18/12/2014	A4	B4B5326	2.5	8.49	-	234.1	11.81	86.6	223.6	0.91	-	-	-	123,000	7400	8700	-	152,000
	22/01/2015	A4	B505986	2.1	8.5	-	239.6	13.42	97.3	293.4	0.29	-	-	-	116,000	11,400	10,500	-	150,000
	26/02/2015	A4	B516449	2.1	8.37	-	295.2	13.68	99.4	152.7	0.37	-	<500	-	119,000	10,500	-	-	-
	26/03/2015	A4	B525184	2.9	8.37	-	218.5	11.95	88.5	216.1	1.96	-	<500	-	122,000	8600	-	-	-
	23/04/2015	A4	B533584	5.7	8.47	-	228.9	10.01	81.5	284.5	2.21	-	-	-	122,000	<15,000	<3000	-	125,000
	14/05/2015	A4	B540628	-	-	-	-	-	-	-	-	-	-	-	121,000	<3000	<3000	-	150,000
	21/05/2015	A4	B542667	3.5	8.34	-	171.6	13.03	98.4	298.7	1.75	-	-	-	116,000	<3000	<3000	-	117,000
	28/05/2015	A4	B545872	3.4	8.1	-	177.8	11.19	84.1	260.6	2.82	-	-	-	103,000	<3000	<3000	-	111,000
	05/06/2015	A4	B547761	4.6	8.05	-	178.5	10.36	80.2	331.6	1.68	-	-	-	101,000	<3000	<3000	-	113,000
	11/06/2015	A4	B549906	4.1	8.23	-	192.9	10.72	82	270.4	0.14	-	-	-	104,000	4200	<3000	-	111,000
	23/07/2015	A4	B563471	4.7	8.34	-	218.5	11.76	91.4	354.7	0.15	-	-	-	119,000	6200	6500	-	131,000
	20/08/2015	A4	B572515	5.1	8.42	-	236.9	11.07	86.9	103.8	0.94	-	-	-	115,000	8500	8900	-	144,000
	27/08/2015	A4	B575103	4.8	8.34	-	234	11.47	89.3	234.3	1.02	-	-	-	112,000	7900	8800	-	142,000
	03/09/2015	A4	B577658	-	-	-	-	-	-	-	-	-	-	-	114,000	8400	9900	-	140,000
	10/09/2015	A4	B579637	4	8.28	-	233.7	11.1	84.7	1675.6	2.01	-	-	-	110,000	10,400	10,100	-	146,000
	17/09/2015	A4	B582068	3.8	8.37	-	213.2	11.68	88.7	158.6	1.01	-	-	-	110,000	9200	8800	-	140,000
	12/05/2016	A4	B637198	2.8	8.37	-	170.2	12.69	93.9	218.3	1.42	-	-	-	111,000	<15,000	<3000	-	110,000
	20/07/2018	A4	L2133661	7.98	8.34	166	245.3	10.36	105.4	38.2	-	109,000	3800	<1000	113,000	7160	6230	126,000	-
	09/11/2018	A4	L2195291	2.71	8.03	160.3	279.1	11.68	103.6	32.2	1.09	117,000	4000	<1000	121,000	11,200	9520	164,000	-
	05/03/2019	A4	L2240838	2.2	8.54	-	291.2	12.4	90.1	43.6	0.37	119,000	<1000	<1000	119,000	14,600	13,300	152,000	-
	17/06/2019	A4	L2295044	4.11	7.34	129.8	215.9	11.51	105.3	56.8	0.74	103,000	6000	<1000	109,000	3010	2930	118,000	-

General Chemistry

Location Code	Sample Date	Sample ID	Bicarbonate (mg/L)	Carbonate (mg/L)	Hydroxide (mg/L)	phenolphthalein alkalinity (mg/L)	Ammonia (mg/L)	Ammonia (as N) (mg/L)	Kjeldahl Nitrogen Total (mg/L)	Nitrate (as N) (mg/L)	Nitrate (as N) (Filtered) (mg/L)	Nitrate (as NO3-) (mg/L)	Nitrate (as NO3-) (Filtered) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Nitrite (as N) (mg/L)	Nitrite (as N) (Filtered) (mg/L)	Nitrite (as NO2-) (Filtered) (mg/L)	Nitrogen (N) (mg/L)	Phosphorus (mg/L)	Phosphorus (Filtered) (mg/L)	Phosphorus (filtered) (Filtered) (mg/L)	Ortho Phosphorus (as P) (mg/L)	Ortho Phosphorus (as P) (Filtered) (mg/L)	Electrical conductivity (lab) (µS/cm)	Chloride (mg/L)	Chloride (Filtered) (mg/L)	Fluoride (mg/L)	Bromide (mg/L)	Bromide (Filtered) (mg/L)	Dissolved Organic Carbon (Filtered) (mg/L)	Total Organic Carbon (TOC) (mg/L)	pH (Lab) (pH Unit)	Sulphate (SO4) (mg/L)	Sulphate (SO4) (Filtered) (mg/L)	Hardness (mg/L)	Dissolved Hardness (Filtered) (mg/L)	Total Suspended Solids (TSS) (mg/L)	Turbidity (NTU)
RDL			0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life							Variable			3					Variable											150								Variable[#5]				
A3	16/05/2012	A3	113	<0.5	<0.5	<0.5	0.0085	-	-	0.14	-	-	-	0.147	0.0066	-	-	-	0.134	-	-	0.026	-	193	-	0.82	0.092	<0.01	-	-	-	8.11	-	7.33	106	-	85.2	38.3
	18/06/2012	A3	107	<0.5	<0.5	<0.5	0.0067	-	-	0.048	-	-	-	0.059	0.0101	-	-	-	0.117	-	-	0.027	-	185	-	0.54	0.093	<0.01	-	-	-	8.08	-	7.71	98.4	-	63.9	27.1
	24/07/2012	A3	138	<0.5	<0.5	<0.5	0.39	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0223	-	-	0.0191	-	238	-	0.51	0.11	<0.01	-	-	-	8.16	-	12.3	123	-	2.6	0.56
	25/08/2012	A3	162	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0179	-	-	0.0152	-	281	-	0.57	0.12	<0.01	-	-	-	8.28	-	16.3	149	-	1	0.27
	17/09/2012	A3	170	<0.5	<0.5	<0.5	0.057	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0181	-	-	0.0141	-	296	-	0.83	0.12	<0.01	-	-	-	8.11	-	17.6	147	-	<1	0.3
	24/10/2012	A3	170	<0.5	<0.5	<0.5	0.0088	-	-	-	-	0.022	-	0.022	<0.005	-	-	0.022	0.0151	-	-	0.0129	-	304	-	<0.5	0.12	<0.01	-	-	-	8.28	-	19.8	154	154	<1	0.12
	24/11/2012	A3	158	0.89	<0.5	0.74	<0.005	-	-	-	-	0.047	-	0.047	<0.005	-	-	0.047	0.0192	-	-	0.0172	-	279	-	0.79	0.11	<0.01	-	-	-	8.32	-	16.3	149	147	<1	0.21
	15/12/2012	A3	168	<0.5	<0.5	<0.5	<0.005	-	-	0.058	-	-	-	0.058	<0.005	-	-	-	0.0269	-	-	0.0178	-	293	-	<0.5	0.13	<0.01	-	-	-	8.23	-	17.9	162	-	<1	0.2
	25/01/2013	A3	170	<0.5	<0.5	<0.5	0.027	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	0.0241	-	-	0.0197	-	300	-	0.84	0.12	<0.01	-	-	-	8.16	-	18.8	150	-	2.5	1.12
	17/04/2013	A3	171	2.15	<0.5	1.79	0.017	-	-	0.056	-	-	-	0.056	<0.005	-	-	-	0.0199	-	-	0.0145	-	297	-	0.82	0.13	<0.01	-	-	-	8.32	-	18.6	308	-	2	0.24
	23/05/2013	A3	110	<0.5	<0.5	<0.5	0.037	-	-	0.071	-	-	-	0.071	<0.005	-	-	-	0.0857	-	-	0.0224	-	186	-	0.61	0.086	<0.01	-	-	-	8.17	-	8.32	103	-	55.5	11.9
	23/05/2013	A3-DUP	106	<0.5	<0.5	<0.5	0.032	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	0.103	-	-	0.0293	-	182	-	<0.5	0.088	<0.01	-	-	-	8.17	-	9.13	95.3	-	48.5	13.9
	20/06/2013	A3	86.6	<0.5	<0.5	<0.5	0.055	-	-	0.066	-	-	-	0.075	0.0086	-	-	-	2.91	-	-	0.0253	-	144	-	<0.5	0.088	<0.01	-	5.02	6.41	7.95	-	3.71	220	-	2610	751
	17/07/2013	A3	154	<0.5	<0.5	<0.5	0.0089	-	-	0.027	-	-	-	0.027	<0.005	-	-	-	0.023	-	-	0.0206	-	267	-	0.58	0.12	<0.01	-	1.38	1.81	8.13	-	15.3	130	-	2.2	0.61
	17/07/2013	A3-DUP	153	<0.5	<0.5	<0.5	0.0075	-	-	0.022	-	-	-	0.022	<0.005	-	-	-	0.0239	-	-	0.0188	-	267	-	<0.5	0.11	<0.01	-	0.98	1.79	8.27	-	17	123	-	2.1	0.6
	26/08/2013	A3	162	<0.5	<0.5	<0.5	0.0087	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0208	-	-	0.0178	-	291	-	0.69	0.12	<0.01	-	1.44	<0.5	8.26	-	18.5	147	-	<1	0.35
	25/09/2013	A3	164	1.87	<0.5	1.56	0.0072	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.02	-	-	0.019	-	289	-	<0.5	0.12	<0.01	-	1.25	1.83	8.32	-	18.4	150	-	1.6	0.44
	24/10/2013	A3	159	<0.5	<0.5	<0.5	0.011	-	-	0.02	-	-	-	0.02	<0.005	-	-	-	0.0185	-	-	0.0184	-	285	-	0.78	0.12	<0.01	-	1.78	2.78	8.27	-	19.2	149	-	<1	0.15
	21/11/2013	A3	182	<0.5	<0.5	<0.5	0.014	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	0.0357	-	-	0.0164	-	322	-	<0.5	0.13	<0.01	-	0.84	1.2	8.26	-	21.1	153	-	4.8	0.25
	28/01/2014	A3	174	<0.5	<0.5	<0.5	0.013	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.0205	-	-	0.0198	-	312	-	0.52	0.13	<0.01	-	<0.5	<0.5	8.25	-	21.4	155	-	<1	0.29
	24/04/2014	A3	160	<0.5	<0.5	<0.5	0.0067	-	-	0.104	-	-	-	0.104	<0.005	-	-	-	0.0212	-	-	0.0201	-	287	-	0.67	0.12	<0.01	-	0.51	<0.5	8.3	-	18.2	145	-	<1	0.36
	15/05/2014	A3	136	<0.5	<0.5	<0.5	0.011	-	-	0.246	-	-	-	0.246	<0.005	-	-	-	0.0376	-	-	0.0208	-	234	-	<0.5	0.086	<0.01	-	1.89	2.7	8.17	-	11.5	121	-	13	4.4
	22/05/2014	A3	114	<0.5	<0.5	<0.5	0.012	-	-	0.178	-	-	-	0.186	0.0076	-	-	-	0.205	-	-	0.0223	-	197	-	0.6	0.085	<0.01	-	3.33	3.42	8.12	-	8.89	110	-	75	34
	29/05/2014	A3	112	<0.5	<0.5	<0.5	0.013	-	-	0.103	-	-	-	0.111	0.0082	-	-	-	0.0781	-	-	0.0419	-	198	-	0.63	0.099	<0.01	-	2.19	1.22	8.14	-	10.1	103	-	31	18.6
	05/06/2014	A3	110	<0.5	<0.5	<0.5	0.014	-	-	-	-	-	-	0.08	-	-	-	-	0.0342	-	-	0.0313	-	189	-	0.83	0.096	<0.01	-	1.14	1.6	8.08	-	8.13	112	-	31.5	15.8
	12/06/2014	A3	118	<0.5	<0.5	<0.5	0.0094	-	-	0.054	-	-	-	0.054	<0.005	-	-	-	0.0532	-	-	0.0305	-	201	-	<0.5	0.097	<0.01	-	1.85	2	8.12	-	9.77	123	-	29.9	8.89
A3 (B)	27/02/2015	A3 (B)	164	<0.5	<0.5	<0.5	0.0066	-	-	-	-	0.103	-	0.103	<0.005	-	-	-	<0.005	-	-	<0.005	-	288	-	<0.5	0.16	<0.01	-	<0.5	1.14	8.25	-	19.9	155	155	<1	<0.1
	24/07/2014	A3(B)	151	<0.5	<0.5	<0.5	0.014	-	-	0.03	-	-	-	0.03	<0.005	-	-	-	0.0052	-	-	<0.005	-	255	-	<0.5	0.19	<0.01	-	1.23	<0.5	8.21	-	12.8	147	-	<1	0.15
	21/08/2014	A3(B)	159	<0.5	<0.5	<0.5	0.018	-	-	0.039	-	-	-	0.039	<0.005	-	-	-	<0.005	-	-	<0.005	-	272	-	<0.5	0.18	<0.01	-	0.7	0.71	8.29	-	15.7	138	-	<1	0.23
	28/08/2014	A3(B)	157	<0.5	<0.5	<0.5	0.041	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.0077	-	-	<0.005	-	267	-	<0.5	0.19	<0.01	-	<0.5	1.56	8.27	-	15.6	141	-	<1	0.19
	05/09/2014	A3(B)	151	<0.5	<0.5	<0.5	0.019	-	-	0.062	-	-	-	0.062	<0.005	-	-	-	0.0059	-	-	<0.005	-	260	-	<0.5	0.19	<0.01	-	<0.5	0.85	8.27	-	14.8	139	-	6	0.13
	12/09/2014	A3(B)	152	<0.5	<0.5	<0.5	0.015	-	-	0.054	-	-	-	0.054	<0.005	-	-	-	0.0174	-	-	<0.005	-	262	-	0.72	0.18	<0.01	-	0.87	1.08	8.25	-	14.8	156	-	<1	0.15
	18/09/2014	A3(B)	154	<0.5	<0.5	<0.5	0.012	-	-	0.053	-	-	-	0.053	<0.005	-	-	-	<0.005	-	-	<0.005	-	259	-	<0.5	0.2	<0.01	-	1.21	0.91	8.28	-	14.1	147	-	<1	0.23
	30/10/2014	A3(B)	157	<0.5	<0.5	<0.5	0.0092	-	-	0.045	-	-	-	0.045	<0.005	-	-	-	<0.005	-	-	<0.005	-	268	-	0.57	0.18	<0.01	-	<0.5	0.93	8.21	-	19.3	137	-	1	0.13
	27/11/2014	A3(B)	151	<0.5	<0.5	<0.5	0.007	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	<0.005	-	-	<0.005	-	271	-	0.72	0.17	<0.01	-	1.81	2.08	8.11	-	17.4	148	-	<1	2.56
	18/12/2014	A3(B)	165	<0.5	<0.5	<0.5	<0.005	-	-	0.087	-	-	-	0.087	<0.005	-	-	-	<0.005	-	-	<0.005	-	281	-	0.61	0.17	<0.01	-	1.68	0.66	8.26	-	17.8	138	-	<1	<0.1
	22/01/2015	A3(B)	158	<0.5	<0.5	<0.5	<0.005	-	-	0.08	-	-	-	0.08	<0.005	-	-	-	<0.005	-	-	<0.005	-	281	-	0.7	0.18	<0.01	-	<0.5	<0.5	8.18	-	19	154	-	<1	<0.1
	27/02/2015	A3(B)-DUP	163	<0.5	<0.5	<0.5	0.05	-	-	-	-	0.105	-	0.105	<0.005	-	-	-	<0.005	-	-	<0.005	-	288	-	<0.5	0.16	<0.01	-	<0.5	<0.5	8.24	-	18.1	150	150	<1	<0.1
	26/03/2015	A3(B)	154	<0.5	<0.5	<0.5	0.016	-	-	-	-	0.082	-	0.082	<0.005	-	-	-	0.0373	-	-	<0.005	-	289	-	<0.5	0.17	<0.01	-	1.65	0.7	8.16	-	18.2	150	151	1.1	0.41
	23/04/2015	A3(B)	152	<0.5	<0.5	<0.5	0.005	-	-	0.087	-	-	-	0.087	<0.005	-	-	-	0.0188	-	-	0.0145	-	255	-	0.98	0.13	<0.01	-	2.28	4.33	8.23	-	10.2	131	-	11.1	1.01
	15/05/2015	A3(B)	154	<0.5	<0.5	<0.5	0.024	-	-	0.034	-	-	-	0.034	<0.005	-	-	-	0.0283	-	-	<0.005	-	258	-	<0.5	0.15	<0.01	-	1.19	1.2	8.25	-	10.5	138	-	10.4	0.58
	15/05/2015	A3(B)-DUP	152	<0.5	<0.5	<0.5	0.0089	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	0.0066	-	-	<0.005	-	256	-	<0.5	0.15	<0.01	-	1.23	2.1	8.16	-	10.6	145	-	1.8	0.36
	21/05/2015	A3(B)	135	<0.5	<0.5	<0.5	0.024	-	-	0.023	-	-	-	0.023	<0.005	-	-	-	0.0098	-	-	<0.005	-	231	-	0.54	0.13	<0.01	-	0.93	1.33	8.16	-	7.28	118	-	3.8	0.48
	28/05/2015	A3(B)	137	<0.5	<0.5	<0.5	0.02	-	-	0.053	-	-	-	0.053	<0.005	-	-	-	0.022	-	-	0.0068	-	224	-	0.98	0.11	<0.01	-	1.06	1.52	8.16	-	6.47	119	-	10.6	1.88
	05/06/2015	A3(B)	133	<0.5	<0.5	<0.5	<0.005	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	0.0178	-	-	0.0057	-	226	-	<0.5	0.12	<0.01	-	1.18	1.23	8.13	-	6.44	120	-	6.5	1.41
	11/06/2015	A3(B)	141	<0.5	<0.5	<0.5	<0.005	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0145	-	-	0.0052	-	234	-	<0.5	0.14	<0.01	-	1.14	<0.5	8.21	-	9.01	118	-	4.1	1.08
	23/07/2015	A3(B)	159	<0.5	<0.5	<0.5	0.01	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	<0.005	-	-	<0.005	-	272	-	0.5	0.19	<0.01	-	<0.5	<0.5	8.31	-	14.6	136	-	<1	0.18
	20/08/2015	A3(B)	157	<0.5	<0.5	<0.5	0.015	-	-	0.046	-	-	-	0.046	<0.005	-	-	-	0.0051	-	-	<0.005	-	280	-	<0.5	0.19	<0.01	-	<0.5	<0.5	8.06	-	15.7	146	-	1.1	0.14
	27/08/2015	A3(B)	154	<0.5	<0.5	<0.5	0.014	-	-	0.063	-	-	-	0.063	<0.005	-	-	-	0.005	-	-	<0.005	-	280	-	<0.5	0.18	<0.01	-	<0.5	<0.5	8.05	-	15.9	143	-	<1	0.15
	03/09/2015	A3(B)	159	<0.5	<0.5	<0.5	0.0067	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	0.0053	-	-	<0.005	-	278	-	0.6	0.19	<0.01	-	0.54	<0.5	8.2	-	17.3	149	-	<1	0.24
	10/09/2015	A3(B)	152	<0.5	<0.5	<0.5	0.01	-	-	0.067	-	-	-	0.067	<0.005	-	-	-	<0.005	-	-	<0.005	-	274	-	0.77	0.22	<0.01	-	<0.5	0.65	8.24	-	19.9	149	-	<1	0.25
	17/09/2015	A3(B)	153	<0.5	<0.5	<0.5	0.013	-	-	0.08	-	-	-	0.08	<0.005	-	-	-	0.0052	-	-	<0.005	-	277	-	0.9	0.18	<0.01	-	<0.5	<0.5	-	-	17.5	148	-	<1	0.14
	12/05/2016	A3(B)	142	<0.5	<0.5	<0.5	0.021	-	-	0.04	-	-	-	0.04	<0.005	-	-	-	0.0132	-	-	0.0075	-	235	-	0.51	0.14	<0.01	-	<0.5	0.87	8.22	-	10.3	125	-	3.8	1.28
	20/07/2018	A3(B)	-	-	-	-	-	<0.005	<0.05	0.0119	-	-	-	0.0119	<0.001	-	-	-	<0.05 - 0.0044	<0.05	-	-	0.0023	267	<0.5	-	0.192	<0.05	-	0.55	0.63	8.46	15.6	-	-	-	<3	0.26
	09/11/2018	A3(B)	-	-	-	-	-	<0.005	<0.05	0.062	-	-	-	0.062	<0.001	-	-	-	<0.05 - 0.0036	<0.05	-	-	0.0019	280	<0.5	-	0.204	<0.05	-	0.52	0.5	8.33	21.6	-	-	-	<3	0.15
	05/03/2019	A3(B)	-	-	-	-	-	<0.005	<0.05	0.0908	-	-	-	0.0908	<0.001	-	-	-	<0.05 - 0.0026	<0.05	-	-	0.002	290	<0.5	-	0.181	<0.05	-	<0.5	<0.5	8.27	21.9	-	-	-	<3	<0.1
	17/06/2019	A3(B)	-	-	-	-	-	<0.005	0.078	0.0335	-	-	-	0.0348	0.0013	-	-	-	<0.05 - 0.0148	<0.05	-	-	0.0022	240	<0.5	-	0.178	<0.05	-	0.83	1	8.43	11.1	-	-	-	3.7	0.59
A4	16/05/2012	A4	132	<0.5	<0.5	<0.5	0.01	-	-	0.063	-	-	-	0.063	<0.005	-	-	-	0.0394	-	-	0.0059	-	210	-	<0.5	0.1	<0.01	-	-	-	8.19	-	3.51	120	-	25.2	7.02
	18/06/2012	A4	114	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0158	-	-	0.0078	-	185	-	<0.5	0.097	<0.01	-	-	-	8.1	-	3.07	98.6	-	8	2.42
	24/07/2012	A4	126	<0.5	<0.5	<0.5	0.35	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0053	-	-	<0.005	-	220	-	0.52	0.2	<0.01	-	-	-	8.17	-	10.3	114	-	1.2	0.25
	25/08/2012	A4	135	<0.5	<0.5	<0.5	0.0055	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	<0.005	-	-	<0.005	-	250	-	<0.5	0.25	<0.01	-	-	-	8.19	-	17.6	139	-	1	0.15
	17/09/2012	A4	140	<0.5	<0.5	<0.5	0.021	-	-	0.066	-	-	-	0.066	<0.005	-	-	-	<0.005	-	-	<0.005	-	262	-	0.55	0.27	<0.01	-	-	-	8.16	-	23.2	140	-	<1	<0.1
	24/10/2012	A4	133	<0.5	<0.5	<0.5	0.011	-	-	-	-	0.108	-	0.108	<0.005	-	-	0.108	<0.005	-	-	<0.005	-	268	-	<0.5	0.28	<0.01	-	-	-	8.08	-	28	139	141	<1	<0.1
	24/11/2012	A4	140	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.1	-	0.1	<0.005	-	-	0.1	0.0131	-	-	<0.005	-	271	-	0.6	0.25	<0.01	-	-	-	8.09	-	23.1	149	147	<1	<0.1
	15/12/2012	A4	142	<0.5	<0.5	<0.5	<0.005	-	-	0.099	-	-	-	0.099	<0.005	-	-	-	<0.005	-	-	<0.005	-	276	-	<0.5	0.29	<0.01	-	-	-	8.2	-	26.8	149	-	<1	<0.1
	24/01/2013	A4	141	<0.5	<0.5	<0.5	0.022	-	-	0.088	-	-	-	0.088	<0.005	-	-	-	0.0073	-	-	<0.005	-	285	-	0.82	0.3	<0.01	-	-	-	8.09	-	29.1	147	-	<1	<0.1
	20/02/2013	A4	141	<0.5	<0.5	<0.5	0.0084	-	-	0.093	-	-	-	0.093	<0.005	-	-	-	0.0184	-	-	<0.005	-	287	-	0.61	0.32	<0.01	-	-	-	8.14	-	30	154	-	1.1	<0.1
	20/03/2013	A4	140	<0.5	<0.5	<0.5	0.0096	-	-	0.083	-	-	-	0.083	<0.005	-	-	-	<0.005	-	-	<0.005	-	291	-	0.75	0.32	<0.01	-	-	-	8.12	-	38.2	152	-	1	0.11
	17/04/2013	A4	152	<0.5	<0.5	<0.5	0.021	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	<0.005	-	-	<0.005	-	286	-	0.63	0.28	<0.01	-	-	-	8.27	-	28.9	150	-	<1	<0.1
	23/05/2013	A4	117	<0.5	<0.5	<0.5	0.042	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0401	-	-	0.0066	-	186	-	<0.5	0.081	<0.01	-	-	-	8.14	-	3	102	-	30.4	7.31
	20/06/2013	A4	98	<0.5	<0.5	<0.5	0.05	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	1.52	-	-	0.0134	-	158	-	<0.5	0.092	<0.01	-	3.62	5.2	8.03	-	1.99	326	-	1020	162
	17/07/2013	A4	132	<0.5	<0.5	<0.5	0.0099	-	-	0.069	-	-	-	0.069	<0.005	-	-	-	<0.005	-	-	<0.005	-	232	-	0.52	0.21	<0.01	-	1.54	1.62	8.06	-	12.8	116	-	<1	0.23
	26/08/2013	A4	144	<0.5	<0.5	<0.5	0.007	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.006	-	-	<0.005	-	261	-	<0.5	0.25	<0.01	-	0.75	<0.5	8.28	-	21.5	136	-	<1	0.11
	26/09/2013	A4	125	<0.5	<0.5	<0.5	0.011	-	-	0.123	-	-	-	0.123	<0.005	-	-	-	<0.005	-	-	<0.005	-	260	-	0.54	0.29	<0.01	-	0.74	1.68	8.3	-	25.7	136	-	<1	0.23
	24/10/2013	A4	138	<0.5	<0.5	<0.5	0.0098	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	<0.005	-	-	<0.005	-	264	-	0.58	0.27	<0.01	-	<0.5	2.62	8.16	-	24.2	141	-	<1	0.11
	21/11/2013	A4	140	<0.5	<0.5	<0.5	0.016	-	-	0.095	-	-	-	0.095	<0.005	-	-	-	0.0063	-	-	<0.005	-	276	-	<0.5	0.28	<0.01	-	<0.5	0.93	8.17	-	28	145	-	<1	<0.1
	21/11/2013	A4-DUP	147	<0.5	<0.5	<0.5	0.028	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.006	-	-	<0.005	-	289	-	0.86	0.3	<0.01	-	<0.5	1.04	8.18	-	37	149	-	<1	<0.1
	22/12/2013	A4	141	<0.5	<0.5	<0.5	0.016	-	-	0.115	-	-	-	0.115	<0.005	-	-	-	<0.005	-	-	<0.005	-	279	-	0.67	0.28	<0.01	-	<0.5	<0.5	8.16	-	32.5	146	-	<1	0.2
	28/01/2014	A4	140	<0.5	<0.5	<0.5	0.016	-	-	0.095	-	-	-	0.095	<0.005	-	-	-	0.0055	-	-	0.0053	-	280	-	0.61	0.25	<0.01	-	<0.5	0.61	8.07	-	30	145	-	<1	0.15
	26/02/2014	A4	134	<0.5	<0.5	<0.5	0.0095	-	-	0.105	-	-	-	0.105	<0.005	-	-	-	0.0075	-	-	<0.005	-	285	-	0.63	0.31	<0.01	-	0.64	0.72	8.17	-	36.1	150	-	<1	0.12
	27/03/2014	A4	137	<0.5	<0.5	<0.5	0.018	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	<0.005	-	-	<0.005	-	289	-	1.9	0.32	<0.01	-	<0.5	<0.5	8.3	-	38.8	150	-	<1	0.26
	24/04/2014	A4	145	<0.5	<0.5	<0.5	0.007	-	-	0.197	-	-	-	0.197	<0.005	-	-	-	<0.005	-	-	<0.005	-	294	-	0.59	0.27	<0.01	-	0.69	<0.5	8.22	-	30	154	-	<1	0.14
	15/05/2014	A4	147	<0.5	<0.5	<0.5	0.055	-	-	0.102	-	-	-	0.102	<0.005	-	-	-	0.0079	-	-	<0.005	-	251	-	<0.5	0.16	<0.01	-	0.93	1.83	8.2	-	12.7	135	-	1.9	0.48
	22/05/2014	A4	132	<0.5	<0.5	<0.5	0.01	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	0.0263	-	-	0.0088	-	214	-	<0.5	0.096	<0.01	-	1.52	1.22	8.13	-	3.93	117	-	13.1	1.88
	30/05/2014	A4	127	<0.5	<0.5	<0.5	0.034	-	-	0.061	-	-	-	0.061	<0.005	-	-	-	0.0097	-	-	0.0065	-	209	-	<0.5	0.12	<0.01	-	1.11	1.55	8.17	-	6.35	112	-	2.6	0.84
	05/06/2014	A4	120	<0.5	<0.5	<0.5	0.013	-	-	-	-	-	-	0.046	-	-	-	-	<0.005	-	-	0.0054	-	194	-	<0.5	0.11	<0.01	-	1.07	1.79	8.1	-	3.52	102	-	1.6	0.88
	12/06/2014	A4	125	<0.5	<0.5	<0.5	0.038	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.007	-	-	0.0059	-	203	-	<0.5	0.13	<0.01	-	1.51	1.48	8.2	-	4.72	112	-	1.1	0.33
	24/07/2014	A4	132	<0.5	<0.5	<0.5	0.013	-	-	0.077	-	-	-	0.077	<0.005	-	-	-	<0.005	-	-	<0.005	-	239	-	0.61	0.22	<0.01	-	0.77	0.7	8.13	-	15	138	-	<1	0.11
	21/08/2014	A4	142	<0.5	<0.5	<0.5	0.011	-	-	0.063	-	-	-	0.063	<0.005	-	-	-	<0.005	-	-	<0.005	-	260	-	0.6	0.24	<0.01	-	0.5	0.79	8.26	-	22.7	133	-	<1	<0.1
	28/08/2014	A4	139	<0.5	<0.5	<0.5	0.023	-	-	0.107	-	-	-	0.107	<0.005	-	-	-	<0.005	-	-	<0.005	-	252	-	<0.5	0.25	<0.01	-	<0.5	1.9	8.24	-	21.1	131	-	<1	0.13
	05/09/2014	A4	136	<0.5	<0.5	<0.5	0.0087	-	-	0.123	-	-	-	0.123	<0.005	-	-	-	<0.005	-	-	<0.005	-	242	-	<0.5	0.23	<0.01	-	<0.5	1	8.25	-	16.6	128	-	<1	0.13
	12/09/2014	A4	137	<0.5	<0.5	<0.5	0.021	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	<0.005	-	-	<0.005	-	244	-	0.72	0.23	<0.01	-	1.17	1.25	8.21	-	17.3	142	-	<1	0.13
	18/09/2014	A4	141	<0.5	<0.5	<0.5	0.011	-	-	0.104	-	-	-	0.104	<0.005	-	-	-	<0.005	-	-	<0.005	-	243	-	<0.5	0.25	<0.01	-	<0.5	1.57	8.27	-	15.1	138	-	1.4	0.13
	31/10/2014	A4	145	<0.5	<0.5	<0.5	<0.005	-	-	0.128	-	-	-	0.128	<0.005	-	-	-	<0.005	-	-	<0.005	-	265	-	1.5	0.25	<0.01	-	0.76	0.66	8.15	-	24.2	147	-	<1	<0.1
	27/11/2014	A4	131	<0.5	<0.5	<0.5	<0.005	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0057	-	-	<0.005	-	260	-	0.92	0.24	<0.01	-	2.32	2.24	7.96	-	24.3	142	-	1.2	0.27
	18/12/2014	A4	150	<0.5	<0.5	<0.5	0.017	-	-	0.095	-	-	-	0.095	<0.005	-	-	-	0.005	-	-	<0.005	-	281	-	1.5	0.25	<0.01	-	<0.5	0.52	8.24	-	25.3	140	-	<1	<0.1
	22/01/2015	A4	141	<0.5	<0.5	<0.5	<0.005	-	-	0.093	-	-	-	0.093	<0.005	-	-	-	<0.005	-	-	<0.005	-	282	-	<0.5	0.3	<0.01	-	0.5	<0.5	8.14	-	30.1	160	-	<1	<0.1
	26/02/2015	A4	145	<0.5	<0.5	<0.5	0.0073	-	-	-	-	0.097	-	0.097	<0.005	-	-	-	0.0054	-	-	<0.005	-	294	-	<0.5	0.28	<0.01	-	0.86	0.9	8.17	-	32.2	152	153	<1	<0.1
	26/03/2015	A4	149	<0.5	<0.5	<0.5	0.0072	-	-	-	-	0.075	-	0.075	<0.005	-	-	-	0.0199	-	-	<0.005	-	293	-	0.79	0.23	<0.01	-	0.76	0.58	8.21	-	25.9	152	150	<1	<0.1
	23/04/2015	A4	149	<0.5	<0.5	<0.5	<0.005	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	0.0097	-	-	0.0112	-	244	-	<0.5	0.13	<0.01	-	1.63	4.06	8.24	-	6.11	123	-	1.9	0.35
	14/05/2015	A4	148	<0.5	<0.5	<0.5	0.027	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.005	-	-	<0.005	-	243	-	<0.5	0.14	<0.01	-	2.17	<0.5	8.23	-	8.15	130	-	5.1	0.47
	21/05/2015	A4	141	<0.5	<0.5	<0.5	0.032	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	0.006	-	-	<0.005	-	221	-	0.52	0.13	<0.01	-	1.44	1.18	8.14	-	5.11	109	-	1.4	0.21
	28/05/2015	A4	126	<0.5	<0.5	<0.5	0.0087	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.01	-	-	<0.005	-	210	-	<0.5	0.1	<0.01	-	1.35	1.79	8.05	-	4.34	114	-	3.8	0.38
	05/06/2015	A4	124	<0.5	<0.5	<0.5	0.032	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0099	-	-	0.0057	-	215	-	<0.5	0.12	<0.01	-	2.19	1.51	8.02	-	4.6	111	-	2.9	0.72
	11/06/2015	A4	127	<0.5	<0.5	<0.5	0.0068	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	0.0083	-	-	<0.005	-	213	-	<0.5	0.15	<0.01	-	0.7	1.52	8.18	-	7.63	125	-	1.2	0.31
	23/07/2015	A4	145	<0.5	<0.5	<0.5	0.0061	-	-	0.092	-	-	-	0.092	<0.005	-	-	-	<0.005	-	-	<0.005	-	262	-	<0.5	0.25	<0.01	-	1.27	0.76	8.27	-	19.9	129	-	<1	0.22
	20/08/2015	A4	140	<0.5	<0.5	<0.5	0.0098	-	-	0.084	-	-	-	0.084	<0.005	-	-	-	0.0113	-	-	<0.005	-	273	-	<0.5	0.28	<0.01	-	<0.5	<0.5	8.09	-	24.8	145	-	<1	<0.1
	27/08/2015	A4	136	<0.5	<0.5	<0.5	0.014	-	-	0.127	-	-	-	0.127	<0.005	-	-	-	<0.005	-	-	<0.005	-	272	-	<0.5	0.28	<0.01	-	<0.5	<0.5	8.11	-	24.4	134	-	<1	0.15
	03/09/2015	A4	139	<0.5	<0.5	<0.5	0.0083	-	-	0.107	-	-	-	0.107	<0.005	-	-	-	0.0055	-	-	<0.005	-	270	-	0.61	0.28	<0.01	-	<0.5	<0.5	8.19	-	26.6	143	-	<1	0.39
	10/09/2015	A4	134	<0.5	<0.5	<0.5	0.009	-	-	0.119	-	-	-	0.119	<0.005	-	-	-	0.005	-	-	<0.005	-	269	-	0.78	0.32	<0.01	-	<0.5	<0.5	8.21	-	28.3	145	-	<1	0.18
	17/09/2015	A4	135	<0.5	<0.5	<0.5	0.012	-	-	0.159	-	-	-	0.164	0.0056	-	-	-	0.0056	-	-	<0.005	-	268	-	0.82	0.26	<0.01	-	<0.5	<0.5	-	-	26.6	142	-	<1	<0.1
	12/05/2016	A4	135	<0.5	<0.5	<0.5	0.016	-	-	0.051	-	-	-	0.051	<0.005	-	-	-	0.007	-	-	<0.005	-	223	-	0.54	0.14	<0.01	-	<0.5	1.54	8.14	-	8	125	-	<1	0.26
	20/07/2018	A4	-	-	-	-	-	<0.005	<0.05	0.0651	-	-	-	0.0651	<0.001	-	-	-	<0.05 - 0.0048	<0.05	-	-	0.0028	252	<0.5	-	0.231	<0.05	-	0.66	0.57	8.41	18.5	-	-	-	<3	0.16
	09/11/2018	A4	-	-	-	-	-	<0.005	<0.05	0.0965	-	-	-	0.0965	<0.001	-	-	-	<0.05 - 0.008	<0.05	-	-	0.0026	274	<0.5	-	0.31	<0.05	-	<0.5	<0.5	8.36	30.7	-	-	-	<3	0.1
	05/03/2019	A4	-	-	-	-	-	<0.005	<0.05	0.0998	-	-	-	0.0998	<0.001	-	-	-	<0.05 - 0.0038	<0.05	-	-	0.0026	301	<0.5	-	0.357	<0.05	-	<0.5	<0.5	8.28	42.1	-	-	-	<3	<0.1
	17/06/2019	A4	-	-	-	-	-	0.0056	0.084	0.0918	-	-	-	0.0918	<0.001	-	-	-	<0.05 - 0.0046	<0.05	-	-	0.0019	217	<0.5	-	0.187	<0.05	-	0.83	0.82	8.38	8.82	-	-	-	<3	0.2

Metals

Location Code	Sample Date	Sample ID	Sulfur (Filtered) (ug/L)	Aluminium (µg/L)	Aluminium (Filtered) (µg/L)	Aluminium (Filtered) Averaged (µg/L)	Antimony (µg/L)	Antimony (Filtered) (µg/L)	Arsenic (µg/L)	Arsenic (Filtered) (µg/L)	Barium (µg/L)	Barium (Filtered) (µg/L)	Beryllium (µg/L)	Beryllium (Filtered) (µg/L)	Bismuth (µg/L)	Bismuth (Filtered) (µg/L)	Boron (µg/L)	Boron (Filtered) (µg/L)	Cadmium (µg/L)	Cadmium (Filtered) (µg/L)	Calcium (µg/L)	Calcium (Filtered) (µg/L)	Cesium (µg/L)	Cesium (Filtered) (µg/L)
RDL			3000	0.2	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life					50	50											1200			Variable[#8]				
A3	16/05/2012	A3	-	245	8.12	-	0.049	0.04	0.345	0.148	83.7	58.5	0.05	<0.01	<0.005	<0.005	<50	<50	0.117	0.012	30,500	27,700	-	-
	18/06/2012	A3	-	186	11	-	0.047	0.045	0.303	0.128	74.7	51.3	0.044	<0.01	<0.005	<0.005	<50	<50	0.0869	0.008	28,400	27,900	-	-
	24/07/2012	A3	-	32.4	7.3	-	0.072	0.052	0.156	0.134	71.2	71.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.007	34,300	35,500	-	-
	25/08/2012	A3	-	10.6	6.36	-	0.039	0.042	0.165	0.143	88	86.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.009	42,100	41,900	-	-
	17/09/2012	A3	-	3.62	2.2	-	0.036	0.036	0.106	0.127	91.3	94.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.009	40,800	44,800	-	-
	24/10/2012	A3	-	4.57	1.7	-	0.038	0.038	0.13	0.118	88.3	88.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.031	0.009	43,400	43,500	-	-
	24/11/2012	A3	-	5.3	2.02	-	0.038	0.046	0.121	0.109	82.7	78.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.007	42,800	41,800	-	-
	15/12/2012	A3	-	4.11	1.25	-	0.038	0.041	0.157	0.132	88.8	88.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.005	45,100	42,700	-	-
	25/01/2013	A3	-	6.53	10.3	-	0.04	0.036	0.154	0.138	92.3	88.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.007	42,100	47,400	-	-
	17/04/2013	A3	-	10.2	1.8	-	0.045	0.044	0.155	0.13	92.5	93.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	105,000	41,700	-	-
	23/05/2013	A3	-	160	10.3	-	0.045	0.04	0.293	0.138	69.7	53.3	0.032	<0.01	<0.005	<0.005	<50	<50	0.039	<0.005	29,700	28,200	-	-
	23/05/2013	A3-DUP	-	160	11.4	-	0.045	0.04	0.311	0.162	75.6	53.5	0.034	<0.01	<0.005	<0.005	<50	<50	0.047	0.007	26,800	26,800	-	-
	20/06/2013	A3	-	5190	30.3	-	0.23	0.049	3.52	0.173	871	51.1	1.5	<0.01	<0.025	<0.005	<250	<50	1.82	0.018	67,300	19,700	-	-
	17/07/2013	A3	-	2.9	13.6	-	0.042	0.039	0.144	0.152	78.6	80.2	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	0.01	36,500	34,100	-	-
	17/07/2013	A3-DUP	-	10.4	2.85	-	0.048	0.042	0.144	0.143	75.1	77.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	34,500	33,400	-	-
	26/08/2013	A3	-	9.74	4.22	-	0.043	0.045	0.133	0.153	95.2	93.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	40,400	44,600	-	-
	25/09/2013	A3	-	15.2	2.6	-	0.043	0.041	0.15	0.127	94.3	87.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.012	41,600	40,600	-	-
	24/10/2013	A3	-	6.56	1.62	-	0.045	0.049	0.127	0.144	82.3	86.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.007	42,100	41,500	-	-
	21/11/2013	A3	-	16.1	0.66	-	0.039	0.048	0.15	0.144	99.6	93	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	40,000	50,300	-	-
	28/01/2014	A3	-	2.69	1.2	-	0.037	0.038	0.141	0.131	90.8	94.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.006	43,600	44,800	-	-
	24/04/2014	A3	-	11.1	1.44	-	0.05	0.043	0.157	0.142	84.6	83.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	40,600	41,100	-	-
	15/05/2014	A3	-	98	5.62		0.048	0.049	0.211	0.148	74.6	73	0.012	<0.01	<0.005	<0.005	<50	<50	0.026	0.006	33,900	33,600	-	-
	22/05/2014	A3	-	445	11.5		0.059	0.063	0.496	0.16	101	58.9	0.073	<0.01	0.01	<0.005	<50	<50	0.106	0.008	31,400	28,800	-	-
	29/05/2014	A3	-	163	8.66	19.2	0.047	0.039	0.244	0.156	68.5	55.1	0.024	<0.01	<0.005	<0.005	<50	<50	0.037	0.007	29,200	28,700	-	-
	05/06/2014	A3	-	173	53.6		0.044	0.072	0.251	0.182	63	50.4	0.032	<0.01	<0.005	0.006	<50	<50	0.042	0.008	32,600	26,500	-	-
	12/06/2014	A3	-	144	16.8		0.044	0.038	0.212	0.14	69.7	53.8	<0.01	<0.01	0.005	<0.005	<50	<50	0.032	0.006	37,200	28,800	-	-
A3 (B)	27/02/2015	A3 (B)	6000	3.37	1.24	-	0.02	0.023	0.085	0.072	57.5	54.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0056	0.005	43,300	42,600	-	-
	24/07/2014	A3(B)	-	9.39	2.23	-	0.024	0.025	0.112	0.127	49.7	47.8	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.005	40,400	39,500	-	-
	21/08/2014	A3(B)	-	5.84	1.3		0.065	0.028	0.123	0.11	52.2	52.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.005	37,900	39,800	-	-
	28/08/2014	A3(B)	-	9.51	3.32		0.028	0.027	0.112	0.104	52.1	50.7	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	39,100	38,500	-	-
	05/09/2014	A3(B)	-	5.37	1.85	na	0.022	0.022	0.084	0.081	46.8	50	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	39,200	42,300	-	-
	12/09/2014	A3(B)	-	6.99	3.26		0.021	0.022	0.101	0.109	48.6	45.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.005	43,100	42,300	-	-
	18/09/2014	A3(B)	-	5.92	2.79		0.027	0.034	0.101	0.111	47	46.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	41,300	41,800	-	-
	30/10/2014	A3(B)	-	4.27	1.68	-	<0.02	0.023	0.105	0.1	47.6	53.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	<0.005	36,900	43,300	-	-
	27/11/2014	A3(B)	-	4.15	1.91	-	0.023	0.022	0.093	0.104	53.7	55.8	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0054	<0.005	40,500	38,500	-	-
	18/12/2014	A3(B)	-	3.14	3.12	-	0.025	0.024	0.08	0.097	51.4	54.7	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	0.005	38,900	40,800	-	-
	22/01/2015	A3(B)	-	2.2	1.38	-	0.021	0.023	0.091	0.097	57.6	56.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	<0.005	41,800	41,100	-	-
	27/02/2015	A3(B)-DUP	6700	1.97	0.93	-	0.02	0.022	0.083	0.076	57	54.4	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	41,300	40,400	-	-
	26/03/2015	A3(B)	6500	3.99	1.62	-	<0.02	0.088	0.088	0.095	54.5	56.4	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	41,700	41,700	-	-
	23/04/2015	A3(B)	-	101	3.33	-	<0.05	0.032	0.181	0.109	48.2	49.7	0.015	<0.01	<0.02	<0.005	<50	<10	0.0119	0.0054	36,700	37,200	-	-
	15/05/2015	A3(B)	-	29.9	12.2		0.043	0.033	0.108	0.131	51.5	55.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0105	0.0154	38,600	45,800	-	-
	15/05/2015	A3(B)-DUP	-	23.2	1.88		0.029	0.031	0.131	0.113	52.6	52.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0108	0.0088	40,800	34,100	-	-
	21/05/2015	A3(B)	-	63.4	2.77		0.025	0.031	0.149	0.115	46.5	41.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.011	0.006	31,700	35,300	-	-
	28/05/2015	A3(B)	-	85.3	3.95	na	0.028	0.041	0.15	0.102	41.4	40.4	0.01	<0.01	<0.005	<0.005	<10	<10	0.016	0.006	33,900	33,400	-	-
	05/06/2015	A3(B)	-	80.2	7.28		<0.05	0.027	0.164	0.108	44.2	39.1	<0.01	<0.01	<0.02	<0.005	<50	<10	0.0149	0.0071	33,600	33,200	-	-
	11/06/2015	A3(B)	-	35.5	2.7		0.028	0.035	0.133	0.124	46.5	48.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.0066	32,400	33,500	-	-
	23/07/2015	A3(B)	-	8	1.35	-	0.025	<0.02	0.118	0.109	50.3	48.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0059	<0.005	37,500	38,700	-	-
	20/08/2015	A3(B)	-	6.16	1.12		0.023	0.021	0.093	0.085	54.4	56.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.005	40,200	40,200	-	-
	27/08/2015	A3(B)	-	5.4	1.22		0.028	0.027	0.107	0.11	52.4	53.8	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	<0.005	39,600	40,300	-	-
	03/09/2015	A3(B)	-	5.86	2.08	na	0.025	0.025	0.111	0.105	55.1	54.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.007	41,600	37,700	-	-
	10/09/2015	A3(B)	-	6.42	2.12		0.023	0.024	0.118	0.12	50.6	51.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.005	41,000	39,900	-	-
	17/09/2015	A3(B)	-	2.93	1.75		0.035	0.025	0.102	0.102	54.3	52.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	<0.005	40,700	41,000	-	-
	12/05/2016	A3(B)	-	30	3.38	-	<0.05	0.031	0.11	0.096	44.8	44.3	<0.01	<0.01	<0.02	<0.005	<50	<10	0.008	0.005	35,400	34,500	-	-
	20/07/2018	A3(B)	-	7	1.2	-	<0.1	<0.1	0.11	0.11	50.4	49.9	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0109	0.0068	38,400	37,200	<0.01	<0.01
	09/11/2018	A3(B)	-	3.8	<1	-	<0.1	<0.1	0.13	<0.1	53	56.9	<0.1	<0.1	<0.05	<0.05	<10	<10	0.005	0.0056	41,600	42,600	<0.01	<0.01
	05/03/2019	A3(B)	-	<3	<1	-	<0.1	<0.1	<0.1	<0.1	55.1	57.6	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	<0.005	42,600	41,500	<0.01	<0.01
	17/06/2019	A3(B)	-	28.8	2	-	<0.1	<0.1	0.12	0.13	40.2	43.6	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0111	0.006	34,700	39,600	<0.01	<0.01
A4	16/05/2012	A4	-	98.7	3.84	-	0.022	0.021	0.174	0.104	37.4	33.8	0.011	<0.01	<0.005	<0.005	<50	<50	0.05	0.011	34,700	32,300	-	-
	18/06/2012	A4	-	43.3	5.38	-	0.026	0.025	0.074	0.091	29.4	27.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.0228	0.0103	28,600	28,600	-	-
	24/07/2012	A4	-	15.1	5.86	-	0.028	0.029	0.129	0.098	30.1	29.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.044	0.007	31,600	33,200	-	-
	25/08/2012	A4	-	7.92	6.43	-	0.021	0.02	0.115	0.116	34.6	34.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.009	38,700	37,900	-	-
	17/09/2012	A4	-	3.74	2.64	-	<0.02	<0.02	0.083	0.081	34.2	37.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	38,100	39,700	-	-
	24/10/2012	A4	-	3.83	4.36	-	0.024	0.024	0.136	0.091	35.1	33.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.006	37,400	38,500	-	-
	24/11/2012	A4	-	3.58	2.05	-	0.022	0.031	0.106	0.1	36.6	38.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.008	41,300	40,400	-	-
	15/12/2012	A4	-	3.06	3.77	-	0.021	0.02	0.133	0.137	37.3	38.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.007	39,700	40,000	-	-
	24/01/2013	A4	-	2.61	2.95	-	<0.02	0.023	0.132	0.11	39.3	38.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.008	39,100	45,000	-	-
	20/02/2013	A4	-	10.7	1.91	-	0.022	0.022	0.109	0.143	39.5	38	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.007	40,700	39,100	-	-
	20/03/2013	A4	-	3.5	2.43	-	<0.02	0.028	0.118	0.139	39.8	39.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.008	39,300	37,500	-	-
	17/04/2013	A4	-	3.28	1.86	-	<0.02	<0.02	0.108	0.112	41.5	41.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	40,700	38,700	-	-
	23/05/2013	A4	-	104	7.34	-	0.028	0.024	0.222	0.136	36.4	29.8	0.011	<0.01	<0.005	<0.005	<50	<50	0.035	0.008	28,700	29,200	-	-
	20/06/2013	A4	-	2910	17.8	-	0.099	0.031	2.36	0.115	271	30.7	0.565	<0.01	<0.005	<0.005	<50	<50	1.29	0.019	86,900	23,400	-	-
	17/07/2013	A4	-	7.91	3.64	-	0.022	0.02	0.099	0.113	30.5	30.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	32,600	29,200	-	-
	26/08/2013	A4	-	4.41	2.94	-	0.032	0.023	0.103	0.124	37.8	36.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.009	36,300	37,900	-	-
	26/09/2013	A4	-	4	2.68	-	0.024	0.022	0.117	0.089	33.2	33	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	36,900	39,300	-	-
	24/10/2013	A4	-	3.36	2.1	-	0.025	0.028	0.083	0.109	31.3	33.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.008	39,000	39,000	-	-
	21/11/2013	A4	-	13.4	1.37	-	0.02	0.022	0.123	0.122	35.2	31.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	<0.005	38,500	36,800	-	-
	21/11/2013	A4-DUP	-	14	1.42	-	0.027	0.025	0.12	0.127	36.9	32.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	<0.005	39,600	38,000	-	-
	22/12/2013	A4	-	4.42	2.51	-	0.021	0.021	0.109	0.124	36.2	34.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.005	39,000	36,700	-	-
	28/01/2014	A4	-	5.39	3.59	-	0.021	0.021	0.099	0.106	46.3	45.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	38,900	39,400	-	-
	26/02/2014	A4	-	5.8	1.35	-	<0.02	<0.02	0.112	0.105	36.5	35	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.007	39,100	38,300	-	-
	27/03/2014	A4	-	1.91	0.97	-	0.025	0.023	0.121	0.118	38.2	37.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.007	38,700	40,200	-	-
	24/04/2014	A4	-	2.99	1.76	-	0.02	0.025	0.123	0.13	40.9	41.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.008	41,400	41,800	-	-
	15/05/2014	A4	-	24.6	4.55		0.024	0.023	0.14	0.123	37.7	40	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.009	37,700	37,800	-	-
	22/05/2014	A4	-	68.9	5.43		0.028	0.027	0.167	0.126	36.9	34.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.033	0.008	33,600	32,100	-	-
	30/05/2014	A4	-	22.3	4.29	na	0.024	0.02	0.134	0.118	31.9	30.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.008	31,000	31,500	-	-
	05/06/2014	A4	-	21.7	4.04		<0.02	0.023	0.122	0.127	28.4	28.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.008	29,100	29,400	-	-
	12/06/2014	A4	-	18.3	3.79		0.024	0.027	0.11	0.105	28.9	27.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.009	32,400	29,700	-	-
	24/07/2014	A4	-	11.2	4.49	-	0.023	0.029	0.111	0.127	33.3	32.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.012	0.01	37,300	36,200	-	-
	21/08/2014	A4	-	4	2.35		0.021	0.02	0.129	0.119	35.2	33.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.008	35,800	37,300	-	-
	28/08/2014	A4	-	6.65	5.12		0.023	0.024	0.117	0.117	32.9	32.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.007	35,800	36,700	-	-
	05/09/2014	A4	-	6.66	2.85	na	0.03	0.028	0.1	0.087	29.8	31	<0.01	<0.01	<0.005	<0.005	<20	<20	0.011	0.008	36,100	37,900	-	-
	12/09/2014	A4	-	6.43	3.47		<0.02	0.024	0.105	0.116	28.6	28.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.008	38,800	40,900	-	-
	18/09/2014	A4	-	6.14	3.41		0.028	0.022	0.117	0.11	28.9	28.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.007	38,300	38,500	-	-
	31/10/2014	A4	-	2.5	2.19	-	0.02	0.026	0.108	0.109	33.1	35.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.009	0.007	39,100	40,800	-	-
	27/11/2014	A4	-	4.92	3.92	-	0.027	0.021	0.116	0.134	36.2	36	<0.01	<0.01	<0.005	0.0118	<10	<10	0.0098	0.0071	38,400	39,400	-	-
	18/12/2014	A4	-	3.3	3.81	-	<0.02	<0.02	0.098	0.112	36.5	38.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0078	0.007	38,700	39,700	-	-
	22/01/2015	A4	-	3.13	2.24	-	0.023	0.02	0.121	0.122	40.2	40	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.007	41,900	39,100	-	-
	26/02/2015	A4	9600	2.52	2.07	-	0.036	0.021	0.104	0.091	39.6	39.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0096	0.008	40,500	40,000	-	-
	26/03/2015	A4	8200	3.47	3.24	-	<0.02	<0.02	0.116	0.102	43.4	43.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0081	0.0068	40,600	40,200	-	-
	23/04/2015	A4	-	28.4	3	-	<0.05	0.024	0.137	0.103	35.6	35.1	<0.01	<0.01	<0.02	<0.005	<50	<10	0.0117	0.0092	35,300	36,400	-	-
	14/05/2015	A4	-	37.9	8.21		0.038	0.037	0.117	0.116	40.2	38.8	<0.01	<0.01	<0.005	0.005	<10	<10	0.0274	0.0239	36,400	42,200	-	-
	21/05/2015	A4	-	18.1	3.74		0.027	0.028	0.111	0.112	31	31.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.009	0.008	28,900	33,000	-	-
	28/05/2015	A4	-	24.3	18	na	0.024	0.031	0.131	0.114	29.7	30.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.014	0.011	32,600	31,800	-	-
	05/06/2015	A4	-	22.2	3.48		0.02	0.021	0.114	0.106	29.9	30.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0142	0.0085	31,400	32,100	-	-
	11/06/2015	A4	-	18.8	3.43		0.026	0.025	0.166	0.126	29.9	30.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0109	0.0081	31,000	31,100	-	-
	23/07/2015	A4	-	5.7	1.87	-	0.035	0.02	0.123	0.109	35.2	34.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0089	0.0065	35,000	35,200	-	-
	20/08/2015	A4	-	3.69	1.92		0.023	0.02	0.117	0.094	37.7	38.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.008	0.007	39,400	38,200	-	-
	27/08/2015	A4	-	2.05	1.97		0.031	0.027	0.115	0.111	35.3	36.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.007	36,400	38,900	-	-
	03/09/2015	A4	-	7.1	2.49	na	0.023	0.021	0.114	0.114	37.2	37.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.008	0.009	38,300	37,300	-	-
	10/09/2015	A4	-	8.78	2.6		0.022	0.03	0.116	0.138	34.5	41.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.012	0.008	39,300	39,800	-	-
	17/09/2015	A4	-	5.06	2.03		0.025	0.025	0.108	0.118	34.2	33.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.008	39,000	37,700	-	-
	12/05/2016	A4	-	11.1	3.86	-	<0.05	0.022	0.098	0.101	34.4	35.6	<0.01	<0.01	<0.02	<0.005	<50	<10	0.01	0.005	35,500	30,900	-	-
	20/07/2018	A4	-	9.7	2.7	-	<0.1	<0.1	0.14	0.1	33.2	32.4	<0.1	<0.1	<0.05	<0.05	<10	<10	0.013	0.0101	34,500	34,800	<0.01	<0.01
	09/11/2018	A4	-	3.1	1.6	-	<0.1	<0.1	0.15	0.11	36.5	40	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0053	0.0077	42,100	42,600	<0.01	<0.01
	05/03/2019	A4	-	3	1.6	-	<0.1	<0.1	0.14	0.12	39.5	36.3	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0096	<0.005	40,300	40,400	<0.01	<0.01
	17/06/2019	A4	-	10.8	3.2	-	<0.1	<0.1	0.13	0.12	25.7	28.4	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0096	0.0087	31,700	33,600	<0.01	<0.01

Location Code	Sample Date	Sample ID	Lab Report Number	Physical Tests (*in-situ* sampling)								Calculated Parameters							
				Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life																			
	18/06/2012	A5	B252527	2.2	6.74	194	-	17.5	129	-	-	-	-	-	90,400	<10,000	<10,000	-	96,200
	24/07/2012	A5	B265706	4.2	8.21	59.9	-	16.9	160	-	-	-	-	-	98,300	<10,000	<10,000	-	109,000
	25/08/2012	A5	B276408	3	8.54	129.1	-	24.32	223.4	85.6	-	-	-	-	108,000	<10,000	<10,000	-	124,000
	17/09/2012	A5	B283851	5.7	8.8	121	-	10.02	97.9	80.1	-	-	-	-	106,000	<10,000	<10,000	-	132,000
	24/10/2012	A5	B297129	0	8.44	123.4	235.9	11.89	88.2	107.5	1.04	-	<500	-	103,000	<10,000	<10,000	-	-
	24/11/2012	A5	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	109,000	8200	9100	-	-
	15/12/2012	A5	B2B4014	3.5	8.2	-	-	10.29	83.5	153	-	-	-	-	108,000	9000	10,800	-	140,000
	24/01/2013	A5	B306701	0.45	7.95	134	252	11.65	80.7	190	-	-	-	-	107,000	9500	8100	-	143,000
	20/02/2013	A5	B314188	0.29	8.21	136	256	9.18	63.4	55	0.49	-	-	-	107,000	10,500	8600	-	134,000
	20/03/2013	A5	B322778	0.26	8.09	135	257	11.45	79	121	0.01	-	-	-	107,000	10,600	10,600	-	133,000
	17/04/2013	A5	B330896	0.2	8.8	133.5	254	11.87	81.7	130.2	0.15	-	-	-	111,000	8900	8900	-	131,000
	23/05/2013	A5	B341817	1.4	8.16	78.7	142.9	11.84	104.1	279.3	-	-	-	-	90,600	<3000	<3000	-	92,100
	20/06/2013	A5	B351922	2.5	7.85	70.6	123.9	10.93	99.4	220.5	-	-	-	-	70,000	<3000	<3000	-	71,000
	17/07/2013	A5	B361290	4.14	8.33	151	251	11.53	88.6	45	3.53	-	-	-	103,000	4700	4200	-	99,100
	26/08/2013	A5	B376191	5.2	8.12	83.6	-	9.11	86.4	198.6	-	-	-	-	110,000	6000	6300	-	130,000
	26/09/2013	A5	B388572	3.7	7.99	148.9	220.2	10.01	89.6	195.8	-	-	-	-	99,700	8400	7500	-	131,000
	26/09/2013	A5-DUP	B388572	3.7	7.99	148.9	220.2	10.01	89.6	195.8	-	-	-	-	99,500	9200	8100	-	138,000
	24/10/2013	A5	B399472	2	8.27	170.5	255.1	9.79	87.3	272.8	-	-	-	-	118,000	6100	5800	-	137,000
	21/11/2013	A5	B3A8725	0.3	8.43	-	248.3	12.02	91.2	280.3	-	-	-	-	106,000	8500	8400	-	125,000
	22/12/2013	A5	B3B7782	0.4	8.13	132.2	249	11	91.8	295.4	-	-	-	-	105,000	9300	9200	-	119,000
	28/01/2014	A5	B407313	0.3	8.28	-	252.8	10.46	82.3	192	-	-	-	-	103,000	8000	7000	-	130,000
	26/02/2014	A5	B416171	0.3	7.88	-	258.4	12.27	84.6	102.6	-	-	-	-	103,000	10,000	9400	-	135,000
	27/03/2014	A5	B424928	0.7	8.13	-	223.6	10.99	90.3	200.7	-	-	-	-	104,000	10,000	9600	-	140,000
	24/04/2014	A5	B432952	1.1	8.11	-	185.9	11.58	81.7	178	-	-	-	-	102,000	7500	8400	-	130,000
	15/05/2014	A5	B439804	2.2	8.26	-	160.8	11.52	83.7	219.5	0.91	-	-	-	109,000	3100	3600	-	121,000
	22/05/2014	A5	B442060	2.3	8.45	-	156.4	11.53	84.3	221.4	1.894	-	-	-	104,000	<3000	<3000	-	106,000
	30/05/2014	A5	B444272	0.2	8.43	-	150.9	11.1	80.8	251.5	0.78	-	-	-	100,000	<3000	<3000	-	104,000
	05/06/2014	A5	B446972	2.4	8.26	105.2	160.4	10.7	78.3	262.6	0.23	-	-	-	93,500	<3000	<3000	-	95,400
	12/06/2014	A5	B449500	2.5	8.34	-	17.17	12.11	89.3	285.9	9.72	-	-	-	101,000	<3000	<3000	-	102,000
	25/07/2014	A5	B464009	4.1	8.33	-	188.1	10.48	80.9	241.6	1.22	-	-	-	104,000	6000	4600	-	119,000
A5	21/08/2014	A5	B474408	4.8	8.96	-	203	12.3	85.1	168.6	0.678	-	-	-	110,000	6900	7100	-	127,000
	28/08/2014	A5	B476541	4.97	7.96	-	237	10.14	79.5	157	2.39	-	-	-	110,000	7000	6700	-	125,000
	05/09/2014	A5	B479164	4.56	8.48	-	225	11.31	87.8	135	0.54	-	-	-	109,000	4700	4200	-	124,000
	12/09/2014	A5	B481292	2.88	8.43	-	188	10.85	79.9	141	1.1	-	-	-	107,000	6500	6100	-	128,000
	18/09/2014	A5	B483962	3.59	7.98	-	190	10.54	79.7	131	0.17	-	-	-	107,000	4900	4900	-	129,000
	31/10/2014	A5	B499587	2.2	8.16	-	243.1	10.96	79.7	245.6	1.68	-	-	-	109,000	8200	8300	-	142,000
	27/11/2014	A5	B4A9093	0.7	8.26	-	172.3	11.04	76.8	225.4	0.63	-	-	-	102,000	7000	7200	-	130,000
	18/12/2014	A5	B4B5326	0.7	8.22	-	213	11.74	82.5	214.4	0.82	-	-	-	113,000	6200	7300	-	137,000
	22/01/2015	A5	B505986	0.2	8.09	-	218.3	13.48	82.8	209	0.13	-	-	-	109,000	8200	7900	-	139,000
	26/02/2015	A5	B516449	0.1	8.09	-	264.7	12.49	88.4	143.5	0.29	-	<500	-	110,000	8600	-	-	-
	26/03/2015	A5	B525184	1.2	8.15	-	187.8	12.18	86.2	288.5	0.65	-	<500	-	103,000	7800	-	-	-
	23/04/2015	A5	B533584	2.6	8.23	-	229.3	9.2	76.2	304.2	1.25	-	-	-	118,000	<3000	<3000	-	122,000
	14/05/2015	A5	B540628	-	-	-	-	-	-	-	-	-	-	-	115,000	3100	3300	-	128,000
	21/05/2015	A5	B542667	2.1	8.16	161.5	172	12.89	93.8	284.5	0.61	-	-	-	102,000	<3000	<3000	-	112,000
	28/05/2015	A5	B545872	2.9	8.16	-	177.3	11.21	85.3	253.6	0.01	-	-	-	108,000	<3000	<3000	-	113,000
	28/05/2015	A5-DUP	B545872	2.9	8.16	-	177.3	11.21	85.3	253.6	0.01	-	-	-	102,000	<3000	<3000	-	116,000
	05/06/2015	A5	B547761	3.8	8.08	-	176.6	10.82	82	282.4	0.8	-	-	-	104,000	<3000	<3000	-	113,000
	05/06/2015	A5-DUP	B547761	3.8	8.08	-	176.6	10.82	82	282.4	0.8	-	-	-	101,000	<3000	<3000	-	115,000
	11/06/2015	A5	B549906	3.5	8.19	-	156.8	11.3	85.2	289	0.01	-	-	-	108,000	<3000	<3000	-	115,000
	11/06/2015	A5-DUP	B549906	3.5	8.19	-	156.8	11.3	85.2	289	0.01	-	-	-	137,000	<3000	<3000	-	113,000
	23/07/2015	A5	B563471	4	8.05	-	206.4	11.28	85.4	355.4	0.1	-	-	-	113,000	6000	5700	-	126,000
	20/08/2015	A5	B572515	5	7.53	-	222.4	10.38	81.9	122	0.18	-	-	-	111,000	7300	7700	-	134,000
	27/08/2015	A5	B575103	4.9	8.01	-	223.8	10.17	79.5	120.3	0.44	-	-	-	111,000	6700	7700	-	136,000
	03/09/2015	A5	B577658	-	-	-	-	-	-	-	-	-	-	-	115,000	7300	7800	-	131,000
	11/09/2015	A5	B579637	3.7	8.03	-	213	10.1	76.5	117.9	1.19	-	-	-	111,000	7600	8200	-	138,000
	18/09/2015	A5	B582068	3.6	8.34	-	148.7	10.97	82.8	147.3	0.29	-	-	-	106,000	7800	7900	-	126,000
	12/05/2016	A5	B637198	2	8.35	-	168.4	12.35	89.3	206.8	4.69	-	-	-	113,000	<3000	<3000	-	114,000
	20/07/2018	A5	L2133661	5.27	8.39	153.3	245.9	10.48	101.9	58.8	-	110,000	<1000	<1000	110,000	6080	5580	125,000	-
	09/11/2018	A5	L2195291	2.31	8.23	140.9	247.9	10.9	98.1	46.2	0.93	114,000	<1000	<1000	114,000	9690	9220	146,000	-
	05/03/2019	A5	L2240838	0.2	8.15	-	263.4	12.03	82.9	28.8	0.53	112,000	<1000	<1000	112,000	11,200	10,700	140,000	-
	17/06/2019	A5	L2295044	6.77	5.47	131.1	199.8	9.52	96.1	114.9	0.58	107,000	6200	<1000	113,000	3040	2880	124,000	-
	15/05/2012	G1	B240844	2.6	8.19	213	-	10	77	-	-	-	-	-	92,400	<10,000	<10,000	-	102,000
	19/06/2012	G1	B252527	1.8	7.14	174	-	14.5	105	-	-	-	-	-	73,000	<10,000	<10,000	-	80,200
	25/07/2012	G1	B265706	6.1	8.32	130.4	-	9.3	90.5	-	-	-	-	-	104,000	<10,000	<10,000	-	115,000
	26/08/2012	G1	B276408	5.2	8.69	164.6	-	18.08	171.3	184	-	-	-	-	124,000	<10,000	<10,000	-	145,000
	18/09/2012	G1	B283851	4.2	8.25	167.7	-	42.26	390.6	94.6	-	-	-	-	133,000	<10,000	<10,000	-	153,000
	18/09/2012	G1-DUP	B283851	4.2	8.25	167.7	-	42.26	390.6	94.6	-	-	-	-	132,000	<10,000	<10,000	-	140,000
	25/10/2012	G1	B297129	0.01	8.18	154	294	11.96	81.8	158	3.03	-	<500	-	131,000	10,000	<10,000	-	-
	24/11/2012	G1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	115,000	7300	8700	-	-
	16/12/2012	G1	B2B4014	0.31	8.3	149	281	12.21	84.4	150	-	-	-	-	126,000	9000	10,700	-	145,000
	25/01/2013	G1	B306701	0.13	8.07	158	302	14	96.2	110	-	-	-	-	134,000	9600	8800	-	139,000
	21/02/2013	G1	B314188	0.09	8.33	162	308	12.16	83.6	97	4.39	-	-	-	136,000	9400	9000	-	151,000
	21/03/2013	G1	B322778	0.27	8.09	152	288	11.38	78.5	84	12.22	-	-	-	133,000	9700	9200	-	147,000
	18/04/2013	G1	B331290	0.2	8.16	163.9	310.8	15.26	104.8	282.9	6.77	-	-	-	131,000	10,300	9600	-	143,000
	24/05/2013	G1	B341818	1.8	8.04	77.2	139	12.12	105.8	114	-	-	-	-	81,100	3600	3100	-	88,800
	18/07/2013	G1	B361929	7.56	8.41	200	300	9.42	78.7	82	5.47	-	-	-	119,000	6300	7000	-	127,000
	27/08/2013	G1	B376651	7.2	8.18	191.6	290	89.2	10.75	154.4	-	-	-	-	164,000	8800	9200	-	178,000
	26/09/2013	G1	B388572	5.1	8.18	178.1	287.6	10.98	86.2	198.4	-	-	-	-	145,000	9200	9000	-	188,000
	23/10/2013	G1	B399458	2.9	8.27	142.3	246.8	11.48	85	363.3	-	-	-	-	153,000	7700	8300	-	177,000
	21/11/2013	G1	B3A8725	0	8.14	144.7	298.3	13.02	95.5	259.8	-	-	-	-	125,000	8600	7500	-	131,000
	23/12/2013	G1	B3B8312	0.3	8.14	151.3	307.2	12.91	94.5	214.5	-	-	-	-	127,000	8800	9600	-	143,000
	28/01/2014	G1	B407313	0	8.05	-	301.2	11.16	83.4	139.1	-	-	-	-	160,000	8800	6800	-	179,000
	27/02/2014	G1	B416171	0	8.21	-	307.4	12.4	85.4	150.3	-	-	-	-	133,000	8700	8700	-	148,000
	28/03/2014	G1	B424928	0.1	8.26	-	271.2	76.7	11.16	233.9	-	-	-	-	135,000	8900	8700	-	157,000
	25/04/2014	G1	B432952	0.6	8.12	-	241.3	12	88.6	214.9	-	-	-	-	131,000	10,700	12,500	-	160,000
	16/05/2014	G1	B439804	4.2	8.16	-	173.8	12.66	89.5	185.4	25.2	-	-	-	99,500	4600	4800	-	113,000
	23/05/2014	G1	B442060	1.8	8.34	-	135.1	13.72	98.6	226	59.08	-	-	-	84,900	3500	3300	-	89,700
	23/05/2014	G1-DUP	B442060	1.8	8.34	-	135.1	13.72	98.6	226	59.08	-	-	-	85,300	3800	<3000	-	93,400
	29/05/2014	G1	B444272	1.6	8.27	-	127.8	10.81	77.5	239.2	19.38	-	-	-	81,100	3200	3600	-	89,300
	06/06/2014	G1	B446972	2.2	8.06	-	256.1	12.98	96.4	253.1	15.52	-	-	-	75,800	3600	3400	-	84,700
	13/06/2014	G1	B449500	2.6	8.19	-	144	11.09	81.6	259.2	12.81	-	-	-	76,500	3100	3700	-	80,200
	13/06/2014	G1-DUP	B449500	2.6	8.19	-	144	11.09	81.6	259.2	12.81	-	-	-	75,900	3500	3800	-	82,800
G1	25/07/2014	G1	B464009	7.9	8.39	-	178.1	9.75	82.2	210.7	14.36	-	-	-	121,000	7700	6900	-	134,000
	22/08/2014	G1	B474408	8	8.37	-	282	9.02	82.5	175	14.96	-	-	-	134,000	8600	8500	-	148,000
	29/08/2014	G1	B476541	7.94	8.41	-	287	10.04	84.7	164	24.43	-	-	-	137,000	8200	8100	-	147,000
	29/08/2014	G1-DUP	B476541	7.94	8.41	-	287	10.04	84.7	164	24.43	-	-	-	135,000	8400	7400	-	151,000
	05/09/2014	G1-DUP	B479164	4.35	8.36	-	266	10.76	83	143	20.8	-	-	-	122,000	8800	8900	-	150,000
	06/09/2014	G1	B479164	4.35	8.36	-	266	10.76	83	143	20.8	-	-	-	121,000	8900	8000	-	143,000
	12/09/2014	G1	B481292	1.94	8.32	-	238	11.93	86.7	138	26.61	-	-	-	125,000	10,400	10,600	-	163,000
	19/09/2014	G1	B483962	6.61	8.39	-	284	9.88	80.6	156	33.21	-	-	-	132,000	8600	8500	-	153,000
	30/10/2014	G1	B499587	1.9	8.27	-	265.4	11.15	80.5	269.3	17.76	-	-	-	122,000	7900	7800	-	147,000
	28/11/2014	G1	B4A9093	-0.01	8.03	-	159.8	11.04	79.5	209.3	31.6	-	-	-	99,700	<15,000	5200	-	114,000
	18/12/2014	G1	B4B5326	0.7	8.03	-	214	12.39	86.5	118.6	11.24	-	-	-	117,000	5100	6100	-	128,000
	22/01/2015	G1	B505986	0.4	8.18	-	244.7	11.67	80.8	233.2	18.36	-	-	-	127,000	8400	6600	-	146,000
	26/02/2015	G1	B516449	0.2	8.1	-	281.3	14.33	98.6	116.7	12.23	-	<500	-	124,000	7200	-	-	-
	27/03/2015	G1	B525184	0.7	8.16	-	203.9	12.23	85.6	275.2	10.15	-	<500	-	120,000	6900	-	-	-
	24/04/2015	G1	B533584	1.1	8.33	-	242.6	10.61	75.2	306.5	18.36	-	-	-	119,000	<15,000	4700	-	126,000
	14/05/2015	G1	B540628	1.6	8.16	-	169.6	13.88	99.7	229.2	5.53	-	-	-	106,000	5100	5200	-	129,000
	22/05/2015	G1	B542667	1.8	8.25	-	149.8	13.23	95.3	279.9	9.78	-	-	-	87,500	3400	4300	-	99,600
	29/05/2015	G1	B545872	3.2	8.17	-	157.7	11.5	85.6	388.6	23.39	-	-	-	83,300	4900	4500	-	98,700
	04/06/2015	G1	B547761	3.7	8.24	-	159.7	12	90.9	352.8	16.99	-	-	-	84,500	<15,000	3500	-	95,700
	12/06/2015	G1	B549906	5.7	8.24	-	178	10.12	80.8	297.6	9.21	-	-	-	97,700	4000	3800	-	106,000
	24/07/2015	G1	B563471	7.9	8.32	-	253.1	9.5	79.9	384.1	12.32	-	-	-	140,000	<15,000	7200	-	147,000
	21/08/2015	G1	B572515	9.1	8.37	-	279.1	9.68	84.2	137.1	14.28	-	-	-	144,000	8300	8700	-	165,000
	28/08/2015	G1	B575103	8.4	8.33	-	277.3	9.89	84.4	137.1	14.42	-	-	-	143,000	8600	8700	-	163,000
	04/09/2015	G1	B577658	-	-	-	-	-	-	-	-	-	-	-	136,000	<15,000	9000	-	163,000
	10/09/2015	G1	B579637	9.1	8.37	-	279.1	9.68	84.2	137.1	14.28	-	-	-	141,000	9300	9800	-	162,000
	18/09/2015	G1	B582068	4.9	8.36	-	162.7	10.84	84.8	161.9	16.24	-	-	-	140,000	9300	9100	-	154,000
	13/05/2016	G1	B637198	1.9	8.33	-	144.8	11.62	84	222	11.36	-	-	-	94,200	-	3800	-	101,000
	20/07/2018	G1	L2133661	9.69	8.35	199.3	281	9.28	98.9	65	-	125,000	<1000	<1000	125,000	8260	7350	139,000	-
	09/11/2018	G1	L2195291	0.2	7.66	175.4	332.9	12.33	102.3	51.8	3.64	142,000	3000	<1000	145,000	13,200	12,100	171,000	-
	05/03/2019	G1	L2240838	-0.1	8.2	-	330	12.86	87.8	17.6	1.43	148,000	<1000	<1000	148,000	10,600	11,200	191,000	-
	17/06/2019	G1	L2295044	7.58	8.25	151.4	226.9	10.1	101.7	52.5	3.6	101,000	5600	<1000	107,000	5970	5640	125,000	-
	18/06/2019	G1-DUP	L2295044	7.58	8.25	151.4	226.9	10.1	101.7	52.5	3.6	99,300	5400	<1000	105,000	5960	5470	124,000	-

Sample Date	Sample ID	General Chemistry																																	
		Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG						Variable			3					Variable											150								Variable[#5]				
18/06/2012	A5	110	<0.5	<0.5	<0.5	0.0065	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0067	-	-	<0.005	-	177	-	<0.5	0.07	<0.01	-	-	-	8.08	-	3.45	93.2	-	2.1	0.25
24/07/2012	A5	120	<0.5	<0.5	<0.5	0.26	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0063	-	-	<0.005	-	204	-	<0.5	0.11	<0.01	-	-	-	8.04	-	8.59	108	-	<1	0.23
25/08/2012	A5	132	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	236	-	<0.5	0.15	<0.01	-	-	-	8.2	-	15.3	127	-	<1	<0.1
17/09/2012	A5	129	<0.5	<0.5	<0.5	0.023	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0056	-	-	<0.005	-	240	-	0.54	0.16	<0.01	-	-	-	7.95	-	19.3	124	-	1.1	<0.1
24/10/2012	A5	126	<0.5	<0.5	<0.5	0.011	-	-	-	-	0.026	-	0.026	<0.005	-	-	0.026	<0.005	-	-	<0.005	-	250	-	<0.5	0.18	<0.01	-	-	-	8.14	-	25.1	126	130	<1	<0.1
24/11/2012	A5	133	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.086	-	0.086	<0.005	-	-	0.086	0.0072	-	-	0.0064	-	250	-	0.53	0.15	<0.01	-	-	-	8.06	-	20.3	137	136	<1	<0.1
15/12/2012	A5	132	<0.5	<0.5	<0.5	<0.005	-	-	0.086	-	-	-	0.086	<0.005	-	-	-	0.0088	-	-	0.0073	-	254	-	<0.5	0.17	<0.01	-	-	-	8.14	-	24.1	137	-	<1	<0.1
24/01/2013	A5	131	<0.5	<0.5	<0.5	0.0083	-	-	0.084	-	-	-	0.084	<0.005	-	-	-	0.0104	-	-	0.0084	-	256	-	0.92	0.17	<0.01	-	-	-	8.04	-	25.7	131	-	<1	0.13
20/02/2013	A5	130	<0.5	<0.5	<0.5	0.011	-	-	0.082	-	-	-	0.082	<0.005	-	-	-	0.0076	-	-	0.0068	-	259	-	0.76	0.18	<0.01	-	-	-	8.11	-	27	134	-	<1	<0.1
20/03/2013	A5	131	<0.5	<0.5	<0.5	0.012	-	-	0.086	-	-	-	0.086	<0.005	-	-	-	0.0065	-	-	0.0062	-	262	-	0.72	0.18	<0.01	-	-	-	8.07	-	28.9	137	-	<1	<0.1
17/04/2013	A5	135	<0.5	<0.5	<0.5	0.01	-	-	0.069	-	-	-	0.069	<0.005	-	-	-	0.0068	-	-	0.0052	-	254	-	0.54	0.17	<0.01	-	-	-	8.18	-	26	132	-	<1	<0.1
23/05/2013	A5	111	<0.5	<0.5	<0.5	0.031	-	-	0.024	-	-	-	0.024	<0.005	-	-	-	0.0112	-	-	0.0055	-	176	-	<0.5	0.067	<0.01	-	-	-	8.18	-	3.7	93.4	-	2.6	0.31
20/06/2013	A5	85.4	<0.5	<0.5	<0.5	0.02	-	-	0.035	-	-	-	0.035	<0.005	-	-	-	0.0873	-	-	<0.005	-	141	-	<0.5	0.058	<0.01	-	2.49	3.48	8.01	-	2.66	104	-	69.4	2.55
17/07/2013	A5	126	<0.5	<0.5	<0.5	0.011	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0058	-	-	<0.005	-	215	-	<0.5	0.12	<0.01	-	1.4	1.43	8.03	-	10.7	95	-	<1	<0.1
26/08/2013	A5	134	<0.5	<0.5	<0.5	0.007	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	0.0079	-	-	<0.005	-	242	-	<0.5	0.13	<0.01	-	0.64	0.53	8.24	-	18.6	132	-	<1	0.11
26/09/2013	A5	122	<0.5	<0.5	<0.5	0.0089	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	0.0054	-	-	0.0054	-	247	-	0.57	0.16	<0.01	-	0.84	1.28	8.25	-	25.2	133	-	<1	0.17
26/09/2013	A5-DUP	121	<0.5	<0.5	<0.5	0.0072	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	0.0059	-	-	0.0052	-	248	-	0.65	0.16	<0.01	-	<0.5	0.76	8.27	-	21.9	139	-	<2	0.28
24/10/2013	A5	143	<0.5	<0.5	<0.5	0.0082	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0051	-	-	<0.005	-	254	-	<0.5	0.12	<0.01	-	0.88	1	8.13	-	16.5	141	-	<1	<0.1
21/11/2013	A5	129	<0.5	<0.5	<0.5	0.012	-	-	0.084	-	-	-	0.084	<0.005	-	-	-	0.0198	-	-	0.0053	-	252	-	<0.5	0.16	<0.01	-	<0.5	0.85	8.14	-	23.6	127	-	<1	<0.1
22/12/2013	A5	128	<0.5	<0.5	<0.5	0.015	-	-	0.104	-	-	-	0.104	<0.005	-	-	-	0.0057	-	-	0.0057	-	251	-	<0.5	0.15	<0.01	-	0.54	0.59	7.98	-	26.6	126	-	<1	<0.1
28/01/2014	A5	126	<0.5	<0.5	<0.5	0.0096	-	-	0.099	-	-	-	0.099	<0.005	-	-	-	0.0055	-	-	0.0058	-	258	-	<0.5	0.18	<0.01	-	<0.5	<0.5	8.11	-	28.5	134	-	<1	0.15
26/02/2014	A5	126	<0.5	<0.5	<0.5	0.026	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0064	-	-	0.0063	-	260	-	<0.5	0.17	<0.01	-	0.63	0.68	8.18	-	29.6	135	-	<1	<0.1
27/03/2014	A5	127	<0.5	<0.5	<0.5	0.0056	-	-	0.101	-	-	-	0.101	<0.005	-	-	-	0.0068	-	-	0.007	-	257	-	<0.5	0.17	<0.01	-	<0.5	0.69	8.19	-	30.3	131	-	<1	0.18
24/04/2014	A5	125	<0.5	<0.5	<0.5	0.0058	-	-	0.107	-	-	-	0.107	<0.005	-	-	-	0.0057	-	-	<0.005	-	240	-	1.5	0.17	<0.01	-	1.48	0.86	8.24	-	21.1	126	-	<1	<0.1
15/05/2014	A5	133	<0.5	<0.5	<0.5	0.03	-	-	0.056	-	-	-	0.056	<0.005	-	-	-	0.0066	-	-	0.0059	-	222	-	<0.5	0.1	<0.01	-	<0.5	1.42	8.18	-	9.7	120	-	<1	0.11
22/05/2014	A5	128	<0.5	<0.5	<0.5	0.014	-	-	0.072	-	-	-	0.072	<0.005	-	-	-	0.008	-	-	<0.005	-	208	-	<0.5	0.077	<0.01	-	2.22	3.95	8.17	-	4.23	108	-	1.5	0.19
30/05/2014	A5	122	<0.5	<0.5	<0.5	0.017	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	<0.005	-	-	<0.005	-	201	-	<0.5	0.084	<0.01	-	1.89	1.43	8.17	-	5.87	107	-	<1	<0.1
05/06/2014	A5	114	<0.5	<0.5	<0.5	0.011	-	-	-	-	-	-	0.028	-	-	-	-	<0.005	-	-	<0.005	-	185	-	<0.5	0.078	<0.01	-	1.8	1.21	8.09	-	4.07	91.6	-	<1	0.12
12/06/2014	A5	123	<0.5	<0.5	<0.5	0.023	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	200	-	<0.5	0.084	<0.01	-	0.95	1.78	8.21	-	4.67	110	-	<1	<0.1
25/07/2014	A5	127	<0.5	<0.5	<0.5	0.0097	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0063	-	-	<0.005	-	221	-	<0.5	0.13	<0.01	-	1.92	<0.5	8.14	-	12	127	-	<1	<0.1
21/08/2014	A5	135	<0.5	<0.5	<0.5	0.0093	-	-	0.039	-	-	-	0.039	<0.005	-	-	-	0.0053	-	-	<0.005	-	247	-	<0.5	0.14	<0.01	-	1.22	1.49	8.18	-	20	128	-	<1	0.13
28/08/2014	A5	134	<0.5	<0.5	<0.5	0.032	-	-	0.044	-	-	-	0.044	<0.005	-	-	-	<0.005	-	-	<0.005	-	244	-	<0.5	0.15	<0.01	-	0.56	1.6	8.22	-	18.9	119	-	<1	<0.1
05/09/2014	A5	133	<0.5	<0.5	<0.5	0.014	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0051	-	-	<0.005	-	229	-	<0.5	0.15	<0.01	-	0.63	0.87	8.25	-	13.6	124	-	<1	<0.1
12/09/2014	A5	130	<0.5	<0.5	<0.5	0.037	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	<0.005	-	-	<0.005	-	224	-	<0.5	0.15	<0.01	-	1.3	2.15	8.11	-	15.1	136	-	<1	<0.1
18/09/2014	A5	131	<0.5	<0.5	<0.5	0.0074	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	0.0052	-	-	<0.005	-	226	-	<0.5	0.15	<0.01	-	1.3	1.62	8.17	-	13	129	-	3.6	0.17
31/10/2014	A5	133	<0.5	<0.5	<0.5	0.0093	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.0072	-	-	0.0057	-	245	-	0.65	0.14	<0.01	-	0.7	0.55	8.01	-	22.9	134	-	1	0.1
27/11/2014	A5	124	<0.5	<0.5	<0.5	<0.005	-	-	0.09	-	-	-	0.09	<0.005	-	-	-	0.0075	-	-	0.0054	-	239	-	<0.5	0.13	<0.01	-	1.59	2.64	8.06	-	20.9	129	-	<1	1.33
18/12/2014	A5	138	<0.5	<0.5	<0.5	<0.005	-	-	0.091	-	-	-	0.091	<0.005	-	-	-	0.007	-	-	0.0057	-	255	-	0.8	0.15	<0.01	-	<0.5	0.56	8.18	-	21.9	125	-	<1	<0.1
22/01/2015	A5	134	<0.5	<0.5	<0.5	<0.005	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0084	-	-	0.0063	-	260	-	<0.5	0.17	<0.01	-	<0.5	<0.5	8.1	-	24.8	145	-	<1	<0.1
26/02/2015	A5	134	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.073	-	0.073	<0.005	-	-	-	0.0057	-	-	0.0055	-	260	-	<0.5	0.16	<0.01	-	1.55	0.59	8.04	-	26.8	139	137	<1	<0.1
26/03/2015	A5	126	<0.5	<0.5	<0.5	0.0076	-	-	-	-	0.05	-	0.05	<0.005	-	-	-	0.0342	-	-	0.0051	-	248	-	<0.5	0.15	<0.01	-	0.9	1.29	8.09	-	22.1	132	129	<1	0.15
23/04/2015	A5	145	<0.5	<0.5	<0.5	0.0061	-	-	0.054	-	-	-	0.054	<0.005	-	-	-	0.0065	-	-	0.0053	-	238	-	<0.5	0.11	<0.01	-	2.01	5.84	8.19	-	7.87	123	-	<1	0.22
14/05/2015	A5	141	<0.5	<0.5	<0.5	0.0097	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0042	-	-	<0.005	-	232	-	<0.5	0.093	<0.01	-	0.88	1.08	8.13	-	7.86	134	-	<1	0.15
21/05/2015	A5	124	<0.5	<0.5	<0.5	0.035	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	<0.005	-	-	<0.005	-	209	-	0.51	0.08	<0.01	-	1.72	1.26	8.13	-	5.75	108	-	<1	<0.1
28/05/2015	A5	132	<0.5	<0.5	<0.5	<0.005	-	-	0.023	-	-	-	0.023	<0.005	-	-	-	<0.005	-	-	<0.005	-	213	-	0.76	0.073	<0.01	-	1.84	0.62	8.18	-	4.78	111	-	1.1	0.1
28/05/2015	A5-DUP	125	<0.5	<0.5	<0.5	0.0067	-	-	0.023	-	-	-	0.023	<0.005	-	-	-	0.009	-	-	<0.005	-	210	-	<0.5	0.073	<0.01	-	1.6	0.94	8.05	-	4.79	114	-	<1	0.42
05/06/2015	A5	127	<0.5	<0.5	<0.5	0.0083	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	209	-	<0.5	0.078	<0.01	-	0.62	1.23	8.13	-	4.92	113	-	1	<0.1
05/06/2015	A5-DUP	124	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0054	-	-	<0.005	-	211	-	<0.5	0.08	<0.01	-	1.15	0.94	8.05	-	4.98	115	-	<1	0.35
11/06/2015	A5	132	<0.5	<0.5	<0.5	0.0066	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0058	-	-	<0.005	-	213	-	<0.5	0.086	<0.01	-	1.28	0.78	8.15	-	7.61	111	-	<1	<0.1
11/06/2015	A5-DUP	168	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	213	-	<0.5	0.088	<0.01	-	<0.5	0.83	8.17	-	7.14	110	-	<1	<0.1
23/07/2015	A5	138	<0.5	<0.5	<0.5	0.0065	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	0.0061	-	-	<0.005	-	247	-	<0.5	0.12	<0.01	-	1.01	1.76	8.24	-	17	124	-	<1	<0.1
20/08/2015	A5	135	<0.5	<0.5	<0.5	0.021	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.006	-	-	<0.005	-	254	-	<0.5	0.15	<0.01	-	<0.5	<0.5	8.08	-	20.4	138	-	1.1	<0.1
27/08/2015	A5	136	<0.5	<0.5	<0.5	0.0089	-	-	0.038	-	-	-	0.038	<0.005	-	-	-	0.0058	-	-	<0.005	-	257	-	0.56	0.14	<0.01	-	<0.5	0.6	8.09	-	21.5	127	-	<1	<0.1
03/09/2015	A5	141	<0.5	<0.5	<0.5	0.022	-	-	0.042	-	-	-	0.042	<0.005	-	-	-	0.0052	-	-	<0.005	-	258	-	0.79	0.15	<0.01	-	<0.5	<0.5	8.3	-	21.5	137	-	1	0.34
11/09/2015	A5	135	<0.5	<0.5	<0.5	0.007	-	-	0.039	-	-	-	0.039	<0.005	-	-	-	<0.005	-	-	<0.005	-	254	-	0.71	0.15	<0.01	-	<0.5	1.2	8.2	-	21.9	135	-	<1	0.14
18/09/2015	A5	129	<0.5	<0.5	<0.5	0.013	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	0.0072	-	-	<0.005	-	251	-	0.71	0.14	<0.01	-	<0.5	<0.5	-	-	22.2	129	-	<1	<0.1
12/05/2016	A5	137	<0.5	<0.5	<0.5	0.033	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	<0.005	-	-	<0.005	-	220	-	0.53	0.094	<0.01	-	0.66	0.78	8.23	-	7.12	116	-	<1	<0.1
20/07/2018	A5	-	-	-	-	-	0.0054	<0.05	0.0238	-	-	-	0.0238	<0.001	-	-	-	<0.05 - 0.0054	<0.05	-	-	0.0041	242	<0.5	-	0.121	<0.05	-	0.54	0.57	8.38	17	-	-	-	<3	0.22
09/11/2018	A5	-	-	-	-	-	0.0086	<0.05	0.0636	-	-	-	0.0636	<0.001	-	-	-	<0.05 - 0.0044	<0.05	-	-	0.0036	256	<0.5	-	0.169	<0.05	-	<0.5	0.63	8.23	27.9	-	-	-	<3	<0.1
05/03/2019	A5	-	-	-	-	-	0.0054	<0.05	0.105	-	-	-	0.105	<0.001	-	-	-	<0.05 - 0.0082	<0.05	-	-	0.0065	269	<0.5	-	0.187	<0.05	-	<0.5	0.52	8.16	33.5	-	-	-	<3	<0.1
17/06/2019	A5	-	-	-	-	-	0.0295	0.061	0.0218	-	-	-	0.0218	<0.001	-	-	-	<0.05 - 0.0044	<0.05	-	-	0.0011	221	<0.5	-	0.117	<0.05	-	1	0.94	8.38	8.48	-	-	-	<3	<0.1
15/05/2012	G1	113	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	0.027	0.0179	-	-	-	0.476	-	-	0.0157	-	199	-	0.96	0.083	<0.01	-	-	-	8.09	-	10.7	121	-	224	78.7
19/06/2012	G1	89	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	0.0078	-	-	-	0.202	-	-	0.0192	-	158	-	0.5	0.067	<0.01	-	-	-	8	-	8.91	79.7	-	48.7	16.7
25/07/2012	G1	126	<0.5	<0.5	<0.5	0.077	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0353	-	-	0.0159	-	225	-	0.58	0.082	<0.01	-	-	-	8.08	-	14.9	109	-	3	1.77
26/08/2012	G1	152	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0188	-	-	0.0123	-	277	-	0.86	0.097	<0.01	-	-	-	8.06	-	19.8	145	-	1.6	1.36
18/09/2012	G1	163	<0.5	<0.5	<0.5	0.0095	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0169	-	-	0.0137	-	292	-	0.97	0.095	<0.01	-	-	-	8.14	-	21.6	140	-	1.9	1.6
18/09/2012	G1-DUP	-	-	-	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0173	-	-	0.0128	-	297	-	0.59	0.1	<0.01	-	-	-	8.3	-	22.2	159	-	1.6	2.16
25/10/2012	G1	159	<0.5	<0.5	<0.5	0.024	-	-	-	-	<0.02	-	<0.02	<0.005	-	-	<0.02	0.0172	-	-	0.0118	-	304	-	0.92	0.093	<0.01	-	-	-	8.28	-	28.8	146	150	<1	1.65
24/11/2012	G1	140	<0.5	<0.5	<0.5	0.0058	-	-	-	-	0.021	-	0.021	<0.005	-	-	0.021	0.02	-	-	0.0122	-	263	-	1.2	0.083	<0.01	-	-	-	8.09	-	20.6	135	137	1.6	2.41
16/12/2012	G1	153	<0.5	<0.5	<0.5	<0.005	-	-	0.026	-	-	-	0.026	<0.005	-	-	-	0.0195	-	-	0.0109	-	284	-	0.72	0.1	<0.01	-	-	-	8.17	-	24.2	146	-	1.1	2.45
25/01/2013	G1	163	<0.5	<0.5	<0.5	0.009	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	0.0242	-	-	0.0197	-	300	-	1.3	0.094	<0.01	-	-	-	8.11	-	24.9	148	-	5.9	3.85
21/02/2013	G1	166	<0.5	<0.5	<0.5	0.0075	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	0.0251	-	-	0.0158	-	309	-	1.4	0.099	<0.01	-	-	-	8.2	-	25.7	155	-	7.2	3.11
21/03/2013	G1	162	<0.5	<0.5	<0.5	0.019	-	-	0.033	-	-	-	0.033	<0.005	-	-	-	0.0224	-	-	0.0209	-	302	-	1.1	0.098	<0.01	-	-	-	8.18	-	25	147	-	2.6	6.48
18/04/2013	G1	160	<0.5	<0.5	<0.5	0.0074	-	-	0.029	-	-	-	0.029	<0.005	-	-	-	0.0165	-	-	0.0177	-	304	-	1.1	0.1	<0.01	-	-	-	8.14	-	28.5	150	-	2	2.58
24/05/2013	G1	99	<0.5	<0.5	<0.5	0.032	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.117	-	-	0.0183	-	171	-	0.52	0.071	<0.01	-	-	-	8.14	-	10.1	90.4	-	73.6	24.4
18/07/2013	G1	145	<0.5	<0.5	<0.5	0.008	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0178	-	-	0.0142	-	255	-	0.76	0.091	<0.01	-	2.04	2.19	8.28	-	19	124	-	1	1.32
27/08/2013	G1	195	2.68	<0.5	2.23	0.0083	-	-	0.062	-	-	-	0.062	<0.005	-	-	-	<0.005	-	-	<0.005	-	348	-	1.1	0.22	<0.01	-	<0.5	0.91	8.4	-	24.7	183	-	<1	0.17
26/09/2013	G1	170	3.1	<0.5	2.58	0.014	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	<0.005	-	-	<0.005	-	339	-	0.98	0.21	<0.01	-	1.04	1.38	8.41	-	24.9	181	-	<1	0.34
23/10/2013	G1	187	<0.5	<0.5	<0.5	0.018	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	<0.005	-	-	<0.005	-	335	-	0.74	0.21	<0.01	-	1.01	<0.5	8.24	-	25	186	-	1.8	0.12
21/11/2013	G1	152	<0.5	<0.5	<0.5	0.026	-	-	0.025	-	-	-	0.025	<0.005	-	-	-	0.0183	-	-	0.0144	-	285	-	<0.5	0.097	<0.01	-	1.44	1.85	8.19	-	24.7	132	-	<1	1.04
23/12/2013	G1	155	<0.5	<0.5	<0.5	0.02	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0166	-	-	0.0141	-	287	-	0.96	0.09	<0.01	-	1.58	2.16	8.05	-	26.2	150	-	<1	1.86
28/01/2014	G1	195	<0.5	<0.5	<0.5	0.0078	-	-	0.137	-	-	-	0.137	<0.005	-	-	-	<0.005	-	-	<0.005	-	354	-	0.88	0.14	<0.01	-	<0.5	0.69	8.27	-	27.5	179	-	1.3	0.18
27/02/2014	G1	162	<0.5	<0.5	<0.5	0.016	-	-	0.036	-	-	-	0.036	<0.005	-	-	-	0.0185	-	-	0.0155	-	308	-	1.3	0.096	<0.01	-	1.55	1.67	8.27	-	28.6	150	-	<1	2.99
28/03/2014	G1	165	<0.5	<0.5	<0.5	0.0084	-	-	0.032	-	-	-	0.032	<0.005	-	-	-	0.0148	-	-	0.0124	-	311	-	1.8	0.092	<0.01	-	1.3	1.89	8.18	-	27.4	157	-	1	1.52
25/04/2014	G1	158	0.78	<0.5	0.65	<0.005	-	-	0.043	-	-	-	0.043	<0.005	-	-	-	0.0199	-	-	0.0163	-	314	-	0.76	0.1	<0.01	-	2.78	3.32	8.31	-	31	158	-	6.5	5.68
16/05/2014	G1	121	<0.5	<0.5	<0.5	0.016	-	-	0.05	-	-	-	0.058	0.0084	-	-	-	0.119	-	-	0.0248	-	215	-	0.51	0.07	<0.01	-	4.64	4.82	8.1	-	13.2	114	-	36.5	22.5
23/05/2014	G1	104	<0.5	<0.5	<0.5	0.01	-	-	0.025	-	-	-	0.031	0.0056	-	-	-	0.162	-	-	0.0274	-	180	-	<0.5	0.071	<0.01	-	6.09	6.2	8.07	-	9.74	105	-	43.5	24.7
23/05/2014	G1-DUP	104	<0.5	<0.5	<0.5	0.0083	-	-	0.023	-	-	-	0.028	0.0051	-	-	-	0.17	-	-	0.0135	-	181	-	0.53	0.071	<0.01	-	6.35	10.2	8.07	-	9.65	104	-	49.5	27.2
29/05/2014	G1	99	<0.5	<0.5	<0.5	0.014	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0577	-	-	0.0238	-	178	-	<0.5	0.078	<0.01	-	5.07	5.09	8.09	-	11.5	92.1	-	18.8	10.1
06/06/2014	G1	92.5	<0.5	<0.5	<0.5	0.014	-	-	-	-	-	-	<0.02	-	-	-	-	0.0171	-	-	0.0202	-	168	-	0.76	0.074	<0.01	-	4.12	3.7	8	-	9.46	85.6	-	20.3	14.4
13/06/2014	G1	93.4	<0.5	<0.5	<0.5	0.0067	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0691	-	-	0.0264	-	168	-	<0.5	0.074	<0.01	-	2.58	4.38	8.07	-	10	87.5	-	13.5	9.49
13/06/2014	G1-DUP	92.6	<0.5	<0.5	<0.5	0.024	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0535	-	-	0.0257	-	167	-	<0.5	0.073	<0.01	-	4.49	6.16	8.06	-	9.57	86.6	-	14.3	8.34
25/07/2014	G1	148	<0.5	<0.5	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0333	-	-	0.0236	-	263	-	<0.5	0.094	<0.01	-	1.94	1.67	8.21	-	18.8	143	-	8	7.17
22/08/2014	G1	162	0.84	<0.5	0.7	0.017	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.032	-	-	0.0131	-	295	-	2.2	0.19	<0.01	-	1.94	1.96	8.3	-	23.9	152	-	12.8	14.8
29/08/2014	G1	165	1.02	<0.5	0.85	0.015	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0433	-	-	0.0365	-	296	-	0.66	0.099	<0.01	-	2.2	1.62	8.31	-	24.3	147	-	7.5	15.9
29/08/2014	G1-DUP	165	<0.5	<0.5	<0.5	0.016	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.039	-	-	0.0375	-	296	-	0.87	0.099	<0.01	-	1.45	1.43	8.29	-	23.8	154	-	10.2	15.9
05/09/2014	G1-DUP	148	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	0.0052	-	-	-	0.0442	-	-	0.0221	-	274	-	0.8	0.088	<0.01	-	2.9	2.8	8.24	-	24.9	135	-	13	12.9
06/09/2014	G1	148	<0.5	<0.5	<0.5	0.029	-	-	<0.02	-	-	-	<0.02	0.005	-	-	-	0.0371	-	-	0.0212	-	274	-	0.58	0.086	<0.01	-	2.85	3.27	8.19	-	23.9	140	-	12.1	13.6
12/09/2014	G1	153	<0.5	<0.5	<0.5	0.014	-	-	<0.02	-	-	-	<0.02	0.0061	-	-	-	0.0314	-	-	0.0261	-	283	-	1	0.089	<0.01	-	1.7	2.69	8.23	-	25.1	166	-	7	8.79
19/09/2014	G1	161	<0.5	<0.5	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	0.0097	-	-	-	0.0603	-	-	0.0481	-	289	-	0.68	0.098	<0.01	-	2.62	2.66	8.29	-	24	159	-	13.3	21
30/10/2014	G1	149	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0338	-	-	0.0221	-	268	-	0.97	0.083	<0.01	-	2.9	2.43	8.13	-	23.4	134	-	5.2	10.4
28/11/2014	G1	122	<0.5	<0.5	<0.5	0.059	-	-	0.03	-	-	-	0.04	0.0103	-	-	-	0.107	-	-	0.0275	-	219	-	0.79	0.076	<0.01	-	3.53	4.84	8.01	-	23.3	120	-	32.9	29.1
18/12/2014	G1	142	<0.5	<0.5	<0.5	<0.005	-	-	0.028	-	-	-	0.028	<0.005	-	-	-	0.0302	-	-	0.0293	-	252	-	1.2	0.08	<0.01	-	1.99	2.51	8.15	-	18.5	122	-	3.4	0.13
22/01/2015	G1	155	<0.5	<0.5	<0.5	<0.005	-	-	0.029	-	-	-	0.042	0.0131	-	-	-	0.0645	-	-	0.0115	-	288	-	1.3	0.096	<0.01	-	1.18	1.17	8.15	-	23.5	156	-	18	30.1
26/02/2015	G1	151	<0.5	<0.5	<0.5	0.0075	-	-	-	-	<0.02	-	0.031	0.0108	-	-	-	0.0434	-	-	0.0428	-	278	-	0.89	0.079	<0.01	-	1.6	2.43	8.23	-	22.9	145	139	13.2	22.2
27/03/2015	G1	147	<0.5	<0.5	<0.5	0.011	-	-	-	-	<0.02	-	<0.02	<0.005	-	-	-	0.061	-	-	0.016	-	278	-	0.61	0.086	<0.01	-	2.61	2.59	8.1	-	20.7	137	135	4.1	6.49
24/04/2015	G1	145	<0.5	<0.5	<0.5	0.007	-	-	0.027	-	-	-	0.035	0.008	-	-	-	0.0851	-	-	0.0278	-	255	-	0.58	0.077	<0.01	-	1.77	2.61	8.23	-	13.9	128	-	22.8	11.6
14/05/2015	G1	129	<0.5	<0.5	<0.5	0.007	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0253	-	-	0.0139	-	232	-	<0.5	0.075	<0.01	-	1.7	1.77	8.09	-	12.6	125	-	7.4	3.62
22/05/2015	G1	107	<0.5	<0.5	<0.5	0.015	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0386	-	-	0.0141	-	195	-	0.53	0.069	<0.01	-	2.74	3.26	8.06	-	10.2	98.1	-	15.4	4.16
29/05/2015	G1	102	<0.5	<0.5	<0.5	0.014	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0193	-	-	0.0176	-	186	-	<0.5	0.065	<0.01	-	2.55	2.57	8.02	-	11.1	100	-	61.7	17.8
04/06/2015	G1	103	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	0.0052	-	-	-	0.101	-	-	0.0172	-	191	-	<0.5	0.07	<0.01	-	2.88	3.29	8.04	-	10.3	102	-	81.3	21.8
12/06/2015	G1	119	<0.5	<0.5	<0.5	0.016	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0351	-	-	0.0195	-	212	-	<0.5	0.076	<0.01	-	1.24	2.8	8.16	-	12.6	108	-	8.9	2.73
24/07/2015	G1	168	1.24	<0.5	1.03	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0369	-	-	0.0114	-	302	-	0.64	0.096	<0.01	-	0.81	<0.5	8.33	-	22.9	152	-	10.5	9.11
21/08/2015	G1	175	<0.5	<0.5	<0.5	0.0087	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0335	-	-	0.0131	-	321	-	0.82	0.1	<0.01	-	0.95	1.1	8.11	-	24.3	167	-	6.8	7.24
28/08/2015	G1	174	<0.5	<0.5	<0.5	0.019	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0286	-	-	0.0126	-	327	-	0.82	0.095	<0.01	-	1.2	1.2	8.2	-	24	163	-	7.9	5.3
04/09/2015	G1	166	<0.5	<0.5	<0.5	0.013	-	-	<0.02	-	-	-	<0.02	0.0054	-	-	-	0.043	-	-	0.0207	-	307	-	1.1	0.1	<0.01	-	1.4	1.2	8.08	-	24.5	152	-	15.6	12
10/09/2015	G1	171	<0.5	<0.5	<0.5	0.0081	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0312	-	-	0.0148	-	317	-	0.92	0.099	<0.01	-	1.5	1.4	8.31	-	27.5	160	-	9.5	6.29
18/09/2015	G1	171	<0.5	<0.5	<0.5	0.023	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.012	-	-	0.0252	-	322	-	1.2	0.087	<0.01	-	1.4	1.3	-	-	25.8	164	-	5.7	7.29
13/05/2016	G1	115	<0.5	<0.5	<0.5	0.012	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0235	-	-	0.0176	-	200	-	0.68	0.08	<0.01	-	1.71	2.12	8.14	-	12.7	-	-	10.6	4.44
20/07/2018	G1	-	-	-	-	-	<0.005	<0.05	<0.005	-	-	-	<0.0051	<0.001	-	-	-	<0.05 - 0.017	<0.05	-	-	0.0139	282	<0.5	-	0.094	<0.05	-	1.34	1.32	8.43	22.8	-	-	-	<3	0.87
09/11/2018	G1	-	-	-	-	-	<0.005	0.054	0.01	-	-	-	0.01	<0.001	-	-	-	0.0136 - 0.051	<0.05	-	-	0.0104	327	0.81	-	0.101	<0.05	-	1.85	1.98	8.31	37.3	-	-	-	<3	1.31
05/03/2019	G1	-	-	-	-	-	<0.005	<0.05	0.044	-	-	-	0.044	<0.001	-	-	-	<0.05 - 0.0114	<0.05	-	-	0.0103	341	1.1	-	0.107	<0.05	-	1.26	1.33	8.11	30.8	-	-	-	<3	0.87
17/06/2019	G1	-	-	-	-	-	<0.005	0.089	<0.005	-	-	-	<0.0051	<0.001	-	-	-	<0.05 - 0.0253	<0.05	-	-	0.0158	226	<0.5	-	0.091	<0.05	-	1.95	1.92	8.37	17	-	-	-	3.5	1.86
18/06/2019	G1-DUP	-	-	-	-	-	<0.005	0.087	<0.005	-	-	-	<0.0051	<0.001	-	-	-	<0.05 - 0.0234	<0.05	-	-	0.0157	228	<0.5	-	0.092	<0.05	-	1.82	1.78	8.38	17	-	-	-	4.7	1.86

Sample Date	Sample ID	Metals																					
		Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Aluminium (Filtered) Averaged	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01
BC WQG				50	50											1200			Variable[#8]				
18/06/2012	A5	-	13	6.54	-	0.021	0.026	0.07	0.08	19.5	18.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.0114	0.0072	25,400	26,900	-	-
24/07/2012	A5	-	5.64	7.06	-	0.028	0.03	0.114	0.109	23.5	24	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.024	28,200	29,000	-	-
25/08/2012	A5	-	4.76	3.62	-	0.021	<0.02	0.114	0.071	30.4	30.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.007	32,800	31,500	-	-
17/09/2012	A5	-	1.58	0.86	-	<0.02	<0.02	0.084	0.103	33.4	32.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	31,200	33,000	-	-
24/10/2012	A5	-	2.3	1.05	-	<0.02	0.021	0.102	0.069	32.4	33.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.293	0.029	31,700	32,200	-	-
24/11/2012	A5	-	2.12	1.19	-	<0.02	0.024	0.085	0.086	34.7	34.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.006	34,500	34,500	-	-
15/12/2012	A5	-	1.5	1.47	-	<0.02	0.026	0.116	0.121	35.6	36	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.01	33,000	33,700	-	-
24/01/2013	A5	-	26.5	7.21	-	0.022	<0.02	0.109	0.118	36.5	35.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	<0.005	32,700	37,100	-	-
20/02/2013	A5	-	1.88	0.78	-	<0.02	<0.02	0.111	0.109	35.4	35.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	32,600	32,800	-	-
20/03/2013	A5	-	1.94	1.84	-	<0.02	0.021	0.095	0.111	35.3	35.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.01	33,800	32,200	-	-
17/04/2013	A5	-	1.98	1.53	-	<0.02	<0.02	0.104	0.108	34.7	34.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	31,600	31,600	-	-
23/05/2013	A5	-	19.7	6.45	-	0.02	0.043	0.126	0.106	19.3	19.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.005	25,000	25,600	-	-
20/06/2013	A5	-	226	11	-	0.028	0.022	0.194	0.09	20	13.7	0.018	<0.01	<0.005	<0.005	<50	<50	0.085	0.008	27,200	20,000	-	-
17/07/2013	A5	-	1.96	1.64	-	<0.02	<0.02	0.116	0.091	21.3	23.3	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	0.006	24,700	25,000	-	-
26/08/2013	A5	-	3.02	2.16	-	<0.02	<0.02	0.115	0.28	33	33.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	33,200	32,900	-	-
26/09/2013	A5	-	1.54	1.16	-	<0.02	<0.02	0.107	0.084	31.7	33.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	32,800	33,300	-	-
26/09/2013	A5-DUP	-	2.59	1.15	-	<0.02	<0.02	0.106	0.079	32.6	32	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	<0.005	34,100	35,200	-	-
24/10/2013	A5	-	2.37	1.35	-	<0.02	0.024	0.099	0.103	44.5	46.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.007	37,600	36,500	-	-
21/11/2013	A5	-	10.8	<0.5	-	<0.02	<0.02	0.115	0.114	32.2	30	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	29,600	30,300	-	-
22/12/2013	A5	-	2.72	1.79	-	0.02	<0.02	0.128	0.116	32.3	31.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	30,900	29,400	-	-
28/01/2014	A5	-	1.23	0.99	-	<0.02	<0.02	0.107	0.105	34.8	34.3	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	<0.005	33,200	32,400	-	-
26/02/2014	A5	-	1.18	0.9	-	<0.02	<0.02	0.103	0.114	32.5	33.1	<0.01	<0.01	0.011	<0.005	<50	<50	0.006	0.005	33,300	32,400	-	-
27/03/2014	A5	-	0.95	0.64	-	0.021	<0.02	0.112	0.118	34.8	34.1	<0.01	<0.01	<0.005	<0.005	<50	<50	<0.005	0.005	31,900	34,200	-	-
24/04/2014	A5	-	1.47	1.42	-	<0.02	<0.02	0.123	0.113	32	32	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	30,800	32,000	-	-
15/05/2014	A5	-	8.63	2.89		<0.02	<0.02	0.131	0.124	28.7	29.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.005	30,100	29,600	-	-
22/05/2014	A5	-	11.2	3.84		0.021	0.02	0.11	0.105	21.6	21.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.007	29,700	29,400	-	-
30/05/2014	A5	-	6.11	2.74	na	<0.02	<0.02	0.109	0.102	21	20.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	28,800	27,300	-	-
05/06/2014	A5	-	6.37	4.59		0.033	<0.02	0.093	0.107	18.9	19.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	25,000	26,000	-	-
12/06/2014	A5	-	3.58	2.74		0.02	0.02	0.084	0.098	21.8	21.5	<0.01	<0.01	<0.005	0.006	<50	<50	<0.005	0.008	30,900	27,300	-	-
25/07/2014	A5	-	3.23	2.99	-	<0.02	0.032	0.09	0.101	26.8	26.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.007	32,500	31,600	-	-
21/08/2014	A5	-	2.27	1.03		<0.02	<0.02	0.126	0.111	32.3	32.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.006	31,700	32,200	-	-
28/08/2014	A5	-	3.76	2.62		<0.02	0.02	0.122	0.105	30.6	30.9	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	29,900	31,600	-	-
05/09/2014	A5	-	2.37	1.51	na	<0.02	0.021	0.087	0.074	26.6	27.9	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	32,900	32,800	-	-
12/09/2014	A5	-	4.42	1.74		<0.02	<0.02	0.092	0.105	25.5	25.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.006	0.006	35,500	32,900	-	-
18/09/2014	A5	-	3.54	1.52		0.02	0.02	0.092	0.089	26.7	26.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.007	33,800	34,400	-	-
31/10/2014	A5	-	2.6	1.79	-	<0.02	<0.02	0.103	0.091	32.5	34.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	31,500	35,900	-	-
27/11/2014	A5	-	2.85	1.68	-	<0.02	<0.02	0.104	0.099	34.2	33.8	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	0.0058	31,900	31,500	-	-
18/12/2014	A5	-	4.39	2.8	-	<0.02	0.02	0.087	0.108	33.5	33.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0055	0.005	32,400	34,400	-	-
22/01/2015	A5	-	2.15	1.42	-	<0.02	<0.02	0.116	0.12	35.8	35.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.006	34,200	33,300	-	-
26/02/2015	A5	8900	1.55	1.46	-	<0.02	<0.02	0.09	0.095	33.8	33.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0059	0.009	34,300	33,800	-	-
26/03/2015	A5	7700	2.97	9.25	-	<0.02	<0.02	0.099	0.107	33.4	34.5	<0.01	<0.01	<0.005	<0.005	<10	<10	<0.005	<0.005	33,200	31,300	-	-
23/04/2015	A5	-	4.94	2.54	-	<0.02	0.021	0.125	0.121	30.4	30	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.0052	32,500	30,900	-	-
14/05/2015	A5	-	35.5	4.61		0.05	0.025	0.133	0.126	32.5	31.5	<0.01	<0.01	<0.005	0.0051	<10	<10	0.17	0.0139	35,300	32,700	-	-
21/05/2015	A5	-	7.36	2.29		<0.02	0.025	0.093	0.095	26.6	24.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.008	0.005	27,300	29,600	-	-
28/05/2015	A5	-	4.64	2.38		<0.02	0.021	0.103	0.09	22.7	22.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	29,400	29,700	-	-
28/05/2015	A5-DUP	-	10.6	3.37		0.022	0.023	0.101	0.103	22.8	23.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.01	0.006	31,000	31,800	-	-
05/06/2015	A5	-	7.71	2.3	na	<0.02	<0.02	0.09	0.097	22.6	22.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0073	0.0061	30,600	30,600	-	-
05/06/2015	A5-DUP	-	9.63	2.2		0.026	<0.02	0.102	0.09	23.1	22.8	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0373	0.0074	31,600	30,800	-	-
11/06/2015	A5	-	3.36	2.48		<0.02	0.022	0.106	0.11	25.1	26	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.0066	29,200	30,600	-	-
11/06/2015	A5-DUP	-	4.72	1.73		0.022	<0.02	0.099	0.097	26.7	22.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0073	0.0056	29,400	29,900	-	-
23/07/2015	A5	-	2.32	0.99	-	<0.02	<0.02	0.116	0.11	32.8	31.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0057	0.0052	30,500	31,500	-	-
20/08/2015	A5	-	2.08	1.12		<0.02	<0.02	0.094	0.075	35.7	36.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.007	34,000	33,200	-	-
27/08/2015	A5	-	1.87	1.52		<0.02	<0.02	0.116	0.099	34.9	34.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	31,800	33,900	-	-
03/09/2015	A5	-	5.88	2.66	na	0.025	<0.02	0.084	0.088	35	34.8	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.006	33,900	31,900	-	-
11/09/2015	A5	-	1.82	1.42		<0.02	<0.02	0.115	0.126	35.4	36.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.006	33,500	34,500	-	-
18/09/2015	A5	-	2.19	1.27		<0.02	<0.02	0.101	0.109	35.3	32.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.005	0.005	31,700	31,400	-	-
12/05/2016	A5	-	3.12	1.76	-	<0.02	<0.02	0.094	0.105	27.7	28.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.006	0.006	30,200	29,500	-	-
20/07/2018	A5	-	<3	<1	-	<0.1	<0.1	0.11	0.11	32.4	32.9	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0088	0.0082	30,500	30,800	<0.01	<0.01
09/11/2018	A5	-	<3	<1	-	<0.1	<0.1	0.12	0.1	34	35.2	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	0.0052	34,900	35,200	<0.01	<0.01
05/03/2019	A5	-	<3	1	-	<0.1	<0.1	0.13	0.12	40.6	35.6	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0066	<0.005	35,800	34,400	<0.01	<0.01
17/06/2019	A5	-	5.2	<1	-	<0.1	<0.1	0.1	0.11	23.8	25.7	<0.1	<0.1	<0.05	<0.05	<10	<10	<0.005	0.0068	30,200	33,800	<0.01	<0.01
15/05/2012	G1	-	390	13.1	-	0.056	0.03	0.577	0.128	95.8	43.9	0.116	<0.01	0.012	0.019	<50	<50	0.22	0.012	33,100	26,500	-	-
19/06/2012	G1	-	136	22.7	-	0.038	0.03	0.198	0.092	47.6	38	0.027	<0.01	0.0122	<0.005	<50	<50	0.0696	0.0166	20,900	21,000	-	-
25/07/2012	G1	-	36.2	6.97	-	0.035	0.037	0.149	0.125	53.8	53.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.019	27,500	29,700	-	-
26/08/2012	G1	-	28.2	4.89	-	0.037	0.039	0.159	0.167	68.7	67.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.01	38,200	37,900	-	-
18/09/2012	G1	-	39	2.7	-	0.032	0.034	0.148	0.161	68.5	75.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.01	36,700	40,000	-	-
18/09/2012	G1-DUP	-	24.9	3.28	-	0.04	0.041	0.189	0.14	76.7	75.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.012	42,000	35,700	-	-
25/10/2012	G1	-	20.7	3.44	-	0.035	0.037	0.145	0.153	69.7	69.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.012	38,400	39,600	-	-
24/11/2012	G1	-	51.1	4.29	-	0.046	0.054	0.135	0.109	67.4	64.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.009	36,200	37,100	-	-
16/12/2012	G1	-	41.8	2.7	-	0.036	0.045	0.135	0.129	69.7	69.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.011	38,000	37,400	-	-
25/01/2013	G1	-	19.5	6.96	-	0.037	0.034	0.167	0.178	74	70.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.012	39,500	36,600	-	-
21/02/2013	G1	-	72.1	2.58	-	0.035	0.033	0.182	0.147	78.6	71.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.01	40,600	39,500	-	-
21/03/2013	G1	-	40.6	2.49	-	0.033	0.041	0.13	0.155	74	76	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.008	38,200	38,500	-	-
18/04/2013	G1	-	59.9	2.75	-	0.04	0.035	0.156	0.128	69.8	64.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.008	39,800	37,200	-	-
24/05/2013	G1	-	185	25.9	-	0.037	0.032	0.253	0.159	55.2	41.1	0.031	<0.01	<0.005	<0.005	<50	<50	0.051	0.005	23,800	23,100	-	-
18/07/2013	G1	-	25.6	3.83	-	<0.02	0.036	0.145	0.141	61.7	59.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.012	31,700	32,900	-	-
27/08/2013	G1	-	3.6	1.38	-	0.033	0.029	0.104	0.113	78.2	78.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	47,200	45,100	-	-
26/09/2013	G1	-	3.78	1.98	-	0.03	0.026	0.12	0.086	73.7	72.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	46,200	49,900	-	-
23/10/2013	G1	-	7.15	0.98	-	0.023	0.038	0.097	0.104	68	72.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.007	48,300	45,300	-	-
21/11/2013	G1	-	61.4	2.03	-	0.035	0.037	0.148	0.144	66.6	62.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.008	31,400	32,900	-	-
23/12/2013	G1	-	17.7	3.09	-	0.042	0.046	0.152	0.166	71.6	70.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.011	38,500	37,100	-	-
28/01/2014	G1	-	3.43	1.2	-	0.026	0.025	0.084	0.081	81.1	79.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	45,600	46,300	-	-
27/02/2014	G1	-	38.6	1.45	-	0.036	0.034	0.16	0.14	72.3	70.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.011	38,800	38,600	-	-
28/03/2014	G1	-	71.3	1.1	-	0.045	0.042	0.157	0.152	78.8	77.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.013	40,500	41,700	-	-
25/04/2014	G1	-	79.6	4.16	-	0.055	0.044	0.164	0.138	73.9	73.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.009	41,600	42,600	-	-
16/05/2014	G1	-	236	13.7		0.051	0.043	0.367	0.157	61	50	0.031	<0.01	0.008	<0.005	<50	<50	0.057	0.012	28,700	28,600	-	-
23/05/2014	G1	-	292	17.3		0.051	0.034	0.429	0.13	70.8	41.7	0.051	<0.01	0.008	<0.005	<50	<50	0.108	0.012	28,400	22,800	-	-
23/05/2014	G1-DUP	-	352	16.4		0.056	0.034	0.494	0.141	74.5	40.9	0.074	<0.01	0.014	<0.005	<50	<50	0.147	0.011	27,500	24,200	-	-
29/05/2014	G1	-	122	16.8	na	0.036	0.038	0.226	0.116	47.7	39.7	0.014	<0.01	<0.005	<0.005	<50	<50	0.038	0.011	23,900	22,700	-	-
06/06/2014	G1	-	149	14.8		0.035	0.03	0.225	0.128	48.2	38.9	0.02	<0.01	0.005	<0.005	<50	<50	0.051	0.011	22,200	22,200	-	-
13/06/2014	G1	-	108	14.5		0.04	0.035	0.175	0.11	45.7	40.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.033	0.013	23,600	20,600	-	-
13/06/2014	G1-DUP	-	103	14.7		0.042	0.032	0.176	0.095	47	40.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.047	0.009	23,500	21,300	-	-
25/07/2014	G1	-	28	5.52	-	0.033	0.039	0.167	0.163	65.4	63.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.025	0.012	36,500	35,600	-	-
22/08/2014	G1	-	137	3.07		0.045	0.049	0.233	0.204	79.1	71	0.014	<0.01	0.005	<0.005	22	<20	0.041	0.01	38,700	38,900	-	-
29/08/2014	G1	-	49.9	4.17		0.042	0.046	0.22	0.176	75.9	74.6	0.015	<0.01	0.005	<0.005	20	21	0.032	0.01	38,000	38,600	-	-
29/08/2014	G1-DUP	-	82.4	4.3		0.05	0.042	0.222	0.174	80.3	74.2	0.015	<0.01	<0.005	<0.005	20	<20	0.032	0.009	40,600	39,700	-	-
05/09/2014	G1-DUP	-	57.2	5.43	na	0.048	0.043	0.167	0.149	70.2	66.4	0.01	<0.01	<0.005	<0.005	<20	<20	0.03	0.011	35,500	39,800	-	-
06/09/2014	G1	-	49.3	4.57		0.043	0.046	0.176	0.129	69.7	66.8	0.012	<0.01	<0.005	<0.005	<20	<20	0.03	0.012	37,400	38,700	-	-
12/09/2014	G1	-	120	5.4		0.039	0.041	0.17	0.165	67.9	65.9	<0.01	<0.01	<0.005	<0.005	<20	<20	0.027	0.01	44,200	43,000	-	-
19/09/2014	G1	-	742	3.29		0.05	0.048	0.271	0.168	80.3	73.1	0.035	<0.01	0.007	<0.005	22	20	0.044	0.009	42,200	40,600	-	-
30/10/2014	G1	-	75.1	3.95	-	0.037	0.04	0.168	0.14	65.9	68.8	<0.01	<0.01	<0.005	<0.005	18	20	0.025	0.009	34,100	39,000	-	-
28/11/2014	G1	-	837	5.47	-	0.074	0.039	0.739	0.126	70.9	55.3	0.072	<0.01	<0.02	<0.005	<50	15	0.0771	0.0105	30,500	29,100	-	-
18/12/2014	G1	-	395	4.6	-	0.041	0.039	0.178	0.127	63	63.7	0.011	<0.01	<0.005	<0.005	15	14	0.0212	0.01	32,500	33,400	-	-
22/01/2015	G1	-	411	4.75	-	0.039	0.051	0.245	0.14	77.9	69.8	0.034	<0.01	0.006	<0.005	18	17	0.06	0.012	40,100	37,600	-	-
26/02/2015	G1	7300	147	4.5	-	0.038	0.048	0.192	0.121	68.3	64.9	0.017	<0.01	<0.005	<0.005	17	16	0.043	0.01	38,600	36,100	-	-
27/03/2015	G1	7000	59.6	4.11	-	0.039	0.038	0.158	0.135	63.4	67.1	<0.01	<0.01	<0.005	<0.005	15	17	0.0207	0.008	36,300	34,900	-	-
24/04/2015	G1	-	363	6.9	-	<0.05	0.046	0.255	0.116	59.6	52.7	0.028	<0.01	<0.02	<0.005	<50	12	0.0215	0.0071	33,200	31,400	-	-
14/05/2015	G1	-	83.7	24.6		0.04	0.047	0.182	0.146	54.3	53.4	<0.01	<0.01	0.0057	0.0061	14	12	0.0275	0.0263	31,200	32,900	-	-
22/05/2015	G1	-	308	9.58		0.035	0.031	0.224	0.123	53.2	43.5	0.026	<0.01	0.01	<0.005	10	<10	0.034	0.008	24,100	25,200	-	-
29/05/2015	G1	-	179	11.4	na	0.045	0.029	0.281	0.115	59.3	43.8	0.045	<0.01	0.006	<0.005	<10	<10	0.092	0.009	25,100	25,200	-	-
04/06/2015	G1	-	692	10.1		0.07	0.029	0.626	0.104	64.4	42.5	0.073	<0.01	<0.02	<0.005	<50	<10	0.081	0.0086	26,000	24,400	-	-
12/06/2015	G1	-	83.8	6.5		0.035	0.036	0.166	0.122	52.6	51.1	<0.01	<0.01	<0.005	<0.005	<10	11	0.0199	0.0079	27,600	27,200	-	-
24/07/2015	G1	-	146	3.14	-	0.057	0.044	0.247	0.169	79.7	72.4	0.021	<0.01	<0.02	<0.005	<50	18	0.0225	0.0097	39,900	38,300	-	-
21/08/2015	G1	-	63.3	2.82		0.051	0.05	0.206	0.144	88.6	88.7	<0.01	<0.01	<0.005	<0.005	21	20	0.026	0.012	43,900	43,000	-	-
28/08/2015	G1	-	64.4	3.28		0.05	0.054	0.221	0.194	85.4	85	<0.01	<0.01	<0.005	<0.005	22	22	0.026	0.013	42,700	42,600	-	-
04/09/2015	G1	-	249	3	na	0.058	0.055	0.331	0.164	83.6	79.5	0.02	<0.01	<0.02	<0.005	<50	22	0.025	0.012	41,100	43,300	-	-
10/09/2015	G1	-	74.2	6.13		0.049	0.054	0.212	0.195	84.4	82	<0.01	<0.01	0.006	<0.005	19	21	0.021	0.012	41,800	42,900	-	-
18/09/2015	G1	-	58.8	3.14		0.039	0.035	0.156	0.161	83.8	76.2	<0.01	<0.01	<0.005	<0.005	17	18	0.021	0.01	43,300	40,500	-	-
13/05/2016	G1	-	-	9.98	-	-	0.028	-	0.103	-	44.9	-	<0.01	-	<0.005	-	<10	-	0.006	-	25,700	-	-
20/07/2018	G1	-	47.7	2.8	-	<0.1	<0.1	0.19	0.15	71.3	69	<0.1	<0.1	<0.05	<0.05	18	18	0.0123	0.0081	36,300	35,900	0.014	<0.01
09/11/2018	G1	-	40.3	3.2	-	<0.1	<0.1	0.19	0.15	75	81.7	<0.1	<0.1	<0.05	<0.05	19	19	0.0133	0.009	42,200	44,000	0.014	<0.01
05/03/2019	G1	-	37.6	4.4	-	<0.1	<0.1	0.12	0.15	81.5	87.8	<0.1	<0.1	<0.05	<0.05	19	23	0.012	0.0137	41,900	48,800	0.012	<0.01
17/06/2019	G1	-	81.9	5.8	-	<0.1	<0.1	0.16	0.15	49.6	52.1	<0.1	<0.1	<0.05	<0.05	12	13	0.0181	0.0131	28,100	32,400	0.02	<0.01
18/06/2019	G1-DUP	-	85.7	5.9	-	<0.1	<0.1	0.2	0.15	49.1	50.6	<0.1	<0.1	<0.05	<0.05	12	13	0.0148	0.0081	28,000	32,800	0.024	<0.01

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				Physical Tests (*in-situ* sampling)								Calculated Parameters							
				Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life																			
Location Code	Sample Date	Sample ID	Lab Report Number																
G2	15/05/2012	G2	B240844	5.1	8.05	262	-	10.5	86	-	-	-	-	-	116,000	<10,000	<10,000	-	125,000
	19/06/2012	G2	B252527	3.5	7.26	235	-	10.8	85	-	-	-	-	-	101,000	<10,000	<10,000	-	106,000
	25/07/2012	G2	B265706	7.1	8.42	165.6	-	9.4	90.6	-	-	-	-	-	133,000	<10,000	<10,000	-	150,000
	26/08/2012	G2	B276408	5.3	8.77	197.9	-	16.74	154.2	186.3	-	-	-	-	156,000	<10,000	<10,000	-	184,000
	18/09/2012	G2	B283851	4.9	8.31	202.1	-	23.3	212.1	102.1	-	-	-	-	162,000	<10,000	10,000	-	192,000
	25/10/2012	G2	B297129	1.31	8.39	192	350	12.05	85.6	76.5	1	-	1280	-	161,000	<10,000	<10,000	-	-
	25/10/2012	G2-DUP	B297129	1.31	8.39	192	350	12.05	85.6	76.5	1	-	<500	-	160,000	<10,000	<10,000	-	-
	24/11/2012	G2	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	150,000	10,000	10,300	-	-
	16/12/2012	G2	B2B4014	0.83	8.52	183	340	12.16	85.3	145	-	-	-	-	157,000	9800	10,200	-	186,000
	25/01/2013	G2	B306701	1.57	8.14	192	348	12.59	90.1	117	-	-	-	-	157,000	10,100	9800	-	196,000
	25/01/2013	G2-DUP	B306701	1.57	8.14	192	348	12.59	90.1	117	-	-	-	-	160,000	10,500	10,600	-	197,000
	21/02/2013	G2	B314188	0.56	8.52	325	621	811.84	8.52	99	0.73	-	-	-	159,000	9600	9500	-	182,000
	21/03/2013	G2	B322778	1.07	8.42	342	626	12.35	87.5	102	1.06	-	-	-	158,000	10,700	10,700	-	180,000
	18/04/2013	G2	B331290	1.2	8.38	191.6	351.3	13.03	92.2	263.2	1.92	-	-	-	161,000	9000	8800	-	183,000
	24/05/2013	G2	B341818	2.8	8.16	102	176.9	12.35	107.1	-	121	-	-	-	104,000	3300	3300	-	113,000
	18/07/2013	G2	B361929	7.09	8.49	245	373	10.05	83.1	104	3.72	-	-	-	150,000	6900	8200	-	150,000
	27/08/2013	G2	B376651	8.1	8.28	162.7	240.4	9.8	83	156.1	-	-	-	-	132,000	7700	8400	-	139,000
	27/08/2013	G2-DUP	B376651	8.1	8.28	162.7	240.4	9.8	83	156.1	-	-	-	-	133,000	8000	8500	-	138,000
	26/09/2013	G2	B388572	3.8	8.26	138.4	232.6	11.2	85.1	198.4	-	-	-	-	112,000	7500	7300	-	145,000
	23/10/2013	G2	B399458	2.3	8.19	129.4	228.4	10.86	82.9	353.4	-	-	-	-	119,000	6900	8000	-	139,000
	21/11/2013	G2	B3A8725	0.1	8.09	166.8	329.2	12.96	89.8	252.1	-	-	-	-	160,000	9300	8400	-	175,000
	23/12/2013	G2	B3B8312	1.2	8.3	187.9	344.9	12.24	91.9	205	-	-	-	-	158,000	10,000	11,100	-	182,000
	28/01/2014	G2	B407313	0.1	8.11	-	341.1	11.99	88.7	138.5	-	-	-	-	154,000	9200	8700	-	192,000
	27/02/2014	G2	B416171	0.4	8.31	-	349.9	12.5	87.1	152.7	-	-	-	-	155,000	9700	9300	-	186,000
	28/03/2014	G2	B424928	1.3	8.44	-	304.5	11.36	80.8	202.6	-	-	-	-	156,000	10,300	9800	-	192,000
	28/03/2014	G2-DUP	B424928	1.3	8.44	-	304.5	11.36	80.8	202.6	-	-	-	-	155,000	10,400	10,300	-	190,000
	25/04/2014	G2	B432952	2.5	8.4	-	241.3	12.12	88.6	213	-	-	-	-	155,000	9600	10,600	-	187,000
	16/05/2014	G2	B439804	4.2	8.96	-	216.7	12.32	94.4	213.3	21.3	-	-	-	127,000	4700	5300	-	145,000
	16/05/2014	G2-DUP	B439804	4.2	8.96	-	216.7	12.32	94.4	213.3	21.3	-	-	-	126,000	4900	4800	-	143,000
	23/05/2014	G2	B442060	3.9	8.39	-	173.3	13.34	96.1	241.4	89.06	-	-	-	110,000	3800	3600	-	111,000
	29/05/2014	G2	B444272	2.7	8.37	-	167.1	12.47	92	237.1	20.48	-	-	-	108,000	4300	4400	-	119,000
	06/06/2014	G2	B446972	3.3	8.32	-	155.8	13.01	97.6	258.6	22.1	-	-	-	102,000	3100	3200	-	113,000
	13/06/2014	G2	B449500	3.7	8.34	-	194.9	11.23	85.9	317.6	9.22	-	-	-	106,000	3300	3900	-	113,000
	25/07/2014	G2	B464009	8	8.46	-	272	10.45	88.5	229.7	3.27	-	-	-	151,000	8900	7200	-	162,000
	25/07/2014	G2-DUP	B464009	8	8.46	-	272	10.45	88.5	229.7	3.27	-	-	-	148,000	8400	7200	-	167,000
	22/08/2014	G2	B474408	7.22	8.39	-	329	9.82	86.3	169	2.04	-	-	-	162,000	9100	9200	-	186,000
	22/08/2014	G2-DUP	B474408	7.22	8.39	-	329	9.82	86.3	169	2.04	-	-	-	160,000	8700	9300	-	181,000
	29/08/2014	G2	B476541	7.4	8.45	-	331	10.59	88.2	163	1	-	-	-	162,000	8800	7800	-	177,000
	06/09/2014	G2	B479164	5.3	8.41	-	318	11.34	89.8	130	2.75	-	-	-	155,000	8900	8300	-	176,000
	12/09/2014	G2	B481292	3.79	8.57	-	278	11.82	89.7	152	2.79	-	-	-	158,000	10,000	10,000	-	196,000
	19/09/2014	G2	B483962	6.67	8.36	-	384	10.74	80.6	132	1.06	-	-	-	163,000	9000	8900	-	191,000
	30/10/2014	G2	B499587	3.7	8.36	-	331.7	11.58	87.6	266	-	-	-	-	160,000	9000	9000	-	192,000
	30/10/2014	G2-DUP	B499587	8.36	-	-	11.58	87.6	266	-	-	-	-	-	160,000	7900	8600	-	185,000
	28/11/2014	G2	B4A9093	1.9	8.38	-	216.8	11.44	82.5	220.6	11.91	-	-	-	134,000	7400	7400	-	156,000
	28/11/2014	G2-DUP	B4A9093	1.9	8.38	-	216.8	11.44	82.5	220.6	11.91	-	-	-	135,000	7400	7200	-	157,000
	18/12/2014	G2	B4B5326	1	8.33	-	277.2	12.76	90.9	166.7	0.95	-	-	-	154,000	6600	8300	-	170,000
	22/01/2015	G2	B505986	1.4	8.36	-	292.3	12.89	85.9	241.3	1.02	-	-	-	156,000	9800	8000	-	183,000
	26/02/2015	G2	B516449	-0.1	8.19	-	348.8	14.65	100.3	119.2	1.22	-	570	-	158,000	9700	-	-	-
	27/03/2015	G2	B525184	3.1	8.43	-	245.3	11.95	88.8	292	2.61	-	870	-	144,000	7800	-	-	-
	24/04/2015	G2	B533584	2	8.43	-	275.5	10.66	77	312.1	5.69	-	-	-	136,000	<15,000	4900	-	149,000
	24/04/2015	G2-DUP	B533584	2	8.43	-	275.5	10.66	77	312.1	5.69	-	-	-	138,000	<15,000	5100	-	148,000
	14/05/2015	G2	B540628	2.7	8.28	-	204.5	14.25	-	236.6	2.79	-	-	-	132,000	5300	5500	-	148,000
	21/05/2015	G2	B542667	6.6	8.45	-	197	11.06	90.2	299.9	3.36	-	-	-	113,000	4400	4200	-	128,000
	29/05/2015	G2	B545872	4.3	8.25	-	195	11.7	90	379.4	24.45	-	-	-	112,000	5300	<3000	-	122,000
	04/06/2015	G2	B547761	4.3	8.28	-	196.9	12.31	94.7	355	26	-	-	-	104,000	<15,000	4300	-	124,000
	12/06/2015	G2	B549906	6.4	8.33	-	223	9.74	80.8	297.5	6.47	-	-	-	125,000	4800	4700	-	140,000
	24/07/2015	G2	B563471	7.2	8.41	-	285.5	10.2	84.5	381.7	7.52	-	-	-	160,000	<15,000	7600	-	170,000
	21/08/2015	G2	B572515	8.1	8.4	-	306.7	10.23	86.8	160.5	4.85	-	-	-	161,000	8900	8900	-	188,000
	28/08/2015	G2	B575103	7.6	8.43	-	307.5	7.6	85.6	10.23	3.12	-	-	-	163,000	8800	9200	-	188,000
	04/09/2015	G2	B577658	-	-	-	-	-	-	-	-	-	-	-	164,000	8100	9800	-	180,000
	10/09/2015	G2	B579637	8.1	8.4	-	306.7	10.23	86.8	160.5	4.85	-	-	-	159,000	9000	9500	-	186,000
	18/09/2015	G2	B582068	5.2	8.39	-	162.6	11.56	91.1	124.3	1.37	-	-	-	160,000	9200	9400	-	182,000
	13/05/2016	G2	B637198	3.3	8.44	-	192.8	11.67	87.5	227.9	5.33	-	-	-	121,000	<15,000	4100	-	122,000
	20/07/2018	G2	L2133661	7.54	8.33	224.5	336.7	10.27	100.4	64.1	-	148,000	3000	<1000	151,000	8180	7590	172,000	-
	09/11/2018	G2	L2195291	1.77	7.51	199.8	359	12.23	102.4	51	2.21	165,000	6000	<1000	171,000	9850	10,600	258,000	-
	04/03/2019	G2	L2240838	0	8.24	-	358.6	13.34	91.3	37.5	0.93	166,000	3200	<1000	170,000	10,600	10,500	187,000	-
	18/06/2019	G2	L2295044	5.74	6.57	181.3	286.9	10.87	101.5	159.4	1.21	130,000	8200	<1000	139,000	6830	6150	156,000	-
H1	15/05/2012	H1	B240844	6.3	8.15	386	-	10.7	88	-	-	-	-	-	142,000	17,000	18,000	-	194,000
	19/06/2012	H1	B252527	4.6	7.41	360	-	11.4	89	-	-	-	-	-	125,000	15,000	14,000	-	169,000
	25/07/2012	H1	B265706	9.8	8.71	281.7	-	9.2	93.6	-	-	-	-	-	155,000	31,000	28,000	-	235,000
	26/08/2012	H1	B276408	6.6	8.96	336.6	-	14.61	137.1	152.7	-	-	-	-	173,000	44,000	44,000	-	296,000
	18/09/2012	H1	B283851	5.3	8.47	340.9	-	-	-	-	-	-	-	-	179,000	47,000	52,000	-	338,000
	25/10/2012	H1	B297129	0.93	8.61	323	606	12.61	88.8	69.4	3.39	-	3040	-	182,000	52,000	53,000	-	-
	23/11/2012	H1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	182,000	54,700	54,900	-	-
	16/12/2012	H1	B2B4014	0.01	8.69	318	609	12.71	87.1	149	-	-	-	-	182,000	55,300	55,000	-	338,000
	25/01/2013	H1	B306701	0.67	8.23	330	616	13.22	92.3	125	-	-	-	-	183,000	51,900	53,600	-	346,000
	21/02/2013	H1	B314188	0.02	8.52	325	621	11.84	81.2	99	0.73	-	-	-	185,000	50,900	48,100	-	326,000
	21/02/2013	H1-DUP	B314188	0.02	8.52	325	621	11.84	81.2	99	0.73	-	-	-	184,000	50,700	48,900	-	327,000
	21/03/2013	H1	B322778	1.22	8.42	342	626	12.35	87.5	102	1.06	-	-	-	188,000	53,800	55,100	-	333,000
	21/03/2013	H1-DUP	B322778	1.22	8.42	342	626	12.35	87.5	102	1.06	-	-	-	185,000	57,800	52,700	-	334,000
	18/04/2013	H1	B331290	2.1	8.55	355.7	633	11.56	83.8	268.8	1.28	-	-	-	191,000	51,300	51,800	-	341,000
	24/05/2013	H1	B341818	4	8.28	181.5	302.6	11.96	105.9	115.4	-	-	-	-	138,000	19,600	20,900	-	184,000
	18/07/2013	H1	B361929	9.23	8.64	411	588	9.75	85	8.64	4.25	-	-	-	177,000	33,200	34,700	-	261,000
	27/08/2013	H1	B376651	8.6	8.36	328.7	478.6	10.6	91	128.7	-	-	-	-	185,000	43,100	44,100	-	294,000
	26/09/2013	H1	B388572	5.7	8.2	308.6	489.5	11.04	88.1	169.3	-	-	-	-	166,000	48,500	47,300	-	325,000
	23/10/2013	H1	B399458	2.5	8.4	253.3	443.8	12.56	90.1	365.8	-	-	-	-	177,000	48,600	46,100	-	331,000
	21/11/2013	H1	B3A8725	0	8.33	238.6	88.1	13.01	93.3	266.1	-	-	-	-	195,000	55,000	53,500	-	343,000
	22/12/2013	H1	B3B7782	0	8.33	238.6	488.1	13.01	93.3	266.1	-	-	-	-	187,000	53,300	58,100	-	312,000
	28/01/2014	H1	B407313	0.3	8.26	-	489.3	11.48	85.4	141.8	-	-	-	-	181,000	53,700	50,900	-	342,000
	27/02/2014	H1	B416171	0	8.34	-	663.6	12.83	88	238.5	-	-	-	-	185,000	58,300	54,700	-	356,000
	27/02/2014	H1-DUP	B416171	0	8.34	-	663.6	12.83	88	238.5	-	-	-	-	185,000	54,800	56,900	-	367,000
	28/03/2014	H1	B424928	0	8.57	-	543.9	15.36	91.8	164.8	-	-	-	-	184,000	58,700	57,900	-	369,000
	25/04/2014	H1	B432952	4.4	8.51	-	493.5	11.62	89.7	206.4	-	-	-	-	186,000	50,400	54,600	-	353,000
	16/05/2014	H1	B439804	5.9	8.51	-	371.3	11.96	95.9	214.5	19.02	-	-	-	157,000	29,100	27,300	-	251,000
	23/05/2014	H1	B442060	5.5	8.51	-	279.5	12.4	98.8	240.5	107.4	-	-	-	138,000	18,200	16,200	-	180,000
	29/05/2014	H1	B444272	4.3	8.5	-	296.2	12	92.3	240.3	21.06	-	-	-	138,000	22,500	20,400	-	204,000
	06/06/2014	H1	B446972	5.2	8.47	-	234.2	11.73	92.6	214.9	27.9	-	-	-	133,000	16,600	16,800	-	185,000
	13/06/2014	H1	B449500	5.3	8.5	-	324.8	10.9	86.2	270.1	6.56	-	-	-	139,000	19,600	19,100	-	190,000
	25/07/2014	H1	B464009	10.6	8.49	-	446.7	10.19	90.7	203.7	2.46	-	-	-	171,000	43,100	37,900	-	279,000
	22/08/2014	H1	B474408	8.34	8.54	-	558	81.4	9.51	192	1.28	-	-	-	181,000	45,500	47,300	-	306,000
	29/08/2014	H1	B476541	9.29	8.61	-	559	10.22	89.3	162	1.12	-	-	-	181,000	45,500	1.91E6	-	308,000
	06/09/2014	H1	B479164	6.68	8.58	-	537	11.58	94.7	147	4.61	-	-	-	178,000	42,400	41,700	-	297,000
	12/09/2014	H1	B481292	4.56	8.63	-	479	11.83	82	134	1.5	-	-	-	180,000	50,200	49,300	-	340,000
	19/09/2014	H1	B483962	7.64	8.5	-	488	10.52	88.2	141	1.39	-	-	-	184,000	49,900	48,400	-	335,000
	19/09/2014	H1-DUP	B483962	7.64	8.5	-	488	10.52	88.2	141	1.39	-	-	-	125,000	5100	5400	-	146,000
	30/10/2014	H1	B499587	3.7	8.4	-	589.9	11.76	89.1	271.2	1.81	-	-	-	185,000	45,000	51,800	-	352,000
	28/11/2014	H1	B4A9093	0.8	8.5	-	418.4	11.85	83.7	229.3	2.67	-	-	-	163,000	47,000	49,900	-	324,000
	18/12/2014	H1	B4B5326	0.6	8.43	-	519.6	12.98	90.1	188.2	1.6	-	-	-	190,000	44,600	49,800	-	329,000
	22/01/2015	H1	B505986	0.5	8.49	-	541.8	12.51	87	12.51	0.69	-	-	-	185,000	54,900	56,600	-	360,000
	23/01/2015	H1-DUP	B505986	0.5	8.49	-	541.8	12.51	87	12.51	0.69	-	-	-	185,000	55,900	54,000	-	340,000
	26/02/2015	H1	B516449	-0.2	8.4	-	627.3	15.33	105.4	126.2	1.63	-	2710	-	191,000	49,400	-	-	-
	27/03/2015	H1	B525184	4.1	8.54	-	444.9	11.57	88.9	283.2	3.42	-	1490	-	177,000	45,500	-	-	-
	24/04/2015	H1	B533584	3.5	8.55	-	458.7	11.02	8302	243	4.22	-	-	-	164,000	27,000	29,700	-	251,000
	14/05/2015	H1	B540628	4.1	8.41	-	345.2	14.07	107.8	241.2	2.31	-	-	-	163,000	28,400	30,700	-	258,000
	21/05/2015	H1	B542667	7.7	8.63	-	315.5	11.1	93.3	299.3	4.55	-	-	-	142,000	21,300	22,900	-	214,000
	29/05/2015	H1	B545872	4.9	8.3	-	296.1	11.39	89	365	16.57	-	-	-	127,000	19,500	15,700	-	190,000
	04/06/2015	H1	B547761	5.2	8.38	-	311.9	12.3	97	355.7	14.29	-	-	-	134,000	17,000	17,800	-	197,000
	12/06/2015	H1	B549906	7.9	8.48	-	340.4	9.6	80.9	298.6	4.3	-	-	-	154,000	20,400	22,000	-	215,000
	24/07/2015	H1	B563471	9.4	8.57	-	468.2	9.84	86	383.4	5.14	-	-	-	184,000	40,000	38,300	-	292,000
	21/08/2015	H1	B572515	9.4	8.53	-	513.8	10.04	87.8	160.5	1.95	-	-	-	180,000	46,800	47,900	-	321,000
	28/08/2015	H1	B575103	8.6	8.58	-	520.3	10.58	90.9	228.4	2.33	-	-	-	181,000	46,500	48,100	-	332,000
	04/09/2015	H1	B577658	-	-	-	-	-	-	-	-	-	-	-	180,000	42,900	47,900	-	328,000
	10/09/2015	H1	B579637	9.6	8.63	-	511.4	87	9.89	169	0.96	-	-	-	180,000	47,700	48,800	-	327,000
	18/09/2015	H1	B582068	5.2	8.4	-	194	11.78	92.8	110.6	0.67	-	-	-	181,000	49,200	51,800	-	344,000
	13/05/2016	H1	B637198	4.5	8.61	-	329.5	11.59	89.7	230.1	4.69	-	-	-	153,000	25,000	24,200	-	227,000
	20/07/2018	H1	L2133661	9.23	8.37	393.4	562.9	10.13	101.6	74.5	-	166,000	7200	<1000	173,000	42,800	38,600	289,000	-
	09/11/2018	H1	L2195291	0.09	7.78	354.2	675	13.42	105.7	48	1.84	187,000	11,400	<1000	198,000	60,700	60,100	433,000	-
	04/03/2019	H1	L2240838	-0.1	8.4	-	679	13.83	94.7	47.6	0.55	194,000	5200	<1000	199,000	62,800	57,500	371,000	-
	18/06/2019	H1	L2295044	11.38	8.42	330.1	446.2	9.92	105	89	2.16	147,000	13,400	<1000	160,000	29,400	27,800	249,000	-

		General Chemistry																																			
Sample Date	Sample ID	Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG						Variable			3					Variable											150								Variable[#5]				
15/05/2012	G2	141	<0.5	<0.5	<0.5	0.02	-	-	0.113	-	-	-	0.123	0.0103	-	-	-	0.255	-	-	0.0085	-	241	-	0.99	0.12	<0.01	-	-	-	8.23	-	11.5	146	-	155	68.4
19/06/2012	G2	123	<0.5	<0.5	<0.5	<0.005	-	-	0.099	-	-	-	0.105	0.006	-	-	-	0.066	-	-	0.0088	-	212	-	<0.5	0.1	<0.01	-	-	-	8.11	-	10.4	113	-	54.2	17.1
25/07/2012	G2	163	<0.5	<0.5	<0.5	0.97	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0094	-	-	<0.005	-	281	-	0.63	0.15	<0.01	-	-	-	8.15	-	26.8	141	-	3.7	0.5
26/08/2012	G2	188	0.71	<0.5	0.59	<0.005	-	-	0.052	-	-	-	0.052	<0.005	-	-	-	<0.005	-	-	<0.005	-	332	-	0.66	0.2	<0.01	-	-	-	8.3	-	21.9	183	-	<1	0.16
18/09/2012	G2	198	<0.5	<0.5	<0.5	0.0064	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	<0.005	-	-	<0.005	-	340	-	0.98	0.22	<0.01	-	-	-	8.23	-	24.1	173	-	<1	0.32
25/10/2012	G2	194	1.54	<0.5	1.28	0.0068	-	-	-	-	0.059	-	0.059	<0.005	-	-	0.059	<0.005	-	-	<0.005	-	350	-	0.7	0.23	<0.01	-	-	-	8.34	-	27.6	178	183	<1	<0.1
25/10/2012	G2-DUP	195	<0.5	<0.5	<0.5	0.027	-	-	-	-	0.063	-	0.063	<0.005	-	-	0.063	<0.005	-	-	<0.005	-	350	-	0.72	0.23	<0.01	-	-	-	8.11	-	27.9	181	182	<1	0.1
24/11/2012	G2	183	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.067	-	0.067	<0.005	-	-	0.067	0.0074	-	-	<0.005	-	331	-	1.1	0.19	<0.01	-	-	-	8.18	-	23	171	180	<1	0.38
16/12/2012	G2	191	<0.5	<0.5	<0.5	<0.005	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	<0.005	-	-	<0.005	-	343	-	<0.5	0.22	<0.01	-	-	-	8.2	-	25.1	186	-	<1	0.16
25/01/2013	G2	192	<0.5	<0.5	<0.5	0.026	-	-	0.108	-	-	-	0.108	<0.005	-	-	-	0.0057	-	-	<0.005	-	349	-	1	0.23	<0.01	-	-	-	8.08	-	26.9	178	-	<1	0.18
25/01/2013	G2-DUP	195	<0.5	<0.5	<0.5	0.009	-	-	0.099	-	-	-	0.099	<0.005	-	-	-	0.0059	-	-	<0.005	-	353	-	1	0.23	<0.01	-	-	-	8.2	-	27.3	180	-	<1	0.2
21/02/2013	G2	194	<0.5	<0.5	<0.5	0.016	-	-	0.106	-	-	-	0.106	<0.005	-	-	-	<0.005	-	-	<0.005	-	352	-	1.2	0.25	<0.01	-	-	-	8.26	-	27.8	195	-	<1	<0.1
21/03/2013	G2	192	<0.5	<0.5	<0.5	0.02	-	-	0.097	-	-	-	0.097	<0.005	-	-	-	<0.005	-	-	<0.005	-	349	-	1.1	0.25	<0.01	-	-	-	8.26	-	28	179	-	<1	<0.1
18/04/2013	G2	196	<0.5	<0.5	<0.5	0.016	-	-	0.071	-	-	-	0.071	<0.005	-	-	-	<0.005	-	-	<0.005	-	348	-	0.86	0.23	<0.01	-	-	-	8.16	-	25.3	182	-	<1	0.13
24/05/2013	G2	127	<0.5	<0.5	<0.5	0.046	-	-	0.106	-	-	-	0.106	<0.005	-	-	-	0.217	-	-	0.0089	-	216	-	<0.5	0.098	<0.01	-	-	-	8.11	-	11.4	123	-	167	42.7
18/07/2013	G2	179	1.88	<0.5	1.57	0.018	-	-	0.055	-	-	-	0.055	<0.005	-	-	-	0.0051	-	-	<0.005	-	315	-	0.81	0.17	<0.01	-	1.22	1.99	8.3	-	20.1	158	-	<1	0.37
27/08/2013	G2	161	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0186	-	-	0.0167	-	289	-	2.9	0.1	<0.01	-	<0.5	<0.5	8.29	-	22.1	144	-	1.1	0.81
27/08/2013	G2-DUP	156	2.72	<0.5	2.27	0.0076	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.019	-	-	0.017	-	291	-	1.1	0.099	<0.01	-	<0.5	<0.5	8.39	-	22.6	139	-	1.3	0.8
26/09/2013	G2	136	<0.5	<0.5	<0.5	0.015	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0177	-	-	0.0158	-	274	-	1	0.095	<0.01	-	2.42	2.81	8.25	-	22.1	143	-	1.1	1.74
23/10/2013	G2	146	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.019	-	-	0.0138	-	270	-	0.73	0.097	<0.01	-	1.72	1.64	8.16	-	22.5	139	-	<1	0.66
21/11/2013	G2	195	<0.5	<0.5	<0.5	0.066	-	-	0.091	-	-	-	0.091	<0.005	-	-	-	0.0063	-	-	<0.005	-	356	-	0.7	0.24	<0.01	-	0.87	0.95	8.28	-	29.2	177	-	<1	0.13
23/12/2013	G2	193	<0.5	<0.5	<0.5	0.0094	-	-	0.143	-	-	-	0.143	<0.005	-	-	-	<0.005	-	-	<0.005	-	347	-	1.1	0.24	<0.01	-	0.82	0.87	8.22	-	29.4	186	-	1	0.22
28/01/2014	G2	188	<0.5	<0.5	<0.5	0.013	-	-	0.137	-	-	-	0.137	<0.005	-	-	-	<0.005	-	-	<0.005	-	351	-	0.91	0.26	<0.01	-	<0.5	<0.5	8.27	-	29.7	184	-	<1	0.13
27/02/2014	G2	188	0.91	<0.5	0.76	0.016	-	-	0.127	-	-	-	0.127	<0.005	-	-	-	<0.005	-	-	<0.005	-	354	-	1.4	0.24	<0.01	-	0.81	0.87	8.31	-	30.9	184	-	<1	0.24
28/03/2014	G2	187	1.49	<0.5	1.24	0.011	-	-	0.097	-	-	-	0.097	<0.005	-	-	-	<0.005	-	-	<0.005	-	348	-	0.87	0.26	<0.01	-	0.96	<0.5	8.34	-	34.4	187	-	<1	<0.1
28/03/2014	G2-DUP	186	1.99	<0.5	1.66	0.015	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	<0.005	-	-	<0.005	-	350	-	0.87	0.26	<0.01	-	<0.5	1.06	8.34	-	31.7	187	-	<1	<0.1
25/04/2014	G2	185	1.92	<0.5	1.6	<0.005	-	-	0.096	-	-	-	0.096	<0.005	-	-	-	<0.005	-	-	<0.005	-	347	-	0.81	0.22	<0.01	-	0.54	<0.5	8.32	-	27.3	182	-	<1	0.7
16/05/2014	G2	155	<0.5	<0.5	<0.5	0.026	-	-	0.139	-	-	-	0.139	<0.005	-	-	-	0.0818	-	-	0.0082	-	265	-	0.51	0.12	<0.01	-	2.36	3.94	8.17	-	14.4	142	-	30.3	10.8
16/05/2014	G2-DUP	154	<0.5	<0.5	<0.5	0.03	-	-	0.142	-	-	-	0.142	<0.005	-	-	-	0.0727	-	-	0.0087	-	266	-	<0.5	0.12	<0.01	-	2.01	2.65	8.2	-	14.5	144	-	27.7	9.6
23/05/2014	G2	134	<0.5	<0.5	<0.5	0.017	-	-	0.219	-	-	-	0.227	0.0082	-	-	-	0.36	-	-	0.0068	-	225	-	0.54	0.1	<0.01	-	4.23	5.02	8.15	-	10.3	145	-	80	46.5
29/05/2014	G2	132	<0.5	<0.5	<0.5	0.16	-	-	0.182	-	-	-	0.182	<0.005	-	-	-	0.0467	-	-	0.0196	-	228	-	0.62	0.11	<0.01	-	2.96	4.87	8.17	-	11.9	122	-	20.1	12.7
06/06/2014	G2	125	<0.5	<0.5	<0.5	0.0099	-	-	-	-	-	-	0.139	-	-	-	-	0.0089	-	-	0.012	-	218	-	<0.5	0.11	<0.01	-	1.45	2.24	7.91	-	10	118	-	19.5	10
13/06/2014	G2	130	<0.5	<0.5	<0.5	0.011	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.0297	-	-	0.0129	-	226	-	<0.5	0.11	<0.01	-	2.67	2.64	8.19	-	10.8	119	-	8.8	6.56
25/07/2014	G2	184	<0.5	<0.5	<0.5	0.014	-	-	0.049	-	-	-	0.049	<0.005	-	-	-	0.0065	-	-	<0.005	-	314	-	1.9	0.19	<0.01	-	<0.5	0.91	8.29	-	20.4	177	-	<1	0.36
25/07/2014	G2-DUP	181	<0.5	<0.5	<0.5	0.012	-	-	0.05	-	-	-	0.05	<0.005	-	-	-	0.0068	-	-	<0.005	-	316	-	<0.5	0.18	<0.01	-	2.02	<0.5	8.24	-	20.2	170	-	<1	0.35
22/08/2014	G2	192	2.56	<0.5	2.13	0.026	-	-	0.073	-	-	-	0.073	<0.005	-	-	-	<0.005	-	-	<0.005	-	343	-	0.74	0.21	<0.01	-	0.97	0.63	8.37	-	24.6	176	-	<1	0.15
22/08/2014	G2-DUP	191	2.08	<0.5	1.73	0.022	-	-	0.071	-	-	-	0.071	<0.005	-	-	-	<0.005	-	-	<0.005	-	345	-	0.66	0.21	<0.01	-	1.48	0.66	8.34	-	25.1	175	-	<1	0.15
29/08/2014	G2	194	1.87	<0.5	1.56	0.027	-	-	0.069	-	-	-	0.069	<0.005	-	-	-	<0.005	-	-	<0.005	-	341	-	0.82	0.22	<0.01	-	0.84	1	8.32	-	24.8	177	-	<1	0.19
06/09/2014	G2	186	1.36	<0.5	1.13	0.011	-	-	0.065	-	-	-	0.065	<0.005	-	-	-	0.0065	-	-	<0.005	-	327	-	0.7	0.18	<0.01	-	1.77	2.16	8.33	-	23.5	175	-	1.3	0.64
12/09/2014	G2	189	1.86	<0.5	1.55	0.026	-	-	0.044	-	-	-	0.044	<0.005	-	-	-	0.006	-	-	<0.005	-	336	-	0.83	0.19	<0.01	-	0.61	1.42	8.32	-	24.3	197	-	<1	0.44
19/09/2014	G2	192	3.24	<0.5	2.7	0.011	-	-	0.076	-	-	-	0.076	<0.005	-	-	-	<0.005	-	-	<0.005	-	339	-	<0.5	0.22	<0.01	-	0.9	2.13	8.39	-	24.8	196	-	<1	0.25
30/10/2014	G2	195	<0.5	<0.5	<0.5	0.0053	-	-	0.051	-	-	-	0.051	<0.005	-	-	-	0.0054	-	-	<0.005	-	336	-	0.73	0.19	<0.01	-	1.09	0.56	8.27	-	26.5	183	-	<1	0.2
30/10/2014	G2-DUP	196	<0.5	<0.5	<0.5	0.017	-	-	0.045	-	-	-	0.045	<0.005	-	-	-	0.0094	-	-	<0.005	-	346	-	0.83	0.19	<0.01	-	1.28	1.08	8.29	-	25.8	172	-	<1	0.22
28/11/2014	G2	163	<0.5	<0.5	<0.5	0.0068	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	0.013	-	-	0.0064	-	299	-	1.1	0.17	<0.01	-	2.56	2.32	8.16	-	22	160	-	9.5	2.29
28/11/2014	G2-DUP	165	<0.5	<0.5	<0.5	0.0058	-	-	0.089	-	-	-	0.089	<0.005	-	-	-	0.064	-	-	<0.005	-	297	-	0.87	0.17	<0.01	-	2.51	2.56	8.16	-	21.7	164	-	3.8	2.38
18/12/2014	G2	188	<0.5	<0.5	<0.5	<0.005	-	-	0.101	-	-	-	0.101	<0.005	-	-	-	<0.005	-	-	<0.005	-	329	-	1	0.19	<0.01	-	0.79	0.96	8.3	-	23.6	166	-	1	8.14
22/01/2015	G2	191	<0.5	<0.5	<0.5	<0.005	-	-	0.107	-	-	-	0.107	<0.005	-	-	-	<0.005	-	-	<0.005	-	345	-	0.84	0.24	<0.01	-	0.72	0.64	8.26	-	26.7	183	-	<1	0.15
26/02/2015	G2	191	0.68	<0.5	0.57	0.0057	-	-	-	-	0.105	-	0.105	<0.005	-	-	-	<0.005	-	-	<0.005	-	345	-	0.5	0.2	<0.01	-	1.35	1.27	8.31	-	25.5	182	185	<1	0.63
27/03/2015	G2	174	1.04	<0.5	0.87	0.011	-	-	-	-	0.03	-	0.03	<0.005	-	-	-	0.0427	-	-	<0.005	-	326	-	0.61	0.18	<0.01	-	1.04	<0.5	8.32	-	22.9	166	172	<1	0.36
24/04/2015	G2	166	<0.5	<0.5	<0.5	0.0085	-	-	0.123	-	-	-	0.123	<0.005	-	-	-	0.0151	-	-	0.0097	-	288	-	<0.5	0.12	<0.01	-	3.57	6.89	8.24	-	15	142	-	4.9	2.59
24/04/2015	G2-DUP	169	<0.5	<0.5	<0.5	0.011	-	-	0.124	-	-	-	0.124	<0.005	-	-	-	0.0143	-	-	0.0074	-	289	-	0.62	0.12	<0.01	-	2.19	3.27	8.27	-	14.9	148	-	4.9	1.09
14/05/2015	G2	161	<0.5	<0.5	<0.5	0.014	-	-	0.103	-	-	-	0.103	<0.005	-	-	-	0.0081	-	-	<0.005	-	276	-	<0.5	0.12	<0.01	-	2.02	2.3	8.27	-	14	151	-	2.4	1.22
21/05/2015	G2	138	<0.5	<0.5	<0.5	0.023	-	-	0.056	-	-	-	0.056	<0.005	-	-	-	0.017	-	-	<0.005	-	249	-	0.6	0.12	<0.01	-	2.14	1.47	8.07	-	11.9	129	-	6.4	1.29
29/05/2015	G2	136	<0.5	<0.5	<0.5	0.0088	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	0.0438	-	-	0.0062	-	236	-	1.6	0.093	<0.01	-	1.87	1.5	8.21	-	13	123	-	26	10.4
04/06/2015	G2	127	<0.5	<0.5	<0.5	0.062	-	-	0.047	-	-	-	0.047	<0.005	-	-	-	0.0734	-	-	0.0075	-	231	-	<0.5	0.099	<0.01	-	1.61	1.81	7.99	-	11.7	118	-	42.9	20
12/06/2015	G2	153	<0.5	<0.5	<0.5	0.011	-	-	0.076	-	-	-	0.076	<0.005	-	-	-	0.0199	-	-	0.007	-	265	-	<0.5	0.12	<0.01	-	0.88	0.65	8.23	-	15.3	138	-	6.6	1.94
24/07/2015	G2	189	3.25	<0.5	2.71	0.0093	-	-	0.087	-	-	-	0.087	<0.005	-	-	-	0.0205	-	-	<0.005	-	342	-	0.73	0.19	<0.01	-	0.57	0.99	8.41	-	22.8	177	-	7.8	4.05
21/08/2015	G2	197	<0.5	<0.5	<0.5	0.022	-	-	0.081	-	-	-	0.081	<0.005	-	-	-	0.0113	-	-	<0.005	-	355	-	0.54	0.22	<0.01	-	<0.5	1	8.22	-	25	188	-	2.2	0.73
28/08/2015	G2	198	<0.5	<0.5	<0.5	0.019	-	-	0.075	-	-	-	0.075	<0.005	-	-	-	0.0076	-	-	<0.005	-	355	-	<0.5	0.22	<0.01	-	0.64	0.5	8.25	-	25.3	190	-	1.9	1.06
04/09/2015	G2	194	3	<0.5	2.5	<0.005	-	-	0.086	-	-	-	0.086	<0.005	-	-	-	0.0126	-	-	<0.005	-	353	-	1.1	0.22	<0.01	-	0.52	0.63	8.41	-	25.2	178	-	5.9	1.36
10/09/2015	G2	192	1.07	<0.5	0.89	0.03	-	-	0.047	-	-	-	0.047	<0.005	-	-	-	0.006	-	-	<0.005	-	350	-	0.74	0.22	<0.01	-	<0.5	<0.5	8.33	-	26.9	188	-	1.4	0.82
18/09/2015	G2	191	2.14	<0.5	1.78	0.017	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	0.0073	-	-	<0.005	-	353	-	1.1	0.22	<0.01	-	0.74	0.57	-	-	25.8	186	-	1.1	0.69
13/05/2016	G2	147	<0.5	<0.5	<0.5	0.026	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0274	-	-	0.0094	-	251	-	0.69	0.12	<0.01	-	1.72	2.39	8.24	-	14.1	120	-	18.8	5.51
20/07/2018	G2	-	-	-	-	-	<0.005	<0.05	0.0602	-	-	-	0.0602	<0.001	-	-	-	<0.05 - 0.006	<0.05	-	-	0.0029	329	<0.5	-	0.201	<0.05	-	0.82	0.86	8.49	23.4	-	-	-	<3	0.25
09/11/2018	G2	-	-	-	-	-	0.008	<0.05	0.0681	-	-	-	0.0681	<0.001	-	-	-	<0.05 - 0.0034	<0.05	-	-	0.0019	350	0.53	-	0.258	<0.05	-	0.64	0.6	8.38	30.3	-	-	-	<3	0.31
04/03/2019	G2	-	-	-	-	-	0.0216	<0.05	0.119	-	-	-	0.119	<0.001	-	-	-	<0.05 - 0.003	<0.05	-	-	0.0014	364	0.6	-	0.285	<0.05	-	0.76	<0.5	8.31	32.8	-	-	-	<3	<0.1
18/06/2019	G2	-	-	-	-	-	0.0054	0.075	0.0394	-	-	-	0.0404	0.0011	-	-	-	<0.05 - 0.0078	<0.05	-	-	0.0024	287	<0.5	-	0.152	<0.05	-	1.24	0.94	8.46	19.1	-	-	-	<3	0.59
15/05/2012	H1	172	0.91	<0.5	0.76	0.014	-	-	0.425	-	-	-	0.432	0.0068	-	-	-	0.192	-	-	0.0057	-	364	-	1.1	0.16	<0.01	-	-	-	8.31	-	53.2	208	-	105	48.9
19/06/2012	H1	152	<0.5	<0.5	<0.5	0.0066	-	-	0.32	-	-	-	0.32	<0.005	-	-	-	0.0621	-	-	0.0068	-	326	-	0.8	0.14	<0.01	-	-	-	8.12	-	46.6	170	-	31.5	10.3
25/07/2012	H1	186	1.1	<0.5	0.92	0.26	-	-	0.377	-	-	-	0.377	<0.005	-	-	-	0.0139	-	-	<0.005	-	442	-	0.82	0.21	<0.01	-	-	-	8.32	-	75.8	244	-	5.4	0.78
26/08/2012	H1	211	<0.5	<0.5	<0.5	0.0067	-	-	0.675	-	-	-	0.675	<0.005	-	-	-	0.0051	-	-	<0.005	-	544	-	1.3	0.23	<0.01	-	-	-	8.26	-	115	302	-	2.6	0.26
18/09/2012	H1	216	1.07	<0.5	0.89	0.25	-	-	0.769	-	-	-	0.769	<0.005	-	-	-	0.0059	-	-	<0.005	-	574	-	1.6	0.24	<0.01	-	-	-	8.31	-	131	298	-	1.7	0.25
25/10/2012	H1	214	3.65	<0.5	3.04	0.012	-	-	-	-	0.794	-	0.794	<0.005	-	-	0.794	<0.005	-	-	<0.005	-	609	-	1.4	0.24	<0.01	-	-	-	8.41	-	153	324	324	1.1	0.17
23/11/2012	H1	223	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.962	-	0.962	<0.005	-	-	0.962	<0.005	-	-	<0.005	-	610	-	1.5	0.22	<0.01	-	-	-	8.24	-	144	337	334	1	0.29
16/12/2012	H1	222	<0.5	<0.5	<0.5	<0.005	-	-	0.837	-	-	-	0.837	<0.005	-	-	-	0.0057	-	-	<0.005	-	609	-	0.91	0.24	<0.01	-	-	-	8.23	-	144	343	-	<1	0.21
25/01/2013	H1	224	<0.5	<0.5	<0.5	0.052	-	-	0.851	-	-	-	0.851	<0.005	-	-	-	0.0109	-	-	0.006	-	619	-	1.6	0.26	<0.01	-	-	-	8.25	-	140	329	-	1.6	0.18
21/02/2013	H1	221	1.96	<0.5	1.63	0.018	-	-	0.863	-	-	-	0.863	<0.005	-	-	-	0.0077	-	-	<0.005	-	622	-	1.6	0.27	<0.01	-	-	-	8.33	-	145	340	-	2.8	0.14
21/02/2013	H1-DUP	224	0.65	<0.5	0.54	0.014	-	-	0.874	-	-	-	0.874	<0.005	-	-	-	0.0074	-	-	<0.005	-	622	-	1.2	0.27	<0.01	-	-	-	8.31	-	144	333	-	2.7	0.14
21/03/2013	H1	225	2.5	<0.5	2.08	0.016	-	-	0.909	-	-	-	0.909	<0.005	-	-	-	<0.005	-	-	<0.005	-	637	-	1.7	0.26	<0.01	-	-	-	8.33	-	158	331	-	1.2	0.26
21/03/2013	H1-DUP	226	<0.5	<0.5	<0.5	0.017	-	-	0.913	-	-	-	0.913	<0.005	-	-	-	<0.005	-	-	<0.005	-	632	-	1.7	0.27	<0.01	-	-	-	8.3	-	159	336	-	<1	0.25
18/04/2013	H1	233	<0.5	<0.5	<0.5	0.0078	-	-	0.961	-	-	-	0.961	<0.005	-	-	-	<0.005	-	-	<0.005	-	630	-	1.1	0.24	<0.01	-	-	-	8.26	-	160	338	-	<1	0.18
24/05/2013	H1	164	2.16	<0.5	1.8	0.04	-	-	0.435	-	-	-	0.435	<0.005	-	-	-	0.105	-	-	0.0128	-	372	-	1.1	0.14	<0.01	-	-	-	8.31	-	59.9	190	-	88	31.1
18/07/2013	H1	208	3.54	<0.5	2.95	0.013	-	-	0.546	-	-	-	0.546	<0.005	-	-	-	0.006	-	-	<0.005	-	502	-	1.2	0.22	<0.01	-	1.38	1.72	8.39	-	101	268	-	1.4	0.38
27/08/2013	H1	215	5.17	<0.5	4.31	0.014	-	-	0.696	-	-	-	0.696	<0.005	-	-	-	0.0072	-	-	<0.005	-	579	-	1.4	0.24	<0.01	-	<0.5	2.02	8.48	-	130	293	-	<1	0.22
26/09/2013	H1	194	4.37	<0.5	3.64	0.014	-	-	0.697	-	-	-	0.697	<0.005	-	-	-	<0.005	-	-	<0.005	-	584	-	1.5	0.24	<0.1	-	1.39	1.72	8.42	-	141	327	-	<1	0.33
23/10/2013	H1	217	<0.5	<0.5	<0.5	0.0093	-	-	0.787	-	-	-	0.787	<0.005	-	-	-	0.0054	-	-	<0.005	-	604	-	1.1	0.24	<0.1	-	0.74	<0.5	8.3	-	144	329	-	<1	0.13
21/11/2013	H1	238	<0.5	<0.5	<0.5	0.015	-	-	0.811	-	-	-	0.811	<0.005	-	-	-	0.0071	-	-	<0.005	-	650	-	1.2	0.27	<0.01	-	1.62	1.69	8.15	-	161	342	-	<1	0.19
22/12/2013	H1	229	<0.5	<0.5	<0.5	0.024	-	-	0.983	-	-	-	0.983	<0.005	-	-	-	0.0113	-	-	<0.005	-	645	-	1.5	0.23	<0.01	-	<0.5	<0.5	8.28	-	164	334	-	3.2	0.36
28/01/2014	H1	221	<0.5	<0.5	<0.5	0.011	-	-	1	-	-	-	1	<0.005	-	-	-	0.0056	-	-	<0.005	-	650	-	1.3	0.26	<0.1	-	<0.5	0.7	8.26	-	165	338	-	<1	0.16
27/02/2014	H1	222	2.16	<0.5	1.8	0.011	-	-	1.03	-	-	-	1.03	<0.005	-	-	-	0.0062	-	-	0.0051	-	669	-	1.7	0.25	<0.05	-	0.8	1.25	8.33	-	178	360	-	<1	0.25
27/02/2014	H1-DUP	221	2.59	<0.5	2.16	0.016	-	-	1.04	-	-	-	1.04	<0.005	-	-	-	0.0056	-	-	0.0053	-	669	-	1.9	0.25	<0.05	-	1.24	1.32	8.35	-	180	355	-	<1	0.26
28/03/2014	H1	218	3.14	<0.5	2.62	0.016	-	-	0.934	-	-	-	0.934	<0.005	-	-	-	<0.005	-	-	<0.005	-	653	-	1.6	0.26	<0.1	-	1.23	0.63	8.37	-	173	353	-	<1	0.11
25/04/2014	H1	218	4.78	<0.5	3.98	0.0067	-	-	0.853	-	-	-	0.853	<0.005	-	-	-	0.0078	-	-	<0.005	-	626	-	6	0.24	<0.1	-	1.7	1.85	8.42	-	145	342	-	3.4	1.37
16/05/2014	H1	192	<0.5	<0.5	<0.5	0.033	-	-	0.588	-	-	-	0.588	<0.005	-	-	-	0.0738	-	-	<0.005	-	452	-	0.62	0.15	<0.01	-	2.76	3.21	8.28	-	80.2	249	-	33.8	9.16
23/05/2014	H1	168	<0.5	<0.5	<0.5	0.015	-	-	0.497	-	-	-	0.51	0.0128	-	-	-	0.373	-	-	0.0052	-	367	-	1.3	0.14	<0.01	-	3.65	4.13	8.29	-	54	211	-	87	53.7
29/05/2014	H1	168	<0.5	<0.5	<0.5	0.017	-	-	0.547	-	-	-	0.547	<0.005	-	-	-	0.05	-	-	0.0192	-	389	-	0.65	0.15	<0.01	-	2.27	4.57	8.29	-	60.1	209	-	19.7	11.4
06/06/2014	H1	162	<0.5	<0.5	<0.5	0.015	-	-	-	-	-	-	0.404	-	-	-	-	0.0221	-	-	0.0074	-	356	-	0.88	0.15	<0.01	-	1.81	2.28	8.21	-	50.6	188	-	17.9	6.24
13/06/2014	H1	169	<0.5	<0.5	<0.5	0.012	-	-	0.348	-	-	-	0.348	<0.005	-	-	-	0.019	-	-	0.0093	-	371	-	0.53	0.16	<0.01	-	2.26	2.35	8.26	-	54.4	202	-	6.6	2.89
25/07/2014	H1	202	3.6	<0.5	3	0.017	-	-	0.47	-	-	-	0.47	<0.005	-	-	-	<0.005	-	-	<0.005	-	519	-	2.4	0.22	<0.01	-	2.11	0.67	8.4	-	108	307	-	1.2	0.31
22/08/2014	H1	213	4.02	<0.5	3.35	0.057	-	-	0.646	-	-	-	0.646	<0.005	-	-	-	0.0056	-	-	<0.005	-	582	-	1.3	0.22	<0.01	-	<0.5	1.8	8.41	-	139	304	-	1.2	0.24
29/08/2014	H1	213	4.01	<0.5	3.34	0.012	-	-	0.657	-	-	-	0.657	<0.005	-	-	-	0.0062	-	-	<0.005	-	579	-	1.5	0.22	<0.01	-	1.95	1.4	8.39	-	137	306	-	<1	0.2
06/09/2014	H1	210	3.24	<0.5	2.7	0.018	-	-	0.626	-	-	-	0.626	<0.005	-	-	-	0.0081	-	-	<0.005	-	552	-	1.4	0.22	<0.01	-	1.06	0.98	8.38	-	121	303	-	1.8	0.57
12/09/2014	H1	214	2.3	<0.5	1.92	0.04	-	-	0.656	-	-	-	0.656	<0.005	-	-	-	0.0063	-	-	<0.005	-	577	-	1.5	0.21	<0.01	-	1.01	1.25	8.35	-	127	348	-	<1	0.22
19/09/2014	H1	214	4.82	<0.5	4.02	0.0092	-	-	0.714	-	-	-	0.714	<0.005	-	-	-	0.0058	-	-	<0.005	-	593	-	1.5	0.24	<0.01	-	1.21	1.59	8.42	-	140	336	-	<1	0.18
19/09/2014	H1-DUP	153	<0.5	<0.5	<0.5	0.0077	-	-	0.052	-	-	-	0.052	<0.005	-	-	-	0.0131	-	-	<0.005	-	258	-	<0.5	0.2	<0.01	-	1.2	2.77	8.23	-	14.1	147	-	<1	0.11
30/10/2014	H1	220	2.48	<0.5	2.07	0.0086	-	-	0.744	-	-	-	0.744	<0.005	-	-	-	<0.005	-	-	<0.005	-	598	-	1.2	0.21	<0.01	-	1.08	1.3	8.36	-	144	328	-	1.6	0.23
28/11/2014	H1	199	<0.5	<0.5	<0.5	<0.005	-	-	0.751	-	-	-	0.751	<0.005	-	-	-	0.0229	-	-	0.007	-	585	-	1.5	0.2	<0.1	-	1.54	2.81	8.16	-	148	313	-	11.7	3.35
18/12/2014	H1	232	<0.5	<0.5	<0.5	0.0076	-	-	0.832	-	-	-	0.832	<0.005	-	-	-	0.0077	-	-	<0.005	-	616	-	1.8	0.22	<0.01	-	0.64	1.29	8.29	-	146	310	-	<1	0.14
22/01/2015	H1	225	<0.5	<0.5	<0.5	0.0056	-	-	0.908	-	-	-	0.908	<0.005	-	-	-	0.005	-	-	<0.005	-	634	-	1.4	0.25	<0.01	-	<0.5	0.66	8.29	-	159	355	-	<1	0.16
23/01/2015	H1-DUP	225	<0.5	<0.5	<0.5	<0.005	-	-	0.905	-	-	-	0.905	<0.005	-	-	-	<0.005	-	-	<0.005	-	637	-	1.4	0.26	<0.01	-	0.78	0.67	8.3	-	161	351	-	<1	<0.1
26/02/2015	H1	227	3.25	<0.5	2.71	0.0059	-	-	-	-	0.804	-	0.804	<0.005	-	-	-	<0.005	-	-	<0.005	-	619	-	1.1	0.22	<0.01	-	1.6	1.43	8.38	-	148	343	344	<1	0.23
27/03/2015	H1	212	1.79	<0.5	1.49	0.014	-	-	-	-	0.669	-	0.669	<0.005	-	-	-	0.0441	-	-	<0.005	-	588	-	1.4	0.23	<0.01	-	1.51	1.36	8.34	-	130	324	317	1.8	0.49
24/04/2015	H1	200	<0.5	<0.5	<0.5	0.0097	-	-	0.581	-	-	-	0.581	<0.005	-	-	-	0.0128	-	-	<0.005	-	481	-	1.2	0.16	<0.01	-	4.09	5.84	8.27	-	90.4	251	-	4.4	1.43
14/05/2015	H1	193	2.62	<0.5	2.18	0.016	-	-	0.456	-	-	-	0.456	<0.005	-	-	-	0.0041	-	-	<0.005	-	465	-	0.9	0.17	<0.01	-	2.39	1.97	8.37	-	84.1	256	-	2.2	0.43
21/05/2015	H1	174	<0.5	<0.5	<0.5	0.078	-	-	0.301	-	-	-	0.301	<0.005	-	-	-	0.009	-	-	<0.005	-	399	-	0.77	0.17	<0.01	-	1.15	1.5	8.26	-	65.5	206	-	3.5	0.74
29/05/2015	H1	155	<0.5	<0.5	<0.5	0.013	-	-	0.27	-	-	-	0.27	<0.005	-	-	-	0.0265	-	-	0.0052	-	352	-	0.71	0.13	<0.01	-	2.05	1.75	8.14	-	49.3	192	-	15.2	4.54
04/06/2015	H1	164	<0.5	<0.5	<0.5	0.028	-	-	0.207	-	-	-	0.207	<0.005	-	-	-	0.0498	-	-	<0.005	-	361	-	<0.5	0.14	<0.01	-	2.53	2.39	8.19	-	51.6	195	-	30.2	11.2
12/06/2015	H1	188	<0.5	<0.5	<0.5	0.022	-	-	0.339	-	-	-	0.339	<0.005	-	-	-	0.0149	-	-	0.0053	-	398	-	<0.5	0.17	<0.01	-	1.25	0.82	8.24	-	64.7	214	-	3.8	0.95
24/07/2015	H1	214	5.04	<0.5	4.2	0.011	-	-	0.549	-	-	-	0.549	<0.005	-	-	-	0.0126	-	-	<0.005	-	561	-	1.2	0.23	<0.01	-	<0.5	1.8	8.46	-	118	308	-	4.9	2.22
21/08/2015	H1	220	<0.5	<0.5	<0.5	0.0093	-	-	0.563	-	-	-	0.563	<0.005	-	-	-	0.0109	-	-	<0.005	-	600	-	1.1	0.24	<0.01	-	0.51	1.2	8.29	-	135	322	-	2.6	0.62
28/08/2015	H1	221	<0.5	<0.5	<0.5	0.011	-	-	0.619	-	-	-	0.619	<0.005	-	-	-	0.0067	-	-	<0.005	-	609	-	1.1	0.24	<0.01	-	0.72	0.72	8.29	-	137	324	-	1	0.63
04/09/2015	H1	213	3.52	<0.5	2.93	0.01	-	-	0.683	-	-	-	0.683	<0.005	-	-	-	0.0099	-	-	<0.005	-	589	-	1.2	0.24	<0.01	-	0.65	0.93	8.38	-	134	321	-	2.5	0.8
10/09/2015	H1	211	4.32	<0.5	3.6	0.016	-	-	0.443	-	-	-	0.443	<0.005	-	-	-	0.0052	-	-	<0.005	-	596	-	1.3	0.25	<0.01	-	0.53	<0.5	8.42	-	141	319	-	1.2	0.39
18/09/2015	H1	214	3.3	<0.5	2.75	0.013	-	-	0.681	-	-	-	0.681	<0.005	-	-	-	0.006	-	-	<0.005	-	615	-	1.6	0.23	<0.01	-	0.78	0.71	-	-	142	340	-	1	0.33
13/05/2016	H1	187	<0.5	<0.5	<0.5	0.012	-	-	0.408	-	-	-	0.408	<0.005	-	-	-	0.0171	-	-	0.0055	-	426	-	0.51	0.16	<0.01	-	1.07	1.41	8.29	-	75.4	211	-	8.8	1.62
20/07/2018	H1	-	-	-	-	-	0.0058	0.093	0.428	-	-	-	0.428	<0.001	-	-	-	<0.05 - 0.0054	<0.05	-	-	0.0016	552	0.69	-	0.234	<0.05	-	1.01	1.11	8.53	121	-	-	-	<3	0.33
09/11/2018	H1	-	-	-	-	-	<0.005	0.237	0.697	-	-	-	0.697	<0.001	-	-	-	<0.05 - 0.0036	<0.05	-	-	<0.001	656	1.11	-	0.257	<0.05	-	0.86	0.9	8.44	175	-	-	-	<3	0.43
04/03/2019	H1	-	-	-	-	-	0.0095	0.156	0.838	-	-	-	0.838	<0.001	-	-	-	<0.05 - 0.0064	<0.05	-	-	0.0057	686	1.18	-	0.279	<0.05	-	0.72	0.7	8.34	181	-	-	-	<3	0.21
18/06/2019	H1	-	-	-	-	-	0.0227	0.15	0.214	-	-	-	0.215	0.0016	-	-	-	<0.05 - 0.008	<0.05	-	-	0.0018	445	0.56	-	0.205	<0.05	-	1.33	1.18	8.55	83.8	-	-	-	3.5	0.9

		Metals																					
Sample Date	Sample ID	Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Aluminium (Filtered) Averaged	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01
BC WQG				50	50											1200			Variable[#8]				
15/05/2012	G2	-	378	6.67	-	0.054	0.031	0.516	0.107	99	56.1	0.085	<0.01	0.006	0.016	<50	<50	0.2	0.01	39,200	32,000	-	-
19/06/2012	G2	-	130	7.08	-	0.04	0.029	0.229	0.048	62.4	48.3	0.027	<0.01	<0.005	<0.005	<50	<50	0.0644	0.0088	29,300	27,600	-	-
25/07/2012	G2	-	23.3	7.62	-	0.031	0.037	0.117	0.1	65.7	65.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.009	35,600	39,000	-	-
26/08/2012	G2	-	8.58	8.27	-	0.034	0.029	0.122	0.115	77.4	75.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.006	47,500	47,500	-	-
18/09/2012	G2	-	3.83	2.19	-	0.023	0.022	0.069	0.096	74	76	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.006	44,300	49,100	-	-
25/10/2012	G2	-	3.22	1.22	-	0.025	0.024	0.074	0.072	71.7	69.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.009	46,100	47,500	-	-
25/10/2012	G2-DUP	-	2.56	1.15	-	0.029	0.032	0.085	0.061	71.2	71.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.015	47,300	47,000	-	-
24/11/2012	G2	-	16.4	1.32	-	0.035	0.035	0.118	0.075	75.4	73.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.007	43,900	47,300	-	-
16/12/2012	G2	-	2.99	1.99	-	0.027	0.026	0.097	0.106	73	73.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.011	46,700	47,600	-	-
25/01/2013	G2	-	2.98	1.22	-	0.024	0.027	0.111	0.086	74	70.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.009	0.006	46,800	51,900	-	-
25/01/2013	G2-DUP	-	3.04	3.68	-	0.024	0.024	0.123	0.095	72	67.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.007	47,500	51,300	-	-
21/02/2013	G2	-	2.79	1.03	-	0.024	0.021	0.076	0.087	71.1	68.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.007	51,200	46,100	-	-
21/03/2013	G2	-	3.72	1.39	-	0.021	0.032	0.065	0.089	69.5	73	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	45,800	46,500	-	-
18/04/2013	G2	-	3.39	1.28	-	0.032	0.027	0.119	0.12	69.2	68.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	47,400	47,200	-	-
24/05/2013	G2	-	278	21.6	-	0.048	0.031	0.433	0.18	87.1	51.7	0.06	<0.01	0.005	<0.005	<50	<50	0.133	0.009	32,100	29,300	-	-
18/07/2013	G2	-	8.01	2.22	-	<0.02	0.032	0.087	0.095	73.3	67.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.008	40,000	37,800	-	-
27/08/2013	G2	-	39.6	3.17	-	0.041	0.045	0.209	0.182	75.2	73.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.011	36,900	35,900	-	-
27/08/2013	G2-DUP	-	23.1	2.94	-	0.041	0.037	0.169	0.166	73.1	71.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.01	35,900	35,300	-	-
26/09/2013	G2	-	17.6	3.7	-	0.04	0.048	0.188	0.16	68.4	68.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.01	37,200	38,800	-	-
23/10/2013	G2	-	17.6	2.68	-	0.036	0.04	0.138	0.157	62	62.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.01	35,700	36,700	-	-
21/11/2013	G2	-	12.5	0.67	-	0.026	0.03	0.102	0.103	69.4	67.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	43,500	43,200	-	-
23/12/2013	G2	-	3.04	2.64	-	0.029	0.03	0.08	0.099	71.3	68.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.005	47,900	47,100	-	-
28/01/2014	G2	-	1.5	0.78	-	0.025	0.025	0.073	0.075	69.7	69.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	48,000	51,600	-	-
27/02/2014	G2	-	2.48	0.76	-	0.023	0.022	0.075	0.08	66.8	65.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	48,000	47,400	-	-
28/03/2014	G2	-	1.57	<0.5	-	0.024	0.028	0.079	0.09	68.9	68.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	0.006	48,200	50,000	-	-
28/03/2014	G2-DUP	-	1.86	<0.5	-	0.029	0.028	0.098	0.097	68.4	67.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	<0.005	48,100	49,600	-	-
25/04/2014	G2	-	10.7	1.34	-	0.026	0.045	0.111	0.106	70	69.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.006	46,800	49,000	-	-
16/05/2014	G2	-	168	5.63	na	0.045	0.033	0.265	0.126	67	61.3	0.021	<0.01	0.006	<0.005	<50	<50	0.049	0.007	37,300	37,100	-	-
16/05/2014	G2-DUP	-	162	7.5		0.04	0.034	0.257	0.126	70.2	62.1	0.017	<0.01	0.005	<0.005	<50	<50	0.048	0.008	38,400	36,800	-	-
23/05/2014	G2	-	548	7.26		0.052	0.031	0.743	0.128	117	51.5	0.113	<0.01	0.015	<0.005	<50	<50	0.221	0.01	38,200	28,500	-	-
29/05/2014	G2	-	130	7.78		0.04	0.032	0.229	0.112	59.5	50.2	0.021	<0.01	<0.005	<0.005	<50	<50	0.05	0.009	31,100	29,900	-	-
06/06/2014	G2	-	102	8.09		0.028	0.028	0.175	0.107	57.2	48.6	0.016	<0.01	<0.005	<0.005	<50	<50	0.033	0.008	30,400	29,800	-	-
13/06/2014	G2	-	99.6	8.75		0.027	0.03	0.133	0.084	56	52.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.021	0.006	31,600	29,500	-	-
25/07/2014	G2	-	6.69	4.51	-	0.031	0.034	0.099	0.113	72.4	71.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.007	44,600	41,800	-	-
25/07/2014	G2-DUP	-	10.6	6.31	-	0.028	0.033	0.081	0.127	73	71.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.009	0.005	43,800	43,300	-	-
22/08/2014	G2	-	4.98	6.5	na	0.027	0.03	0.104	0.123	75.1	72.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.008	44,000	47,800	-	-
22/08/2014	G2-DUP	-	4.56	1.46		0.029	0.034	0.107	0.114	75.4	72.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.007	43,700	46,100	-	-
29/08/2014	G2	-	5.71	3.81		0.026	0.033	0.112	0.111	73.8	76	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.007	45,900	45,000	-	-
06/09/2014	G2	-	17	1.99		0.027	0.029	0.066	0.079	75.2	74	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.006	45,200	45,400	-	-
12/09/2014	G2	-	19.8	2.04		0.027	0.027	0.089	0.089	70.6	68.8	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.006	49,900	49,000	-	-
19/09/2014	G2	-	6.78	1.92		0.031	0.034	0.099	0.105	76	74.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.006	50,200	49,500	-	-
30/10/2014	G2	-	5.74	2.24	-	0.025	0.033	0.083	0.084	67.7	76.6	<0.01	<0.01	<0.005	<0.005	11	12	0.006	0.005	45,800	50,000	-	-
30/10/2014	G2-DUP	-	5.45	2.16	-	0.029	0.03	0.093	0.075	68.9	77.7	<0.01	<0.01	<0.005	<0.005	11	12	0.009	0.005	44,000	47,400	-	-
28/11/2014	G2	-	42.5	2.66	-	0.029	0.029	0.103	0.098	69	67	<0.01	<0.01	<0.005	<0.005	12	12	0.0119	0.0063	41,100	39,200	-	-
28/11/2014	G2-DUP	-	62.1	2.18	-	0.028	0.026	0.121	0.094	71.3	66.2	<0.01	<0.01	<0.005	<0.005	12	12	0.022	0.0081	42,300	39,400	-	-
18/12/2014	G2	-	7.34	2.94	-	0.028	0.024	0.077	0.079	68	67.1	<0.01	<0.01	<0.005	<0.005	10	<10	0.0059	0.007	43,800	42,400	-	-
22/01/2015	G2	-	4.49	1.64	-	0.026	0.026	0.085	0.088	69.9	71.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.007	0.006	46,000	46,000	-	-
26/02/2015	G2	8200	2.49	1.29	-	0.027	0.025	0.083	0.07	69.5	65.3	<0.01	<0.01	<0.005	<0.005	11	<10	0.006	0.006	46,500	47,700	-	-
27/03/2015	G2	7900	12.3	2.1	-	0.026	0.027	0.1	0.102	66.3	69.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0064	<0.005	43,200	44,100	-	-
24/04/2015	G2	-	89.6	4.58	-	<0.05	0.028	0.129	0.092	62.4	63.7	0.011	<0.01	<0.02	<0.005	<50	<10	0.0081	<0.005	36,400	38,700	-	-
24/04/2015	G2-DUP	-	105	5.6	-	<0.05	0.028	0.142	0.075	63.1	64.3	0.012	<0.01	<0.02	<0.005	<50	<10	0.0132	<0.005	38,300	37,800	-	-
14/05/2015	G2	-	33.1	3.06	na	0.033	0.029	0.135	0.097	62.2	62.6	<0.01	<0.01	<0.005	<0.005	12	10	0.0104	0.0057	38,000	37,200	-	-
21/05/2015	G2	-	388	4		0.063	0.026	0.271	0.095	113	54.3	0.026	<0.01	0.016	<0.005	<10	<10	0.039	0.005	31,300	32,100	-	-
29/05/2015	G2	-	91	5.2		0.033	0.031	0.186	0.106	58.7	53.1	0.016	<0.01	<0.005	<0.005	<10	<10	0.033	0.006	31,300	31,000	-	-
04/06/2015	G2	-	1040	5.55		0.071	0.025	0.439	0.087	66.4	52.9	0.053	<0.01	<0.02	<0.005	<50	<10	0.05	0.0068	29,700	31,400	-	-
12/06/2015	G2	-	95.3	2.8		0.033	0.03	0.14	0.115	63.9	61.5	<0.01	<0.01	<0.005	0.0263	<10	<10	0.015	0.0065	34,900	36,000	-	-
24/07/2015	G2	-	213	2.2	-	<0.05	0.03	0.242	0.121	78.7	76.1	0.014	<0.01	<0.02	<0.005	<50	12	0.0191	<0.005	44,700	42,500	-	-
21/08/2015	G2	-	25.4	1.65	na	0.029	0.032	0.103	0.072	80.7	78.7	<0.01	<0.01	<0.005	<0.005	10	10	0.011	0.006	48,000	48,000	-	-
28/08/2015	G2	-	18.5	1.84		0.028	0.035	0.128	0.103	75.1	79	<0.01	<0.01	<0.005	<0.005	11	11	0.009	0.008	49,300	48,000	-	-
04/09/2015	G2	-	74	1.67		0.038	0.034	0.1	0.084	79.3	78.2	<0.01	<0.01	<0.005	<0.005	13	13	0.011	<0.005	45,500	45,600	-	-
10/09/2015	G2	-	29.7	2.71		0.033	0.034	0.133	0.117	77.8	79.7	<0.01	<0.01	<0.005	<0.005	<10	<10	0.009	0.008	48,000	47,500	-	-
18/09/2015	G2	-	10.8	1.76		0.031	0.025	0.084	0.102	88.9	75.9	<0.01	<0.01	<0.005	<0.005	10	<10	0.007	0.005	47,500	46,600	-	-
13/05/2016	G2	-	87.3	4.47	-	<0.05	0.027	0.113	0.108	55.2	52.9	<0.01	<0.01	<0.02	<0.005	<50	<10	0.014	<0.005	30,500	30,800	-	-
20/07/2018	G2	-	9.6	1.4	-	<0.1	<0.1	0.11	<0.1	73.4	75.8	<0.1	<0.1	<0.05	<0.05	11	12	0.0089	0.0062	43,300	44,000	<0.01	<0.01
09/11/2018	G2	-	4.1	80	-	<0.1	<0.1	0.11	0.14	71.6	81.2	<0.1	<0.1	<0.05	<0.05	<10	10	0.0089	0.0219	46,500	72,500	<0.01	<0.01
04/03/2019	G2	-	4.1	<1	-	<0.1	<0.1	<0.1	<0.1	65.7	64.5	<0.1	<0.1	<0.05	<0.05	<10	10	0.0095	0.0075	48,000	48,400	0.013	<0.01
18/06/2019	G2	-	24.4	2.8	-	<0.1	<0.1	0.13	0.1	60.7	67.4	<0.1	<0.1	<0.05	<0.05	11	11	0.0102	0.009	37,200	40,500	<0.01	<0.01
15/05/2012	H1	-	310	4.23	-	0.077	0.065	0.525	0.164	66.7	43.5	0.054	<0.01	<0.005	<0.005	<50	<50	0.187	0.012	52,700	48,000	-	-
19/06/2012	H1	-	119	5.37	-	0.061	0.048	0.207	0.115	50.2	43.8	0.019	<0.01	<0.005	<0.005	<50	<50	0.054	0.0153	42,100	42,200	-	-
25/07/2012	H1	-	27.3	5.04	-	0.062	0.067	0.201	0.153	57.7	56.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.01	54,500	56,400	-	-
26/08/2012	H1	-	15.5	7.8	-	0.076	0.071	0.176	0.158	62.7	62.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.01	69,900	69,700	-	-
18/09/2012	H1	-	5.27	1.15	-	0.064	0.066	0.125	0.105	60.8	68.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.014	66,800	75,500	-	-
25/10/2012	H1	-	4.44	1.54	-	0.064	0.061	0.152	0.116	60.7	62	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.013	73,300	73,200	-	-
23/11/2012	H1	-	6	2.58	-	0.067	0.075	0.127	0.122	65.1	63.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.046	0.019	78,000	76,800	-	-
16/12/2012	H1	-	5.31	1.73	-	0.065	0.06	0.142	0.138	64.5	64.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.039	0.015	75,800	75,200	-	-
25/01/2013	H1	-	5.81	1.71	-	0.057	0.067	0.181	0.17	67.6	66.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.011	75,900	80,800	-	-
21/02/2013	H1	-	7.48	1.23	-	0.053	0.061	0.155	0.139	66.4	63.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.009	77,100	72,900	-	-
21/02/2013	H1-DUP	-	10.1	1.37	-	0.052	0.052	0.132	0.159	65.4	62.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.011	74,900	73,700	-	-
21/03/2013	H1	-	7.46	1.99	-	0.057	0.067	0.123	0.134	65.6	66.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.011	73,800	74,300	-	-
21/03/2013	H1-DUP	-	7	2.17	-	0.061	0.066	0.126	0.126	65.3	67.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.014	73,600	75,200	-	-
18/04/2013	H1	-	7.6	1.34	-	0.078	0.068	0.17	0.163	59.5	55.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.02	0.014	76,000	76,100	-	-
24/05/2013	H1	-	187	7.37	-	0.068	0.061	0.298	0.206	58.5	45.9	0.024	<0.01	0.007	<0.005	<50	<50	0.068	0.015	45,300	43,100	-	-
18/07/2013	H1	-	15.9	2.98	-	0.076	0.07	0.163	0.17	61.1	56.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.013	60,900	60,100	-	-
27/08/2013	H1	-	6.88	1.42	-	0.072	0.063	0.172	0.172	67.1	64.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.012	65,800	65,500	-	-
26/09/2013	H1	-	11.6	1.52	-	0.066	0.059	0.144	0.124	64.1	63.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.01	74,200	76,000	-	-
23/10/2013	H1	-	3.8	1.31	-	0.053	0.07	0.114	0.123	61.6	62.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.013	72,300	76,500	-	-
21/11/2013	H1	-	15.6	1.87	-	0.06	0.059	0.136	0.134	69.9	65.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.013	71,000	77,100	-	-
22/12/2013	H1	-	12.9	1.62	-	0.061	0.059	0.142	0.135	63.4	59.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.009	74,600	69,500	-	-
28/01/2014	H1	-	1.43	0.78	-	0.052	0.052	0.108	0.115	64.7	67.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.01	77,200	79,400	-	-
27/02/2014	H1	-	2.64	1.72	-	0.055	0.06	0.124	0.131	66.3	67.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.012	81,600	79,000	-	-
27/02/2014	H1-DUP	-	4.69	0.8	-	0.051	0.053	0.116	0.121	66	66.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.015	0.013	79,300	82,200	-	-
28/03/2014	H1	-	2.35	<0.5	-	0.055	0.064	0.132	0.144	68.7	69.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.014	0.013	78,100	83,000	-	-
25/04/2014	H1	-	37.6	2.58	-	0.089	0.089	0.202	0.169	59.8	58.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.021	0.013	76,400	80,400	-	-
16/05/2014	H1	-	176	7.24	na	0.082	0.075	0.313	0.151	53.2	46.6	0.024	<0.01	0.007	<0.005	<50	<50	0.075	0.018	59,300	58,000	-	-
23/05/2014	H1	-	402	7.07		0.088	0.066	0.576	0.164	75.6	46	0.067	<0.01	0.009	<0.005	<50	<50	0.176	0.017	52,500	44,000	-	-
29/05/2014	H1	-	109	6.46		0.068	0.061	0.226	0.139	48.9	42.7	0.012	<0.01	<0.005	<0.005	<50	<50	0.055	0.02	49,400	48,900	-	-
06/06/2014	H1	-	111	6.77		0.062	0.057	0.212	0.147	48.2	43.7	0.014	<0.01	<0.005	<0.005	<50	<50	0.045	0.016	47,300	44,500	-	-
13/06/2014	H1	-	82.2	4.65		0.052	0.057	0.169	0.119	49.1	46.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.022	0.01	49,200	44,800	-	-
25/07/2014	H1	-	7.43	4.21	-	0.065	0.069	0.135	0.149	62.3	59.7	<0.01	<0.01	<0.005	<0.005	<20	<20	0.015	0.014	68,500	65,200	-	-
22/08/2014	H1	-	5.35	1.52	na	0.06	0.066	0.151	0.164	61.7	61.8	<0.01	<0.01	<0.005	<0.005	<20	<20	0.016	0.014	67,800	69,400	-	-
29/08/2014	H1	-	8.96	5.04		0.065	0.074	0.152	0.158	64.1	65.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.016	0.011	68,000	68,400	-	-
06/09/2014	H1	-	11.3	3.39		0.059	0.061	0.109	0.122	63.4	63	<0.01	<0.01	<0.005	<0.005	<20	<20	0.017	0.012	70,800	67,400	-	-
12/09/2014	H1	-	7.74	3.29		0.059	0.061	0.132	0.136	60	59.8	<0.01	<0.01	<0.005	<0.005	<20	<20	0.014	0.011	80,200	74,900	-	-
19/09/2014	H1	-	5.6	2.59		0.069	0.063	0.143	0.137	64.1	64.2	<0.01	<0.01	<0.005	<0.005	<20	<20	0.014	0.012	75,100	75,300	-	-
19/09/2014	H1-DUP	-	7.04	2.34		0.029	0.032	0.115	0.108	47.3	46.6	<0.01	<0.01	<0.005	<0.005	<20	<20	0.01	0.006	40,900	40,800	-	-
30/10/2014	H1	-	3.27	2.14	-	0.062	0.065	0.119	0.118	58.2	66.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.012	0.012	75,800	79,800	-	-
28/11/2014	H1	-	144	2.14	-	0.099	0.066	0.233	0.123	63.7	64.3	0.01	<0.01	<0.02	<0.005	<50	<10	0.031	0.014	69,100	71,800	-	-
18/12/2014	H1	-	6.07	3.48	-	0.054	0.057	0.107	0.125	61.3	64.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0115	0.013	70,800	75,400	-	-
22/01/2015	H1	-	6.21	1.75	-	0.054	0.06	0.121	0.127	67.9	66.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.014	0.013	78,300	79,300	-	-
23/01/2015	H1-DUP	-	3.86	1.69	-	0.061	0.056	0.127	0.13	68.8	68.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.013	0.013	77,000	75,200	-	-
26/02/2015	H1	47,700	6.22	3.78	-	0.071	0.064	0.11	0.1	64.2	59	<0.01	<0.01	<0.005	<0.005	<10	<10	0.015	0.013	78,500	76,300	-	-
27/03/2015	H1	44,900	16.2	2.25	-	0.071	0.075	0.138	0.162	57.8	59.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0167	0.0134	72,200	71,400	-	-
24/04/2015	H1	-	58.5	4.32	-	0.059	0.071	0.179	0.118	46.6	46.7	<0.01	<0.01	<0.02	<0.005	<50	<10	0.021	0.0138	59,800	59,200	-	-
14/05/2015	H1	-	18.3	2.16	na	0.063	0.086	0.155	0.137	52.1	47.9	<0.01	<0.01	<0.005	<0.005	10	<10	0.0129	0.0125	57,900	60,100	-	-
21/05/2015	H1	-	51.9	2.3		0.056	0.05	0.139	0.123	50.5	45.9	<0.01	<0.01	<0.005	<0.005	<10	<10	0.019	0.011	45,700	51,800	-	-
29/05/2015	H1	-	95.4	3.74		0.048	0.045	0.188	0.128	49	47	0.011	<0.01	<0.005	<0.005	<10	<10	0.034	0.008	45,700	43,700	-	-
04/06/2015	H1	-	407	4.52		0.076	0.054	0.345	0.123	57.2	48.4	0.03	<0.01	<0.02	<0.005	<50	<10	0.0482	0.0114	46,700	47,400	-	-
12/06/2015	H1	-	47.9	13.7		0.059	0.064	0.167	0.157	54.1	56.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0186	0.0104	50,100	51,000	-	-
24/07/2015	H1	-	81.9	2.07	-	0.076	0.065	0.233	0.159	65.5	61.5	<0.01	<0.01	<0.02	<0.005	<50	<10	0.0197	0.0095	70,300	64,700	-	-
21/08/2015	H1	-	17	1.4	na	0.073	0.086	0.161	0.12	67.3	69	<0.01	<0.01	<0.005	<0.005	<10	<10	0.018	0.011	72,700	70,800	-	-
28/08/2015	H1	-	11.4	2.25		0.069	0.085	0.176	0.156	66.3	67.6	<0.01	<0.01	<0.005	<0.005	<10	<10	0.016	0.013	72,000	74,100	-	-
04/09/2015	H1	-	29.2	1.56		0.08	0.063	0.176	0.169	67.7	63.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.016	0.012	71,100	72,800	-	-
10/09/2015	H1	-	8.4	10.7		0.067	0.123	0.163	0.162	67.4	68.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.014	0.016	70,200	72,600	-	-
18/09/2015	H1	-	6.56	1.05		0.073	0.064	0.15	0.147	68.7	67.1	<0.01	<0.01	<0.005	<0.005	<10	<10	0.013	0.011	75,700	77,300	-	-
13/05/2016	H1	-	75.3	3.09	-	0.058	0.05	0.174	0.124	49.9	49.9	<0.01	<0.01	<0.02	<0.005	<50	<10	0.021	0.009	49,100	54,100	-	-
20/07/2018	H1	-	10.6	1	-	<0.1	<0.1	0.16	0.17	61.6	62.3	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0166	0.0103	66,000	64,300	<0.01	<0.01
09/11/2018	H1	-	6.2	66.9	-	<0.1	0.1	0.16	0.17	63.7	70.1	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0141	0.0202	73,500	102,000	<0.01	<0.01
04/03/2019	H1	-	4.3	<1	-	<0.1	<0.1	0.13	0.13	68.5	64.2	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0124	0.011	82,000	82,200	<0.01	<0.01
18/06/2019	H1	-	18	2.9	-	<0.1	<0.1	0.18	0.15	52.3	57.8	<0.1	<0.1	<0.05	<0.05	<10	<10	0.012	0.0147	53,500	57,200	<0.01	<0.01

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Location Code	Sample Date	Sample ID	Lab Report Number	Physical Tests (*in-situ* sampling)								Calculated Parameters							
				Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life																			
M1	14/05/2012	M1	B240844	9.1	7.5	244	-	9.5	84	-	-	-	-	-	82,400	<10,000	<10,000	-	102,000
	14/05/2012	M1-DUP	B240844	9.1	7.5	244	-	9.5	84	-	-	-	-	-	81,800	<10,000	<10,000	-	102,000
	19/06/2012	M1	B252527	5	7.54	174	-	11.4	90	-	-	-	-	-	64,500	<10,000	<10,000	-	77,500
	25/07/2012	M1	B265706	15.2	9.04	219.9	-	8	90.9	-	-	-	-	-	107,000	17,000	17,000	-	154,000
	25/08/2012	M1	B276408	15.1	8.77	305.9	-	8.9	101.6	140.4	-	-	-	-	138,000	26,000	24,000	-	207,000
	18/09/2012	M1	B283851	8.3	8.59	277.8	-	10.45	103.3	106.8	-	-	-	-	153,000	28,000	26,000	-	233,000
	18/09/2012	M1-DUP	B283851	8.3	8.59	277.8	-	10.45	103.3	106.8	-	-	-	-	150,000	29,000	29,000	-	212,000
	24/10/2012	M1	B297129	2.79	8.7	215	373	13	96.2	149.3	1.13	-	1550	-	133,000	23,000	23,000	-	-
	23/11/2012	M1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	109,000	19,600	19,500	-	-
	15/12/2012	M1	B2B4014	0.02	8.65	188	357	12.6	86.3	163	-	-	-	-	128,000	23,100	21,900	-	186,000
	25/01/2013	M1	B306701	0.02	7.92	214	409	13.24	90.8	124	-	-	-	-	140,000	25,200	28,400	-	227,000
	21/02/2013	M1	B314188	0.02	8.28	220	425	11.6	79.6	71	0.67	-	-	-	145,000	23,900	22,600	-	209,000
	20/03/2013	M1	B322778	0.5	8.23	168	315	12.55	87.1	146	3.85	-	-	-	114,000	15,800	15,600	-	157,000
	17/04/2013	M1	B330896	3.8	8.7	187.4	312	12.54	94.1	142.5	8.14	-	-	-	84,400	8000	5800	-	83,100
	24/05/2013	M1	B341818	3.3	7.99	70.2	122.2	11.88	103.2	108.6	-	-	-	-	59,700	4300	3600	-	70,700
	21/06/2013	M1	B352218	5.2	7.98	98.2	157.7	11.42	103.7	237.9	-	-	-	-	77,800	5700	6100	-	85,100
	21/06/2013	M1-DUP	B352218	5.2	7.98	98.2	157.7	11.42	103.7	237.9	-	-	-	-	78,700	4800	6000	-	85,100
	17/07/2013	M1	B361290	12.69	8.69	294	384	9.92	93.6	83	10	-	-	-	129,000	17,100	16,100	-	154,000
	26/08/2013	M1	B376191	14.2	8.49	276.6	348.8	8.37	92.6	130.6	-	-	-	-	153,000	23,900	23,400	-	215,000
	25/09/2013	M1	B387669	7.6	7.92	204.2	306.3	9.75	85.6	204.1	-	-	-	-	134,000	18,800	20,000	-	183,000
	24/10/2013	M1	B399472	5.2	8.52	231.5	372.3	11.21	88.5	281	-	-	-	-	135,000	22,600	23,900	-	210,000
	24/10/2013	M1-DUP	B399472	5.2	8.52	231.5	372.3	11.21	88.5	281	-	-	-	-	137,000	23,800	23,700	-	210,000
	20/11/2013	M1	B3A8665	0	8.17	-	382.5	13.76	98.6	263.7	-	-	-	-	131,000	12,700	12,700	-	160,000
	22/12/2013	M1	B3B7782	0	8.24	217.6	415.7	12.23	94.9	288.3	-	-	-	-	151,000	21,900	24,800	-	196,000
	27/01/2014	M1	B406874	0.2	8.43	-	410.6	11.82	81.3	129.7	-	-	-	-	145,000	24,300	23,600	-	206,000
	27/02/2014	M1	B416171	0.1	8.04	-	331.9	12.37	84.8	208.7	-	-	-	-	152,000	22,600	22,100	-	217,000
	27/03/2014	M1	B424928	-	0.5	-	348.6	12.11	84.2	241.8	-	-	-	-	143,000	21,400	21,700	-	210,000
	24/04/2014	M1	B432952	0.5	8.49	-	275.2	11.27	87.8	167.8	-	-	-	-	127,000	17,700	18,400	-	191,000
	24/04/2014	M1-DUP	B432952	0.5	8.49	-	275.2	11.27	87.8	167.8	-	-	-	-	124,000	18,300	18,500	-	179,000
	15/05/2014	M1	B439804	6.8	8.3	-	189.5	10.2	83.4	223.8	54.94	-	-	-	91,300	8100	8000	-	117,000
	23/05/2014	M1	B442060	3.2	8.27	-	117.6	11.66	86.9	255.6	369.4	-	-	-	89,100	4100	3700	-	75,400
	29/05/2014	M1	B444272	5	8.21	-	128.6	11.11	87.1	279.6	71.49	-	-	-	68,700	5300	5100	-	80,600
	05/06/2014	M1	B446972	6.4	8.12	93.2	126.5	10.52	86.3	296.9	59.03	-	-	-	66,400	4600	3900	-	78,000
	12/06/2014	M1	B449500	8.1	8.32	-	150.6	10.65	89.8	271.1	13.11	-	-	-	70,200	5200	4900	-	84,800
	24/07/2014	M1	B464009	11.5	8.53	-	283.2	9.97	90.8	216	4.09	-	-	-	123,000	16,000	15,100	-	164,000
	22/08/2014	M1	B474408	10.27	8.05	-	380	8.77	80.8	183	1.83	-	-	-	144,000	21,600	23,700	-	201,000
	29/08/2014	M1	B476541	10.85	8.36	-	359	9.36	89.7	149	4.29	-	-	-	141,000	18,200	18,200	-	177,000
	05/09/2014	M1	B479164	10.01	8.45	-	339	9.78	85.5	142	5.88	-	-	-	133,000	17,300	19,200	-	213,000
	11/09/2014	M1-DUP	B481292	7.66	8.48	-	299	10.49	87.9	109	2.07	-	-	-	142,000	20,800	19,600	-	203,000
	12/09/2014	M1	B481292	7.66	8.48	-	299	10.49	87.9	109	2.07	-	-	-	140,000	22,900	21,500	-	211,000
	19/09/2014	M1	B483962	9.5	8.49	-	304	9.8	85.4	147	3.18	-	-	-	140,000	20,000	19,300	-	198,000
	30/10/2014	M1	B499587	6.9	8.53	-	338.8	10.73	88.1	266.3	2.74	-	-	-	137,000	17,300	17,300	-	179,000
	28/11/2014	M1	B4A9093	0.01	8.26	-	210.3	12	82	221.5	38.42	-	-	-	110,000	15,000	15,500	-	155,000
	18/12/2014	M1	B4B5326	1.1	8.36	-	269.5	12.34	87.2	228.7	2.51	-	-	-	121,000	13,000	15,000	-	159,000
	23/01/2015	M1	B505986	0	8.33	-	322.9	12.84	86	232.4	2.16	-	-	-	139,000	21,100	19,500	-	197,000
	27/02/2015	M1	B516449	0	8.35	-	380.1	14.32	99	182	1	-	<500	-	143,000	18,600	-	-	-
	26/03/2015	M1	B525184	2.2	8.31	-	224.1	11.87	85.6	208.6	16.24	-	<500	-	113,000	12,100	-	-	-
	23/04/2015	M1	B533584	5.3	8.88	-	208.7	10.41	82	279.1	16.82	-	-	-	89,100	<15,000	7500	-	114,000
	15/05/2015	M1	B540628	4.7	8.47	-	167.5	13.23	102.8	244.5	2.08	-	-	-	89,500	7800	8900	-	119,000
	21/05/2015	M1	B542667	8.1	8.51	-	152	10.93	92.7	296.8	8.91	-	-	-	77,100	5500	6200	-	95,900
	28/05/2015	M1	B545872	5.7	8.11	-	138..3	10.67	85	268.5	30.66	-	-	-	67,800	3800	3900	-	84,600
	04/06/2015	M1	B547761	4.9	8.09	-	137.4	11.95	93.3	355.5	32.26	-	-	-	69,900	<15,000	5200	-	93,100
	11/06/2015	M1	B549906	10.4	8.34	-	173.9	8.84	79.1	297	6.96	-	-	-	87,400	5700	5500	-	103,000
	23/07/2015	M1	B563471	13.8	8.55	-	509.5	9.11	79.1	357.2	0.37	-	-	-	144,000	15,700	15,800	-	182,000
	20/08/2015	M1	B572515	13.9	8.58	-	347.8	9	87.2	104.8	1.02	-	-	-	153,000	20,500	21,100	-	213,000
	27/08/2015	M1	B575103	11.8	8.55	-	356.9	9.32	86.3	116.6	1.93	-	-	-	148,000	20,900	21,600	-	216,000
	03/09/2015	M1	B577658	-	-	-	-	-	-	-	-	-	-	-	150,000	21,000	19,700	-	196,000
	10/09/2015	M1	B579637	10.9	8.5	-	327.5	9.18	83.2	169.2	5.38	-	-	-	136,000	20,800	21,300	-	175,000
	17/09/2015	M1	B582068	89.8	8.52	-	175.1	10.31	91	147.8	1.33	-	-	-	144,000	19,600	19,500	-	204,000
	13/05/2016	M1	B637198	2.4	8.27	-	183.9	11.34	83	220.2	5.54	-	-	-	93,500	9400	9900	-	114,000
	09/11/2018	M1	L2195291	-0.02	8.4	200.5	384.1	12.66	100	33.6	1.43	129,000	3600	<1000	133,000	24,700	23,000	201,000	-
	09/11/2018	M1-DUP	L2195291	-0.02	8.4	200.5	384.1	12.66	100	33.6	1.43	125,000	<1000	<1000	125,000	24,600	22,800	204,000	-
	04/03/2019	M1	L2240838	-0.1	8.18	-	439.8	13.38	91.5	39.3	0.69	162,000	<1000	<1000	162,000	26,800	23,800	226,000	-
	18/06/2019	M1	L2295044	11.74	8.47	176.7	236.6	9.95	106.5	88.3	3.1	87,200	5600	<1000	92,800	9730	9080	125,000	-
M2	14/05/2012	M2	B240844	10.2	7.86	236	-	9.1	78	-	-	-	-	-	87,100	<10,000	<10,000	-	104,000
	19/06/2012	M2	B252527	5.3	7.73	182	unit malfunct	t malfunction			-	-	-	-	70,100	<10,000	<10,000	-	79,700
	25/07/2012	M2	B265706	13.6	8.87	229.9	-	8.52	94.2	-	-	-	-	-	120,000	17,000	18,000	-	170,000
	25/08/2012	M2	B276408	11.8	9.99	292	-	9.49	101.2	139.6	-	-	-	-	147,000	25,000	24,000	-	217,000
	18/09/2012	M2	B283851	7.7	8.51	281.9	-	10.27	99.2	111.3	-	-	-	-	158,000	26,000	30,000	-	252,000
	24/10/2012	M2	B297129	2.7	8.63	221.7	386.4	12.82	94.7	145.2	1.9	-	690	-	144,000	23,000	23,000	-	-
	23/11/2012	M2	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	127,000	23,100	21,800	-	-
	15/12/2012	M2	B2B4014	0.3	8.62	215	403	12.55	86.7	159	-	-	-	-	143,000	24,000	24,100	-	217,000
	24/01/2013	M2	B306701	0.53	8.17	238	447	12.7	88.3	169	-	-	-	-	154,000	28,700	27,700	-	242,000
	21/02/2013	M2	B314188	0.3	8.44	265	502	12.21	84.6	93	0.72	-	-	-	164,000	33,800	31,700	-	257,000
	20/03/2013	M2	B322778	1.49	8.27	217	395	11.44	81.9	130	3.75	-	-	-	135,000	22,700	24,300	-	200,000
	17/04/2013	M2	B330896	4.6	8.76	240	393.8	12.13	94	145.2	8.79	-	-	-	144,000	22,700	24,700	-	201,000
	17/04/2013	M2-DUP	B330896	4.6	8.76	240	393.8	12.13	94	145.2	8.79	-	-	-	144,000	22,000	23,000	-	203,000
	24/05/2013	M2	B341818	3.6	8.04	90.1	152.6	11.76	103	106.3	-	-	-	-	79,600	5400	5400	-	95,400
	21/06/2013	M2	B352218	5.4	8.02	105.4	168.3	11.12	101.2	13.4	-	-	-	-	84,500	5200	6500	-	92,800
	17/07/2013	M2	B361290	11.57	8.63	286	385	10.43	96.3	72	8.24	-	-	-	146,000	13,900	13,400	-	154,000
	26/08/2013	M2	B376191	13.6	8.41	254.5	325.5	9.31	90.4	163	-	-	-	-	155,000	17,200	17,000	-	229,000
	25/09/2013	M2	B387669	7.2	7.92	199.6	302.1	9.63	81.1	129	-	-	-	-	135,000	17,200	17,500	-	183,000
	24/10/2013	M2	B399472	5.2	8.49	223.7	359.2	11.72	92.6	278.9	-	-	-	-	145,000	18,400	20,000	-	206,000
	20/11/2013	M2	B3A8665	0	8.49	223.7	359.2	13.38	95.2	267.8	-	-	-	-	150,000	20,800	23,200	-	211,000
	22/12/2013	M2	B3B7782	0.1	8.33	214.2	407.7	12.24	95	289.3	-	-	-	-	157,000	19,500	22,700	-	196,000
	27/01/2014	M2	B406874	0	8.49	-	366.8	12.1	85.4	136.8	-	-	-	-	154,000	23,800	22,100	-	206,000
	27/02/2014	M2	B416171	0.2	8.18	-	457.6	12.51	86.2	223.8	-	-	-	-	158,000	26,200	25,900	-	236,000
	27/03/2014	M2	B424928	-	0.52	-	360.8	13.01	92.9	232.1	-	-	-	-	149,000	21,200	21,400	-	217,000
	24/04/2014	M2	B432952	4.9	8.48	-	279.7	11.59	83.6	171.6	-	-	-	-	129,000	17,100	18,400	-	180,000
	15/05/2014	M2	B439804	6.9	8.32	-	196.8	10.09	83.1	220.1	46.44	-	-	-	97,500	8600	7900	-	120,000
	23/05/2014	M2	B442060	3.4	8.23	-	139	11.36	85.7	260.5	289.9	-	-	-	82,900	4800	3900	-	83,600
	29/05/2014	M2	B444272	5.5	8.26	-	135.2	11.15	88.7	265.7	66.12	-	-	-	74,500	4700	5000	-	89,300
	05/06/2014	M2	B446972	6.7	8.17	105.7	143.4	11	90	293.7	54.32	-	-	-	69,000	3900	4400	-	84,100
	12/06/2014	M2	B449500	8.1	8.37	-	161.8	10.65	89.8	267.8	11.65	-	-	-	78,200	5000	5400	-	88,400
	24/07/2014	M2	B464009	10.9	8.52	-	286.2	10.78	97.6	214.4	2.46	-	-	-	132,000	14,300	14,000	-	174,000
	22/08/2014	M2	B474408	9.23	8.27	-	373	8.77	86.4	176	1.39	-	-	-	150,000	18,100	20,100	-	197,000
	29/08/2014	M2	B476541	9.7	8.38	-	358	9.84	86.7	157	1.43	-	-	-	148,000	16,200	16,100	-	186,000
	05/09/2014	M2	B479164	9.5	8.47	-	337	10.04	88	131	2.16	-	-	-	140,000	15,100	13,900	-	178,000
	12/09/2014	M2	B481292	7.17	8.51	-	299	11.01	87.4	117	2.07	-	-	-	144,000	16,500	16,600	-	203,000
	19/09/2014	M2	B483962	8.66	8.49	-	296	9.97	82.3	145	4.36	-	-	-	147,000	15,400	15,800	-	198,000
	30/10/2014	M2	B499587	6.2	8.49	-	349.4	11.06	89.4	268.9	2.95	-	-	-	144,000	17,400	16,900	-	203,000
	28/11/2014	M2	B4A9093	-0.01	8.26	-	176.9	11.46	78.3	325.4	21.4	-	-	-	99,200	16,000	16,700	-	158,000
	18/12/2014	M2	B4B5326	1.3	8.39	-	265.9	12.44	89.6	235.5	1.93	-	-	-	134,000	13,000	13,300	-	169,000
	23/01/2015	M2	B505986	0.1	8.33	-	331.3	13.3	91.3	238.9	1.02	-	-	-	151,000	20,700	17,100	-	201,000
	27/02/2015	M2	B516449	-0.1	8.3	-	364.7	14.49	99	135.5	1.02	-	<500	-	130,000	16,500	-	-	-
	26/03/2015	M2	B525184	2.6	8.35	-	237.3	12.1	85.3	220.3	10.54	-	<500	-	121,000	12,800	-	-	-
	23/04/2015	M2	B533584	5.5	8.84	-	266.6	10.56	83.6	267	10.77	-	-	-	98,400	<15,000	7300	-	115,000
	15/05/2015	M2	B540628	5.2	8.51	-	177.9	13.65	107.3	251.7	2.68	-	-	-	100,000	8300	9000	-	130,000
	21/05/2015	M2	B542667	8.5	8.56	-	160.3	11.03	94.3	296.4	8.44	-	-	-	83,200	5700	5700	-	100,000
	28/05/2015	M2	B545872	5.8	8.14	-	148.9	10.59	84.6	270.6	31.69	-	-	-	78,200	4800	3700	-	91,600
	04/06/2015	M2	B547761	-	-	-	-	-	-	-	-	-	-	-	80,900	<15,000	5600	-	89,700
	11/06/2015	M2	B549906	10.4	8.36	-	184.6	8.62	77.3	305	8.4	-	-	-	95,500	5800	5600	-	109,000
	23/07/2015	M2	B563471	13	8.56	-	310.9	9.71	92.2	349.1	0.49	-	-	-	154,000	14,100	14,300	-	184,000
	20/08/2015	M2	B572515	11.9	8.52	-	310.9	9.34	86.7	97.3	0.88	-	-	-	157,000	19,700	20,400	-	216,000
	27/08/2015	M2	B575103	10.4	8.5	-	370.8	10.4	93	85.3	1.29	-	-	-	158,000	20,100	20,600	-	220,000
	03/09/2015	M2	B577658	-	-	-	-	-	-	-	-	-	-	-	155,000	16,600	19,100	-	204,000
	10/09/2015	M2	B579637	10.6	8.48	-	331.2	9.44	84.9	175	4.97	-	-	-	141,000	18,500	18,800	-	202,000
	17/09/2015	M2	B582068	9.2	8.43	-	182.1	10.55	91.7	158.2	1.67	-	-	-	150,000	18,100	18,300	-	211,000
	13/05/2016	M2	B637198	2.3	8.21	-	174.1	11.57	84.5	217.2	5.31	-	-	-	80,800	<15,000	9800	-	108,000
	09/11/2018	M2	L2195291	0.15	8.38	199.7	380.1	12.5	99.2	38.4	1.51	140,000	3600	<1000	144,000	20,300	19,700	198,000	-
	04/03/2019	M2	L2240838	0	8.31	-	469.8	13.76	94.2	62.4	0.39	168,000	2800	<1000	171,000	30,100	26,600	244,000	-
	18/06/2019	M2	L2295044	11.65	8.56	186.6	250.6	10.09	107.6	84.2	2.01	102,000	6200	<1000	108,000	9810	8920	130,000	-

Sample Date	Sample ID	General Chemistry																																	
		Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002	0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life						Variable			3					Variable											150								Variable[#5]				
14/05/2012	M1	101	<0.5	<0.5	<0.5	0.018	-	-	0.109	-	-	-	0.109	<0.005	-	-	-	0.0943	-	-	0.0194	-	206	-	1.4	0.1	<0.01	-	-	-	7.97	-	20.5	104	-	44.8	27.6
14/05/2012	M1-DUP	99.8	<0.5	<0.5	<0.5	0.021	-	-	0.099	-	-	-	0.107	0.0078	-	-	-	0.109	-	-	0.0201	-	202	-	1.5	0.11	<0.01	-	-	-	8.02	-	20	106	-	47.2	28.3
19/06/2012	M1	78.7	<0.5	<0.5	<0.5	0.0066	-	-	0.092	-	-	-	0.098	0.0058	-	-	-	0.0569	-	-	0.02	-	161	-	0.76	0.082	<0.01	-	-	-	7.97	-	15.6	80.5	-	25.5	12.4
25/07/2012	M1	131	<0.5	<0.5	<0.5	0.087	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0152	-	-	<0.005	-	300	-	1.2	0.13	<0.01	-	-	-	8.12	-	47.5	152	-	2.5	<0.1
25/08/2012	M1	161	3.6	<0.5	3	0.009	-	-	0.181	-	-	-	0.181	<0.005	-	-	-	0.0084	-	-	<0.005	-	397	-	2	0.13	<0.01	-	-	-	8.4	-	68.4	209	-	1.7	0.29
18/09/2012	M1	182	2.52	<0.5	2.1	0.022	-	-	0.243	-	-	-	0.243	<0.005	-	-	-	<0.005	-	-	<0.005	-	434	-	2.3	0.13	<0.01	-	-	-	8.36	-	73.3	209	-	1.2	0.21
18/09/2012	M1-DUP	-	-	-	0.9	0.022	-	-	0.241	-	-	-	0.241	<0.005	-	-	-	<0.005	-	-	<0.005	-	436	-	1.6	0.14	<0.01	-	-	-	8.33	-	75.1	250	-	1.6	0.55
24/10/2012	M1	158	1.86	<0.5	1.55	0.019	-	-	-	-	0.209	-	0.209	<0.005	-	-	0.209	<0.005	-	-	<0.005	-	377	-	2.5	0.13	<0.01	-	-	-	8.37	-	64.4	186	191	<1	0.18
23/11/2012	M1	134	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.348	-	0.348	<0.005	-	-	0.348	0.0204	-	-	0.0075	-	319	-	1.8	0.1	<0.01	-	-	-	8.09	-	49	173	173	1.8	1.11
15/12/2012	M1	157	<0.5	<0.5	<0.5	<0.005	-	-	0.319	-	-	-	0.319	<0.005	-	-	-	0.007	-	-	<0.005	-	361	-	1.9	0.12	<0.01	-	-	-	8.25	-	56.1	184	-	<1	0.41
25/01/2013	M1	171	<0.5	<0.5	<0.5	0.022	-	-	0.373	-	-	-	0.373	<0.005	-	-	-	0.0076	-	-	0.0057	-	414	-	1.9	0.11	<0.01	-	-	-	8.06	-	71.3	232	-	1.1	0.15
21/02/2013	M1	177	<0.5	<0.5	<0.5	0.019	-	-	0.493	-	-	-	0.493	<0.005	-	-	-	0.0077	-	-	0.0056	-	415	-	2.4	0.12	<0.01	-	-	-	8.18	-	68.9	210	-	<1	0.12
20/03/2013	M1	139	<0.5	<0.5	<0.5	0.018	-	-	0.302	-	-	-	0.302	<0.005	-	-	-	0.0165	-	-	0.0086	-	308	-	2.6	0.11	<0.01	-	-	-	8.1	-	46.1	153	-	3.2	2.12
17/04/2013	M1	103	<0.5	<0.5	<0.5	0.058	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	0.0167	-	-	0.0063	-	213	-	2	0.098	<0.01	-	-	-	8.14	-	25.8	97.5	-	3.4	3.83
24/05/2013	M1	72.8	<0.5	<0.5	<0.5	0.027	-	-	0.135	-	-	-	0.135	<0.005	-	-	-	0.0653	-	-	0.0184	-	142	-	0.67	0.082	<0.01	-	-	-	8	-	12.7	72.6	-	32.4	19.3
21/06/2013	M1	94.9	<0.5	<0.5	<0.5	0.037	-	-	0.12	-	-	-	0.128	0.0078	-	-	-	0.317	-	-	0.0189	-	181	-	4.8	0.13	<0.01	-	4.13	4.38	7.92	-	18.1	266	-	920	1010
21/06/2013	M1-DUP	96	<0.5	<0.5	<0.5	0.038	-	-	0.12	-	-	-	0.126	0.0065	-	-	-	2.08	-	-	0.0183	-	181	-	3.3	0.13	<0.01	-	4.68	5.01	7.97	-	15.7	272	-	904	929
17/07/2013	M1	152	2.64	<0.5	2.2	0.0078	-	-	0.037	-	-	-	0.037	<0.005	-	-	-	0.0145	-	-	<0.005	-	331	-	1.2	0.13	<0.01	-	2.18	2.4	8.34	-	46.2	157	-	4.8	2.93
26/08/2013	M1	179	3.8	<0.5	3.17	0.02	-	-	0.267	-	-	-	0.267	<0.005	-	-	-	0.0092	-	-	<0.005	-	418	-	1.6	0.13	<0.01	-	0.97	1.28	8.4	-	72.1	211	-	1.8	0.49
25/09/2013	M1	164	<0.5	<0.5	<0.5	0.012	-	-	0.304	-	-	-	0.31	0.0061	-	-	-	0.0172	-	-	0.0161	-	364	-	1.1	0.14	<0.01	-	1.39	2.23	8.3	-	54.7	186	-	13.5	5.54
24/10/2013	M1	160	2.12	<0.5	1.77	0.0081	-	-	0.238	-	-	-	0.238	<0.005	-	-	-	0.0053	-	-	<0.005	-	392	-	1.3	0.14	<0.01	-	1.51	2.51	8.34	-	65.3	207	-	1.3	0.66
24/10/2013	M1-DUP	165	1.56	<0.5	1.3	0.0095	-	-	0.237	-	-	-	0.237	<0.005	-	-	-	0.0057	-	-	<0.005	-	391	-	1.5	0.14	<0.01	-	1.4	2.74	8.33	-	66.9	205	-	1	0.56
20/11/2013	M1	160	<0.5	<0.5	<0.5	0.013	-	-	0.184	-	-	-	0.184	<0.005	-	-	-	0.0156	-	-	0.009	-	326	-	1.6	0.1	<0.01	-	1.51	1.1	8.15	-	35.5	152	-	<1	0.26
22/12/2013	M1	184	<0.5	<0.5	<0.5	0.022	-	-	0.45	-	-	-	0.45	<0.005	-	-	-	0.0083	-	-	0.0059	-	418	-	1.8	0.12	<0.01	-	0.91	1.1	8.15	-	70	205	-	<1	0.84
27/01/2014	M1	175	1.24	<0.5	1.03	0.018	-	-	0.446	-	-	-	0.446	<0.005	-	-	-	0.0084	-	-	0.0051	-	420	-	1.9	0.13	<0.01	-	1	1.24	8.32	-	72.7	204	-	<1	0.52
27/02/2014	M1	186	<0.5	<0.5	<0.5	0.019	-	-	0.491	-	-	-	0.491	<0.005	-	-	-	0.0087	-	-	0.0072	-	431	-	2.1	0.11	<0.01	-	1	1.29	8.27	-	73	214	-	<1	0.4
27/03/2014	M1	175	<0.5	<0.5	<0.5	0.011	-	-	0.383	-	-	-	0.383	<0.005	-	-	-	0.0099	-	-	0.0057	-	403	-	3.2	0.12	<0.01	-	0.89	1.4	8.31	-	65.5	202	-	1.4	1.45
24/04/2014	M1	152	1.74	<0.5	1.45	0.0092	-	-	0.255	-	-	-	0.255	<0.005	-	-	-	0.0311	-	-	0.0167	-	352	-	2.1	0.13	<0.01	-	2.15	3.08	8.32	-	50.4	183	-	14.8	8.71
24/04/2014	M1-DUP	149	1.25	<0.5	1.04	0.0063	-	-	0.256	-	-	-	0.256	<0.005	-	-	-	0.0326	-	-	0.0194	-	352	-	2.2	0.12	<0.1	-	1.99	2.7	8.32	-	50.5	181	-	12.7	8.39
15/05/2014	M1	111	<0.5	<0.5	<0.5	0.03	-	-	0.187	-	-	-	0.2	0.0129	-	-	-	0.124	-	-	0.018	-	229	-	0.69	0.095	<0.01	-	2.76	2.95	8.07	-	25.3	120	-	45.2	35.5
23/05/2014	M1	109	<0.5	<0.5	<0.5	0.029	-	-	0.16	-	-	-	0.167	0.0065	-	-	-	0.476	-	-	0.0274	-	190	-	0.64	0.085	<0.01	-	5.95	6.2	8.11	-	9.82	139	-	304	121
29/05/2014	M1	83.8	<0.5	<0.5	<0.5	0.013	-	-	0.146	-	-	-	0.165	0.0193	-	-	-	0.117	-	-	0.0697	-	164	-	0.92	0.096	<0.01	-	3.91	3.36	8.04	-	15.7	93.1	-	53.2	57.6
05/06/2014	M1	81	<0.5	<0.5	<0.5	0.023	-	-	-	-	-	-	0.116	-	-	-	-	0.0436	-	-	0.034	-	155	-	1	0.092	<0.01	-	2.41	3.84	7.98	-	12.1	87.5	-	37	33
12/06/2014	M1	85.6	<0.5	<0.5	<0.5	0.016	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	0.0438	-	-	0.0253	-	171	-	0.79	0.094	<0.01	-	1.55	3.04	8.04	-	14.8	91.4	-	15.5	8.07
24/07/2014	M1	150	<0.5	<0.5	<0.5	0.4	-	-	0.183	-	-	-	0.183	<0.005	-	-	-	0.0087	-	-	<0.005	-	326	-	1	0.13	<0.01	-	1.45	0.98	8.28	-	41.8	167	-	1.7	0.64
22/08/2014	M1	173	1.56	<0.5	1.3	0.018	-	-	0.443	-	-	-	0.443	<0.005	-	-	-	<0.005	-	-	0.0064	-	398	-	1.7	0.14	<0.01	-	0.82	0.96	8.32	-	65.9	196	-	1.1	0.37
29/08/2014	M1	172	<0.5	<0.5	<0.5	0.025	-	-	0.378	-	-	-	0.378	<0.005	-	-	-	0.0134	-	-	0.0074	-	370	-	1.3	0.14	<0.01	-	<0.5	0.81	8.28	-	52.3	189	-	1.7	1.4
05/09/2014	M1	160	1.3	<0.5	1.08	0.02	-	-	0.345	-	-	-	0.345	<0.005	-	-	-	0.0141	-	-	0.008	-	350	-	1.1	0.15	<0.01	-	1.89	2.06	8.32	-	47.3	183	-	2.1	0.72
11/09/2014	M1-DUP	173	<0.5	<0.5	<0.5	0.032	-	-	0.342	-	-	-	0.342	<0.005	-	-	-	0.0071	-	-	<0.005	-	369	-	1.5	0.13	<0.01	-	1.97	0.91	8.23	-	55.4	223	-	1.6	0.27
12/09/2014	M1	171	<0.5	<0.5	<0.5	0.033	-	-	0.341	-	-	-	0.341	<0.005	-	-	-	0.0085	-	-	<0.005	-	368	-	1.5	0.14	<0.01	-	0.83	1.14	8.26	-	51.7	233	-	<1	0.31
19/09/2014	M1	171	<0.5	<0.5	<0.5	0.017	-	-	0.344	-	-	-	0.344	<0.005	-	-	-	0.0077	-	-	0.0061	-	366	-	1.4	0.16	<0.01	-	1.29	2.09	8.3	-	55.5	202	-	<1	0.41
30/10/2014	M1	165	0.74	<0.5	0.62	0.0082	-	-	0.199	-	-	-	0.199	<0.005	-	-	-	0.009	-	-	0.0068	-	343	-	1.2	0.11	<0.01	-	1.26	1.25	8.31	-	47	178	-	1.3	0.25
28/11/2014	M1	134	<0.5	<0.5	<0.5	0.006	-	-	0.427	-	-	-	0.437	0.0098	-	-	-	0.0618	-	-	0.0105	-	315	-	2	0.11	<0.01	-	2.27	3.84	8.08	-	49.5	162	-	30.2	28.5
18/12/2014	M1	148	<0.5	<0.5	<0.5	<0.005	-	-	0.303	-	-	-	0.303	<0.005	-	-	-	0.0131	-	-	0.0077	-	322	-	2.2	0.11	<0.01	-	1.92	1.77	8.21	-	43.8	149	-	11.9	0.75
23/01/2015	M1	169	<0.5	<0.5	<0.5	0.0068	-	-	0.373	-	-	-	0.373	<0.005	-	-	-	0.0084	-	-	0.0059	-	376	-	1.5	0.12	<0.01	-	1.2	1.13	8.19	-	55.9	201	-	1	0.28
27/02/2015	M1	174	<0.5	<0.5	<0.5	0.0079	-	-	-	-	0.391	-	0.391	<0.005	-	-	-	<0.005	-	-	<0.005	-	375	-	1.7	0.12	<0.01	-	1.95	1	8.28	-	53.9	193	188	<1	0.45
26/03/2015	M1	138	<0.5	<0.5	<0.5	0.0081	-	-	-	-	0.27	-	0.275	0.0054	-	-	-	0.0558	-	-	0.016	-	301	-	1.5	0.11	<0.01	-	1.97	1.73	8.16	-	34.2	146	154	18.7	17.8
23/04/2015	M1	109	<0.5	<0.5	<0.5	<0.005	-	-	0.041	-	-	-	0.041	<0.005	-	-	-	0.0282	-	-	0.0108	-	222	-	1.4	0.1	<0.01	-	4.16	5.01	8.16	-	21.9	109	-	14.2	3.47
15/05/2015	M1	109	<0.5	<0.5	<0.5	0.011	-	-	0.075	-	-	-	0.075	<0.005	-	-	-	0.0141	-	-	<0.005	-	222	-	<0.5	0.1	<0.01	-	2.33	2.18	8.11	-	22.9	112	-	3.3	1.43
21/05/2015	M1	94	<0.5	<0.5	<0.5	0.043	-	-	0.098	-	-	-	0.098	<0.005	-	-	-	0.0398	-	-	0.0073	-	191	-	0.75	0.11	<0.01	-	1.96	2.25	8.05	-	16.1	94.2	-	18.8	2.4
28/05/2015	M1	82.8	<0.5	<0.5	<0.5	0.011	-	-	0.108	-	-	-	0.108	<0.005	-	-	-	0.0197	-	-	0.016	-	163	-	0.58	0.084	<0.01	-	2.16	2	7.82	-	12.7	87.6	-	49.7	15.8
04/06/2015	M1	85.3	<0.5	<0.5	<0.5	0.0098	-	-	0.127	-	-	-	0.127	<0.005	-	-	-	0.0972	-	-	0.0175	-	179	-	<0.5	0.097	<0.01	-	2.69	2.16	7.96	-	14.5	97	-	35.3	29.1
11/06/2015	M1	107	<0.5	<0.5	<0.5	0.021	-	-	0.146	-	-	-	0.146	<0.005	-	-	-	0.031	-	-	0.0125	-	205	-	<0.5	0.11	<0.01	-	<0.5	0.72	8.09	-	18.7	105	-	9.9	2.02
23/07/2015	M1	176	<0.5	<0.5	<0.5	0.016	-	-	0.236	-	-	-	0.236	<0.005	-	-	-	0.0066	-	-	<0.005	-	368	-	1.1	0.14	<0.01	-	0.62	1.81	8.29	-	47.6	191	-	<1	0.39
20/08/2015	M1	186	<0.5	<0.5	<0.5	0.013	-	-	0.301	-	-	-	0.301	<0.005	-	-	-	0.0103	-	-	0.0081	-	409	-	1.3	0.14	<0.01	-	0.77	0.74	8.23	-	60.3	215	-	<1	0.25
27/08/2015	M1	181	<0.5	<0.5	<0.5	0.026	-	-	0.343	-	-	-	0.343	<0.005	-	-	-	0.0069	-	-	<0.005	-	417	-	1.4	0.13	<0.01	-	0.96	0.86	8.01	-	60.1	214	-	1	0.23
03/09/2015	M1	179	2.12	<0.5	1.77	0.03	-	-	0.349	-	-	-	0.362	0.0131	-	-	-	0.101	-	-	0.0103	-	403	-	1.8	0.14	<0.01	-	0.84	0.97	8.35	-	56.1	196	-	43.6	49.6
10/09/2015	M1	165	<0.5	<0.5	<0.5	0.014	-	-	0.33	-	-	-	0.33	<0.005	-	-	-	0.0195	-	-	0.0112	-	374	-	0.95	0.18	<0.01	-	0.63	0.56	8.29	-	60.2	201	-	3.1	1.18
17/09/2015	M1	175	<0.5	<0.5	<0.5	0.014	-	-	0.34	-	-	-	0.34	<0.005	-	-	-	0.0084	-	-	0.0054	-	382	-	1.6	0.14	<0.01	-	0.73	0.71	-	-	56.4	210	-	<1	0.27
13/05/2016	M1	114	<0.5	<0.5	<0.5	0.013	-	-	0.363	-	-	-	0.363	<0.005	-	-	-	0.0132	-	-	0.0153	-	238	-	0.62	0.11	<0.01	-	1.88	2.47	8.15	-	30	115	-	10	3.03
09/11/2018	M1	-	-	-	-	-	<0.005	0.135	0.457	-	-	-	0.458	0.0013	-	-	-	<0.05 - 0.0085	<0.05	-	-	0.0036	375	1.44	-	0.128	<0.05	-	1.3	1.55	8.32	69.3	-	-	-	<3	0.47
09/11/2018	M1-DUP	-	-	-	-	-	0.0083	0.162	0.458	-	-	-	0.46	0.0012	-	-	-	<0.05 - 0.0071	<0.05	-	-	0.0036	372	1.43	-	0.128	<0.05	-	1.38	1.32	8.24	69.2	-	-	-	<3	0.55
04/03/2019	M1	-	-	-	-	-	0.008	0.098	0.495	-	-	-	0.495	<0.001	-	-	-	<0.05 - 0.0069	<0.05	-	-	0.0062	445	2.08	-	0.13	<0.05	-	0.77	0.61	8.26	76.8	-	-	-	<3	0.15
18/06/2019	M1	-	-	-	-	-	0.0538	0.187	0.0099	-	-	-	0.0115	0.0016	-	-	-	<0.05 - 0.0111	<0.05	-	-	0.0044	237	<0.5	-	0.132	<0.05	-	1.69	1.51	8.4	28.4	-	-	-	3.5	0.94
14/05/2012	M2	106	<0.5	<0.5	<0.5	0.012	-	-	0.101	-	-	-	0.109	0.0074	-	-	-	0.109	-	-	0.0191	-	207	-	1.1	0.11	<0.01	-	-	-	8.1	-	18.4	109	-	52.5	24.5
19/06/2012	M2	85.5	<0.5	<0.5	<0.5	0.0059	-	-	0.091	-	-	-	0.091	<0.005	-	-	-	0.0546	-	-	0.0189	-	166	-	<0.5	0.09	<0.01	-	-	-	7.98	-	14.8	84.5	-	26.2	14.2
25/07/2012	M2	146	<0.5	<0.5	<0.5	0.11	-	-	0.218	-	-	-	0.218	<0.005	-	-	-	0.0103	-	-	<0.005	-	324	-	1.2	0.15	<0.01	-	-	-	8.18	-	45.4	164	-	2.4	0.56
25/08/2012	M2	179	<0.5	<0.5	<0.5	<0.005	-	-	0.478	-	-	-	0.478	<0.005	-	-	-	0.0055	-	-	<0.005	-	407	-	1.7	0.16	<0.01	-	-	-	8.28	-	65.5	223	-	1.6	0.25
18/09/2012	M2	192	<0.5	<0.5	<0.5	0.04	-	-	0.587	-	-	-	0.587	<0.005	-	-	-	<0.005	-	-	<0.005	-	437	-	2	0.16	<0.01	-	-	-	8.24	-	71.4	212	-	<1	0.19
24/10/2012	M2	174	0.83	<0.5	0.69	0.0076	-	-	-	-	0.526	-	0.526	<0.005	-	-	0.526	<0.005	-	-	<0.005	-	408	-	1.7	0.15	<0.01	-	-	-	8.32	-	69.5	202	210	<1	0.2
23/11/2012	M2	154	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.53	-	0.53	<0.005	-	-	0.53	0.0083	-	-	0.0059	-	363	-	1.9	0.12	<0.01	-	-	-	8.13	-	57.4	197	189	1	1.04
15/12/2012	M2	175	<0.5	<0.5	<0.5	<0.005	-	-	0.553	-	-	-	0.553	<0.005	-	-	-	0.0065	-	-	<0.005	-	405	-	2	0.14	<0.01	-	-	-	8.24	-	64.7	217	-	<1	1.02
24/01/2013	M2	187	<0.5	<0.5	<0.5	0.041	-	-	0.794	-	-	-	0.794	<0.005	-	-	-	0.0081	-	-	<0.005	-	450	-	2.2	0.14	<0.01	-	-	-	8.17	-	80.5	229	-	1.3	0.29
21/02/2013	M2	200	<0.5	<0.5	<0.5	0.015	-	-	1.14	-	-	-	1.14	<0.005	-	-	-	<0.005	-	-	<0.005	-	505	-	2.4	0.15	<0.01	-	-	-	8.19	-	99	262	-	<1	0.11
20/03/2013	M2	165	<0.5	<0.5	<0.5	0.018	-	-	0.631	-	-	-	0.631	<0.005	-	-	-	0.008	-	-	0.0051	-	397	-	2.9	0.13	<0.01	-	-	-	8.03	-	67.4	199	-	2.6	1.06
17/04/2013	M2	173	1.33	<0.5	1.11	0.0053	-	-	0.495	-	-	-	0.495	<0.005	-	-	-	0.0128	-	-	<0.005	-	402	-	2.7	0.14	<0.01	-	-	-	8.33	-	71.8	209	-	5.2	3.04
17/04/2013	M2-DUP	171	2.62	<0.5	2.18	0.0066	-	-	0.499	-	-	-	0.499	<0.005	-	-	-	0.011	-	-	<0.005	-	404	-	2.8	0.13	<0.01	-	-	-	8.34	-	71.2	202	-	3.8	2.35
24/05/2013	M2	97.1	<0.5	<0.5	<0.5	0.031	-	-	0.113	-	-	-	0.113	<0.005	-	-	-	0.0751	-	-	0.0175	-	188	-	1.5	0.093	<0.01	-	-	-	8.12	-	15.7	96.7	-	40.1	15.5
21/06/2013	M2	103	<0.5	<0.5	<0.5	0.039	-	-	0.128	-	-	-	0.133	0.0051	-	-	-	2.07	-	-	0.0158	-	195	-	1.7	0.13	<0.01	-	3.89	4.16	7.97	-	18.8	299	-	532	1020
17/07/2013	M2	172	3	<0.5	2.5	0.011	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	0.0109	-	-	<0.005	-	330	-	1.2	0.15	<0.01	-	1.25	1.78	8.36	-	37.3	160	-	3.6	1.96
26/08/2013	M2	181	4.21	<0.5	3.51	0.015	-	-	0.242	-	-	-	0.242	<0.005	-	-	-	0.0067	-	-	<0.005	-	386	-	1.6	0.15	<0.01	-	0.96	<0.5	8.43	-	51.8	203	-	3	0.37
25/09/2013	M2	165	<0.5	<0.5	<0.5	0.011	-	-	0.284	-	-	-	0.284	<0.005	-	-	-	0.0117	-	-	0.0091	-	359	-	1.5	0.15	<0.01	-	1.49	2.27	8.17	-	48.7	202	-	8	4.75
24/10/2013	M2	174	1.33	<0.5	1.11	0.0091	-	-	0.24	-	-	-	0.24	<0.005	-	-	-	<0.005	-	-	<0.005	-	379	-	1.4	0.16	<0.01	-	0.69	0.92	8.33	-	53.6	200	-	1	0.39
20/11/2013	M2	183	<0.5	<0.5	<0.5	0.0074	-	-	0.467	-	-	-	0.467	<0.005	-	-	-	0.0053	-	-	<0.005	-	413	-	2.1	0.16	<0.01	-	0.78	0.92	8.1	-	64.5	201	-	1	0.4
22/12/2013	M2	192	<0.5	<0.5	<0.5	0.024	-	-	0.512	-	-	-	0.512	<0.005	-	-	-	<0.005	-	-	<0.005	-	411	-	2.2	0.14	<0.01	-	0.51	0.79	8.22	-	61	203	-	<1	0.34
27/01/2014	M2	188	<0.5	<0.5	<0.5	0.016	-	-	0.598	-	-	-	0.598	<0.005	-	-	-	0.0052	-	-	<0.005	-	426	-	1.8	0.16	<0.01	-	0.91	1.59	8.3	-	68.7	213	-	<1	0.28
27/02/2014	M2	189	1.55	<0.5	1.29	0.02	-	-	0.88	-	-	-	0.88	<0.005	-	-	-	0.0058	-	-	<0.005	-	458	-	2.1	0.14	<0.01	-	1.15	1.32	8.31	-	83.6	236	-	<1	0.38
27/03/2014	M2	182	<0.5	<0.5	<0.5	0.015	-	-	0.514	-	-	-	0.514	<0.005	-	-	-	0.008	-	-	<0.005	-	411	-	5	0.14	<0.01	-	0.64	1.31	8.18	-	64.1	212	-	<1	1.16
24/04/2014	M2	158	<0.5	<0.5	<0.5	0.0077	-	-	0.229	-	-	-	0.229	<0.005	-	-	-	0.0297	-	-	0.0138	-	355	-	2.5	0.13	<0.01	-	1.88	2.87	8.24	-	46.8	181	-	10.5	7.28
15/05/2014	M2	119	<0.5	<0.5	<0.5	0.061	-	-	0.177	-	-	-	0.186	0.0092	-	-	-	0.102	-	-	0.0119	-	239	-	1.5	0.097	<0.01	-	2.78	3.7	8.03	-	23.9	130	-	45.1	30.5
23/05/2014	M2	101	<0.5	<0.5	<0.5	0.015	-	-	0.158	-	-	-	0.191	0.0331	-	-	-	0.518	-	-	0.0167	-	189	-	2.4	0.095	<0.01	-	4.72	8.82	8.06	-	14	142	-	238	165
29/05/2014	M2	90.9	<0.5	<0.5	<0.5	0.024	-	-	0.14	-	-	-	0.157	0.0167	-	-	-	0.0968	-	-	0.0667	-	177	-	0.72	0.1	<0.01	-	3.21	2.96	8.1	-	16.1	96.7	-	42.6	42.5
05/06/2014	M2	84.2	<0.5	<0.5	<0.5	0.027	-	-	-	-	-	-	0.114	-	-	-	-	0.108	-	-	0.0326	-	162	-	0.83	0.097	<0.01	-	1.97	2.35	7.91	-	11.9	93.8	-	21	34.5
12/06/2014	M2	95.4	<0.5	<0.5	<0.5	0.0082	-	-	0.083	-	-	-	0.083	<0.005	-	-	-	0.0352	-	-	0.0225	-	185	-	0.57	0.099	<0.01	-	1.7	4.38	8.07	-	14.8	96.6	-	6.6	8.56
24/07/2014	M2	161	<0.5	<0.5	<0.5	0.016	-	-	0.217	-	-	-	0.217	<0.005	-	-	-	0.0062	-	-	<0.005	-	328	-	1	0.15	<0.01	-	1.65	<0.5	8.29	-	37.8	170	-	1.9	0.34
22/08/2014	M2	180	1.76	<0.5	1.47	0.021	-	-	0.445	-	-	-	0.445	<0.005	-	-	-	0.0078	-	-	<0.005	-	390	-	1.4	0.15	<0.01	-	1.14	0.78	8.32	-	56.6	201	-	<1	0.31
29/08/2014	M2	178	1.33	<0.5	1.11	0.026	-	-	0.378	-	-	-	0.378	<0.005	-	-	-	0.009	-	-	0.0059	-	368	-	1.4	0.16	<0.01	-	<0.5	1.48	8.31	-	45.7	183	-	<1	0.92
05/09/2014	M2	167	1.63	<0.5	1.36	0.14	-	-	0.329	-	-	-	0.329	<0.005	-	-	-	0.0087	-	-	<0.005	-	345	-	1.3	0.16	<0.01	-	0.87	2.26	8.33	-	40.6	182	-	1.6	0.54
12/09/2014	M2	175	<0.5	<0.5	<0.5	0.019	-	-	0.325	-	-	-	0.325	<0.005	-	-	-	0.0056	-	-	<0.005	-	360	-	1.5	0.14	<0.01	-	1.84	1	8.24	-	41.1	226	-	<1	0.25
19/09/2014	M2	175	2.15	<0.5	1.79	0.012	-	-	0.341	-	-	-	0.341	<0.005	-	-	-	0.0173	-	-	<0.005	-	359	-	1.1	0.17	<0.01	-	1.55	3.79	8.34	-	45.6	197	-	<1	0.26
30/10/2014	M2	176	<0.5	<0.5	<0.5	0.015	-	-	0.29	-	-	-	0.29	<0.005	-	-	-	0.0066	-	-	<0.005	-	354	-	1.3	0.13	<0.01	-	1.2	0.82	8.24	-	45.1	191	-	1.4	0.21
28/11/2014	M2	121	<0.5	<0.5	<0.5	0.009	-	-	0.427	-	-	-	0.439	0.0117	-	-	-	0.0812	-	-	0.0139	-	300	-	2.1	0.099	<0.01	-	3.14	4.12	8.04	-	49.7	155	-	38.2	38.6
18/12/2014	M2	164	<0.5	<0.5	<0.5	0.0067	-	-	0.357	-	-	-	0.357	<0.005	-	-	-	0.0089	-	-	0.0059	-	343	-	2.3	0.13	<0.01	-	1.13	1.36	8.24	-	44.8	162	-	<1	0.52
23/01/2015	M2	184	<0.5	<0.5	<0.5	<0.005	-	-	0.481	-	-	-	0.481	<0.005	-	-	-	0.0064	-	-	0.0051	-	388	-	1.6	0.15	<0.01	-	1.04	0.59	8.21	-	53.3	208	-	1.3	0.25
27/02/2015	M2	159	<0.5	<0.5	<0.5	0.0062	-	-	-	-	0.279	-	0.279	<0.005	-	-	-	0.0057	-	-	<0.005	-	346	-	1.4	0.1	<0.01	-	1.91	1.47	8.25	-	47.3	179	175	<1	0.56
26/03/2015	M2	148	<0.5	<0.5	<0.5	0.0099	-	-	-	-	0.254	-	0.254	<0.005	-	-	-	0.0283	-	-	0.0089	-	316	-	1.4	0.12	<0.01	-	1.92	1.19	8.18	-	34.7	159	162	6.2	5.72
23/04/2015	M2	120	<0.5	<0.5	<0.5	0.0069	-	-	0.034	-	-	-	0.034	<0.005	-	-	-	0.0277	-	-	0.0133	-	236	-	1.3	0.1	<0.01	-	1.37	2.24	8.22	-	21.5	114	-	14.1	3.24
15/05/2015	M2	123	<0.5	<0.5	<0.5	0.01	-	-	0.074	-	-	-	0.074	<0.005	-	-	-	0.0168	-	-	<0.005	-	243	-	0.76	0.11	<0.01	-	1.86	1.75	8.18	-	22.9	128	-	3.9	1.22
21/05/2015	M2	102	<0.5	<0.5	<0.5	0.027	-	-	0.085	-	-	-	0.085	<0.005	-	-	-	0.0362	-	-	<0.005	-	201	-	0.56	0.11	<0.01	-	2.17	2.19	8.08	-	15.8	100	-	14.5	2.24
28/05/2015	M2	95.4	<0.5	<0.5	<0.5	0.0088	-	-	0.111	-	-	-	0.111	<0.005	-	-	-	0.0753	-	-	0.0149	-	178	-	0.78	0.09	<0.01	-	1.85	4.01	8.04	-	12.4	95.1	-	47.5	17.2
04/06/2015	M2	98.6	<0.5	<0.5	<0.5	0.0072	-	-	0.109	-	-	-	0.109	<0.005	-	-	-	0.0959	-	-	0.0124	-	200	-	0.71	0.1	<0.01	-	2.48	1.77	7.9	-	15.3	109	-	74.5	16.2
11/06/2015	M2	117	<0.5	<0.5	<0.5	0.0069	-	-	0.126	-	-	-	0.126	<0.005	-	-	-	0.0289	-	-	0.01	-	218	-	<0.5	0.12	<0.01	-	0.68	2.34	8.14	-	17.7	113	-	14.3	1.81
23/07/2015	M2	182	2.84	<0.5	2.37	0.011	-	-	0.345	-	-	-	0.345	<0.005	-	-	-	<0.005	-	-	<0.005	-	372	-	1.1	0.16	<0.01	-	0.6	2.4	8.42	-	42.9	189	-	<1	0.33
20/08/2015	M2	192	<0.5	<0.5	<0.5	0.017	-	-	0.482	-	-	-	0.482	<0.005	-	-	-	0.0065	-	-	<0.005	-	411	-	1.5	0.17	<0.01	-	<0.5	0.96	8.23	-	57.6	216	-	<1	0.18
27/08/2015	M2	193	<0.5	<0.5	<0.5	0.018	-	-	0.564	-	-	-	0.564	<0.005	-	-	-	0.0053	-	-	<0.005	-	479	-	1.3	0.16	<0.01	-	0.63	0.54	8.24	-	59.1	220	-	1.1	0.21
03/09/2015	M2	183	2.75	<0.5	2.29	0.011	-	-	0.594	-	-	-	0.594	<0.005	-	-	-	0.0317	-	-	0.0165	-	400	-	1.6	0.16	<0.01	-	0.52	0.7	8.36	-	57.4	216	-	6.6	3.99
10/09/2015	M2	169	1.15	<0.5	0.96	0.031	-	-	0.351	-	-	-	0.351	<0.005	-	-	-	0.0086	-	-	<0.005	-	376	-	1.3	0.18	<0.01	-	<0.5	0.54	8.31	-	55.1	199	-	2.2	0.66
17/09/2015	M2	180	1.42	<0.5	1.18	0.019	-	-	0.499	-	-	-	0.499	<0.005	-	-	-	0.0059	-	-	<0.005	-	397	-	1.8	0.16	<0.01	-	0.65	0.65	-	-	52.1	209	-	<1	0.23
13/05/2016	M2	98.5	<0.5	<0.5	<0.5	0.026	-	-	0.381	-	-	-	0.381	<0.005	-	-	-	0.0163	-	-	0.017	-	217	-	0.75	0.1	<0.01	-	2.97	3.17	8.06	-	30.1	108	-	11.5	2.85
09/11/2018	M2	-	-	-	-	-	<0.005	0.132	0.403	-	-	-	0.404	0.0011	-	-	-	<0.05 - 0.0068	<0.05	-	-	0.003	368	1.45	-	0.145	<0.05	-	1.26	1.33	8.33	59.7	-	-	-	<3	0.55
04/03/2019	M2	-	-	-	-	-	0.0062	0.132	0.97	-	-	-	0.97	<0.001	-	-	-	<0.05 - 0.005	<0.05	-	-	0.0027	476	1.97	-	0.161	<0.05	-	0.58	0.7	8.3	84.4	-	-	-	<3	0.12
18/06/2019	M2	-	-	-	-	-	<0.005	0.233	0.021	-	-	-	0.0232	0.0021	-	-	-	<0.05 - 0.0087	<0.05	-	-	0.0037	251	0.61	-	0.142	<0.05	-	1.65	1.38	8.44	27.4	-	-	-	<3	0.84

Sample Date	Sample ID	Metals																					
		Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Aluminium (Filtered) Averaged	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life				50	50											1200			Variable[#8]				
14/05/2012	M1	-	200	44.1	-	0.095	0.081	0.32	0.231	67	59.4	0.034	<0.01	<0.005	<0.005	<50	<50	0.207	0.055	28,400	27,700	-	-
14/05/2012	M1-DUP	-	203	29.9	-	0.093	0.083	0.316	0.201	69.4	58.8	0.037	<0.01	<0.005	<0.005	<50	<50	0.235	0.05	28,700	27,600	-	-
19/06/2012	M1	-	139	16.8	-	0.096	0.074	0.311	0.213	50	43.3	0.021	<0.01	<0.005	<0.005	<50	<50	0.085	0.0341	21,800	20,800	-	-
25/07/2012	M1	-	23.9	5.99	-	0.103	0.105	0.238	0.228	81.5	80.8	<0.01	<0.01	<0.005	<0.005	<50	<50	0.038	0.028	40,000	41,000	-	-
25/08/2012	M1	-	8.86	5.24	-	0.114	0.125	0.216	0.227	127	127	<0.01	<0.01	<0.005	<0.005	<50	<50	0.033	0.028	57,500	55,900	-	-
18/09/2012	M1	-	3.42	3.05	-	0.092	0.111	0.148	0.171	137	158	<0.01	<0.01	<0.005	<0.005	<50	<50	0.027	0.028	56,400	64,900	-	-
18/09/2012	M1-DUP	-	3.78	1.01	-	0.106	0.105	0.162	0.164	154	144	<0.01	<0.01	<0.005	<0.005	<50	<50	0.03	0.023	70,100	57,500	-	-
24/10/2012	M1	-	5.62	1.98	-	0.093	0.1	0.192	0.174	115	116	<0.01	<0.01	<0.005	<0.005	<50	<50	0.02	0.044	50,500	51,700	-	-
23/11/2012	M1	-	5.54	24.8	-	0.106	0.124	0.173	0.164	99.4	96.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.046	47,500	47,000	-	-
15/12/2012	M1	-	15.6	2.95	-	0.091	0.111	0.156	0.185	112	115	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.023	47,400	49,000	-	-
25/01/2013	M1	-	8.69	1.89	-	0.084	0.094	0.129	0.134	136	137	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.021	67,200	62,400	-	-
21/02/2013	M1	-	4.5	1.23	-	0.082	0.078	0.157	0.156	140	138	<0.01	<0.01	<0.005	<0.005	<50	<50	0.028	0.024	56,500	56,400	-	-
20/03/2013	M1	-	98.8	6.27	-	0.081	0.091	0.164	0.129	104	103	<0.01	<0.01	<0.005	<0.005	<50	<50	0.027	0.02	41,200	43,200	-	-
17/04/2013	M1	-	170	17.2	-	0.075	0.076	0.16	0.139	70.2	64.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.027	0.018	26,100	22,400	-	-
24/05/2013	M1	-	210	25.8	-	0.085	0.079	0.269	0.256	51.7	41.3	0.028	<0.01	0.016	<0.005	<50	<50	0.071	0.026	20,100	19,500	-	-
21/06/2013	M1	-	2250	27.8	-	0.189	0.119	2.88	0.327	378	52.6	0.684	<0.01	0.007	<0.005	<50	<50	2.66	0.035	79,800	24,400	-	-
21/06/2013	M1-DUP	-	3200	21.6	-	0.191	0.125	3.15	0.286	408	51.7	0.737	<0.01	0.007	<0.005	<50	<50	2.72	0.029	81,900	24,500	-	-
17/07/2013	M1	-	35.1	5.55	-	0.114	0.108	0.227	0.208	95.2	101	<0.01	<0.01	<0.005	<0.005	<50	<50	0.034	0.021	43,300	40,700	-	-
26/08/2013	M1	-	10.2	5.59	-	0.12	0.111	0.233	0.233	144	139	<0.01	<0.01	<0.005	<0.005	<50	<50	0.033	0.028	57,000	58,000	-	-
25/09/2013	M1	-	98.3	1.91	-	0.11	0.1	0.227	0.194	126	104	<0.01	<0.01	<0.005	<0.005	<50	<50	0.037	0.018	50,400	50,100	-	-
24/10/2013	M1	-	13.6	1.79	-	0.104	0.106	0.171	0.192	116	118	<0.01	<0.01	<0.005	<0.005	<50	<50	0.022	0.017	57,000	57,200	-	-
24/10/2013	M1-DUP	-	27.8	2.02	-	0.097	0.094	0.169	0.188	114	118	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.018	56,100	56,400	-	-
20/11/2013	M1	-	17.6	11.7	-	0.085	0.071	0.192	0.189	130	126	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.026	41,900	47,300	-	-
22/12/2013	M1	-	22.2	2.08	-	0.077	0.083	0.168	0.137	137	128	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.02	55,100	53,300	-	-
27/01/2014	M1	-	8.23	4.52	-	0.07	0.088	0.146	0.157	133	137	<0.01	<0.01	<0.005	<0.005	<50	<50	0.032	0.022	57,200	57,100	-	-
27/02/2014	M1	-	4.79	0.94	-	0.075	0.07	0.149	0.147	143	143	<0.01	<0.01	<0.005	<0.005	<50	<50	0.026	0.024	59,400	59,800	-	-
27/03/2014	M1	-	26.4	0.55	-	0.09	0.079	0.182	0.165	138	138	<0.01	<0.01	<0.005	<0.005	<50	<50	0.027	0.02	54,900	58,200	-	-
24/04/2014	M1	-	156	3.53	-	0.107	0.107	0.263	0.201	107	95.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.056	0.021	49,800	54,300	-	-
24/04/2014	M1-DUP	-	242	4.45	-	0.112	0.107	0.265	0.189	108	101	0.012	<0.01	<0.005	<0.005	<50	<50	0.063	0.02	49,400	48,300	-	-
15/05/2014	M1	-	278	13.5		0.108	0.094	0.41	0.216	85.4	67.2	0.047	<0.01	0.005	<0.005	<50	<50	0.163	0.024	32,700	31,900	-	-
23/05/2014	M1	-	1220	16.2		0.135	0.084	1.3	0.272	175	49.8	0.251	<0.01	0.013	<0.005	<50	<50	0.916	0.027	40,400	21,200	-	-
29/05/2014	M1	-	274	15.4	na	0.097	0.088	0.392	0.23	64.2	47.4	0.043	<0.01	<0.005	<0.005	<50	<50	0.162	0.03	25,900	21,800	-	-
05/06/2014	M1	-	209	22		0.08	0.077	0.413	0.238	58.2	42.8	0.038	<0.01	<0.005	<0.005	<50	<50	0.144	0.031	24,600	22,000	-	-
12/06/2014	M1	-	139	13.6		0.086	0.089	0.259	0.197	53.4	48.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.062	0.023	25,300	23,300	-	-
24/07/2014	M1	-	20.1	5	-	0.104	0.109	0.213	0.233	96.8	94	<0.01	<0.01	<0.005	<0.005	<20	<20	0.03	0.023	45,200	45,300	-	-
22/08/2014	M1	-	9.82	2.43		0.103	0.106	0.208	0.231	121	116	<0.01	<0.01	<0.005	<0.005	<20	<20	0.031	0.024	53,800	53,500	-	-
29/08/2014	M1	-	23.1	3.52		0.108	0.104	0.232	0.221	121	117	<0.01	<0.01	<0.005	<0.005	<20	<20	0.033	0.02	51,800	49,400	-	-
05/09/2014	M1	-	30.7	3.74		0.098	0.089	0.215	0.222	104	100	<0.01	<0.01	<0.005	<0.005	<20	<20	0.029	0.021	51,100	59,700	-	-
11/09/2014	M1-DUP	-	12.3	3.21	na	0.094	0.091	0.204	0.214	111	112	<0.01	<0.01	<0.005	<0.005	<20	<20	0.023	0.02	61,100	54,200	-	-
12/09/2014	M1	-	10.3	2.78		0.09	0.091	0.202	0.219	112	113	<0.01	<0.01	<0.005	<0.005	<20	<20	0.024	0.021	63,800	57,400	-	-
19/09/2014	M1	-	9.42	2.34		0.096	0.103	0.224	0.213	109	108	<0.01	<0.01	<0.005	<0.005	<20	<20	0.025	0.02	54,400	53,900	-	-
30/10/2014	M1	-	7.85	2.72	-	0.087	0.098	0.187	0.183	111	121	<0.01	<0.01	<0.005	<0.005	<10	<10	0.025	0.022	46,200	46,900	-	-
28/11/2014	M1	-	601	3.67	-	0.131	0.084	0.536	0.174	99.3	87	0.066	<0.01	<0.02	<0.005	<50	<10	0.0994	0.0197	43,500	41,000	-	-
18/12/2014	M1	-	38.8	5.04	-	0.083	0.087	0.149	0.164	93.4	97.3	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0235	0.018	40,700	42,800	-	-
23/01/2015	M1	-	18.7	2.31	-	0.077	0.075	0.158	0.151	127	123	<0.01	<0.01	<0.005	<0.005	<10	<10	0.027	0.021	54,300	53,000	-	-
27/02/2015	M1	16,200	18.3	2.35	-	0.078	0.069	0.115	0.132	98	94.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.019	0.017	50,800	49,000	-	-
26/03/2015	M1	12,000	180	4.63	-	0.086	0.092	0.238	0.156	91.3	88	0.015	<0.01	<0.005	<0.005	<10	<10	0.0616	0.0151	38,900	41,500	-	-
23/04/2015	M1	-	147	10	-	0.088	0.087	0.242	0.221	65.4	63.1	0.015	<0.01	<0.02	<0.005	<50	<10	0.0463	0.0175	29,300	29,700	-	-
15/05/2015	M1	-	52.5	7.05		0.091	0.081	0.209	0.202	65.4	64.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0274	0.0185	29,900	31,900	-	-
21/05/2015	M1	-	225	10.2		0.091	0.07	0.297	0.231	62	48.7	0.018	<0.01	0.006	<0.005	<10	<10	0.06	0.021	24,400	25,300	-	-
28/05/2015	M1	-	210	13.8	na	0.086	0.08	0.362	0.219	56	44.2	0.034	<0.01	<0.005	<0.005	<10	<10	0.108	0.02	24,200	23,400	-	-
04/06/2015	M1	-	560	36.3		0.12	0.123	0.56	0.227	59.7	41.8	0.047	<0.01	<0.02	<0.005	<50	<10	0.131	0.0256	27,200	26,000	-	-
11/06/2015	M1	-	108	6.59		0.09	0.082	0.307	0.236	58.5	54.2	0.011	<0.01	<0.005	0.0063	<10	<10	0.045	0.0228	28,500	28,600	-	-
23/07/2015	M1	-	7.83	1.67	-	0.101	0.097	0.238	0.205	124	118	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0257	0.0211	52,900	49,100	-	-
20/08/2015	M1	-	3.98	1.61		0.104	0.109	0.225	0.181	147	148	<0.01	<0.01	<0.005	<0.005	<10	<10	0.028	0.025	58,500	58,300	-	-
27/08/2015	M1	-	6.47	1.92		0.112	0.111	0.223	0.222	148	149	<0.01	<0.01	<0.005	<0.005	11	11	0.027	0.024	59,000	59,300	-	-
03/09/2015	M1	-	698	2.73	na	0.223	0.111	0.75	0.212	163	136	0.075	<0.01	<0.02	<0.005	<50	<10	0.17	0.032	55,000	53,600	-	-
10/09/2015	M1	-	36.1	2.92		0.101	0.096	0.268	0.265	111	112	<0.01	<0.01	<0.005	<0.005	<10	<10	0.036	0.027	54,900	44,500	-	-
17/09/2015	M1	-	4.46	2.98		0.104	0.104	0.2	0.207	134	133	<0.01	<0.01	<0.005	<0.005	<10	<10	0.028	0.024	58,000	55,600	-	-
13/05/2016	M1	-	94.5	8.64	-	0.082	0.073	0.242	0.169	61.8	59.5	<0.01	<0.01	<0.005	<0.005	<10	<10	0.042	0.024	30,200	29,900	-	-
09/11/2018	M1	-	13.9	4.8	-	0.11	0.1	0.19	0.16	109	112	<0.1	<0.1	<0.05	<0.05	<10	<10	0.026	0.0235	50,300	52,800	<0.01	<0.01
09/11/2018	M1-DUP	-	15.4	4.4	-	0.1	0.11	0.17	0.17	109	119	<0.1	<0.1	<0.05	<0.05	10	<10	0.0218	0.0227	51,000	53,100	<0.01	<0.01
04/03/2019	M1	-	3.8	<1	-	<0.1	<0.1	0.15	0.15	150	146	<0.1	<0.1	<0.05	<0.05	<10	11	0.0322	0.0239	62,400	60,100	<0.01	<0.01
18/06/2019	M1	-	37.3	8.4	-	<0.1	<0.1	0.28	0.25	57	63.1	<0.1	<0.1	<0.05	<0.05	<10	<10	0.025	0.0216	31,700	33,900	<0.01	<0.01
14/05/2012	M2	-	204	25.9	-	0.081	0.082	0.332	0.191	67.8	57	0.039	<0.01	<0.005	<0.005	<50	<50	0.214	0.036	29,700	28,300	-	-
19/06/2012	M2	-	144	14.8	-	0.077	0.069	0.255	0.189	48.1	41.8	0.019	<0.01	<0.005	<0.005	<50	<50	0.0784	0.0243	23,300	21,700	-	-
25/07/2012	M2	-	19.5	5.09	-	0.092	0.09	0.216	0.19	68.3	71.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.021	0.018	42,100	45,200	-	-
25/08/2012	M2	-	8.61	6.44	-	0.075	0.078	0.148	0.126	96.7	93.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.017	59,800	57,200	-	-
18/09/2012	M2	-	3.66	1.64	-	0.063	0.072	0.13	0.108	95.5	112	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.014	54,700	65,400	-	-
24/10/2012	M2	-	4.15	1.45	-	0.064	0.079	0.145	0.136	90.5	96.9	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.012	52,900	55,400	-	-
23/11/2012	M2	-	19.8	16.6	-	0.091	0.097	0.184	0.145	90.9	89	<0.01	<0.01	<0.005	<0.005	<50	<50	0.026	0.017	51,900	50,800	-	-
15/12/2012	M2	-	8.07	1.7	-	0.074	0.075	0.147	0.147	95.4	101	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.017	55,900	56,300	-	-
24/01/2013	M2	-	5.49	1.46	-	0.063	0.062	0.169	0.152	107	104	<0.01	<0.01	<0.005	<0.005	<50	<50	0.02	0.016	60,700	64,600	-	-
21/02/2013	M2	-	3.25	1.33	-	0.064	0.068	0.132	0.147	108	106	<0.01	<0.01	<0.005	<0.005	<50	<50	0.013	0.014	66,400	65,400	-	-
20/03/2013	M2	-	27	2.21	-	0.07	0.084	0.134	0.16	102	107	<0.01	<0.01	<0.005	<0.005	<50	<50	0.022	0.016	51,900	51,800	-	-
17/04/2013	M2	-	76	2.74	-	0.072	0.079	0.182	0.15	95.5	98.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.025	0.013	54,600	52,000	-	-
17/04/2013	M2-DUP	-	64.4	2.95	-	0.077	0.075	0.157	0.152	95.6	89.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.025	0.015	52,500	51,600	-	-
24/05/2013	M2	-	167	16.7	-	0.08	0.077	0.265	0.226	60.6	51.5	0.021	<0.01	0.006	<0.005	<50	<50	0.076	0.019	27,200	26,300	-	-
21/06/2013	M2	-	2200	19.9	-	0.186	0.128	2.8	0.33	374	57.1	0.647	<0.01	0.007	<0.005	<50	<50	2.53	0.035	93,800	26,700	-	-
17/07/2013	M2	-	30	2.81	-	0.085	0.08	0.18	0.211	83.5	86.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.024	0.014	44,300	41,500	-	-
26/08/2013	M2	-	11.4	3.09	-	0.085	0.089	0.185	0.174	110	114	<0.01	<0.01	<0.005	<0.005	<50	<50	0.023	0.021	54,600	65,900	-	-
25/09/2013	M2	-	57.7	2.07	-	0.087	0.082	0.209	0.186	108	93.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.029	0.015	55,200	49,500	-	-
24/10/2013	M2	-	17.3	1.02	-	0.07	0.076	0.128	0.148	95.8	104	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.014	54,400	56,300	-	-
20/11/2013	M2	-	18.6	1.77	-	0.074	0.076	0.161	0.163	108	112	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.015	51,000	55,800	-	-
22/12/2013	M2	-	8.48	1.49	-	0.066	0.059	0.133	0.143	109	98.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.017	0.013	55,000	52,800	-	-
27/01/2014	M2	-	6.28	1.41	-	0.053	0.055	0.135	0.132	105	106	<0.01	<0.01	<0.005	<0.005	<50	<50	0.016	0.016	57,200	55,500	-	-
27/02/2014	M2	-	6.42	0.63	-	0.054	0.06	0.137	0.13	108	107	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	0.017	61,500	61,400	-	-
27/03/2014	M2	-	23.5	<0.5	-	0.065	0.066	0.154	0.154	113	113	<0.01	<0.01	<0.005	<0.005	<50	<50	0.02	0.015	55,800	58,600	-	-
24/04/2014	M2	-	190	3.28	-	0.092	0.085	0.241	0.164	101	95.8	0.01	<0.01	<0.005	<0.005	<50	<50	0.05	0.018	49,500	48,600	-	-
15/05/2014	M2	-	266	15.2		0.103	0.092	0.42	0.209	88.9	68.3	0.047	<0.01	0.005	<0.005	<50	<50	0.157	0.026	34,900	32,700	-	-
23/05/2014	M2	-	1110	13.4		0.12	0.092	1.16	0.275	161	54.4	0.217	<0.01	0.01	<0.005	<50	<50	0.769	0.027	41,700	23,600	-	-
29/05/2014	M2	-	209	13.1	na	0.082	0.075	0.379	0.218	61.6	46.7	0.033	<0.01	<0.005	<0.005	<50	<50	0.135	0.026	26,700	24,400	-	-
05/06/2014	M2	-	275	20		0.079	0.071	0.457	0.216	66.2	41.7	0.053	<0.01	<0.005	<0.005	<50	<50	0.226	0.03	27,000	23,400	-	-
12/06/2014	M2	-	118	11.7		0.078	0.065	0.244	0.207	51.5	49.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.05	0.022	27,100	23,900	-	-
24/07/2014	M2	-	19.2	3.88	-	0.075	0.083	0.188	0.211	86.1	82.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.022	0.018	45,200	48,400	-	-
22/08/2014	M2	-	13.6	2.03		0.084	0.083	0.218	0.207	105	101	<0.01	<0.01	<0.005	<0.005	<20	<20	0.024	0.018	54,000	53,500	-	-
29/08/2014	M2	-	25	3.62		0.08	0.072	0.208	0.178	101	104	<0.01	<0.01	<0.005	<0.005	<20	<20	0.023	0.014	48,400	50,000	-	-
05/09/2014	M2	-	12	2.3	na	0.077	0.071	0.18	0.172	91.6	91.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.025	0.017	50,700	48,500	-	-
12/09/2014	M2	-	8.27	3.35		0.07	0.07	0.162	0.172	89.3	89.1	<0.01	<0.01	<0.005	<0.005	<20	<20	0.018	0.014	64,600	54,300	-	-
19/09/2014	M2	-	8.94	2.13		0.08	0.081	0.185	0.184	93	91.7	<0.01	<0.01	<0.005	<0.005	<20	<20	0.018	0.015	54,100	54,200	-	-
30/10/2014	M2	-	5.85	2.41	-	0.062	0.072	0.149	0.151	91.7	105	<0.01	<0.01	<0.005	<0.005	<10	<10	0.017	0.016	49,500	56,000	-	-
28/11/2014	M2	-	742	358	-	0.16	0.101	0.619	0.332	109	109	0.052	0.032	<0.02	0.0061	<50	<10	0.118	0.128	40,300	41,500	-	-
18/12/2014	M2	-	27.4	3.63	-	0.069	0.072	0.144	0.15	87	89.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0158	0.017	44,500	46,000	-	-
23/01/2015	M2	-	20.2	1.49	-	0.083	0.071	0.147	0.135	102	101	<0.01	<0.01	<0.005	<0.005	<10	<10	0.02	0.015	54,700	52,500	-	-
27/02/2015	M2	15,800	24.8	2.59	-	0.092	0.082	0.154	0.145	108	102	<0.01	<0.01	<0.005	<0.005	<10	<10	0.024	0.021	48,900	47,300	-	-
26/03/2015	M2	12,200	92.1	6.14	-	0.082	0.078	0.193	0.174	85.3	87.4	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0353	0.0164	41,900	43,600	-	-
23/04/2015	M2	-	159	9.19	-	0.087	0.092	0.246	0.183	67.8	63	0.015	<0.01	<0.02	<0.005	<50	<10	0.0412	0.013	30,600	31,100	-	-
15/05/2015	M2	-	42	5.88		0.077	0.129	0.203	0.191	63.5	65.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0302	0.0184	34,200	34,600	-	-
21/05/2015	M2	-	207	9.6		0.073	0.079	0.269	0.218	58.8	50.1	0.017	<0.01	0.005	<0.005	<10	<10	0.052	0.017	26,200	26,800	-	-
28/05/2015	M2	-	139	11.3	na	0.083	0.091	0.35	0.203	58	45.9	0.025	<0.01	<0.005	<0.005	<10	<10	0.101	0.018	26,400	25,600	-	-
04/06/2015	M2	-	788	11.7		0.131	0.104	0.598	0.248	67	51.9	0.06	<0.01	<0.02	<0.005	<50	<10	0.12	0.0186	30,200	22,800	-	-
11/06/2015	M2	-	135	6.18		0.08	0.07	0.413	0.239	60.8	52.9	0.012	<0.01	<0.005	<0.005	<10	<10	0.0587	0.0191	30,700	29,000	-	-
23/07/2015	M2	-	14.5	1.68	-	0.066	0.066	0.312	0.171	92.5	93	<0.01	<0.01	<0.005	<0.005	<10	<10	0.0168	0.0156	50,900	49,000	-	-
20/08/2015	M2	-	6.5	1.3		0.069	0.069	0.173	0.138	107	108	<0.01	<0.01	<0.005	<0.005	<10	<10	0.018	0.015	56,700	56,600	-	-
27/08/2015	M2	-	5.93	1.71		0.079	0.073	0.197	0.186	108	108	<0.01	<0.01	<0.005	<0.005	<10	<10	0.017	0.015	57,900	58,100	-	-
03/09/2015	M2	-	117	1.69	na	0.079	0.072	0.213	0.162	111	105	0.01	<0.01	<0.005	<0.005	<10	<10	0.048	0.018	57,200	53,400	-	-
10/09/2015	M2	-	16.3	1.33		0.075	0.101	0.225	0.217	100	101	<0.01	<0.01	<0.005	<0.005	<10	<10	0.033	0.021	53,500	54,900	-	-
17/09/2015	M2	-	4.05	1.2		0.073	0.072	0.167	0.174	107	105	<0.01	<0.01	<0.005	<0.005	<10	<10	0.021	0.015	55,800	56,200	-	-
13/05/2016	M2	-	96.3	12.1	-	0.104	0.087	0.226	0.204	62.8	57.3	<0.01	<0.01	<0.02	<0.005	<50	<10	0.049	0.026	28,700	28,600	-	-
09/11/2018	M2	-	10.1	2.8	-	<0.1	<0.1	0.16	0.15	96	107	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0226	0.0187	49,400	51,700	<0.01	<0.01
04/03/2019	M2	-	6.9	1	-	<0.1	<0.1	0.16	0.12	117	104	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0206	0.0157	64,100	63,000	<0.01	<0.01
18/06/2019	M2	-	31.2	6.8	-	<0.1	<0.1	0.24	0.22	56.6	61.2	<0.1	<0.1	<0.05	<0.05	<10	<10	0.0253	0.0195	34,100	35,300	<0.01	<0.01

Appendix B: Surface Water Analytical Results Compared to BCWQG Long Term

Location Code	Sample Date	Sample ID	Lab Report Number	Temperature	pH	Conductivity(uS/cm)	Specific Conductivity(uS/cm oC)	Dissolved Oxygen(mg/L)	DO %	Redox (mV)	Turbidity	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Sulphur (as S)	Sulphur (as S) (Filtered)	Hardness as CaCO3	Hardness as CaCO3 (Filtered)
				Physical Tests (*in-situ* sampling)								Calculated Parameters							
				°C	pH Unit	µS/cm	µS/cm °C	mg/L	%	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.01	0.1	0.1	0.1	1	1	0.1	1000	500	1000	500	500	500	500	500
BC WQG Approved Long Term Average (Chronic) - Freshwater Aquatic Life																			
WA1	16/05/2012	WA1	B240844	2	8.25	196	-	10.3	76	-	-	-	-	-	86,700	<10,000	<10,000	-	94,700
	18/06/2012	WA1	B252527	3.9	7.37	197	-	17.5	130	-	-	-	-	-	84,200	<10,000	<10,000	-	91,700
	24/07/2012	WA1	B265706	6.7	8.34	137.9	-	9.1	89.5	-	-	-	-	-	109,000	<10,000	<10,000	-	123,000
	25/08/2012	WA1	B276408	5.5	9.4	169.7	-	13.86	132.1	106.7	-	-	-	-	134,000	<10,000	<10,000	-	150,000
	17/09/2012	WA1	B283851	3.5	8.37	168.7	-	22.16	199.5	66.8	-	-	-	-	143,000	<10,000	<10,000	-	160,000
	24/10/2012	WA1	B297129	0.01	8.49	141.6	271.1	9.95	69.2	120.7	1.38	-	1320	-	140,000	<10,000	<10,000	-	-
	24/11/2012	WA1	B2A7294	-	-	-	-	-	-	-	-	-	<500	-	128,000	7200	7000	-	-
	15/12/2012	WA1	B2B4014	0.02	8.61	144	276	12.11	83.1	170	-	-	-	-	134,000	8000	8000	-	155,000
	25/01/2013	WA1	B306701	0.22	7.71	157	296	13.33	92.1	102	-	-	-	-	138,000	7800	6900	-	168,000
	20/02/2013	WA1	B314188	0.11	8.43	162	307	9.7	66.3	97	0.42	-	-	-	144,000	7200	6400	-	152,000
	20/03/2013	WA1	B322778	0.01	8.22	158	302	12.01	82.8	144	0.25	-	-	-	144,000	6900	7000	-	149,000
	17/04/2013	WA1	B330896	0	8.41	152.5	290.6	12.5	85.8	99.2	2.1	-	-	-	141,000	6700	6800	-	143,000
	23/05/2013	WA1	B341817	2.2	8.14	83.9	149	11.98	104.5	242.5	-	-	-	-	89,600	<3000	<3000	-	95,200
	20/06/2013	WA1	B351922	3.5	7.87	69.9	118.6	11.52	104.8	219.1	-	-	-	-	67,500	<15,000	<3000	-	64,200
	17/07/2013	WA1	B361290	6.29	8.47	201	312	10.88	88.1	79	4.78	-	-	-	127,000	6100	6100	-	124,000
	26/08/2013	WA1	B376191	9	8.09	80.3	-	8.93	85.1	196.3	-	-	-	-	138,000	5400	5900	-	145,000
	25/09/2013	WA1	B387669	4.3	7.74	149.4	246.9	10.15	80.1	-30.3	-	-	-	-	140,000	7000	6700	-	148,000
	24/10/2013	WA1	B399472	1.6	8.2	151.9	275.8	12.09	86.6	280.4	-	-	-	-	130,000	6700	6200	-	148,000
	21/11/2013	WA1	B3A8725	0.1	8.12	-	299	11.88	96.6	259.1	-	-	-	-	149,000	6600	6900	-	164,000
	28/01/2014	WA1	B407313	0	8.48	-	308.1	11.42	88.1	149.2	-	-	-	-	140,000	5400	5900	-	154,000
	24/04/2014	WA1	B432952	1.3	8.8	-	222.1	11.59	82.3	180.3	-	-	-	-	132,000	6200	6800	-	148,000
	15/05/2014	WA1	B439804	2.2	8.3	-	186.6	11.36	82.6	248.7	12.37	-	-	-	110,000	4000	4600	-	117,000
	22/05/2014	WA1	B442060	3.6	8.27	-	143.4	11.69	89	221.4	62.46	-	-	-	68,500	<3000	<3000	-	90,500
	30/05/2014	WA1	B444272	3.4	8.33	-	149.6	11.37	85.5	282	33.6	-	-	-	91,100	3100	4200	-	101,000
	30/05/2014	WA1-DUP	B444272	3.4	8.33	-	149.6	11.37	85.5	282	33.6	-	-	-	90,100	3300	3700	-	102,000
	05/06/2014	WA1	B446972	3.7	8.2	110.8	163.3	11.12	84.4	266.7	26.15	-	-	-	85,800	<3000	3200	-	92,200
	12/06/2014	WA1	B449500	3.3	8.26	-	173.2	12.11	89.3	237.9	0.87	-	-	-	93,600	<3000	3500	-	98,200
	24/07/2014	WA1	B464009	6.5	8.36	-	232.6	11.04	90	172.5	1.9	-	-	-	127,000	7100	5600	-	139,000
	21/08/2014	WA1	B474408	7.3	8.66	-	242	9.33	82	110	0.61	-	-	-	140,000	7000	6500	-	149,000
	28/08/2014	WA1	B476541	7.75	8.42	-	292	9.9	83.1	153	4.33	-	-	-	144,000	6000	5800	-	157,000
	05/09/2014	WA1	B479164	4.88	8.46	-	274	11.89	92.9	140	2.88	-	-	-	134,000	6000	5600	-	147,000
	12/09/2014	WA1	B481292	2.88	8.45	-	241	11.37	84.4	125	2.03	-	-	-	137,000	7400	6800	-	164,000
	18/09/2014	WA1	B483962	7	8.56	-	242	10.19	84	129	1.61	-	-	-	139,000	7100	6200	-	151,000
	31/10/2014	WA1	B499587	2.2	8.32	-	298.3	11.27	82	251.5	0.26	-	-	-	143,000	7900	7200	-	151,000
	27/11/2014	WA1	B4A9093	0.4	8.35	-	172.3	11.45	79.1	222.6	0.62	-	-	-	117,000	5700	5700	-	136,000
	18/12/2014	WA1	B4B5326	0.9	8.34	-	237.4	12.24	86.4	223.6	0.84	-	-	-	134,000	4900	5400	-	140,000
	22/01/2015	WA1	B505986	0	8.3	-	254.3	13.83	94.2	278.1	0.38	-	-	-	139,000	6700	6700	-	154,000
	26/02/2015	WA1	B516449	0.1	8.29	-	225.2	14.34	97.8	174.5	0.92	-	<500	-	141,000	6900	-	-	-
	26/03/2015	WA1	B525184	1.9	8.38	-	206.7	12.3	89.4	220	2.11	-	<500	-	125,000	5600	-	-	-
	23/04/2015	WA1	B533584	5.7	8.3	-	201.1	9.52	78.9	289.2	6.56	-	-	-	97,900	<15,000	4000	-	102,000
	14/05/2015	WA1	B540628	3.6	8.19	-	172.6	13.53	102.2	239.7	-	-	-	-	108,000	5200	5100	-	119,000
	21/05/2015	WA1	B542667	3.2	8.28	-	157.9	12.88	96.4	239.7	4.98	-	-	-	92,400	3900	3600	-	103,000
	28/05/2015	WA1	B545872	4.1	8.13	-	162.2	10.89	83.3	261.8	9.85	-	-	-	90,300	4300	<3000	-	102,000
	05/06/2015	WA1	B547761	6.4	8.09	-	168.7	9.63	78.2	326.7	8.5	-	-	-	90,200	<15,000	3600	-	104,000
	11/06/2015	WA1	B549906	5.6	8.3	-	192.9	9.78	78	288.5	3.21	-	-	-	106,000	4400	4100	-	115,000
	23/07/2015	WA1	B563471	6.3	8.39	-	249.4	11.14	90.3	354.9	0.27	-	-	-	141,000	6100	5700	-	147,000
	20/08/2015	WA1	B572515	7	8.5	-	269.1	10.16	83.7	102.2	1.2	-	-	-	144,000	6800	7000	-	157,000
	27/08/2015	WA1	B575103	7	8.51	-	266.8	10.58	87.2	201.4	1.51	-	-	-	145,000	5900	6700	-	161,000
	03/09/2015	WA1	B577658	-	-	-	-	-	-	-	-	-	-	-	143,000	5700	7500	-	150,000
	10/09/2015	WA1	B579637	4.5	8.36	-	262.4	10.94	84.5	158.4	1.47	-	-	-	143,000	6700	7000	-	161,000
	17/09/2015	WA1	B582068	2.9	8.33	-	237.5	11.53	85.4	157.4	0.36	-	-	-	144,000	<15,000	6800	-	158,000
	12/05/2016	WA1	B637198	2	8.35	-	162.5	12.87	93	211.6	14.8	-	-	-	99,800	<15,000	3800	-	104,000
	20/07/2018	WA1	L2133661	9.83	8.41	208.7	293.5	9.41	99.9	46.5	-	128,000	5000	<1000	133,000	6460	5760	145,000	-
	09/11/2018	WA1	L2195291	0.08	8.03	161.2	307.5	12.4	102.1	35.5	1.23	144,000	5600	<1000	150,000	7270	6620	169,000	-
	17/06/2019	WA1	L2295044	4.99	7.03	154.1	249.4	10.93	102.3	60.2	1.28	111,000	6600	<1000	118,000	5730	5190	134,000	-

Sample Date	Sample ID	Bicarbonate	Carbonate	Hydroxide	phenolphthalein alkalinity	Ammonia	Ammonia (as N)	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate (as N) (Filtered)	Nitrate (as NO3-)	Nitrate (as NO3-) (Filtered)	Nitrate + Nitrite (as N)	Nitrite (as N)	Nitrite (as N) (Filtered)	Nitrite (as NO2-) (Filtered)	Nitrogen (N)	Phosphorus	Phosphorus (Filtered)
		General Chemistry																	
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
RDL		0.5	0.5	0.5	0.5	0.005	0.005	0.05	0.005	0.01	0.02	0.044	0.0051	0.001	0.01	0.033	0.02	0.002	0.002
BC WQG						Variable			3					Variable					
16/05/2012	WA1	106	<0.5	<0.5	<0.5	0.011	-	-	0.109	-	-	-	0.119	0.0102	-	-	-	0.152	-
18/06/2012	WA1	103	<0.5	<0.5	<0.5	0.0065	-	-	0.065	-	-	-	0.075	0.0103	-	-	-	0.101	-
24/07/2012	WA1	133	<0.5	<0.5	<0.5	0.19	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0246	-
25/08/2012	WA1	163	<0.5	<0.5	<0.5	<0.005	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0194	-
17/09/2012	WA1	174	<0.5	<0.5	<0.5	0.016	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0184	-
24/10/2012	WA1	167	1.58	<0.5	1.32	0.018	-	-	-	-	0.036	-	0.036	<0.005	-	-	0.036	0.0163	-
24/11/2012	WA1	156	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.048	-	0.048	<0.005	-	-	0.048	0.0718	-
15/12/2012	WA1	163	<0.5	<0.5	<0.5	<0.005	-	-	0.058	-	-	-	0.058	<0.005	-	-	-	0.0209	-
25/01/2013	WA1	169	<0.5	<0.5	<0.5	0.051	-	-	0.078	-	-	-	0.078	<0.005	-	-	-	0.0216	-
20/02/2013	WA1	175	<0.5	<0.5	<0.5	0.011	-	-	0.067	-	-	-	0.067	<0.005	-	-	-	0.0199	-
20/03/2013	WA1	175	<0.5	<0.5	<0.5	0.016	-	-	0.07	-	-	-	0.07	<0.005	-	-	-	0.0167	-
17/04/2013	WA1	170	0.95	<0.5	0.79	<0.005	-	-	0.053	-	-	-	0.053	<0.005	-	-	-	0.0207	-
23/05/2013	WA1	109	<0.5	<0.5	<0.5	0.015	-	-	0.068	-	-	-	0.068	<0.005	-	-	-	0.0871	-
20/06/2013	WA1	82.4	<0.5	<0.5	<0.5	0.066	-	-	0.041	-	-	-	0.05	0.009	-	-	-	3.24	-
17/07/2013	WA1	155	<0.5	<0.5	<0.5	0.046	-	-	0.026	-	-	-	0.026	<0.005	-	-	-	0.0243	-
26/08/2013	WA1	165	1.87	<0.5	1.56	0.0079	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0212	-
25/09/2013	WA1	169	1.16	<0.5	0.97	0.0063	-	-	0.03	-	-	-	0.03	<0.005	-	-	-	0.0187	-
24/10/2013	WA1	159	<0.5	<0.5	<0.5	0.009	-	-	0.04	-	-	-	0.04	<0.005	-	-	-	0.0193	-
21/11/2013	WA1	182	<0.5	<0.5	<0.5	0.018	-	-	0.092	-	-	-	0.092	<0.005	-	-	-	0.0311	-
28/01/2014	WA1	171	<0.5	<0.5	<0.5	0.0075	-	-	0.09	-	-	-	0.09	<0.005	-	-	-	0.0192	-
24/04/2014	WA1	158	1.2	<0.5	1	<0.005	-	-	0.1	-	-	-	0.1	<0.005	-	-	-	0.0206	-
15/05/2014	WA1	134	<0.5	<0.5	<0.5	0.012	-	-	0.142	-	-	-	0.142	<0.005	-	-	-	0.041	-
22/05/2014	WA1	83.5	<0.5	<0.5	<0.5	0.014	-	-	0.143	-	-	-	0.182	0.0392	-	-	-	0.15	-
30/05/2014	WA1	111	<0.5	<0.5	<0.5	0.015	-	-	0.104	-	-	-	0.109	0.0056	-	-	-	0.0835	-
30/05/2014	WA1-DUP	110	<0.5	<0.5	<0.5	0.015	-	-	0.106	-	-	-	0.111	0.0055	-	-	-	0.0964	-
05/06/2014	WA1	105	<0.5	<0.5	<0.5	0.032	-	-	-	-	-	-	0.081	-	-	-	-	0.0325	-
12/06/2014	WA1	114	<0.5	<0.5	<0.5	0.023	-	-	0.059	-	-	-	0.059	<0.005	-	-	-	0.053	-
24/07/2014	WA1	155	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0198	-
21/08/2014	WA1	167	1.72	<0.5	1.43	0.018	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0099	-
28/08/2014	WA1	172	2.08	<0.5	1.73	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0217	-
05/09/2014	WA1	164	<0.5	<0.5	<0.5	0.011	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0179	-
12/09/2014	WA1	168	<0.5	<0.5	<0.5	0.023	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0193	-
18/09/2014	WA1	170	<0.5	<0.5	<0.5	0.016	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0187	-
31/10/2014	WA1	174	<0.5	<0.5	<0.5	<0.005	-	-	0.031	-	-	-	0.031	<0.005	-	-	-	0.0184	-
27/11/2014	WA1	143	<0.5	<0.5	<0.5	0.005	-	-	0.071	-	-	-	0.071	<0.005	-	-	-	0.0241	-
18/12/2014	WA1	163	<0.5	<0.5	<0.5	0.0085	-	-	0.082	-	-	-	0.082	<0.005	-	-	-	0.0199	-
22/01/2015	WA1	169	<0.5	<0.5	<0.5	<0.005	-	-	0.092	-	-	-	0.092	<0.005	-	-	-	0.0182	-
26/02/2015	WA1	172	<0.5	<0.5	<0.5	<0.005	-	-	-	-	0.052	-	0.052	<0.005	-	-	-	0.0169	-
26/03/2015	WA1	153	<0.5	<0.5	<0.5	0.0096	-	-	-	-	0.039	-	0.039	<0.005	-	-	-	0.066	-
23/04/2015	WA1	119	<0.5	<0.5	<0.5	0.008	-	-	0.088	-	-	-	0.088	<0.005	-	-	-	0.0414	-
14/05/2015	WA1	132	<0.5	<0.5	<0.5	0.03	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.0294	-
21/05/2015	WA1	113	<0.5	<0.5	<0.5	0.039	-	-	0.048	-	-	-	0.048	<0.005	-	-	-	0.0332	-
28/05/2015	WA1	110	<0.5	<0.5	<0.5	0.018	-	-	0.055	-	-	-	0.055	<0.005	-	-	-	0.0487	-
05/06/2015	WA1	110	<0.5	<0.5	<0.5	0.0076	-	-	0.026	-	-	-	0.026	<0.005	-	-	-	0.0426	-
11/06/2015	WA1	130	<0.5	<0.5	<0.5	0.017	-	-	0.047	-	-	-	0.047	<0.005	-	-	-	0.0296	-
23/07/2015	WA1	172	<0.5	<0.5	<0.5	0.01	-	-	0.021	-	-	-	0.021	<0.005	-	-	-	0.0181	-
20/08/2015	WA1	175	<0.5	<0.5	<0.5	0.01	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0207	-
27/08/2015	WA1	177	<0.5	<0.5	<0.5	0.021	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0214	-
03/09/2015	WA1	174	<0.5	<0.5	<0.5	0.0097	-	-	<0.02	-	-	-	<0.02	<0.005	-	-	-	0.0219	-
10/09/2015	WA1	172	1.15	<0.5	0.96	0.029	-	-	0.022	-	-	-	0.022	<0.005	-	-	-	0.0175	-
17/09/2015	WA1	173	1.2	<0.5	1	0.014	-	-	0.023	-	-	-	0.023	<0.005	-	-	-	0.0198	-
12/05/2016	WA1	122	<0.5	<0.5	<0.5	0.026	-	-	0.076	-	-	-	0.076	<0.005	-	-	-	0.0425	-
20/07/2018	WA1	-	-	-	-	-	<0.005	<0.05	0.0153	-	-	-	0.0153	<0.001	-	-	-	<0.05 - 0.0181	<0.05
09/11/2018	WA1	-	-	-	-	-	0.0179	<0.05	0.0339	-	-	-	0.0339	<0.001	-	-	-	<0.05 - 0.0166	<0.05
17/06/2019	WA1	-	-	-	-	-	<0.005	0.055	0.0286	-	-	-	0.0296	0.0011	-	-	-	<0.05 - 0.024	<0.05

Sample Date	Sample ID	Phosphorus (filtered) (Filtered)	Ortho Phosphorus (as P)	Ortho Phosphorus (as P) (Filtered)	Electrical conductivity (lab)	Chloride	Chloride (Filtered)	Fluoride	Bromide	Bromide (Filtered)	Dissolved Organic Carbon (Filtered)	Total Organic Carbon (TOC)	pH (Lab)	Sulphate (SO4)	Sulphate (SO4) (Filtered)	Hardness	Dissolved Hardness (Filtered)	Total Suspended Solids (TSS)	Turbidity
		mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	NTU
RDL		0.05	0.003	0.001	1	0.5	0.5	0.01	0.003	0.01	0.5	0.5	0.1	0.3	0.5	0.5	0.5	1	0.1
BC WQG							150								Variable[#5]				
16/05/2012	WA1	-	0.0325	-	184	-	0.8	0.094	<0.01	-	-	-	8.07	-	7.93	99.7	-	73.4	38.1
18/06/2012	WA1	-	0.03	-	179	-	<0.5	0.089	<0.01	-	-	-	7.98	-	8.22	95.7	-	54.1	27
24/07/2012	WA1	-	0.0113	-	240	-	0.5	0.11	<0.01	-	-	-	7.9	-	12.7	120	-	3.3	0.74
25/08/2012	WA1	-	0.0164	-	283	-	0.78	0.12	<0.01	-	-	-	8.23	-	16.1	149	-	1.1	0.2
17/09/2012	WA1	-	0.0161	-	297	-	0.71	0.12	<0.01	-	-	-	8.11	-	17.6	153	-	<1	0.13
24/10/2012	WA1	-	0.0152	-	300	-	<0.5	0.12	<0.01	-	-	-	8.35	-	19.8	150	155	<1	0.11
24/11/2012	WA1	-	0.0189	-	279	-	0.66	0.11	<0.01	-	-	-	8.12	-	16.2	150	144	<1	0.21
15/12/2012	WA1	-	0.0176	-	292	-	0.6	0.13	<0.01	-	-	-	8.06	-	18.8	155	-	<1	0.21
25/01/2013	WA1	-	0.0197	-	304	-	0.78	0.12	<0.01	-	-	-	8.07	-	19.3	152	-	<1	0.12
20/02/2013	WA1	-	0.0196	-	309	-	0.82	0.13	<0.01	-	-	-	8.22	-	20.2	154	-	<1	<0.1
20/03/2013	WA1	-	0.0154	-	305	-	0.58	0.13	<0.01	-	-	-	8.24	-	18.9	149	-	<1	0.7
17/04/2013	WA1	-	0.0179	-	295	-	0.94	0.13	<0.01	-	-	-	8.31	-	18.8	147	-	1.3	0.42
23/05/2013	WA1	-	0.0256	-	185	-	<0.5	<0.01	<0.01	-	-	-	8.17	-	8.39	97.7	-	40.7	13.5
20/06/2013	WA1	-	0.0286	-	137	-	<0.5	0.088	<0.01	-	4.76	5.98	7.95	-	4.4	211	-	1560	919
17/07/2013	WA1	-	0.0199	-	267	-	<0.5	0.11	<0.01	-	0.69	1.87	8.21	-	17.3	128	-	2.8	0.56
26/08/2013	WA1	-	0.0183	-	295	-	0.65	0.12	<0.01	-	1.26	0.64	8.36	-	19.1	147	-	1.2	0.25
25/09/2013	WA1	-	0.0173	-	293	-	<0.5	0.12	<0.01	-	1.24	1.65	8.32	-	18.8	149	-	1.1	0.27
24/10/2013	WA1	-	0.0161	-	287	-	0.51	0.12	<0.01	-	<0.5	1.34	8.24	-	19.5	150	-	<1	0.13
21/11/2013	WA1	-	0.0203	-	325	-	<0.5	0.13	<0.01	-	0.61	1.26	8.25	-	21.5	135	-	54.2	1.59
28/01/2014	WA1	-	0.0182	-	312	-	0.51	0.13	<0.01	-	<0.5	0.6	8.24	-	21.3	155	-	<1	0.26
24/04/2014	WA1	-	0.0196	-	286	-	0.72	0.12	<0.01	-	0.71	0.89	8.32	-	17	144	-	<1	0.27
15/05/2014	WA1	-	0.0209	-	230	-	0.51	0.089	<0.01	-	1.12	1.84	8.17	-	12.3	119	-	10	3.13
22/05/2014	WA1	-	0.0177	-	159	-	2.1	0.09	<0.01	-	3.96	3.97	8.01	-	12.5	101	-	73.6	29.6
30/05/2014	WA1	-	0.0481	-	197	-	0.55	0.098	<0.01	-	1.86	3.2	8.05	-	11.7	103	-	29.9	14.2
30/05/2014	WA1-DUP	-	0.0449	-	195	-	<0.5	0.099	<0.01	-	1.73	1.99	8.07	-	11.6	103	-	32.8	14.5
05/06/2014	WA1	-	0.0347	-	186	-	0.59	0.093	<0.01	-	2.1	2.2	8.05	-	8.68	96	-	31.3	16.9
12/06/2014	WA1	-	0.0311	-	200	-	0.51	0.094	<0.01	-	1.2	2.19	8.16	-	9.61	106	-	7.6	4.56
24/07/2014	WA1	-	0.0185	-	272	-	<0.5	0.11	<0.01	-	1.35	<0.5	8.19	-	15.6	151	-	<1	0.28
21/08/2014	WA1	-	0.0192	-	297	-	0.75	0.12	<0.01	-	1.66	0.91	8.34	-	18.9	151	-	<1	0.24
28/08/2014	WA1	-	0.0187	-	299	-	0.61	0.12	<0.01	-	<0.5	1.13	8.34	-	18.7	147	-	<1	0.21
05/09/2014	WA1	-	0.016	-	277	-	0.57	0.11	<0.01	-	0.9	0.83	8.23	-	16.9	151	-	<1	0.17
12/09/2014	WA1	-	0.0142	-	288	-	0.59	0.11	<0.01	-	1.15	1.22	8.24	-	17.7	168	-	<1	0.14
18/09/2014	WA1	-	0.0158	-	290	-	<0.5	0.12	<0.01	-	0.99	1.33	8.22	-	17.4	167	-	<1	0.23
31/10/2014	WA1	-	0.0152	-	296	-	<0.5	0.11	<0.01	-	0.51	<0.5	8.21	-	19.6	152	-	1	0.11
27/11/2014	WA1	-	0.0214	-	261	-	0.85	0.1	<0.01	-	2.7	5.14	8.05	-	16.2	138	-	1	0.26
18/12/2014	WA1	-	0.0189	-	281	-	1.1	0.11	<0.01	-	1.21	0.77	8.18	-	16.1	133	-	<1	0.16
22/01/2015	WA1	-	0.018	-	297	-	0.66	0.12	<0.01	-	0.77	<0.5	8.13	-	19.3	163	-	<1	0.11
26/02/2015	WA1	-	0.0187	-	301	-	<0.5	0.11	<0.01	-	0.98	0.66	8.21	-	18.1	155	151	<1	0.27
26/03/2015	WA1	-	0.019	-	276	-	<0.5	0.12	<0.01	-	1.56	1.29	8.18	-	15.7	139	141	<1	0.34
23/04/2015	WA1	-	0.0317	-	212	-	1.1	0.091	<0.01	-	5.37	5.72	8.17	-	11.5	98.4	-	10.1	1.7
14/05/2015	WA1	-	0.0186	-	232	-	<0.5	0.1	<0.01	-	2.04	1.56	8.19	-	14.2	129	-	4	1.72
21/05/2015	WA1	-	0.0206	-	206	-	0.65	0.091	<0.01	-	1.72	1.39	8.09	-	10.9	101	-	6.7	1.45
28/05/2015	WA1	-	0.0262	-	195	-	<0.5	0.084	<0.01	-	1.5	1.69	8.09	-	9.9	101	-	19.7	6.58
05/06/2015	WA1	-	0.034	-	202	-	<0.5	0.091	<0.01	-	1.95	0.98	8.06	-	10.8	102	-	9.8	3.39
11/06/2015	WA1	-	0.0219	-	225	-	<0.5	0.099	<0.01	-	0.68	1.32	8.16	-	12.8	125	-	5.2	0.63
23/07/2015	WA1	-	0.0158	-	296	-	<0.5	0.12	<0.01	-	1.18	<0.5	8.22	-	18.1	155	-	<1	0.34
20/08/2015	WA1	-	0.0187	-	315	-	0.65	0.13	<0.01	-	<0.5	<0.5	8.01	-	18.7	160	-	<1	0.14
27/08/2015	WA1	-	0.0122	-	315	-	0.93	0.12	<0.01	-	0.71	0.85	8.22	-	19	154	-	1	0.2
03/09/2015	WA1	-	0.0172	-	305	-	0.64	0.13	<0.01	-	0.56	0.66	8.3	-	18.8	161	-	<1	0.32
10/09/2015	WA1	-	0.0168	-	302	-	0.95	0.13	<0.01	-	0.66	0.62	8.31	-	18.3	161	-	<1	0.26
17/09/2015	WA1	-	0.0158	-	309	-	0.85	0.11	<0.01	-	0.59	<0.5	-	-	19.2	189	-	<1	0.31
12/05/2016	WA1	-	0.0293	-	212	-	0.59	0.1	<0.01	-	1.48	1.35	8.18	-	12.6	104	-	13.5	5.81
20/07/2018	WA1	-	-	0.0163	288	<0.5	-	0.123	<0.05	-	0.76	0.76	8.47	18	-	-	-	<3	0.22
09/11/2018	WA1	-	-	0.0129	299	<0.5	-	0.131	<0.05	-	0.67	0.77	8.38	20.6	-	-	-	<3	0.39
17/06/2019	WA1	-	-	0.0163	248	<0.5	-	0.116	<0.05	-	1.31	1.22	8.41	15.9	-	-	-	<3	0.73

Sample Date	Sample ID	Sulfur (Filtered)	Aluminium	Aluminium (Filtered)	Aluminium (Filtered) Averaged	Antimony	Antimony (Filtered)	Arsenic	Arsenic (Filtered)	Barium	Barium (Filtered)	Beryllium	Beryllium (Filtered)	Bismuth	Bismuth (Filtered)	Boron	Boron (Filtered)	Cadmium	Cadmium (Filtered)	Calcium	Calcium (Filtered)	Cesium	Cesium (Filtered)
		Metals																					
		ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		3000	0.2	0.2	0.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.005	0.005	10	10	0.005	0.005	10	10	0.01	0.01
BC WQG				50	50											1200			Variable[#8]				
16/05/2012	WA1	-	232	11.2	-	0.058	0.043	0.407	0.155	82.2	57	0.047	<0.01	<0.005	<0.005	<50	<50	0.126	0.007	28,400	26,500	-	-
18/06/2012	WA1	-	222	14.4	-	0.054	0.044	0.394	0.145	80.3	51.2	0.042	<0.01	0.0064	<0.005	<50	<50	0.0881	0.0092	27,200	26,400	-	-
24/07/2012	WA1	-	32.7	8.74	-	0.048	0.056	0.172	0.142	74.7	72.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.012	0.008	33,300	34,600	-	-
25/08/2012	WA1	-	10.3	8.25	-	0.037	0.046	0.13	0.132	89.4	87.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.01	0.01	42,100	42,000	-	-
17/09/2012	WA1	-	4.04	1.6	-	0.034	0.036	0.123	0.117	89.2	92.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.008	43,400	44,100	-	-
24/10/2012	WA1	-	5.95	2.2	-	0.037	0.041	0.136	0.132	85.3	86.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.011	0.007	42,300	44,000	-	-
24/11/2012	WA1	-	6.26	1.95	-	0.038	0.053	0.108	0.111	82	84.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	43,000	41,200	-	-
15/12/2012	WA1	-	4.62	1.26	-	0.039	0.038	0.127	0.136	88	89.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	42,300	43,000	-	-
25/01/2013	WA1	-	3.8	2.3	-	0.039	0.037	0.161	0.138	93.6	88.7	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	42,600	48,300	-	-
20/02/2013	WA1	-	4.03	0.92	-	0.036	0.038	0.12	0.128	93.6	90.4	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	42,500	41,600	-	-
20/03/2013	WA1	-	4	1.71	-	0.03	0.042	0.117	0.133	89.9	94.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.009	41,300	41,000	-	-
17/04/2013	WA1	-	15.1	7.17	-	0.043	0.038	0.144	0.107	86.2	86.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.006	40,400	38,100	-	-
23/05/2013	WA1	-	171	11.1	-	0.046	0.044	0.269	0.118	70.3	54.7	0.031	<0.01	<0.005	<0.005	<50	<50	0.046	0.007	27,500	27,100	-	-
20/06/2013	WA1	-	5730	38.6	-	0.2	0.058	3.93	0.208	1070	50.4	1.42	<0.01	<0.025	<0.005	<250	<50	1.89	0.019	65,400	18,800	-	-
17/07/2013	WA1	-	11.7	2.97	-	0.041	0.034	0.148	0.112	77.2	80.5	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.007	36,000	33,800	-	-
26/08/2013	WA1	-	7.47	5.34	-	0.044	0.045	0.154	0.129	95.3	93.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	40,200	39,600	-	-
25/09/2013	WA1	-	10.3	2.27	-	0.039	0.038	0.129	0.142	92.7	87.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.006	42,000	41,500	-	-
24/10/2013	WA1	-	4.14	1.68	-	0.039	0.04	0.126	0.15	81.7	85.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.005	0.005	42,500	41,400	-	-
21/11/2013	WA1	-	23.1	1.2	-	0.044	0.048	0.148	0.15	93.8	92.3	<0.01	<0.01	<0.005	<0.005	<50	<50	0.008	0.007	35,500	45,700	-	-
28/01/2014	WA1	-	2.55	1.1	-	0.038	0.035	0.116	0.121	92.2	92.1	<0.01	<0.01	<0.005	<0.005	<50	<50	0.006	<0.005	44,100	43,800	-	-
24/04/2014	WA1	-	7.76	1.53	-	0.052	0.052	0.161	0.128	85.2	85.6	<0.01	<0.01	<0.005	<0.005	<50	<50	0.007	0.005	40,300	41,700	-	-
15/05/2014	WA1	-	85.4	6	na	0.049	0.054	0.201	0.153	71.2	69.6	0.011	<0.01	<0.005	<0.005	<50	<50	0.022	0.006	33,500	31,900	-	-
22/05/2014	WA1	-	306	8.26		0.057	0.045	0.395	0.153	93.2	56.5	0.057	<0.01	0.009	<0.005	<50	<50	0.074	0.008	28,400	25,600	-	-
30/05/2014	WA1	-	155	8.38		0.049	0.042	0.274	0.151	71.1	57.2	0.027	<0.01	0.006	<0.005	<50	<50	0.036	0.007	29,100	28,000	-	-
30/05/2014	WA1-DUP	-	152	8.11		0.056	0.046	0.277	0.146	70.8	56.5	0.034	<0.01	<0.005	<0.005	<50	<50	0.039	0.006	28,900	28,600	-	-
05/06/2014	WA1	-	137	11.6		0.07	0.037	0.238	0.145	69.3	51.3	0.029	<0.01	0.006	<0.005	<50	<50	0.039	0.007	27,500	26,200	-	-
12/06/2014	WA1	-	95.8	7.28		0.038	0.039	0.181	0.126	64.4	56.2	<0.01	<0.01	<0.005	<0.005	<50	<50	0.018	<0.005	30,500	27,500	-	-
24/07/2014	WA1	-	7.01	5.77	-	0.04	0.051	0.136	0.152	85.9	82.7	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.008	41,500	39,600	-	-
21/08/2014	WA1	-	6.93	2.25	na	0.043	0.046	0.142	0.153	91.7	90.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.008	0.007	41,800	42,100	-	-
28/08/2014	WA1	-	6.45	4.24		0.05	0.044	0.159	0.161	91.5	97.5	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.006	41,600	44,200	-	-
05/09/2014	WA1	-	6.62	2.4		0.041	0.041	0.137	0.107	89.4	89.3	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.007	42,900	41,800	-	-
12/09/2014	WA1	-	4.56	2.64		0.036	0.039	0.126	0.137	85.4	85.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.005	47,500	46,900	-	-
18/09/2014	WA1	-	4.38	4.16		0.052	0.04	0.152	0.149	91.4	89.4	<0.01	<0.01	<0.005	<0.005	<20	<20	0.007	0.006	47,100	42,300	-	-
31/10/2014	WA1	-	4.79	1.9	-	0.038	0.04	0.121	0.127	89.8	96.2	<0.01	<0.01	<0.005	<0.005	16	17	0.007	0.006	41,000	41,300	-	-
27/11/2014	WA1	-	9.38	2.38	-	0.042	0.037	0.126	0.12	84.7	81.3	<0.01	<0.01	<0.005	<0.005	15	14	0.0085	0.0059	38,700	37,600	-	-
18/12/2014	WA1	-	5.53	2.43	-	0.037	0.043	0.125	0.132	81.7	86.7	<0.01	<0.01	<0.005	<0.005	12	14	0.0073	0.007	37,500	38,900	-	-
22/01/2015	WA1	-	3.13	1.58	-	0.038	0.038	0.134	0.124	94.7	91.7	<0.01	<0.01	<0.005	<0.005	15	14	0.007	0.005	43,800	41,700	-	-
26/02/2015	WA1	6000	2.8	1.42	-	0.033	0.042	0.11	0.117	87.7	87	<0.01	<0.01	<0.005	<0.005	15	15	0.005	0.006	42,800	41,700	-	-
26/03/2015	WA1	5600	9.29	1.82	-	0.041	0.042	0.107	0.121	82.4	84.1	<0.01	<0.01	<0.005	<0.005	12	13	0.007	0.0051	39,100	39,400	-	-
23/04/2015	WA1	-	157	6.25	-	0.05	0.049	0.209	0.144	61.4	61.6	0.014	<0.01	<0.02	<0.005	<50	<10	0.0154	<0.005	27,100	28,000	-	-
14/05/2015	WA1	-	71.8	4.35	na	0.06	0.051	0.178	0.145	70.4	75.9	<0.01	<0.01	<0.005	<0.005	15	13	0.0282	0.006	35,700	33,000	-	-
21/05/2015	WA1	-	117	6.02		0.043	0.044	0.175	0.155	63.7	56.2	<0.01	<0.01	<0.005	<0.005	<10	<10	0.011	0.005	26,600	28,600	-	-
28/05/2015	WA1	-	128	9.45		0.045	0.054	0.201	0.128	62.6	56.2	0.016	<0.01	0.005	<0.005	<10	<10	0.021	0.008	28,300	28,500	-	-
05/06/2015	WA1	-	152	6.36		0.054	0.041	0.206	0.135	65.9	61.4	0.011	<0.01	<0.02	<0.005	<50	<10	0.0154	0.0053	28,400	29,300	-	-
11/06/2015	WA1	-	43.9	3.04		0.081	0.046	0.172	0.143	73.5	65.3	<0.01	<0.01	<0.005	<0.005	10	10	0.0102	0.0055	35,200	32,000	-	-
23/07/2015	WA1	-	8.65	2.77	-	0.044	0.039	0.173	0.15	89.5	87.5	<0.01	<0.01	<0.005	<0.005	14	15	0.0066	0.0058	43,500	40,600	-	-
20/08/2015	WA1	-	4.77	1.65	na	0.043	0.047	0.152	0.112	98	101	<0.01	<0.01	<0.005	<0.005	14	14	0.008	0.007	44,500	43,300	-	-
27/08/2015	WA1	-	7.5	2.53		0.047	0.051	0.152	0.152	95.5	99.2	<0.01	<0.01	<0.005	<0.005	15	16	0.007	0.006	43,400	45,500	-	-
03/09/2015	WA1	-	9.16	7.02		0.046	0.044	0.129	0.151	97.3	97.2	<0.01	<0.01	<0.005	<0.005	15	16	0.008	0.016	44,800	40,900	-	-
10/09/2015	WA1	-	4.63	1.69		0.041	0.041	0.155	0.153	91.6	96.9	<0.01	<0.01	<0.005	<0.005	14	14	0.006	0.006	45,000	45,100	-	-
17/09/2015	WA1	-	423	1.9		<0.05	0.041	0.28	0.153	136	97.3	0.065	<0.01	<0.02	<0.005	<50	15	0.072	0.006	52,800	44,500	-	-
12/05/2016	WA1	-	115	5.51	-	<0.05	0.037	0.182	0.133	63.7	58	0.013	<0.01	<0.02	<0.005	<50	<10	0.014	0.006	29,100	28,500	-	-
20/07/2018	WA1	-	11.3	2.6	-	<0.1	<0.1	0.13	0.15	90.4	90.8	<0.1	<0.1	<0.05	<0.05	15	15	0.0075	0.0079	40,300	40,700	<0.01	<0.01
09/11/2018	WA1	-	5.5	1.2	-	<0.1	<0.1	0.15	0.1	94.1	97.8	<0.1	<0.1	<0.05	<0.05	15	14	0.0057	0.006	43,900	46,300	<0.01	<0.01
17/06/2019	WA1	-	29.3	3	-	<0.1	<0.1	0.15	0.14	67.3	70.9	<0.1	<0.1	<0.05	<0.05	13	13	0.0079	0.007	34,300	37,900	<0.01	<0.01

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Copper (Filtered) Averaged	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.1	0.005	0.005	0.05	0.05		1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10
BC WQG Approved Long Term Average (Chronic) - Freshwater						4			Variable				Variable#4						Variable#4				1000				
	14/05/2012	A1	B240844	0.41	0.14	0.288	0.022	0.865	0.4	-	330	4.3	0.533	0.012	2.94	2.93	10,800	10,300	19.8	1.62	<0.01	<0.01	0.373	0.445	0.858	0.282	429
	18/06/2012	A1	B252527	0.35	0.16	0.212	0.0195	0.683	0.203	-	251	5.6	0.457	0.0068	2.11	1.79	8480	8060	20.2	0.749	<0.01	<0.01	0.313	0.332	0.755	0.191	334
	23/07/2012	A1	B265706	0.39	0.25	0.048	0.015	0.231	0.243	-	64.9	7.3	0.105	0.159	2.95	2.72	10,400	9990	3.56	1.43	<0.01	<0.01	0.566	0.614	0.262	0.171	387
	25/08/2012	A1	B276408	0.14	0.19	0.022	0.01	0.203	0.116	-	25.5	6.9	0.025	0.007	3.59	3.6	11,700	11,300	2.18	1.11	<0.01	<0.01	0.601	0.663	0.111	0.108	395
	17/09/2012	A1	B283851	0.15	0.25	0.012	0.011	0.345	0.129	-	18	6.3	0.027	<0.005	5.41	3.85	11,400	12,600	1.96	1.48	<0.01	<0.01	0.591	0.652	0.127	0.112	439
	24/10/2012	A1	B297129	0.12	0.12	0.011	0.009	<0.05	0.05	-	16.1	7.7	0.016	<0.005	3.31	3.56	11,800	12,000	1.61	1.28	<0.01	<0.01	0.61	0.625	0.148	0.09	397
	23/11/2012	A1	B2A7294	0.21	0.22	0.015	0.009	0.45	0.157	-	22	7.7	0.054	0.012	3.26	3.33	12,000	12,000	1.74	1.02	<0.01	<0.01	0.593	0.633	0.158	0.143	400
	15/12/2012	A1	B2B4014	0.19	0.17	0.021	0.01	0.238	0.878	-	21.9	6.4	0.029	0.006	3.43	3.52	14,200	13,400	1.76	1.19	<0.01	<0.01	0.605	0.661	0.127	0.122	420
	24/01/2013	A1	B306701	0.16	0.14	0.022	0.011	0.092	0.094	-	26.5	4.8	0.033	<0.005	3.71	3.56	12,200	11,700	1.93	0.738	<0.01	<0.01	0.601	0.621	0.153	0.157	405
	24/01/2013	A1-DUP	B306701	<0.1	0.18	0.021	0.01	0.097	-	-	25.3	4.9	0.029	0.008	3.68	3.77	11,900	12,500	1.9	0.825	<0.01	<0.01	0.658	0.668	0.131	0.12	403
	20/02/2013	A1	B314188	0.21	<0.1	0.027	0.008	0.184	0.662	-	32.7	5.6	0.046	0.01	3.85	3.63	12,800	12,600	2.17	0.719	<0.01	<0.01	0.647	0.594	0.134	0.059	385
	20/03/2013	A1	B322778	0.21	0.2	0.02	0.011	0.301	0.124	-	27.7	5.2	0.032	0.005	4.01	3.84	13,100	13,000	1.72	0.946	<0.01	<0.01	0.665	0.611	0.108	0.095	429
	17/04/2013	A1	B330896	0.26	0.2	0.052	0.009	0.344	0.13	-	75.8	4.3	0.09	<0.005	4.04	4.15	13,300	13,300	4.67	1.1	<0.01	<0.01	0.624	0.724	0.226	0.114	438
	23/05/2013	A1	B341817	0.53	0.16	0.501	0.03	1.21	0.248	-	497	10.8	0.872	0.009	2.28	2.04	9330	8260	40.4	1.22	<0.01	<0.01	0.246	0.353	1.37	0.24	410
	20/06/2013	A1	B351922	2.87	<0.1	6.09	0.057	10.3	0.459	-	4650	36.4	10.2	0.026	5.8	2.06	15,600	7000	519	4.36	<0.01	<0.01	0.164	0.416	13.4	0.472	1110
	17/07/2013	A1	B361290	0.18	0.17	0.016	0.023	0.14	0.206	-	5.5	20.5	<0.005	0.03	3.24	3.23	10,700	11,200	1.06	2.02	<0.01	<0.01	0.61	0.663	0.134	0.187	368
	26/08/2013	A1	B376191	0.16	0.15	0.019	0.013	0.192	0.148	-	15	5.6	0.019	<0.005	3.93	4.13	12,700	12,700	2	1.32	<0.01	<0.01	0.621	0.575	0.161	0.168	420
	25/09/2013	A1	B387669	0.17	0.15	0.009	0.013	0.093	0.122	-	15.7	7.7	0.013	0.005	3.74	3.65	12,100	11,300	1.61	1.28	<0.01	<0.01	0.649	0.629	0.142	0.138	455
	24/10/2013	A1	B399472	0.16	0.22	0.01	0.02	0.051	0.101	-	11.3	4.7	0.008	0.005	3.47	3.58	12,700	12,200	1.36	1.04	<0.002	<0.002	0.627	0.644	0.103	0.136	409
	20/11/2013	A1	B3A8665	0.18	0.22	0.016	0.013	0.17	0.244	-	11.4	9.1	0.023	0.009	4.31	4.03	13,700	14,600	2.09	1.79	<0.01	<0.002	0.693	0.697	0.368	0.115	477
	22/12/2013	A1	B3B7782	0.18	0.2	0.018	0.015	0.285	0.105	-	17	3.7	0.044	<0.005	4.1	4.21	12,400	12,200	1.36	0.726	<0.002	<0.002	0.749	0.674	0.097	0.106	396
	22/12/2013	A1-DUP	B3B7782	0.19	0.22	0.017	0.012	0.152	-	-	16.9	5.7	0.018	<0.005	4.12	4.11	12,600	12,400	1.31	0.804	<0.002	<0.002	0.672	0.675	0.098	0.083	413
	28/01/2014	A1	B407313	<0.1	<0.1	0.012	0.006	0.187	0.112	-	15.8	8.1	0.016	<0.005	3.85	3.85	12,700	12,500	1.35	0.922	<0.002	<0.002	0.668	0.685	0.221	0.111	425
	28/01/2014	A1-DUP	B407313	0.12	0.12	0.015	0.006	0.151	-	-	20.8	7	0.018	<0.005	3.75	3.8	12,800	12,400	1.79	1.04	<0.002	<0.002	0.64	0.675	0.138	0.104	417
	27/02/2014	A1	B416171	0.17	0.14	0.015	0.009	0.369	0.202	-	15.6	4.8	0.018	<0.005	4	4.03	12,900	13,100	1.11	0.773	<0.002	<0.002	0.64	0.653	0.11	0.097	403
	27/03/2014	A1	B424928	0.17	0.2	0.01	0.011	0.148	0.119	-	10.9	4.4	0.006	<0.005	3.97	4.35	13,300	13,400	1.04	0.795	0.0059	<0.002	0.629	0.692	0.1	0.104	429
	24/04/2014	A1	B432952	0.25	0.16	0.046	0.014	0.465	1.73	-	71.1	8.8	0.068	0.01	4.42	4.13	13,500	13,400	4.26	1.36	<0.002	<0.002	0.683	0.72	0.245	0.179	488
	15/05/2014	A1	B439804	0.39	0.2	0.166	0.023	0.812	0.433		293	5.7	0.317	0.006	4.1	3.47	12,500	12,700	11.8	1.39	<0.002	0.0025	0.606	0.587	0.691	0.253	431
	22/05/2014	A1	B442060	0.49	0.15	0.423	0.028	1.15	0.428		559	5.9	0.845	0.013	3.02	2.63	9990	9540	31.6	1.2	<0.002	<0.002	0.296	0.401	1.27	0.274	420
	29/05/2014	A1	B444272	0.3	0.17	0.168	0.017	0.471	0.259	na	214	6.6	0.29	0.009	2.45	2.23	9420	9420	11.6	0.819	<0.002	<0.002	0.34	0.432	0.584	0.23	356
	05/06/2014	A1	B446972	0.29	0.19	0.124	0.014	0.4	0.214		129	7	0.205	0.015	2.24	2.32	9510	8420	10	0.694	<0.002	<0.002	0.367	0.38	0.469	0.178	391
A1	12/06/2014	A1	B449500	0.25	0.22	0.082	0.017	0.379	0.162		146	29.8	0.151	0.011	2.23	2.44	9010	9130	5.86	1	<0.002	<0.002	0.391	0.471	0.375	0.187	330
	24/07/2014	A1	B464009	0.2	0.2	0.024	0.015	0.187	0.165	-	28.6	7.1	0.039	0.02	3.42	3.36	12,300	11,500	2.2	1.26	0.0029	<0.002	0.627	0.641	0.184	0.222	422
	21/08/2014	A1	B474408	0.23	0.23	0.02	0.015	0.195	0.202		24.3	7.7	0.016	0.012	3.7	3.83	12,200	12,300	2.04	1.34	0.0028	<0.002	0.624	0.679	0.197	0.22	384
	28/08/2014	A1	B476541	0.17	0.17	0.018	0.011	0.146	0.129		20.5	7	0.015	<0.005	3.56	3.61	11,500	12,600	1.86	1.25	0.0042	0.0026	0.563	0.632	0.186	0.174	378
	05/09/2014	A1	B479164	0.17	0.19	0.023	0.015	0.18	0.176	na	22.4	6.2	0.025	0.021	3.34	3.67	11,700	11,800	1.98	1.13	0.0053	0.0027	0.631	0.612	0.145	0.122	400
	12/09/2014	A1	B481292	0.18	0.19	0.018	0.011	0.166	0.23		21.7	5.2	0.028	0.013	3.42	3.43	14,100	12,700	1.58	0.996	0.0073	<0.002	0.599	0.61	0.154	0.108	442
	18/09/2014	A1	B483962	0.22	0.23	0.019	0.012	0.14	0.141		21	7.1	0.017	<0.005	3.19	2.93	12,300	12,000	1.78	1.07	0.006	<0.002	0.592	0.638	0.138	0.125	404
	30/10/2014	A1	B499587	0.17	0.2	0.012	0.01	0.08	0.12	-	11.4	8.2	0.006	<0.005	3.36	3.76	12,300	12,900	1.18	0.981	<0.002	<0.002	0.607	0.619	0.084	0.155	395
	28/11/2014	A1	B4A9093	0.14	0.1	0.0429	0.0214	0.235	0.507	-	76.2	11.2	0.0975	0.0325	3.45	4.04	12,000	11,900	4.3	1.29	0.0044	<0.002	0.591	0.629	0.231	0.31	458
	18/12/2014	A1	B4B5326	0.18	0.21	0.012	0.009	0.116	8.34	-	12	6.3	0.0095	0.251	3.51	3.53	11,500	13,600	1.07	0.807	<0.002	<0.002	0.622	0.649	0.221	0.244	358
	22/01/2015	A1	B505986	0.21	0.19	0.024	0.008	0.15	0.106	-	34.6	3.2	0.038	<0.005	3.94	3.94	14,100	13,800	2.3	0.673	<0.002	<0.002	0.666	0.686	0.142	0.09	418
	27/02/2015	A1	B516449	0.17	0.18	0.0093	0.01	0.141	0.144	-	9.3	5.3	<0.005	<0.005	4.21	4.02	12,800	13,200	0.863	0.719	<0.002	<0.002	0.679	0.65	0.103	0.085	394
	26/03/2015	A1	B525184	0.16	0.16	0.0168	0.0125	0.165	0.199	-	22.4	6.5	0.0224	<0.005	4.2	4.25	12,700	13,700	1.56	0.806	<0.002	<0.002	0.625	0.661	0.131	0.119	433
	26/03/2015	A1-DUP	B525184	0.17	0.17	0.0222	0.0109	0.131	-	-	24.4	6	0.0181	<0.005	4.02	4.16	13,000	13,300	1.72	0.991	<0.002	<0.002	0.648	0.66	0.127	0.147	434
	23/04/2015	A1	B533584	<0.5	0.17	0.188	0.0205	0.72	0.129	-	339	4.7	0.311	<0.005	3.22	2.99	11,400	10,500	11.6	1.38	<0.002	<0.002	0.501	0.534	0.66	0.174	460
	15/05/2015	A1	B540628	0.27	0.2	0.0487	0.0123	0.206	0.115		99.5	4.8	0.0847	0.0068	2.97	2.78	11,400	12,100	3.12	0.863	<0.002	<0.002	0.567	0.617	0.298	0.173	354
	21/05/2015	A1	B542667	0.3	0.22	0.069	0.015	0.242	0.15		165	3.9	0.098	<0.005	2.86	2.5	11,000	10,200	3.53	0.656	<0.002	<0.002	0.475	0.45	0.32	0.157	351
	28/05/2015	A1	B545872	0.33	0.23	0.131	0.014	0.373	0.104	na	213	4.3	0.303	<0.005	2.41	2.33	9220	9430	9.17	0.658	<0.002	<0.002	0.395	0.426	0.54	0.256	329
	04/06/2015	A1	B547761	0.71	0.17	0.211	0.0162	0.78	0.161		397	9.2	0.343	<0.005	1.68	1.99	9070	8490	12	0.721	<0.002	<0.002	0.399	0.383	0.86	0.272	390
	11/06/2015	A1	B549906	0.26	0.22	0.0516	0.0177	0.221	0.152		110	30.7	0.0927	0.0059	2.45	2.01	10,100	10,500	3.97	1.26	<0.002	<0.002	0.509	0.485	0.295	0.36	338
	23/07/2015	A1	B563471	0.21	0.18	0.0181	0.0091	0.103	0.05	-	25.2	10.8	0.0108	<0.005	3.18	2.94	12,000	11,900	1.59	1.17	<0.002	<0.002	0.648	0.599	0.122	0.098	404
	20/08/2015	A1	B572515	0.19	0.16	0.014	0.011	0.121	0.139		13.6	5.3	0.008	<0.005	4.77	4.18	12,700	12,800	1.54	1.1	<0.002	<0.002	0.672	0.672	0.191	0.104	432
	27/08/2015	A1	B575103	0.23	0.22	0.028	0.012	0.205	2.59		51.8	6.6	0.044	0.007	3.54	3.98	11,800	12,400	2.5	1.15	<0.002	<0.002	0.708	0.674	0.16	0.176	413
	03/09/2015	A1	B577658	0.37	0.17	0.102	0.01	0.258	0.09	0.61	202	5.4	0.115	<0.005	3.92	3.51	12,900	12,100	5.71	0.96	<0.002	<0.002	0.656	0.666	0.353	0.101	443
	10/09/2015	A1	B579637	0.22	0.2	0.015	0.01	0.127	0.114		24.3	4.9	0.012	0.005	3.86	4.38	12,600	12,700	1.7	1.06	<0.002	<0.002	0.604	0.664	0.118	0.102	435
	17/09/2015	A1	B582068	0.23	0.2	0.014	0.01	0.106	0.099		16.1	6.3	0.008	<0.005	3.69	4.15	13,000	12,000	1.67	1.27	<0.002	<0.002	0.644	0.671	0.097	0.08	425
	12/05/2016	A1	B637198	<0.5	0.17	0.038	0.012	0.34	0.121	-	59.2	2.9	0.056	<0.005	2.54	2.52	9330	9550	2.43	0.55	<0.002	<0.002	0.478	0.459	0.21	0.122	310
	20/07/2018	A1	L2133661	0.21	0.22	<0.1	<0.1	<0.5	0.2	-	18	<10	<0.05	<0.05	3.2	3.2	11,900	11,000	1.83	1.18	<0.005	<0.005	0.635	0.61	<0.5	<0.5	357
	09/11/2018	A1	L2195291	0.21	0.2	<0.1	<0.1	<0.5	0.2	-	29	<10	<0.05	<0.05	3.8	4	12,900	14,400	2.51	1.39	<0.005	<0.005	0.627	0.665	<0.5	<0.5	386
	04/03/2019	A1	L2240838	0.25	0.2	<0.1	<0.1	<0.5	0.33	-	27	<10	<0.05	<0.05	4	4.1	12,900	13,600	1.49	0.69	<0.005	<0.005	0.642	0.632	<0.5	<0.5	405
	04/03/2019	A1-DUP	L2240838	0.23	0.18	<0.1	<0.1	<0.5	-	-	14	<10	<0.05	<0.05	4.1	4.1	13,100	13,700	1.06	0.71	<0.005	<0.005	0.673	0.683	<0.5	<0.5	411
	18/06/2019	A1	L2295044	0.25	0.21	<0.1	<0.1	<0.5	0.2	-	35	<10	<0.05	<0.05	2.7	2.8	10,400	9780	2.66	0.76	<0.005	<0.005	0.516	0.526	<0.5	<0.5	294
	15/05/2012	A2	B240844	0.39	0.17	0.263	0.023	0.74	0.248	-	298	4.8	0.504	0.008	1.97	1.92	9440	9030	17.6	1.05	<0.01	<0.01	0.3	0.332	0.839	0.224	351
	18/06/2012	A2	B252527	0.34	0.13	0.254	0.02	0.657	0.226	-	270	5.8	0.554	0.0126	1.64	1.45	7710	7230	19.9	0.575	<0.01	<0.01	0.256	0.259	0.719	0.171	280
	24/07/2012	A2	B265706	0.34	0.35	0.046	0.021	0.259	0.354	-	55.2	18.5	0.297	0.819	2.07	2.01	9230	9060	2.71	1.28	<0.01	<0.01	0.625	0.543	0.273	0.324	308
	25/08/2012	A2	B276408	0.25	0.18	0.019	0.011	0.175	0.196	-	19.8	9.2	0.022	0.012	2.35	2.29	10,900	10,600	1.72	2.06	<0.01	<0.01	0.509	0.568	0.088	0.096	325
	17/09/2012	A2	B283851	0.21	0.31	0.016	0.01	0.469	0.357	-	37.5	11.1	0.015	0.005	2.99	2.56	11,400	11,700	2.17	1.84	<0.01	<0.01	0.501	0.566	0.145	0.136	366
	24/10/2012	A2	B297129	0.13	0.12	0.011	0.014	0.073	0.05	-	15.8	29	0.013	0.032	2.39	2.47	11,100	11,300	2.3	2.46	<0.01	<0.01	0.53	0.525	0.098	0.1	320
	24/10/2012	A2-DUP	B297129	0.11	0.12	0.009	0.008	0.051	-	-	16.6	11.9	0.011	0.006	2.48	2.34	11,200	11,200	2.21	2.16	<0.01	<0.01	0.518	0.546	0.109	0.107	316
	24/11/2012	A2	B2A7294	0.31	0.23	0.08	0.012	0.502	0.344	-	108	13	0.223	0.054	2.48	2.47	11,700	11,500	8.67	1.64	<0.01	<0.01	0.489	0.564	0.415	0.222	357
	15/12/2012	A2	B2B4014	0.19	0.19	0.008	0.009	0.14	0.121	-	13.8	10.4	0.009	0.006	2.4	2.44	12,400	12,600	1.79	1.64	<0.01	<0.01	0.588	0.586	0.107	0.098	322
	25/01/2013	A2	B306701	0.13	0.23	0.012	0.008	<0.05	0.077	-	12.4	7	<0.005	<0.005	2.57	2.37	11,500	12,300	1.77	1.55	<0.01	<0.01	0.526	0.474	0.217	0.082	322
	20/02/2013	A2	B314188	0.2	<0.1	0.01	0.011	0.091	0.265	-	14.6	9.4	0.007	0.009	2.56	2.33	12,100	11,800	1.98	1.76	<0.01	<0.01	0.516	0.528	0.078	0.035	314
	20/03/2013	A2	B322778	0.18	0.2	0.013	0.013	0.071	0.161	-	11.8	7.4	0.006	0.006	2.69	2.71	12,300	12,300	1.71	1.72	<0.01	<0.01	0.47	0.559	0.069	0.061	339
	17/04/2013	A2	B330896	0.23	0.23	0.02	0.009	0.144	0.081	-	25.4	7.5	0.024	<0.005	2.58	2.76	12,000	12,400	2.25	1.59	<0.01	<0.01	0.51	0.549	0.138	0.083	325
	23/05/2013	A2	B341817	0.46	0.19	0.453	0.024	1.11	0.23	-	429	11.9	0.98	0.007	1.75	1.44	8550	7710	37.4	1.09	<0.01	<0.01	0.218	0.279	1.52	0.376	330
	20/06/2013	A2	B351922	2.52	<0.1	5.11	0.068	8.39	0.339	-	3650	45.8	8.54	0.031	4.52	1.09	13,000	6220	453	4.15	<0.01	<0.01	0.133	0.316	11.1	0.355	804
	17/07/2013	A2	B361290	0.18	0.18	0.014	0.022	0.171	0.151	-	5.2	14.8	<0.005	0.028	2.16	2.16	9520	9710	0.794	1.47	<0.01	<0.01	0.531	0.518	0.122	0.217	277
	26/08/2013	A2	B376191	0.17	0.17	0.019	0.017	0.339	0.25	-	15.2	8.4	0.017	0.027	2.52	2.55	11,300	12,000	1.93	1.69	<0.01	<0.01	0.569	0.551	0.128	0.15	343
	25/09/2013	A2	B387669	0.19	0.15	0.01	0.008	0.089	0.127	-	17.5	8.6	0.021	0.009	2.65	2.43	11,000	11,000	1.8	1.58	<0.01	<0.01	0.547	0.536	0.13	0.14	363
	24/10/2013	A2	B399472	0.19	0.23	0.008	0.015	0.105	0.079	-	12.9	8.4	0.012	0.006	2.26	2.25	11,400	12,100	1.54	1.5	<0.002	0.0039	0.616	0.614	0.129	0.175	292
	20/11/2013	A2	B3A8665	0.3	0.21	0.098	0.016	0.327	0.104	-	123	6.8	0.195	0.01	2.42	2.85	12,500	13,100	8.64	2.24	<0.01	<0.002	0.446	0.644	0.341	0.14	356
	22/12/2013	A2	B3B7782	0.22	0.2	0.015	0.007	0.099	0.1	-	18.4	5.9	0.012	<0.005	2.74	2.47	11,600	11,200	1.64	1.34	<0.002	<0.002	0.55	0.593	0.13	0.123	327
	28/01/2014	A2	B407313	0.18	0.11	0.013	0.007	0.216	0.187	-	21.4	7	0.014	<0.005	2.39	2.28	11,400	11,600	2.16	1.47	<0.002	<0.002	0.516	0.562	0.134	0.075	306
	26/02/2014	A2	B416171	0.2	0.16	0.013	0.009	0.572	0.097	-	13.1	4.4	0.011	0.012	2.98	2.85	12,600	12,300	1.13	0.833	<0.002	<0.002	0.505	0.527	0.09	0.086	339
	27/03/2014	A2	B424928	0.2	0.22	0.009	0.01	0.121	0.177	-	12.2	6.2	0.006	<0.005	2.39	2.68	12,000	12,200	0.927	0.8	0.0107	<0.002	0.552	0.531	0.137	0.061	325
	24/04/2014	A2	B432952	0.23	0.22	0.021	0.012	0.197	0.531	-	25.9	5.7	0.024	<0.005	2.64	2.53	12,300	12,100	1.64	0.954	<0.002	0.0055	0.494	0.493	0.136	0.124	336
	15/05/2014	A2	B439804	0.54	0.23	0.24	0.02	0.744	0.288		385	8.2	0.481	0.009	3.11	2.32	11,600	11,800	14.3	0.989	<0.002	<0.002	0.43	0.515	0.827	0.21	347
	22/05/2014	A2	B442060	0.49	0.15	0.529	0.025	1.47	0.243		595	6.2	1.04	0.016	2.3	1.89	9160	8730	38.5	1.13	<0.002	<0.002	0.243	0.329	1.62	0.228	367
	29/05/2014	A2	B444272	0.31	0.19	0.169	0.017	0.465	0.226	na	225	6.3	0.334	0.032	1.87	1.59	9040	8530	11.5	0.542	<0.002	<0.002	0.263	0.317	0.536	0.2	308
	05/06/2014	A2	B446972	0.27	0.18	0.122	0.013	0.365	0.206		137	5.8	0.236	<0.005	1.6	1.48	7900	7930	9.98	0.515	<0.002	<0.002	0.298	0.315	0.436	0.187	292
	05/06/2014	A2-DUP	B446972	0.31	0.19	0.133	0.017	0.364	-		156	5	0.251	0.009	1.72	1.5	8150	7500	9.63	0.455	<0.002	<0.002	0.296	0.329	0.6	0.184	303
A2	12/06/2014	A2	B449500	0.3	0.2	0.096	0.015	0.329	0.129		156	4.5	0.178	0.006	1.71	1.48	8460	8340	6.53	0.837	<0.002	<0.002	0.398	0.397	0.397	0.195	298
	24/07/2014	A2	B464009	0.23	0.25	0.028	0.012	0.521	0.164	-	28.4	5.7	0.056	0.01	2.37	2.24	11,300	11,000	2.14	1.15	0.0033	0.0027	0.526	0.569	0.282	0.267	363
	21/08/2014	A2	B474408	0.23	0.22	0.024	0.011	0.254	0.117		21.8	7.3	0.022	<0.005	2.48	2.33	11,300	11,400	2.16	1.61	0.0032	0.0033	0.595	0.572	0.176	0.207	319
	28/08/2014	A2	B476541	0.18	0.18	0.019	0.01	0.212	0.554		31.5	10.8	0.026	0.019	2.42	2.6	11,000	10,900	2.13	1.53	<0.002	0.0033	0.518	0.529	0.146	0.168	314
	05/09/2014	A2	B479164	0.19	0.19	0.023	0.014	0.158	0.138	0.22	22	6.6	0.024	<0.005	2.22	2.29	10,600	10,600	2.06	1.35	0.0068	<0.002	0.606	0.535	0.16	0.189	312
	12/09/2014	A2	B481292	0.15	0.18	0.017	0.013	0.113	0.095		27.9	6.2	0.031	<0.005	2.29	2.2	11,700	11,700	1.87	1.36	0.0046	<0.002	0.535	0.572	0.152	0.127	334
	18/09/2014	A2	B483962	0.27	0.15	0.016	0.011	0.177	0.213		17.6	8.3	0.013	<0.005	2.13	2.07	11,700	10,900	1.84	1.43	0.0041	0.0053	0.567	0.573	0.134	0.129	333
	30/10/2014	A2	B499587	0.19	0.23	0.012	0.009	0.106	0.082	-	11.8	7.6	0.009	<0.005	2.24	2.4	11,500	12,100	1.67	1.73	<0.002	<0.002	0.542	0.572	0.099	0.096	306
	27/11/2014	A2	B4A9093	0.12	0.11	0.0121	0.0086	2.3	0.404	-	17.6	7	0.016	0.0104	2.4	2.48	11,400	11,700	1.57	1.31	<0.002	<0.002	0.582	0.571	0.108	0.113	362
	18/12/2014	A2	B4B5326	0.2	0.21	0.0107	0.005	0.16	0.196	-	11.1	3.9	0.0078	0.011	2.34	1.97	10,500	12,200	0.999	0.799	<0.002	<0.002	0.493	0.56	0.341	0.198	281
	18/12/2014	A2-DUP	B4B5326	0.21	0.24	0.0142	0.007	0.13	-	-	13	3.2	0.0152	<0.005	2.23	2.28	10,600	12,400	1.02	0.76	<0.002	<0.002	0.52	0.54	0.474	0.177	283
	22/01/2015	A2	B505986	0.24	0.22	0.008	0.006	0.066	0.102	-	6.9	4.3	0.005	<0.005	2.62	2.78	13,000	12,800	0.765	0.632	0.0031	0.0034	0.574	0.565	0.099	0.082	309
	27/02/2015	A2	B516449	0.2	0.22	0.0087	0.008	0.085	0.093	-	6.4	4.8	<0.005	<0.005	3.38	2.74	12,000	12,600	0.701	0.583	<0.002	<0.002	0.552	0.545	0.081	0.084	298
	26/03/2015	A2	B525184	0.19	0.2	0.0101	0.0093	0.112	0.166	-	11.4	3.7	0.0113	<0.005	2.66	2.98	11,700	12,300	0.854	0.635	<0.01	<0.002	0.533	0.542	0.095	0.358	326
	23/04/2015	A2	B533584	<0.5	0.18	0.131	0.0185	0.69	0.127	-	259	2.8	0.261	<0.005	2.11	2.2	9660	9690	7.2	0.773	<0.002	<0.002	0.411	0.454	0.54	0.177	360
	15/05/2015	A2	B540628	0.25	0.21	0.0331	0.0144	0.151	0.2		56	7	0.0424	0.0097	2.6	2.11	10,700	11,300	1.7	0.782	<0.002	<0.002	0.497	0.511	0.248	0.209	301
	21/05/2015	A2	B542667	0.31	0.18	0.126	0.012	0.254	0.27		141	2.9	0.099	<0.005	2.28	1.98	9920	8690	3.3	0.497	<0.002	<0.002	0.432	0.347	0.349	0.142	310
	21/05/2015	A2-DUP	B542667	0.33	0.22	0.063	0.019	0.222	-	0.26	161	12.1	0.108	0.018	2.35	2	10,200	9760	4.53	1.28	<0.002	<0.002	0.441	0.44	0.359	0.257	317
	28/05/2015	A2	B545872	0.38	0.2	0.309	0.013	0.294	0.509		236	3.9	0.276	0.023	1.9	1.48	8790	8840	14.1	0.603	<0.002	<0.002	0.319	0.373	0.67	0.186	276
	04/06/2015	A2	B547761	0.62	0.19	0.154	0.0146	0.8	0.171		310	5.5	0.294	0.008	0.99	1.31	8460	8420	9.18	0.488	<0.002	<0.002	0.363	0.321	0.8	0.256	330
	11/06/2015	A2	B549906	0.29	0.19	0.0658	0.0095	0.212	0.128		161	3	0.106	<0.005	1.92	1.18	9020	8630	3.83	0.679	<0.002	<0.002	0.418	0.423	0.506	0.305	291
	23/07/2015	A2	B563471	0.22	0.19	0.013	0.0091	0.079	0.05	-	22.6	6	0.0082	<0.005	2.29	1.82	11,100	10,400	1.85	1.51	<0.002	<0.002	0.57	0.509	0.121	0.093	319
	20/08/2015	A2	B572515	0.2	0.2	0.013	0.01	0.101	0.261		16.1	11.4	0.006	<0.005	2.92	2.66	11,500	11,700	2.57	2.27	<0.002	<0.002	0.581	0.551	0.114	0.103	333
	27/08/2015	A2	B575103	0.24	0.22	0.012	0.011	0.112	0.135		19.2	8.1	0.009	<0.005	2.58	2.37	11,000	11,500	2.54	2.23	<0.002	<0.002	0.658	0.563	0.135	0.108	309
	03/09/2015	A2	B577658	0.22	0.19	0.021	0.008	0.067	0.05	na	35.6	9.4	0.012	<0.005	2.72	2.54	11,500	11,300	2.7	2.1	<0.002	<0.002	0.571	0.536	0.095	0.1	312
	10/09/2015	A2	B579637	0.24	0.2	0.02	0.01	0.287	0.115		36.9	6.3	0.02	<0.005	2.84	3.2	11,700	11,800	2.51	1.83	<0.002	<0.002	0.589	0.595	0.149	0.09	344
	17/09/2015	A2	B582068	0.22	0.21	0.014	0.009	0.129	0.092		16.9	7.7	0.01	<0.005	2.6	2.61	11,600	11,100	2.4	2.06	<0.002	<0.002	0.58	0.591	0.095	0.079	347
	12/05/2016	A2	B637198	<0.5	0.21	0.033	0.012	0.36	0.103	-	52.5	2.7	0.057	<0.005	2.2	2.12	8970	9290	2.45	0.507	<0.002	<0.002	0.426	0.43	0.2	0.14	290
	20/07/2018	A2	L2133661	0.3	0.22	<0.1	<0.1	<0.5	0.2	-	18	<10	<0.05	<0.05	2.3	2.3	11,600	10,600	2.08	1.65	<0.005	<0.005	0.538	0.512	<0.5	<0.5	311
	09/11/2018	A2	L2195291	0.27	0.21	<0.1	<0.1	<0.5	0.2	-	14	<10	<0.05	<0.05	2.8	2.9	12,100	13,700	2.7	2.61	<0.005	<0.005	0.585	0.554	<0.5	<0.5	319
	05/03/2019	A2	L2240838	0.23	0.17	<0.1	<0.1	<0.5	0.2	-	18	<10	<0.05	<0.05	2.8	2.8	13,200	11,700	1.35	0.77	<0.005	<0.005	0.537	0.507	<0.5	<0.5	349
	17/06/2019	A2	L2295044	0.21	0.21	<0.1	<0.1	<0.5	0.2	-	25	<10	<0.05	<0.05	2	2	9790	9050	1.54	1.04	<0.005	<0.005	0.435	0.456	<0.5	<0.5	252

Sample Date	Sample ID	Potassium (Filtered)	Rubidium	Rubidium (Filtered)	Selenium	Selenium; Averaged	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver; Averaged	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc; Averaged	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L
RDL		10	0.2	0.2	0.04	0.04	0.04	50	50	0.005	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1		0.1	0.06	0.06
BC WQG Approved Long Term Average (Chronic) - Freshwater					2#10	2#10				Variable	Variable																						Variable#4				
14/05/2012	A1	395	-	-	0.4	-	0.404	2170	1960	0.007	-	<0.005	1430	1430	100	98.4	-	-	0.013	0.003	-	-	<0.2	<0.2	2.22	<0.5	-	-	0.403	0.354	0.49	<0.2	3.69	-	0.66	<0.1	<0.1
18/06/2012	A1	290	-	-	0.286	-	0.285	1920	1900	0.0056	-	<0.005	751	756	68	65.8	-	-	0.0101	0.0022	-	-	<0.2	<0.2	2.3	<0.5	-	-	0.306	0.281	0.43	<0.2	3.08	-	0.5	<0.1	<0.1
23/07/2012	A1	348	-	-	0.417	-	0.413	1920	1890	<0.005	-	<0.005	1240	1180	90.4	93.7	-	-	0.004	0.002	-	-	<0.2	<0.2	0.56	<0.5	-	-	0.458	0.429	0.24	<0.2	0.81	-	0.85	<0.1	<0.1
25/08/2012	A1	383	-	-	0.562	-	0.432	2180	2160	<0.005	-	<0.005	1570	1540	106	106	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.527	0.533	<0.2	<0.2	0.32	-	0.2	<0.1	<0.1
17/09/2012	A1	429	-	-	0.522	-	0.587	2220	2220	<0.005	-	<0.005	1570	1720	99.4	117	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.538	0.555	<0.2	<0.2	1.14	-	0.89	<0.1	<0.1
24/10/2012	A1	404	-	-	0.495	-	0.566	2130	2150	<0.005	-	<0.005	1540	1560	110	115	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.553	0.56	<0.2	<0.2	0.55	-	0.2	<0.1	<0.1
23/11/2012	A1	403	-	-	0.468	-	0.448	2250	2300	<0.005	-	<0.005	1730	1540	105	108	-	-	0.002	0.002	-	-	<0.2	0.33	<0.5	<0.5	-	-	0.514	0.531	<0.2	<0.2	20.5	-	0.64	<0.1	<0.1
15/12/2012	A1	414	-	-	0.662	-	0.675	2250	2260	<0.005	-	<0.005	1880	1780	113	117	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.576	0.582	<0.2	<0.2	0.51	-	0.26	<0.1	<0.1
24/01/2013	A1	390	-	-	0.517	-	0.643	2190	1800	<0.005	-	<0.005	1720	1650	118	118	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.575	0.551	<0.2	<0.2	1.34	-	0.23	<0.1	<0.1
24/01/2013	A1-DUP	361	-	-	0.463	-	0.568	2130	2220	<0.005	-	<0.005	1660	1700	116	114	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.573	0.559	<0.2	<0.2	0.87	-	0.33	<0.1	<0.1
20/02/2013	A1	378	-	-	0.681	-	0.642	2210	2030	<0.005	-	<0.005	1830	1810	129	127	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.576	0.556	<0.2	<0.2	0.55	-	0.16	<0.1	<0.1
20/03/2013	A1	435	-	-	0.621	-	0.581	1960	1990	<0.005	-	<0.005	1820	1830	124	124	-	-	0.002	<0.002	-	-	0.21	<0.2	<0.5	<0.5	-	-	0.597	0.658	<0.2	<0.2	0.33	-	1.15	<0.1	<0.1
17/04/2013	A1	435	-	-	0.694	-	0.777	2000	1890	<0.005	-	<0.005	1890	1880	130	138	-	-	0.002	<0.002	-	-	0.25	<0.2	<0.5	<0.5	-	-	0.611	0.628	<0.2	<0.2	0.9	-	0.28	<0.1	<0.1
23/05/2013	A1	350	-	-	0.281	-	0.306	1970	1740	0.005	-	<0.005	940	927	78.7	75.3	-	-	0.014	<0.002	-	-	<0.2	<0.2	2.41	<0.5	-	-	0.371	0.305	0.84	<0.2	5.33	-	0.33	<0.1	<0.1
20/06/2013	A1	730	-	-	0.315	-	0.255	4370	1730	0.007	-	<0.005	1320	1160	117	67.9	-	-	0.053	0.002	-	-	<0.2	<0.2	4.09	<0.5	-	-	0.85	0.238	6.13	0.39	46.7	-	1.29	0.43	0.15
17/07/2013	A1	393	-	-	0.598	-	0.549	2260	1930	<0.005	-	<0.005	1460	1520	99.8	104	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.491	0.497	<0.2	<0.2	0.44	-	0.8	<0.1	<0.1
26/08/2013	A1	434	-	-	0.497	-	0.526	2300	2460	<0.005	-	<0.005	1750	1780	115	115	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.536	0.546	<0.2	<0.2	0.95	-	0.6	<0.1	<0.1
25/09/2013	A1	399	-	-	0.498	-	0.654	2040	2330	<0.005	-	<0.005	1690	1550	118	103	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.467	0.507	<0.2	<0.2	0.3	-	0.38	<0.1	<0.1
24/10/2013	A1	451	-	-	0.57	-	0.601	2170	2010	<0.005	-	<0.005	1630	1620	107	117	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.558	0.573	<0.2	<0.2	0.32	-	0.28	<0.1	<0.1
20/11/2013	A1	505	-	-	0.617	-	0.657	2010	2410	<0.005	-	<0.005	2010	2080	123	134	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.568	0.577	<0.2	<0.2	1.17	-	0.83	<0.1	<0.1
22/12/2013	A1	403	-	-	0.611	-	0.669	2210	2270	<0.005	-	<0.005	1770	1680	129	124	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.581	0.563	<0.2	<0.2	0.25	-	0.2	<0.1	<0.1
22/12/2013	A1-DUP	399	-	-	0.64	-	0.604	2160	2220	<0.005	-	<0.005	1690	1670	129	125	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.589	0.561	<0.2	<0.2	0.29	-	0.17	<0.1	<0.1
28/01/2014	A1	412	-	-	0.576	-	0.632	2370	2490	<0.005	-	<0.005	1840	1850	134	135	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.59	0.58	<0.2	<0.2	0.53	-	0.23	<0.1	<0.1
28/01/2014	A1-DUP	415	-	-	0.61	-	0.588	2350	2300	<0.005	-	<0.005	1880	1850	129	126	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.577	0.593	<0.2	<0.2	0.28	-	0.27	<0.1	<0.1
27/02/2014	A1	408	-	-	0.639	-	0.585	2270	2180	0.005	-	<0.005	1870	1890	127	127	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.57	0.574	<0.2	<0.2	0.34	-	0.28	<0.1	<0.1
27/03/2014	A1	428	-	-	0.682	-	0.67	2190	2220	<0.005	-	<0.005	2090	2040	127	137	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.589	0.597	<0.2	<0.2	0.2	-	0.31	<0.1	<0.1
24/04/2014	A1	499	-	-	0.658	-	0.66	2480	2640	<0.005	-	<0.005	2500	2530	141	139	-	-	0.003	<0.002	-	-	<0.2	<0.2	0.52	<0.5	-	-	0.573	0.6	<0.2	<0.2	0.71	-	1.89	<0.1	<0.1
15/05/2014	A1	416	-	-	0.562		0.603	2290	2250	<0.005		<0.005	2130	2000	124	126	-	-	0.007	0.002	-	-	<0.2	<0.2	1.99	<0.5	-	-	0.531	0.502	0.45	<0.2	2.77		0.28	0.14	<0.1
22/05/2014	A1	378	-	-	0.399		0.389	2270	1920	0.005		<0.005	1190	1140	89.4	87.3	-	-	0.012	<0.002	-	-	<0.2	<0.2	2.35	<0.5	-	-	0.431	0.371	0.75	<0.2	5.17		0.52	<0.1	<0.1
29/05/2014	A1	352	-	-	0.333	na	0.335	1990	1840	<0.005	na	<0.005	1080	1060	86.3	82.5	-	-	0.005	<0.002	-	-	<0.2	<0.2	1.37	<0.5	-	-	0.367	0.34	0.3	<0.2	1.94	na	0.98	0.1	<0.1
05/06/2014	A1	310	-	-	0.309		0.367	1990	1730	<0.005		<0.005	1090	958	77.4	77.7	-	-	0.005	<0.002	-	-	<0.2	<0.2	2.42	<0.5	-	-	0.338	0.338	0.42	<0.2	1.73		0.42	0.15	<0.1
12/06/2014	A1	330	-	-	0.35		0.447	1990	1940	<0.005		<0.005	928	1030	81.4	86.9	-	-	0.002	0.008	-	-	<0.2	<0.2	1.63	<0.5	-	-	0.367	0.373	0.36	<0.2	1.32		1.04	<0.1	<0.1
24/07/2014	A1	388	-	-	0.424	-	0.444	2210	2140	<0.005	-	0.013	1540	1480	111	104	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.522	0.508	<0.2	<0.2	0.89	-	0.6	<0.1	<0.1
21/08/2014	A1	410	-	-	0.493		0.452	2240	2260	<0.005		<0.005	1580	1630	120	121	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.509	0.537	<0.2	<0.2	0.68		2.1	<0.1	<0.1
28/08/2014	A1	401	-	-	0.514		0.517	2190	2070	0.012		0.015	1570	1630	114	113	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.505	0.524	<0.2	<0.2	0.45		0.29	<0.1	<0.1
05/09/2014	A1	412	-	-	0.563	na	0.546	2290	2230	<0.005	na	<0.005	1450	1440	111	121	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.522	0.518	<0.2	<0.2	0.41	na	0.33	<0.1	<0.1
12/09/2014	A1	400	-	-	0.595		0.572	2720	2300	<0.005		<0.005	1660	1560	104	108	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.531	0.545	<0.2	<0.2	1.46		0.31	<0.1	<0.1
18/09/2014	A1	384	-	-	0.53		0.49	2220	2050	<0.005		<0.005	1490	1430	107	105	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.554	0.516	<0.2	<0.2	0.3		0.25	<0.1	<0.1
30/10/2014	A1	423	-	-	0.525	-	0.594	1950	2260	<0.005	-	<0.005	1540	1570	111	124	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.5	0.594	<0.2	<0.2	0.26	-	0.25	<0.1	<0.1
28/11/2014	A1	447	-	-	0.533	-	0.513	2090	2070	<0.005	-	<0.005	1370	1410	112	108	-	-	0.0025	<0.002	-	-	<0.2	<0.2	0.52	<0.5	-	-	0.563	0.558	<0.2	<0.2	0.82	-	0.56	<0.1	<0.1
18/12/2014	A1	381	-	-	0.5	-	0.561	2020	2260	<0.005	-	<0.005	1420	1570	112	116	-	-	<0.002	0.003	-	-	<0.2	1.35	<0.5	<0.5	-	-	0.552	0.577	<0.2	<0.2	0.24	-	6.32	<0.1	<0.1
22/01/2015	A1	391	-	-	0.581	-	0.553	2330	2030	<0.005	-	<0.005	1720	1570	127	124	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.572	0.563	<0.2	<0.2	0.42	-	0.17	<0.1	<0.1
27/02/2015	A1	391	-	-	0.627	-	0.562	2510	2210	<0.005	-	<0.005	1910	1920	125	130	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.635	0.57	<0.2	<0.2	0.28	-	0.18	<0.1	<0.1
26/03/2015	A1	441	-	-	0.572	-	0.559	2350	2250	<0.005	-	<0.005	1980	2060	133	144	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.573	0.587	<0.2	<0.2	0.72	-	5.67	<0.1	<0.1
26/03/2015	A1-DUP	440	-	-	0.56	-	0.528	2260	2270	<0.005	-	<0.005	2000	2070	131	135	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.574	0.604	<0.2	<0.2	0.44	-	0.24	<0.1	<0.1
23/04/2015	A1	359	-	-	0.346	-	0.448	2140	1890	0.0071	-	<0.005	1530	1460	106	104	-	-	0.0083	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.506	0.484	0.64	<0.2	2.4	-	0.26	<0.1	<0.1
15/05/2015	A1	360	-	-	0.4		0.444	1630	2160	<0.005		<0.005	1280	1350	104	115	-	-	0.0037	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.531	0.525	<0.2	0.22	1.09		0.3	<0.1	<0.1
21/05/2015	A1	312	-	-	0.331		0.344	1580	1620	<0.005		<0.005	1150	1060	93	87.2	-	-	0.005	0.003	-	-	<0.2	<0.2	1.26	<0.5	-	-	0.416	0.4	0.27	<0.2	1.06		0.24	<0.1	<0.1
28/05/2015	A1	306	-	-	0.353	na	0.291	1880	1640	<0.005	na	<0.005	846	895	85.3	85	-	-	0.008	0.003	-	-	<0.2	0.36	1.55	<0.5	-	-	0.386	0.387	0.34	<0.2	2.14	na	0.3	<0.1	<0.1
04/06/2015	A1	268	-	-	0.254		0.279	2040	1800	0.0116		<0.005	780	806	75.7	74.9	-	-	0.0125	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.388	0.378	0.8	<0.2	3.7		0.49	<0.1	<0.1
11/06/2015	A1	328	-	-	0.402		0.346	1810	1810	<0.005		<0.005	1060	1090	93.4	94.4	-	-	0.0041	<0.002	-	-	<0.2	<0.2	0.82	<0.5	-	-	0.477	0.432	0.26	<0.2	1.08		1.31	<0.1	<0.1
23/07/2015	A1	378	-	-	0.466	-	0.413	1990	2050	<0.005	-	<0.005	1520	1500	111	110	-	-	0.0026	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.585	0.564	0.22	<0.2	0.35	-	0.34	<0.1	<0.1
20/08/2015	A1	431	-	-	0.491		0.469	2350	2450	<0.005		<0.005	1680	1640	123	125	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.572	0.573	<0.2	<0.2	0.34		0.3	<0.1	<0.1
27/08/2015	A1	411	-	-	0.47		0.54	2230	2260	<0.005		<0.005	1570	1580	117	119	-	-	0.003	0.002	-	-	0.29	<0.2	<0.5	<0.5	-	-	0.593	0.579	<0.2	<0.2	0.64		0.53	<0.1	<0.1
03/09/2015	A1	398	-	-	0.397	na	0.444	2180	2340	<0.005	na	<0.005	1660	1550	121	120	-	-	0.004	<0.002	-	-	<0.2	<0.2	2.21	<0.5	-	-	0.563	0.531	0.39	<0.2	1.24	na	0.3	<0.1	<0.1
10/09/2015	A1	424	-	-	0.536		0.544	2510	2460	<0.005		<0.005	1520	1530	124	125	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.544	0.614	<0.2	<0.2	0.38		0.27	<0.1	<0.1
17/09/2015	A1	420	-	-	0.621		0.55	2210	2090	<0.005		<0.005	1500	1440	112	117	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.613	0.622	<0.2	<0.2	0.28		0.32	<0.1	<0.1
12/05/2016	A1	285	-	-	0.408	-	0.382	1980	1670	<0.005	-	<0.005	1000	993	88.7	89.7	-	-	0.002	0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.416	0.405	<0.5	<0.2	1.2	-	0.64	<0.1	<0.1
20/07/2018	A1	371	0.2	<0.2	0.495	-	0.461	2050	1920	<0.01	-	<0.01	1310	1320	105	102	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.518	0.524	<0.5	<0.5	<3	-	<1	<0.06	<0.06
09/11/2018	A1	404	0.21	<0.2	0.585	-	0.611	2290	2170	<0.01	-	<0.01	1660	1700	117	125	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.574	0.586	<0.5	<0.5	<3	-	<1	<0.06	<0.06
04/03/2019	A1	414	0.23	<0.2	0.574	-	0.624	2180	2150	<0.01	-	<0.01	1870	1830	130	125	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.638	0.635	<0.5	<0.5	<3	-	<1	<0.06	<0.06
04/03/2019	A1-DUP	627	0.21	0.4	0.677	-	0.739	2290	2140	<0.01	-	<0.01	2050	2060	134	131	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.632	0.644	<0.5	<0.5	<3	-	4.5	<0.06	<0.06
18/06/2019	A1	313	0.21	<0.2	0.467	-	0.456	1870	1740	<0.01	-	<0.01	1020	1110	87.6	90.6	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	1.49	<0.6	<0.3	<0.1	<0.1	0.472	0.522	<0.5	<0.5	<3	-	1.5	<0.2	<0.2
15/05/2012	A2	318	-	-	0.312	-	0.37	2010	1760	0.007	-	<0.005	743	737	75.8	74.3	-	-	0.012	0.002	-	-	<0.2	<0.2	1.77	<0.5	-	-	0.342	0.305	0.46	<0.2	3.95	-	1.68	<0.1	<0.1
18/06/2012	A2	250	-	-	0.266	-	0.283	1790	1690	0.0105	-	<0.005	522	531	61	57.8	-	-	0.0095	0.0033	-	-	<0.2	<0.2	1.9	<0.5	-	-	0.313	0.261	0.46	<0.2	4.94	-	1.29	<0.1	<0.1
24/07/2012	A2	298	-	-	0.387	-	0.434	1660	1730	<0.005	-	<0.005	697	690	76.4	77.8	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	0.53	-	-	0.434	0.41	0.22	<0.2	1.79	-	9.34	<0.1	<0.1
25/08/2012	A2	309	-	-	0.555	-	0.508	1940	1990	<0.005	-	<0.005	867	851	86.1	84.9	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.522	0.504	<0.2	<0.2	0.53	-	0.48	<0.1	<0.1
17/09/2012	A2	330	-	-	0.507	-	0.61	1990	1950	<0.005	-	<0.005	887	884	80.9	92.6	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.499	0.52	<0.2	<0.2	0.52	-	0.37	<0.1	<0.1
24/10/2012	A2	324	-	-	0.67	-	0.515	1910	1970	<0.005	-	<0.005	838	843	90.4	91.2	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.546	0.553	<0.2	<0.2	0.44	-	0.56	<0.1	<0.1
24/10/2012	A2-DUP	319	-	-	0.568	-	0.596	1930	1920	<0.005	-	<0.005	844	848	91	89.6	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.559	0.541	<0.2	<0.2	0.41	-	0.44	<0.1	<0.1
24/11/2012	A2	336	-	-	0.67	-	0.618	2050	2060	<0.005	-	<0.005	931	941	90.5	88.5	-	-	0.003	<0.002	-	-	0.24	0.55	0.51	<0.5	-	-	0.517	0.514	<0.2	<0.2	3.68	-	3.1	<0.1	<0.1
15/12/2012	A2	327	-	-	0.564	-	0.549	2070	2040	<0.005	-	<0.005	970	998	93.5	92.6	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.563	0.557	<0.2	<0.2	0.6	-	0.43	<0.1	<0.1
25/01/2013	A2	317	-	-	0.542	-	0.449	1950	1880	<0.005	-	<0.005	935	1020	94.1	85.2	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.532	0.513	<0.2	<0.2	0.44	-	0.25	<0.1	<0.1
20/02/2013	A2	297	-	-	0.659	-	0.65	1880	1850	<0.005	-	<0.005	1010	996	98.8	94.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.549	0.522	<0.2	<0.2	0.24	-	0.13	<0.1	<0.1
20/03/2013	A2	336	-	-	0.558	-	0.616	1960	1800	<0.005	-	<0.005	1060	1030	92.3	98	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.535	0.536	<0.2	<0.2	0.35	-	0.18	<0.1	<0.1
17/04/2013	A2	342	-	-	0.563	-	0.541	1740	1660	<0.005	-	<0.005	990	1020	96	99.5	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.557	0.568	<0.2	<0.2	0.34	-	0.28	<0.1	<0.1
23/05/2013	A2	293	-	-	0.303	-	0.227	1700	1630	0.006	-	<0.005	574	570	60.7	60.8	-	-	0.014	<0.002	-	-	0.23	<0.2	1.12	<0.5	-	-	0.341	0.291	0.72	<0.2	5.38	-	0.31	0.11	<0.1
20/06/2013	A2	535	-	-	0.263	-	0.249	3450	1550	<0.005	-	<0.005	489	456	90	50.1	-	-	0.053	0.002	-	-	<0.2	<0.2	3.18	0.64	-	-	0.765	0.215	5.22	0.65	36.4	-	0.86	0.48	0.16
17/07/2013	A2	296	-	-	0.52	-	0.481	1960	1610	<0.005	-	<0.005	767	772	74.9	79.2	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.449	0.462	0.25	<0.2	0.63	-	0.5	<0.1	<0.1
26/08/2013	A2	374	-	-	0.539	-	0.543	2050	2020	<0.005	-	<0.005	929	978	88.2	88.4	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.506	0.54	<0.2	<0.2	0.64	-	2	<0.1	<0.1
25/09/2013	A2	352	-	-	0.566	-	0.626	1890	2000	<0.005	-	<0.005	897	918	90.9	82.4	-	-	<0.002	0.002	-	-	0.28	<0.2	<0.5	<0.5	-	-	0.466	0.499	<0.2	<0.2	0.48	-	0.58	<0.1	<0.1
24/10/2013	A2	341	-	-	0.589	-	0.653	1910	1840	<0.005	-	<0.005	908	926	91.4	92.1	-	-	<0.002	<0.002	-	-	<0.2	0.2	<0.5	<0.5	-	-	0.526	0.558	<0.2	<0.2	0.36	-	0.48	<0.1	<0.1
20/11/2013	A2	337	-	-	0.565	-	0.64	1680	2030	<0.005	-	<0.005	1030	1060	90.3	99.5	-	-	0.004	<0.002	-	-	<0.2	<0.2	0.68	<0.5	-	-	0.525	0.559	0.22	<0.2	2.21	-	0.92	<0.1	<0.1
22/12/2013	A2	293	-	-	0.583	-	0.613	1920	2040	<0.005	-	<0.005	979	933	95.2	89.6	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.52	0.511	<0.2	<0.2	1.03	-	<0.1	<0.1	<0.1
28/01/2014	A2	314	-	-	0.628	-	0.599	2170	2170	<0.005	-	<0.005	963	1010	94	93.1	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.503	0.515	<0.2	<0.2	0.32	-	1.03	<0.1	<0.1
26/02/2014	A2	327	-	-	0.58	-	0.614	1910	1970	<0.005	-	<0.005	1130	1090	100	97	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.502	0.487	<0.2	<0.2	0.18	-	0.36	<0.1	<0.1
27/03/2014	A2	323	-	-	0.601	-	0.664	1890	1990	<0.005	-	<0.005	1040	1080	92.7	101	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.509	0.521	<0.2	<0.2	0.24	-	0.25	<0.1	<0.1
24/04/2014	A2	339	-	-	0.628	-	0.665	2090	2240	<0.005	-	<0.005	1000	1030	96.2	97.8	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.537	0.536	<0.2	<0.2	0.29	-	0.16	<0.1	<0.1
15/05/2014	A2	318	-	-	0.544		0.56	2010	1940	<0.005		<0.005	1050	1010	92.7	101	-	-	0.007	0.002	-	-	<0.2	<0.2	1.34	<0.5	-	-	0.499	0.48	0.54	<0.2	3.2		1.23	<0.1	<0.1
22/05/2014	A2	321	-	-	0.334		0.297	2010	1700	0.005		<0.005	708	697	75.6	70.3	-	-	0.014	<0.002	-	-	<0.2	<0.2	2.62	<0.5	-	-	0.391	0.327	0.79	<0.2	5.55		0.25	<0.1	<0.1
29/05/2014	A2	287	-	-	0.324	na	0.325	1810	1690	<0.005	na	<0.005	658	637	66.4	66.8	-	-	0.006	<0.002	-	-	<0.2	<0.2	1.24	<0.5	-	-	0.337	0.31	0.38	<0.2	2	na	0.29	<0.1	<0.1
05/06/2014	A2	267	-	-	0.313		0.329	1910	2020	<0.005		<0.005	621	624	63.9	61.6	-	-	0.005	<0.002	-	-	<0.2	<0.2	2.11	<0.5	-	-	0.315	0.3	0.38	<0.2	1.51		0.39	<0.1	<0.1
05/06/2014	A2-DUP	243	-	-	0.298		0.311	2000	1700	<0.005		<0.005	653	617	64	64.5	-	-	0.005	<0.002	-	-	<0.2	<0.2	1.81	<0.5	-	-	0.311	0.299	0.38	<0.2	1.7		0.59	0.12	<0.1
12/06/2014	A2	279	-	-	0.333		0.295	1890	1760	<0.005		<0.005	635	622	68.4	67.8	-	-	0.004	0.005	-	-	<0.2	<0.2	1.76	<0.5	-	-	0.339	0.324	0.29	<0.2	1.36		0.43	<0.1	<0.1
24/07/2014	A2	326	-	-	0.42	-	0.432	1830	1940	<0.005	-	0.01	1000	913	87.7	83.5	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.492	0.491	<0.2	<0.2	3.9	-	0.58	<0.1	<0.1
21/08/2014	A2	326	-	-	0.477		0.478	1990	2000	<0.005		<0.005	921	903	91.1	89.7	-	-	0.003	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.485	0.538	<0.2	<0.2	2.09		0.55	<0.1	<0.1
28/08/2014	A2	315	-	-	0.508		0.535	1940	1960	0.009		0.014	806	821	91.8	93.7	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.502	0.503	<0.2	<0.2	0.71		0.61	<0.1	<0.1
05/09/2014	A2	317	-	-	0.543	na	0.553	2090	1960	<0.005	na	<0.005	799	792	84.3	89.2	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.496	0.521	<0.2	<0.2	0.82	na	0.3	<0.1	<0.1
12/09/2014	A2	326	-	-	0.579		0.572	2190	2140	<0.005		<0.005	886	905	85.8	83.8	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.504	0.521	<0.2	0.21	0.39		0.28	<0.1	<0.1
18/09/2014	A2	323	-	-	0.538		0.588	1800	1940	<0.005		<0.005	765	786	86	84.1	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.527	0.517	<0.2	<0.2	0.4		0.32	<0.1	<0.1
30/10/2014	A2	336	-	-	0.547	-	0.563	1660	1950	<0.005	-	<0.005	853	860	85.9	95.9	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.487	0.562	<0.2	<0.2	0.39	-	0.27	<0.1	<0.1
27/11/2014	A2	359	-	-	0.537	-	0.573	1890	1840	<0.005	-	<0.005	855	866	90.9	90.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.555	0.57	<0.2	<0.2	0.37	-	0.3	<0.1	<0.1
18/12/2014	A2	315	-	-	0.507	-	0.554	1820	2120	<0.005	-	<0.005	814	900	87.7	96.7	-	-	<0.002	<0.002	-	-	<0.2	0.24	<0.5	<0.5	-	-	0.517	0.537	<0.2	<0.2	0.45	-	0.45	<0.1	<0.1
18/12/2014	A2-DUP	302	-	-	0.489	-	0.542	1770	1940	<0.005	-	<0.005	820	945	87.1	93.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.518	0.543	<0.2	<0.2	0.35	-	0.43	<0.1	<0.1
22/01/2015	A2	308	-	-	0.59	-	0.545	2030	1890	<0.005	-	<0.005	1030	977	94.8	98.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.538	0.52	<0.2	<0.2	0.25	-	0.38	<0.1	<0.1
27/02/2015	A2	297	-	-	0.575	-	0.521	2090	1880	<0.005	-	<0.005	1050	970	90.2	93.5	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.581	0.54	<0.2	<0.2	0.27	-	0.37	<0.1	<0.1
26/03/2015	A2	324	-	-	0.527	-	0.52	1930	1930	<0.005	-	<0.005	1020	1060	95.4	97.1	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.54	0.571	<0.2	<0.2	0.46	-	0.26	<0.1	<0.1
23/04/2015	A2	306	-	-	0.306	-	0.447	1820	1760	0.0082	-	<0.005	860	889	81	85.7	-	-	0.0069	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.443	0.445	0.57	<0.2	2.2	-	0.25	<0.1	<0.1
15/05/2015	A2	300	-	-	0.387		0.415	1550	1870	<0.005		<0.005	948	983	88.8	95.4	-	-	0.0034	0.0022	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.494	0.483	<0.2	<0.2	0.61		1.27	<0.1	<0.1
21/05/2015	A2	250	-	-	0.327		0.278	1460	1410	<0.005		<0.005	798	675	76.3	68.5	-	-	0.006	0.003	-	-	<0.2	<0.2	1.02	<0.5	-	-	0.391	0.356	0.27	<0.2	1.07		0.22	<0.1	<0.1
21/05/2015	A2-DUP	292	-	-	0.307	na	0.354	1380	1590	<0.005	na	<0.005	814	793	78.5	74	-	-	0.007	0.003	-	-	<0.2	<0.2	1.15	<0.5	-	-	0.412	0.38	0.26	<0.2	1.14	na	6.68	<0.1	<0.1
28/05/2015	A2	282	-	-	0.249		0.279	1830	1520	<0.005		<0.005	586	624	67.9	65.3	-	-	0.008	0.003	-	-	<0.2	<0.2	1.15	<0.5	-	-	0.354	0.342	0.38	<0.2	2.02		0.68	<0.1	<0.1
04/06/2015	A2	256	-	-	0.247		0.267	1900	1650	0.0066		<0.005	570	598	64.1	64	-	-	0.0116	0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.381	0.337	0.65	<0.2	2.9		1.36	<0.1	<0.1
11/06/2015	A2	245	-	-	0.347		0.316	1690	1580	<0.005		<0.005	693	638	74.1	66.8	-	-	0.0042	<0.002	-	-	<0.2	<0.2	1.16	<0.5	-	-	0.442	0.419	0.3	<0.2	1.14		0.3	<0.1	<0.1
23/07/2015	A2	285	-	-	0.441	-	0.412	1760	1720	<0.005	-	<0.005	858	811	89.8	82.3	-	-	0.0023	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.558	0.517	<0.2	<0.2	0.39	-	0.33	<0.1	<0.1
20/08/2015	A2	330	-	-	0.493		0.482	2020	2150	<0.005		<0.005	901	902	93.2	97	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.532	0.541	<0.2	<0.2	0.41		0.58	<0.1	<0.1
27/08/2015	A2	316	-	-	0.471		0.543	1890	2010	<0.005		<0.005	830	854	88.8	93.6	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.656	0.555	<0.2	<0.2	0.41		0.74	<0.1	<0.1
03/09/2015	A2	321	-	-	0.499	na	0.516	1830	2110	<0.005	na	<0.005	892	873	92	97.9	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.552	0.521	<0.2	<0.2	0.56	na	0.92	<0.1	<0.1
10/09/2015	A2	328	-	-	0.583		0.602	2010	2110	<0.005		<0.005	837	845	95.8	97.2	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.599	0.616	<0.2	<0.2	0.74		0.39	<0.1	<0.1
17/09/2015	A2	329	-	-	0.629		0.566	2010	1950	<0.005		<0.005	889	823	92.6	93.1	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.599	0.58	0.2	<0.2	0.39		0.35	<0.1	<0.1
12/05/2016	A2	284	-	-	0.371	-	0.401	1770	1630	<0.005	-	<0.005	780	807	78.1	79.4	-	-	0.003	0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.387	0.408	<0.5	<0.2	1.2	-	0.41	<0.1	<0.1
20/07/2018	A2	314	<0.2	<0.2	0.54	-	0.538	1900	1670	<0.01	-	<0.01	830	830	86.9	84.1	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.505	0.53	<0.5	<0.5	<3	-	<1	<0.06	<0.06
09/11/2018	A2	348	<0.2	<0.2	0.573	-	0.53	2050	1940	<0.01	-	<0.01	979	1010	97.4	102	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.551	0.543	<0.5	<0.5	<3	-	<1	<0.06	<0.06
05/03/2019	A2	312	<0.2	<0.2	0.574	-	0.669	2050	1910	<0.01	-	<0.01	1150	1010	99.8	99.3	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.563	0.542	<0.5	<0.5	<3	-	<1	<0.06	<0.06
17/06/2019	A2	281	<0.2	<0.2	0.438	-	0.411	1660	1590	<0.01	-	<0.01	708	747	71.2	79.4	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.34	<0.3	<0.1	<0.1	0.417	0.479	<0.5	<0.5	<3	-	<1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Sample Date	Sample ID	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Long Term Average (Chronic) - Freshwater				6#11		3#12	4#13	0.1#11	0.01#11							4#14	12#11		1	0.3#11	0.02#15				
14/05/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/06/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/07/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/11/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/01/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/01/2013	A1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/02/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/11/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	A1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.056	<0.02	<0.5	<0.5	<0.05	<0.5
28/01/2014	A1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.082	<0.02	<0.5	<0.5	<0.05	<0.5
27/02/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/03/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/11/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/02/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/06/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	A1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	A1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	A1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
04/03/2019	A1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
04/03/2019	A1-DUP	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
18/06/2019	A1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
15/05/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/06/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A2-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/02/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/11/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.054	<0.02	<0.5	<0.5	<0.05	<0.5
26/02/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/03/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	A2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/02/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A2-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/06/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	A2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	A2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	A2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	A2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	A2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Copper (Filtered) Averaged	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.1	0.005	0.005	0.05	0.05		1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10
BC WQG Approved Long Term Average (Chronic) - Freshwater						4			Variable				Variable[#4]						Variable[#4]				1000				
A3	16/05/2012	A3	B240844	0.36	<0.1	0.596	0.034	1.3	0.275	-	426	12.8	0.939	0.01	3.54	3.21	7170	7050	40	0.802	<0.01	<0.01	0.256	0.351	1.46	0.283	484
	18/06/2012	A3	B252527	0.25	0.13	0.539	0.0187	0.997	0.531	-	344	13.9	0.986	0.036	3.49	3.28	6690	6500	40.9	0.393	<0.01	<0.01	0.301	0.333	1.08	0.285	421
	24/07/2012	A3	B265706	0.18	0.35	0.038	0.014	0.251	0.235	-	44	5.8	0.191	0.238	5.72	5.32	9050	8840	1.69	0.341	<0.01	<0.01	0.51	0.547	0.282	0.281	480
	25/08/2012	A3	B276408	<0.1	0.11	0.012	0.01	0.179	0.194	-	9.8	2.9	0.02	<0.005	7.88	7.67	10,700	11,000	0.59	0.208	<0.01	<0.01	0.605	0.583	0.153	0.149	518
	17/09/2012	A3	B283851	<0.1	0.15	0.005	0.007	<0.05	0.164	-	2.4	5.2	0.006	0.01	9.52	9.39	10,900	11,800	0.354	0.256	<0.01	<0.01	0.602	0.656	0.136	0.119	540
	24/10/2012	A3	B297129	<0.1	<0.1	0.014	0.012	0.081	0.068	-	6.1	2.1	0.23	0.006	8.51	8.47	11,100	11,000	0.546	1.71	<0.01	0.01	0.618	0.553	0.159	0.148	504
	24/11/2012	A3	B2A7294	<0.1	0.14	0.012	0.01	0.28	0.281	-	7	3	0.015	0.014	7.78	7.48	10,300	10,400	0.433	0.208	<0.01	<0.01	0.532	0.578	0.117	0.141	492
	15/12/2012	A3	B2B4014	<0.1	<0.1	0.012	0.009	0.153	0.172	-	6.8	2.1	0.012	0.005	8.48	8.55	11,900	11,500	0.455	0.175	<0.01	<0.01	0.601	0.625	0.153	0.158	512
	25/01/2013	A3	B306701	<0.1	0.13	0.011	0.006	0.175	0.177	-	7.3	1.7	0.034	0.013	8.96	8.95	10,900	11,300	0.582	0.192	<0.01	<0.01	0.65	0.652	0.183	0.13	516
	17/04/2013	A3	B330896	<0.1	0.1	0.017	0.011	0.244	0.166	-	36.4	1.9	0.024	<0.005	9.54	9.9	11,100	11,400	0.946	0.187	<0.01	<0.01	0.594	0.657	0.233	0.154	523
	23/05/2013	A3	B341817	0.26	0.11	0.347	0.016	0.756	0.341	-	293	10.9	0.577	0.013	3.52	3.29	6950	6580	23.7	0.395	<0.01	<0.01	0.264	0.36	1.05	0.308	416
	23/05/2013	A3-DUP	B341817	0.24	0.11	0.399	0.023	0.85	-	-	285	11.9	0.658	0.011	3.72	3.63	6910	6490	29	0.444	<0.01	<0.01	0.318	0.38	1.04	0.398	422
	20/06/2013	A3	B351922	4.35	<0.1	19.4	0.064	23.9	0.475	-	9720	71.4	24.8	0.063	12.8	2.01	12,500	4430	1350	2.5	<0.05	<0.01	<0.25	0.275	35.1	0.474	1360
	17/07/2013	A3	B361290	<0.1	0.1	0.014	0.019	0.218	0.204	-	2.7	11.4	0.042	0.023	6.81	6.89	9430	9250	0.207	0.913	<0.01	<0.01	0.547	0.589	0.254	0.199	477
	17/07/2013	A3-DUP	B361290	<0.1	<0.1	0.017	0.013	0.235	-	-	9.2	2.1	0.019	0.011	6.5	6.88	8940	9030	0.817	0.265	<0.01	<0.01	0.56	0.566	0.155	0.176	450
	26/08/2013	A3	B376191	<0.1	<0.1	0.02	0.015	0.299	0.374	-	9.3	2.5	0.027	0.009	8.7	8.94	11,100	11,500	0.882	0.328	<0.01	<0.01	0.628	0.623	0.22	0.203	548
	25/09/2013	A3	B387669	<0.1	<0.1	0.02	0.013	0.169	0.228	-	14.7	4.5	0.025	0.406	9.01	8.73	11,100	10,900	1.14	0.398	<0.01	<0.01	0.564	0.619	0.182	0.224	605
	24/10/2013	A3	B399472	<0.1	0.11	0.013	0.016	0.14	0.184	-	5.1	2.2	0.008	0.012	7.87	7.57	10,800	10,900	0.42	0.309	<0.002	0.0027	0.602	0.574	0.195	0.204	514
	21/11/2013	A3	B3A8725	<0.1	0.11	0.021	0.009	0.153	0.136	-	7.8	<1	0.025	0.011	7.98	9.04	12,900	12,500	0.928	0.074	<0.01	<0.002	0.641	0.729	0.207	0.118	578
	28/01/2014	A3	B407313	<0.1	<0.1	0.005	0.005	0.203	0.118	-	3.5	1.2	0.009	0.005	8.24	8.09	11,100	11,100	0.24	0.095	<0.002	<0.002	0.655	0.668	0.139	0.106	499
	24/04/2014	A3	B432952	0.12	<0.1	0.018	0.011	0.218	0.146	-	12.3	2.6	0.013	<0.005	8.9	8.7	10,600	10,500	0.676	0.203	<0.002	<0.002	0.675	0.547	0.262	0.19	505
	15/05/2014	A3	B439804	0.17	0.11	0.157	0.021	0.644	0.291		171	6.3	0.228	0.005	6.71	5.69	8800	8470	7.96	0.406	<0.002	<0.002	0.385	0.436	0.644	0.296	482
	22/05/2014	A3	B442060	0.49	0.11	0.876	0.023	1.99	0.335		872	16.5	1.56	0.017	4.45	3.62	7710	7180	62.9	0.676	<0.002	0.0024	0.26	0.386	1.89	0.341	500
	29/05/2014	A3	B444272	0.46	0.48	0.248	0.018	0.656	5.01	1.23	279	18.9	0.505	0.035	3.61	3.47	7420	7240	18.2	0.473	<0.002	<0.002	0.288	0.352	0.764	0.275	421
	05/06/2014	A3	B446972	2.01	0.14	0.265	0.033	0.653	0.266		187	141	0.453	0.353	3.81	3.29	7360	6180	22.7	1.78	<0.002	<0.002	0.273	0.358	0.704	0.41	428
	12/06/2014	A3	B449500	0.25	0.17	0.232	0.016	0.576	0.251		336	7.4	0.396	0.008	3.74	3.65	7340	7100	17.6	0.279	<0.002	0.002	0.404	0.417	0.773	0.257	429
A3 (B)	27/02/2015	A3 (B)	B516449	0.25	0.23	0.0069	0.007	0.109	0.102	-	4.2	<1	0.0052	0.006	2.74	2.46	11,500	11,800	0.229	0.259	<0.002	<0.002	0.536	0.567	0.081	0.059	278
	24/07/2014	A3(B)	B464009	0.21	0.26	0.014	0.011	0.107	0.146	-	14.8	2	0.021	0.012	2.41	2.3	11,100	10,600	0.662	0.244	0.0023	0.0027	0.556	0.6	0.199	0.15	330
	21/08/2014	A3(B)	B474408	0.26	0.26	0.026	0.007	0.131	0.571		13.1	1.2	0.018	<0.005	2.22	2.26	10,500	11,100	0.942	0.269	0.0022	0.0033	0.57	0.552	0.131	0.147	296
	28/08/2014	A3(B)	B476541	0.22	0.2	0.014	0.009	0.128	0.112		12	9.5	0.013	0.024	2.21	2.36	10,600	10,800	0.496	0.238	0.0025	0.0027	0.56	0.53	0.162	0.119	299
	05/09/2014	A3(B)	B479164	0.21	0.26	0.014	0.01	0.115	0.144	0.11	7.6	1.9	0.011	<0.005	2	2.12	9920	9970	0.544	0.224	0.0043	<0.002	0.572	0.566	0.157	0.121	281
	12/09/2014	A3(B)	B481292	0.22	0.2	0.01	0.009	0.158	0.132		6.5	<1	0.01	<0.005	2.16	2.17	11,800	11,600	0.405	0.159	0.0051	0.0029	0.564	0.584	0.125	0.118	318
	18/09/2014	A3(B)	B483962	0.22	0.15	0.012	0.006	0.105	0.107		6	1.3	0.008	<0.005	2.05	1.92	10,600	10,400	0.42	0.159	<0.002	0.0059	0.61	0.553	0.12	0.107	294
	30/10/2014	A3(B)	B499587	0.22	0.28	0.008	0.006	0.102	0.14	-	3.5	1.1	0.009	<0.005	2.06	2.14	10,900	11,400	0.347	0.163	<0.002	<0.002	0.569	0.583	0.096	0.536	300
	27/11/2014	A3(B)	B4A9093	0.14	0.15	0.009	0.0236	0.38	0.263	-	6.2	2	0.0137	0.0156	2.52	2.76	11,400	11,000	0.369	0.209	<0.002	<0.002	0.588	0.566	0.339	0.268	344
	18/12/2014	A3(B)	B4B5326	0.21	0.27	0.0062	0.005	0.11	0.079	-	3.7	1.5	0.0068	0.018	2.4	2.16	9940	11,500	0.188	0.084	<0.002	<0.002	0.51	0.623	0.174	0.143	259
	22/01/2015	A3(B)	B505986	0.24	0.27	0.005	0.005	0.079	0.098	-	2	<1	<0.005	<0.005	2.39	2.36	12,200	12,200	0.122	<0.05	<0.002	<0.002	0.532	0.572	0.095	0.07	310
	27/02/2015	A3(B)-DUP	B516449	0.23	0.23	0.01	0.006	0.093	-	-	3.1	<1	0.009	<0.005	2.6	2.28	11,500	11,900	0.213	0.097	<0.002	<0.002	0.51	0.552	0.058	0.075	278
	26/03/2015	A3(B)	B525184	0.22	0.22	0.0084	0.0081	6.23	0.114	-	5.9	2	0.0067	<0.005	2.32	2.58	11,200	11,400	0.287	0.09	<0.002	<0.002	0.507	0.509	0.088	0.08	302
	23/04/2015	A3(B)	B533584	<0.5	0.2	0.081	0.0135	0.56	0.131	-	146	3.8	0.119	<0.005	2.36	1.83	9500	9310	4.5	0.337	<0.002	<0.002	0.425	0.428	0.41	0.191	340
	15/05/2015	A3(B)	B540628	0.26	0.29	0.0326	0.0388	0.166	0.44		51.9	16.1	0.0426	0.0258	1.87	2.53	10,200	10,900	1.24	2.41	<0.002	<0.002	0.472	0.531	0.24	0.386	288
	15/05/2015	A3(B)-DUP	B540628	0.25	0.21	0.0298	0.0099	0.335	-		36.8	1.2	0.0386	<0.005	1.78	1.99	10,400	11,300	1.24	0.12	<0.002	<0.002	0.502	0.471	0.316	0.16	302
	21/05/2015	A3(B)	B542667	0.25	0.22	0.113	0.013	0.189	0.139	na	89.1	2.1	0.064	<0.005	2.08	1.96	9420	9130	3.55	0.149	<0.002	<0.002	0.388	0.379	0.263	0.177	289
	28/05/2015	A3(B)	B545872	0.28	0.23	0.081	0.012	0.241	0.128		127	2.7	0.125	0.005	1.66	1.32	8340	8370	4.76	0.191	<0.002	0.0024	0.302	0.337	0.369	0.263	273
	05/06/2015	A3(B)	B547761	<0.5	0.19	0.07	0.0129	0.49	0.136		106	5	0.119	0.0055	1.14	1.4	8700	8450	4.4	0.324	<0.002	<0.002	0.356	0.321	0.51	0.246	280
	11/06/2015	A3(B)	B549906	0.26	0.19	0.0317	0.0081	0.157	0.109		57.5	1.5	0.0566	<0.005	1.6	1.66	9020	8660	1.87	0.188	<0.002	<0.002	0.435	0.474	0.374	0.258	277
	23/07/2015	A3(B)	B563471	0.24	0.26	0.0096	0.0057	0.069	0.05	-	13.3	1.1	0.0088	<0.005	2.28	1.99	10,200	10,600	0.374	0.177	<0.002	<0.002	0.546	0.545	0.099	0.107	283
	20/08/2015	A3(B)	B572515	0.25	0.23	0.009	0.008	0.124	0.109		16.8	<1	0.011	<0.005	2.88	2.84	11,100	11,400	0.7	0.294	<0.002	<0.002	0.562	0.551	0.097	0.076	324
	27/08/2015	A3(B)	B575103	0.25	0.24	0.009	0.008	0.149	0.089		8.4	<1	0.007	<0.005	2.31	2.13	10,600	11,200	0.528	0.313	<0.002	<0.002	0.583	0.573	0.109	0.081	288
	03/09/2015	A3(B)	B577658	0.24	0.25	0.011	0.007	<0.05	0.079	na	7.1	1.6	0.005	<0.005	2.48	2.49	11,000	11,400	0.471	0.333	<0.002	<0.002	0.564	0.548	0.184	0.153	291
	10/09/2015	A3(B)	B579637	0.45	0.24	0.013	0.008	0.067	0.067		9.9	<1	0.007	<0.005	2.45	2.28	11,200	11,100	0.47	0.216	<0.002	<0.002	0.618	0.625	0.24	0.096	309
	17/09/2015	A3(B)	B582068	0.24	0.24	0.01	0.006	0.074	0.098		5	2	0.008	<0.005	2.71	2.34	11,300	11,200	0.348	0.154	<0.002	<0.002	0.591	0.593	0.078	0.068	315
	12/05/2016	A3(B)	B637198	<0.5	0.23	0.029	0.01	0.54	0.127	-	37	2	<0.05	<0.005	2.49	2.05	8880	9110	1.61	0.162	<0.002	<0.002	0.404	0.406	0.19	0.133	290
	20/07/2018	A3(B)	L2133661	1.8	0.22	<0.1	<0.1	<0.5	0.2	-	13	<10	<0.05	<0.05	2.4	2.3	11,500	10,000	0.52	0.17	<0.005	<0.005	0.574	0.538	0.89	<0.5	293
	09/11/2018	A3(B)	L2195291	0.27	0.24	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	2.5	2.5	11,600	12,600	0.27	0.16	<0.005	<0.005	0.585	0.611	<0.5	<0.5	297
	05/03/2019	A3(B)	L2240838	0.25	0.25	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	2.4	2.4	10,400	10,500	0.17	<0.1	<0.005	<0.005	0.49	0.462	<0.5	<0.5	265
	17/06/2019	A3(B)	L2295044	0.23	0.21	<0.1	<0.1	<0.5	0.2	-	24	<10	<0.05	<0.05	2.1	2.2	9700	9260	0.6	0.12	<0.005	<0.005	0.457	0.477	<0.5	<0.5	257
A4	16/05/2012	A4	B240844	0.31	0.16	0.124	0.015	0.485	0.212	-	116	2.5	0.203	<0.005	0.82	0.85	8080	7480	9.73	0.244	<0.01	<0.01	0.22	0.224	0.659	0.206	267
	18/06/2012	A4	B252527	0.22	0.2	0.0568	0.0158	0.351	0.264	-	45.6	3.1	0.0911	0.0059	0.53	0.51	6620	6660	3.94	0.111	<0.01	<0.01	0.185	0.185	0.255	0.16	206
	24/07/2012	A4	B265706	0.29	0.23	0.021	0.009	0.758	0.122	-	17.6	2.2	0.627	0.066	0.94	0.91	8410	8250	0.633	0.107	<0.01	<0.01	0.543	0.526	0.325	0.179	279
	25/08/2012	A4	B276408	0.27	0.27	0.005	<0.005	0.143	0.109	-	6.8	3.1	0.007	<0.005	1.29	1.27	10,300	10,500	0.239	0.078	<0.01	<0.01	0.688	0.717	0.185	0.147	240
	17/09/2012	A4	B283851	0.2	0.27	0.006	0.005	0.485	0.684	-	1.5	1.8	<0.005	0.006	1.81	1.53	10,900	11,600	0.124	0.078	<0.01	<0.01	0.701	0.761	0.158	0.177	279
	24/10/2012	A4	B297129	0.17	0.17	0.007	0.006	<0.05	0.05	-	2.7	1.4	0.025	<0.005	1.48	1.4	11,000	11,000	0.25	0.057	<0.01	<0.01	0.808	0.712	0.201	0.218	239
	24/11/2012	A4	B2A7294	0.26	0.24	0.007	0.005	0.236	0.165	-	7	1.2	0.018	0.007	1.46	1.65	11,200	11,100	0.295	0.09	<0.01	<0.01	0.725	0.736	0.244	0.217	258
	15/12/2012	A4	B2B4014	0.23	0.24	0.008	0.005	1.61	0.365	-	2.8	2.3	0.007	0.008	1.49	1.52	12,100	12,500	0.132	0.105	<0.01	<0.01	0.836	0.818	0.159	0.185	242
	24/01/2013	A4	B306701	0.18	0.25	0.005	0.005	<0.05	0.068	-	<1	1.1	<0.005	0.014	1.64	1.37	11,900	12,700	0.097	0.05	<0.01	<0.01	0.908	0.879	0.175	0.18	261
	20/02/2013	A4	B314188	0.24	<0.1	0.019	0.007	0.167	0.379	-	22.7	<1	0.038	0.007	1.73	1.52	12,700	12,600	1.24	0.06	<0.01	<0.01	0.891	0.922	0.201	0.137	243
	20/03/2013	A4	B322778	0.26	0.25	0.01	0.008	0.106	0.089	-	3	1.2	0.01	0.005	1.8	1.91	13,000	12,600	0.099	0.074	<0.01	<0.01	0.907	0.92	0.135	0.145	272
	17/04/2013	A4	B330896	0.25	0.27	0.005	0.006	0.188	0.131	-	2.5	<1	0.006	<0.005	1.87	1.87	11,900	13,000	0.093	0.059	<0.01	<0.01	0.867	0.797	0.236	0.203	259
	23/05/2013	A4	B341817	0.36	0.22	0.146	0.016	0.52	0.199	-	146	6.2	0.248	0.007	0.66	0.52	7390	6790	13.1	0.26	<0.01	<0.01	0.169	0.213	0.705	0.284	256
	20/06/2013	A4	B351922	4.19	<0.1	7.19	0.026	13.1	0.296	-	4860	27.1	11.1	0.047	4.39	<0.5	26,400	5240	665	1.32	<0.01	<0.01	0.128	0.203	18.5	0.32	776
	17/07/2013	A4	B361290	0.19	0.18	0.011	0.008	0.132	0.102	-	5.1	2.5	0.008	0.007	1.06	1.07	8440	8470	0.301	0.1	<0.01	<0.01	0.6	0.622	0.217	0.211	205
	26/08/2013	A4	B376191	0.2	0.2	0.012	0.006	0.17	0.126	-	2.8	1.5	0.007	<0.005	1.43	1.31	11,000	10,700	0.271	0.084	<0.01	<0.01	0.779	0.708	0.211	0.246	239
	26/09/2013	A4	B388572	0.26	0.21	0.016	0.007	0.123	0.118	-	2	<1	0.026	0.013	1.33	1.12	10,600	10,200	0.084	<0.05	<0.01	<0.01	0.824	0.857	0.191	0.243	247
	24/10/2013	A4	B399472	0.2	0.25	0.007	0.009	0.065	0.082	-	1.6	<1	<0.005	0.01	1.13	1.19	10,600	10,700	0.103	<0.05	<0.002	<0.002	0.721	0.713	0.214	0.228	243
	21/11/2013	A4	B3A8725	0.2	0.27	<0.005	0.005	0.085	0.243	-	1.6	<1	0.017	<0.005	1.13	1.35	11,900	11,800	0.092	0.067	<0.01	<0.002	0.755	0.866	0.214	0.208	257
	21/11/2013	A4-DUP	B3A8725	0.26	0.27	0.009	0.008	0.081	-	-	2.5	<1	0.019	<0.005	1.42	1.54	12,200	11,800	0.182	0.054	<0.01	<0.002	0.805	0.856	0.258	0.189	287
	22/12/2013	A4	B3B7782	0.24	0.24	0.007	0.007	0.072	0.077	-	2.8	<1	<0.005	<0.005	1.57	1.42	11,800	10,900	0.105	<0.05	<0.002	<0.002	0.917	0.883	0.193	0.15	235
	28/01/2014	A4	B407313	0.11	<0.1	0.006	<0.005	0.169	0.129	-	5.6	4.6	0.008	0.006	2.14	2.04	11,600	11,300	0.55	0.382	<0.002	<0.002	0.806	0.782	0.199	0.118	264
	26/02/2014	A4	B416171	0.23	0.23	0.009	0.006	0.573	1.25	-	4.1	<1	0.005	<0.005	1.6	1.59	12,800	12,600	0.245	<0.05	<0.002	<0.002	0.929	0.861	0.189	0.185	239
	27/03/2014	A4	B424928	0.26	0.21	<0.005	0.005	0.06	0.092	-	1.6	<1	<0.005	<0.005	1.61	1.8	13,100	12,600	0.103	<0.05	<0.002	<0.002	0.939	0.919	0.201	0.209	254
	24/04/2014	A4	B432952	0.24	0.2	0.009	0.01	0.116	0.124	-	3.4	1.4	0.005	<0.005	2.14	2.09	12,200	12,600	0.187	0.056	<0.002	<0.002	0.875	0.856	0.209	0.185	269
	15/05/2014	A4	B439804	0.36	0.25	0.038	0.014	0.428	0.252		42	2.7	0.051	<0.005	1.8	1.59	9850	10,300	1.71	0.132	<0.002	<0.002	0.546	0.519	0.446	0.28	270
	22/05/2014	A4	B442060	0.28	0.15	0.098	0.018	0.35	0.246		93	2.7	0.149	<0.005	1.03	0.83	7950	7590	6.21	0.212	<0.002	<0.002	0.239	0.245	1.29	0.218	255
	30/05/2014	A4	B444272	0.23	0.2	0.029	0.012	0.185	0.198	na	31	2.7	0.037	<0.005	0.69	0.62	8360	7900	1.63	0.101	<0.002	<0.002	0.262	0.248	0.256	0.199	229
	05/06/2014	A4	B446972	0.22	0.2	0.023	0.014	0.205	0.337		29.4	3.9	0.027	0.034	0.56	<0.5	7130	6630	1.28	0.118	<0.002	<0.002	0.243	0.24	0.219	0.217	200
	12/06/2014	A4	B449500	0.2	0.22	0.018	0.011	0.251	0.154		19.3	1.6	0.021	0.006	0.57	<0.5	7560	7380	0.864	0.084	<0.002	<0.002	0.309	0.342	0.228	0.185	207
	24/07/2014	A4	B464009	0.23	0.26	0.018	0.012	0.101	0.172	-	12.8	3.4	0.026	0.007	1.18	1.08	10,800	9240	0.564	0.187	0.0038	0.0024	0.646	0.613	0.327	0.295	271
	21/08/2014	A4	B474408	0.22	0.26	0.006	0.006	0.123	0.12		2.8	1	0.006	<0.005	1.33	1.35	10,700	10,500	0.144	0.077	0.0026	<0.002	0.68	0.683	0.267	0.151	216
	28/08/2014	A4	B476541	0.2	0.17	0.007	0.007	0.109	0.078		7.9	2.6	0.007	<0.005	1.3	1.23	10,200	10,100	0.195	0.054	0.0028	0.0053	0.698	0.707	0.226	0.194	223
	05/09/2014	A4	B479164	0.18	0.36	0.012	0.011	0.402	0.143	0.15	5.9	6.6	0.027	<0.005	1.04	1.11	9110	9380	0.308	0.074	0.004	<0.002	0.712	0.76	0.221	0.209	224
	12/09/2014	A4	B481292	0.18	0.17	0.008	0.009	0.155	0.107		1.3	<1	0.035	<0.005	1.03	1.03	11,000	10,300	0.146	<0.05	0.0053	0.0028	0.708	0.682	0.209	0.203	247
	18/09/2014	A4	B483962	0.21	0.15	0.009	0.007	1.12	0.318		2.5	<1	0.058	<0.005	0.9	0.77	10,300	9760	0.152	<0.05	<0.002	0.004	0.629	0.698	0.199	0.241	234
	31/10/2014	A4	B499587	0.23	0.28	0.007	0.009	0.114	0.107	-	1	<1	<0.005	<0.005	1.27	1.25	11,900	11,900	0.082	0.058	<0.002	<0.002	0.786	0.794	0.227	0.247	238
	27/11/2014	A4	B4A9093	0.14	<0.1	0.0062	<0.005	0.14	0.185	-	3.1	5.5	0.0143	0.043	1.76	1.3	11,200	12,100	0.157	<0.05	<0.002	<0.002	0.765	0.704	0.189	0.42	271
	18/12/2014	A4	B4B5326	0.24	0.25	0.0063	<0.005	0.096	0.159	-	1.7	1.1	<0.005	0.006	1.66	1.36	10,500	12,700	0.062	<0.05	<0.002	<0.002	0.743	0.768	1.02	0.22	225
	22/01/2015	A4	B505986	0.25	0.25	<0.005	<0.005	0.087	0.066	-	<1	<1	<0.005	<0.005	1.58	1.65	13,400	12,700	0.06	<0.05	0.0037	<0.002	0.855	0.923	0.172	0.156	252
	26/02/2015	A4	B516449	0.23	0.26	0.0059	<0.005	0.071	0.495	-	1.1	<1	<0.005	0.012	1.53	1.55	12,500	13,000	0.089	<0.05	<0.002	<0.002	0.874	0.891	0.17	0.15	239
	26/03/2015	A4	B525184	0.22	0.24	0.0076	0.0074	0.093	0.532	-	2.6	<1	0.0053	0.0133	1.96	1.98	12,200	12,100	0.11	<0.05	<0.002	<0.002	0.742	0.736	0.179	0.184	278
	23/04/2015	A4	B533584	<0.5	0.2	0.034	0.0126	0.48	0.147	-	39.5	1.5	<0.05	<0.005	0.8	0.85	8420	8370	1.2	0.106	<0.002	<0.002	0.369	0.376	0.34	0.257	<250
	14/05/2015	A4	B540628	0.33	0.25	0.047	0.0225	0.742	0.761		66.4	23.8	0.0644	0.0194	<0.5	0.85	9500	10,800	2.84	1.42	<0.002	<0.002	0.422	0.421	0.521	0.567	268
	21/05/2015	A4	B542667	0.26	0.25	0.021	0.008	0.182	0.168		23.9	3.3	0.018	0.008	0.73	0.68	8840	8490	0.734	0.153	<0.002	<0.002	0.295	0.311	0.252	0.244	228
	28/05/2015	A4	B545872	0.23	0.26	0.029	0.009	0.215	0.134	na	32.2	6.9	0.039	0.01	0.55	<0.5	7960	7670	1.69	0.202	<0.002	<0.002	0.276	0.302	0.277	0.317	213
	05/06/2015	A4	B547761	0.23	0.21	0.0255	0.0095	0.135	0.111		29.6	2.1	0.0318	<0.005	<0.5	0.64	7980	7980	1.74	0.089	<0.002	<0.002	0.266	0.272	0.308	0.293	202
	11/06/2015	A4	B549906	0.33	0.2	0.0261	0.008	0.175	0.108		25.5	2.3	0.025	<0.005	0.59	<0.5	11,500	8150	1.2	0.082	<0.002	<0.002	0.388	0.394	0.494	0.354	315
	23/07/2015	A4	B563471	0.24	0.22	0.0078	<0.005	0.11	0.05	-	6.2	<1	0.0066	<0.005	0.87	0.85	10,200	10,500	0.164	<0.05	<0.002	<0.002	0.683	0.637	0.181	0.163	233
	20/08/2015	A4	B572515	0.23	0.22	0.005	<0.005	0.092	0.086		1.8	<1	<0.005	<0.005	1.78	1.89	11,400	11,800	0.104	<0.05	<0.002	<0.002	0.796	0.776	0.167	0.158	237
	27/08/2015	A4	B575103	0.23	0.26	<0.005	0.005	0.052	0.086		2.3	<1	0.008	<0.005	0.99	1.32	10,500	10,900	0.059	0.056	<0.002	<0.002	0.795	0.801	0.18	0.182	205
	03/09/2015	A4	B577658	0.24	0.26	0.008	<0.005	1.43	0.078	na	5.4	<1	<0.005	<0.005	1.49	1.63	11,600	11,300	0.277	<0.05	<0.002	<0.002	0.81	0.863	0.501	0.135	239
	10/09/2015	A4	B579637	0.24	0.23	0.01	0.01	0.1	0.072		8.1	2.9	0.011	0.055	1.76	1.98	11,300	11,300	0.397	0.071	<0.002	<0.002	0.879	0.858	0.234	0.197	252
	17/09/2015	A4	B582068	0.25	0.23	0.009	0.005	0.12	0.074		3.8	1.3	0.005	<0.005	1.54	2.44	10,900	11,000	0.182	<0.05	<0.002	<0.002	0.776	0.78	0.291	0.187	256
	12/05/2016	A4	B637198	<0.5	0.21	0.013	0.009	0.47	0.099	-	9.2	2.1	<0.05	<0.005	0.51	0.98	8820	8030	0.49	0.072	<0.002	<0.002	0.388	0.378	0.24	0.195	<250
	20/07/2018	A4	L2133661	0.3	0.33	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	1.2	1.2	11,000	9580	0.31	0.12	<0.005	<0.005	0.65	0.61	<0.5	<0.5	222
	09/11/2018	A4	L2195291	0.22	0.23	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	1.7	1.7	12,100	14,000	<0.1	<0.1	<0.005	<0.005	0.881	0.905	<0.5	<0.5	246
	05/03/2019	A4	L2240838	0.26	0.25	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	1.8	1.8	13,300	12,500	<0.1	<0.1	<0.005	<0.005	1.01	0.868	<0.5	<0.5	250
	17/06/2019	A4	L2295044	0.32	0.28	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	<1	<1	8450	8330	0.25	0.1	<0.005	<0.005	0.412	0.45	<0.5	<0.5	187

Sample Date	Sample ID	Potassium (Filtered)	Rubidium	Rubidium (Filtered)	Selenium	Selenium; Averaged	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver; Averaged	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc; Averaged	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L
RDL		10	0.2	0.2	0.04	0.04	0.04	50	50	0.005	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1		0.1	0.06	0.06
BC WQG					2[#10]	2[#10]				Variable	Variable																						Variable[#4]				
16/05/2012	A3	427	-	-	0.358	-	0.404	2330	1910	0.013	-	<0.005	1160	1160	102	100	-	-	0.016	0.003	-	-	<0.2	<0.2	3.03	<0.5	-	-	0.188	0.142	0.6	<0.2	5.21	-	0.47	0.16	<0.1
18/06/2012	A3	363	-	-	0.362	-	0.334	2100	2050	0.0193	-	<0.005	1000	1010	94.8	88.4	-	-	0.0107	0.0024	-	-	<0.2	<0.2	2.38	<0.5	-	-	0.197	0.147	0.47	<0.2	4.43	-	2.06	0.13	<0.1
24/07/2012	A3	434	-	-	0.56	-	0.532	2000	2060	<0.005	-	<0.005	1950	1970	136	138	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.201	0.192	<0.2	<0.2	1.06	-	0.45	<0.1	<0.1
25/08/2012	A3	519	-	-	0.718	-	0.606	2200	2190	<0.005	-	<0.005	3020	3010	168	168	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.235	0.247	<0.2	<0.2	0.23	-	<0.1	<0.1	<0.1
17/09/2012	A3	537	-	-	0.637	-	0.632	2160	2210	<0.005	-	<0.005	3230	3510	166	196	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.256	0.252	<0.2	<0.2	0.22	-	0.3	<0.1	<0.1
24/10/2012	A3	496	-	-	0.604	-	0.629	2160	2220	<0.005	-	<0.005	3420	3370	181	180	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.274	0.268	<0.2	<0.2	0.81	-	0.62	<0.1	<0.1
24/11/2012	A3	504	-	-	0.604	-	0.604	2400	2320	<0.005	-	<0.005	3180	3220	163	159	-	-	<0.002	<0.002	-	-	<0.2	0.23	<0.5	<0.5	-	-	0.215	0.212	<0.2	<0.2	0.35	-	2.69	<0.1	<0.1
15/12/2012	A3	508	-	-	0.564	-	0.679	2500	2320	<0.005	-	<0.005	3830	3740	179	178	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.255	0.251	<0.2	<0.2	0.5	-	0.45	<0.1	<0.1
25/01/2013	A3	497	-	-	0.892	-	0.76	2310	2300	<0.005	-	<0.005	3740	3810	180	178	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.267	0.263	<0.2	<0.2	3.9	-	1.97	<0.1	<0.1
17/04/2013	A3	546	-	-	2.06	-	0.778	5310	2100	<0.005	-	<0.005	3900	3970	190	195	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.253	0.252	<0.2	<0.2	0.37	-	0.26	<0.1	<0.1
23/05/2013	A3	364	-	-	0.296	-	0.29	2150	1990	<0.005	-	<0.005	1160	1110	96.4	94.3	-	-	0.007	<0.002	-	-	<0.2	<0.2	0.89	<0.5	-	-	0.187	0.166	0.43	<0.2	2.66	-	0.49	<0.1	<0.1
23/05/2013	A3-DUP	384	-	-	0.366	-	0.451	1990	1970	<0.005	-	<0.005	1230	1190	102	97.1	-	-	0.007	<0.002	-	-	<0.2	<0.2	0.68	<0.5	-	-	0.178	0.139	0.5	<0.2	3	-	0.38	<0.1	<0.1
20/06/2013	A3	533	-	-	0.46	-	0.351	6890	1640	<0.025	-	<0.005	800	677	192	68.9	-	-	0.059	<0.002	-	-	<1	<0.2	<2.5	1.46	-	-	1.53	0.109	10.1	0.31	93.8	-	0.87	0.93	0.34
17/07/2013	A3	498	-	-	0.57	-	0.605	2330	2070	<0.005	-	<0.005	2440	2390	151	149	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.207	0.21	<0.2	<0.2	0.3	-	0.56	<0.1	<0.1
17/07/2013	A3-DUP	485	-	-	0.587	-	0.451	2340	2120	<0.005	-	<0.005	2340	2380	143	146	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.204	0.206	<0.2	<0.2	0.33	-	0.33	<0.1	<0.1
26/08/2013	A3	596	-	-	0.56	-	0.536	2370	2610	<0.005	-	<0.005	3470	3590	175	177	-	-	<0.002	<0.002	-	-	<0.2	0.58	<0.5	<0.5	-	-	0.251	0.267	<0.2	<0.2	0.4	-	0.58	<0.1	<0.1
25/09/2013	A3	593	-	-	0.533	-	0.561	2100	2190	<0.005	-	<0.005	3480	3550	176	171	-	-	0.002	0.002	-	-	<0.2	0.23	0.79	<0.5	-	-	0.216	0.241	<0.2	<0.2	0.55	-	1.95	<0.1	<0.1
24/10/2013	A3	541	-	-	0.592	-	0.601	2260	2080	<0.005	-	<0.005	3420	3510	172	181	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.224	0.232	<0.2	<0.2	0.39	-	0.33	<0.1	<0.1
21/11/2013	A3	542	-	-	0.738	-	0.714	1980	2470	<0.005	-	<0.005	3930	3760	185	191	-	-	<0.002	<0.002	-	-	<0.2	<0.2	0.67	<0.5	-	-	0.272	0.287	<0.2	<0.2	1.09	-	0.18	<0.1	<0.1
28/01/2014	A3	488	-	-	0.751	-	0.675	2320	2370	<0.005	-	<0.005	3900	4040	185	186	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.266	0.272	<0.2	<0.2	0.2	-	0.42	<0.1	<0.1
24/04/2014	A3	517	-	-	0.72	-	0.697	2330	2370	<0.005	-	<0.005	3830	3750	174	177	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.23	0.237	<0.2	<0.2	0.25	-	0.16	<0.1	<0.1
15/05/2014	A3	449	-	-	0.46		0.499	2250	2160	<0.005		<0.005	2390	2190	146	150	-	-	0.004	0.002	-	-	<0.2	<0.2	0.99	<0.5	-	-	0.179	0.166	0.32	<0.2	1.65		0.34	0.11	<0.1
22/05/2014	A3	415	-	-	0.356		0.378	2440	1940	0.009		<0.005	1280	1260	108	101	-	-	0.016	<0.002	-	-	<0.2	<0.2	1.89	<0.5	-	-	0.238	0.165	0.91	<0.2	6.81		0.48	0.11	<0.1
29/05/2014	A3	382	-	-	0.346	na	0.387	2170	2050	0.005	na	<0.005	1140	1170	98.9	100	-	-	0.006	<0.002	-	-	<0.2	<0.2	1.34	<0.5	-	-	0.2	0.17	0.37	<0.2	2.03	na	0.34	<0.1	<0.1
05/06/2014	A3	359	-	-	0.376		0.371	2690	2080	<0.005		<0.005	1200	1180	97.3	91.7	-	-	0.005	<0.002	-	-	<0.2	<0.2	4.43	2.75	-	-	0.181	0.152	0.4	<0.2	2.99		2.53	0.23	<0.1
12/06/2014	A3	382	-	-	0.416		0.367	2710	2150	<0.005		<0.005	1290	1260	106	104	-	-	0.004	0.003	-	-	<0.2	<0.2	2.12	<0.5	-	-	0.188	0.163	0.39	<0.2	2.38		0.53	<0.1	<0.1
27/02/2015	A3 (B)	282	-	-	0.651	-	0.582	2030	1860	<0.005	-	<0.005	1020	984	86.5	90.9	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.614	0.552	<0.2	<0.2	0.47	-	0.25	<0.1	<0.1
24/07/2014	A3(B)	305	-	-	0.45	-	0.462	1980	1970	<0.005	-	0.007	911	880	86.1	84.4	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.522	0.507	<0.2	0.22	0.63	-	0.76	<0.1	<0.1
21/08/2014	A3(B)	311	-	-	0.544		0.499	1860	1960	0.009		<0.005	830	834	86.8	90.7	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.505	0.554	<0.2	<0.2	0.78		0.27	<0.1	<0.1
28/08/2014	A3(B)	283	-	-	0.542		0.576	1840	1840	0.01		<0.005	831	763	92.9	87.3	-	-	0.003	0.002	-	-	<0.2	0.43	<0.5	<0.5	-	-	0.555	0.549	<0.2	<0.2	0.66		0.65	<0.1	<0.1
05/09/2014	A3(B)	287	-	-	0.595	na	0.626	1950	1960	<0.005	na	<0.005	762	758	83	88.5	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.504	0.55	<0.2	<0.2	0.46	na	0.33	<0.1	<0.1
12/09/2014	A3(B)	312	-	-	0.601		0.604	1980	1850	<0.005		<0.005	873	818	84.4	81.2	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.574	0.56	<0.2	0.21	0.52		0.44	<0.1	<0.1
18/09/2014	A3(B)	283	-	-	0.544		0.599	1820	1810	<0.005		<0.005	687	684	84.2	83.5	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.577	0.551	<0.2	<0.2	0.51		0.47	<0.1	<0.1
30/10/2014	A3(B)	319	-	-	0.574	-	0.646	1550	1720	<0.005	-	<0.005	814	814	85.4	91.7	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.535	0.605	<0.2	<0.2	0.62	-	0.24	<0.1	<0.1
27/11/2014	A3(B)	327	-	-	0.579	-	0.595	1820	1730	<0.005	-	<0.005	796	788	92.6	87.9	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.598	0.596	<0.2	<0.2	0.36	-	0.3	<0.1	<0.1
18/12/2014	A3(B)	284	-	-	0.528	-	0.586	1720	1900	<0.005	-	<0.005	772	857	82.7	93.1	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.541	0.566	<0.2	<0.2	0.26	-	0.43	<0.1	<0.1
22/01/2015	A3(B)	286	-	-	0.558	-	0.622	1900	1770	<0.005	-	<0.005	903	926	90.6	93.7	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.535	0.545	<0.2	<0.2	0.2	-	0.16	<0.1	<0.1
27/02/2015	A3(B)-DUP	268	-	-	0.617	-	0.516	1780	1810	<0.005	-	<0.005	942	947	91.8	88.6	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.533	0.541	<0.2	<0.2	0.26	-	0.22	<0.1	<0.1
26/03/2015	A3(B)	303	-	-	0.593	-	0.581	1940	1850	<0.005	-	<0.005	1050	1060	93.9	96.6	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.542	0.572	<0.2	<0.2	0.56	-	0.91	<0.1	<0.1
23/04/2015	A3(B)	296	-	-	0.285	-	0.425	1700	1660	<0.005	-	<0.005	890	899	81	82.7	-	-	0.0047	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.412	0.414	<0.5	<0.2	1.4	-	0.38	<0.1	0.12
15/05/2015	A3(B)	330	-	-	0.358		0.443	1590	1490	<0.005		<0.005	927	1040	86.8	92.7	-	-	0.0041	0.0029	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.457	0.484	<0.2	0.31	0.87		5.95	<0.1	<0.1
15/05/2015	A3(B)-DUP	320	-	-	0.375		0.355	1580	2170	<0.005		<0.005	984	1040	88.8	100	-	-	0.0038	0.0023	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.478	0.467	<0.2	<0.2	2.03		0.85	<0.1	<0.1
21/05/2015	A3(B)	260	-	-	0.27	na	0.302	1390	1600	<0.005	na	<0.005	772	715	72.8	71.4	-	-	0.005	0.003	-	-	<0.2	<0.2	0.71	<0.5	-	-	0.373	0.357	0.21	<0.2	0.86	na	0.41	<0.1	<0.1
28/05/2015	A3(B)	251	-	-	0.278		0.206	1720	1470	<0.005		<0.005	572	608	62	63.2	-	-	0.006	0.004	-	-	<0.2	<0.2	1.73	<0.5	-	-	0.323	0.322	0.26	<0.2	1.1		0.33	<0.1	<0.1
05/06/2015	A3(B)	253	-	-	0.241		0.262	1740	1590	<0.005		<0.005	650	624	66.5	64.7	-	-	0.0064	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.373	0.333	<0.5	<0.2	1.8		0.82	<0.1	<0.1
11/06/2015	A3(B)	255	-	-	0.336		0.327	1620	1620	<0.005		<0.005	700	690	72.2	67	-	-	0.0034	0.0022	-	-	<0.2	<0.2	0.74	<0.5	-	-	0.45	0.478	0.2	<0.2	0.8		0.29	<0.1	<0.1
23/07/2015	A3(B)	281	-	-	0.492	-	0.453	1740	1720	<0.005	-	<0.005	772	820	84.6	83.3	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.592	0.56	<0.2	<0.2	0.44	-	0.47	<0.1	<0.1
20/08/2015	A3(B)	328	-	-	0.548		0.499	1850	2040	<0.005		<0.005	857	866	92.1	95.7	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.593	0.582	<0.2	<0.2	0.36		0.26	<0.1	<0.1
27/08/2015	A3(B)	296	-	-	0.489		0.566	1760	1920	<0.005		<0.005	761	827	86.7	92.8	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.6	0.596	<0.2	<0.2	0.44		0.39	<0.1	<0.1
03/09/2015	A3(B)	304	-	-	0.673	na	0.635	1920	1560	<0.005	na	<0.005	837	860	90.1	91	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.589	0.571	<0.2	<0.2	0.39	na	0.49	<0.1	<0.1
10/09/2015	A3(B)	301	-	-	0.674		0.65	2030	1880	<0.005		<0.005	740	741	94.5	97.2	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.646	0.699	<0.2	0.25	0.59		0.39	<0.1	<0.1
17/09/2015	A3(B)	314	-	-	0.679		0.623	1920	1810	<0.005		<0.005	824	814	90.7	93.1	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.662	0.667	<0.2	<0.2	0.49		0.31	<0.1	<0.1
12/05/2016	A3(B)	272	-	-	0.386	-	0.379	1850	1620	<0.005	-	<0.005	790	813	76.4	79.9	-	-	0.003	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.386	0.404	<0.5	<0.2	<1	-	0.44	<0.1	<0.1
20/07/2018	A3(B)	292	<0.2	<0.2	0.54	-	0.589	1880	1630	<0.01	-	<0.01	845	798	88.6	83.5	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.546	0.552	<0.5	<0.5	<3	-	<1	<0.06	<0.06
09/11/2018	A3(B)	305	0.21	0.2	0.703	-	0.61	1870	1740	<0.01	-	<0.01	844	846	95.9	97.4	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.615	0.597	<0.5	<0.5	<3	-	<1	<0.06	<0.06
05/03/2019	A3(B)	282	<0.2	<0.2	0.677	-	0.653	1710	1650	<0.01	-	<0.01	812	827	93.8	92	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.527	0.546	<0.5	<0.5	<3	-	<1	<0.06	<0.06
17/06/2019	A3(B)	285	0.23	<0.2	0.41	-	0.425	1680	1560	<0.01	-	<0.01	771	841	72.6	79.8	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.37	<0.3	<0.1	<0.1	0.426	0.481	<0.5	<0.5	<3	-	<1	<0.2	<0.2
16/05/2012	A4	244	-	-	0.208	-	0.156	1620	1470	0.006	-	<0.005	374	371	44.6	44.7	-	-	0.014	0.004	-	-	<0.2	<0.2	1.16	<0.5	-	-	0.244	0.228	0.32	<0.2	3.5	-	1.03	0.11	<0.1
18/06/2012	A4	196	-	-	0.173	-	0.138	1430	1450	<0.005	-	<0.005	265	281	33.2	32.7	-	-	0.0053	0.0022	-	-	<0.2	<0.2	0.79	<0.5	-	-	0.228	0.206	0.21	<0.2	2.91	-	1.18	<0.1	<0.1
24/07/2012	A4	199	-	-	0.487	-	0.498	1350	1420	<0.005	-	<0.005	408	313	53.6	53.8	-	-	0.004	0.004	-	-	<0.2	<0.2	0.54	<0.5	-	-	0.512	0.486	<0.2	<0.2	3.1	-	0.95	<0.1	<0.1
25/08/2012	A4	232	-	-	0.686	-	0.724	1630	1630	<0.005	-	<0.005	394	399	75.8	75.4	-	-	0.004	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.678	0.664	0.25	0.28	1.06	-	1.08	<0.1	<0.1
17/09/2012	A4	270	-	-	0.784	-	0.869	1680	1680	<0.005	-	<0.005	409	429	79.8	93.8	-	-	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.731	0.726	<0.2	<0.2	1.07	-	1.28	<0.1	<0.1
24/10/2012	A4	242	-	-	0.739	-	0.846	1570	1610	<0.005	-	<0.005	414	417	95.3	93	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.813	0.778	<0.2	<0.2	1.19	-	0.91	<0.1	<0.1
24/11/2012	A4	253	-	-	0.787	-	0.738	1830	1810	<0.005	-	<0.005	516	512	89	91.9	-	-	0.005	0.005	-	-	0.27	<0.2	<0.5	<0.5	-	-	0.723	0.744	<0.2	<0.2	2	-	1.14	<0.1	<0.1
15/12/2012	A4	259	-	-	0.773	-	0.854	1850	1820	<0.005	-	<0.005	535	550	95.5	96.7	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.787	0.805	<0.2	<0.2	1.42	-	1.23	<0.1	<0.1
24/01/2013	A4	265	-	-	1.03	-	1.11	1820	1790	<0.005	-	<0.005	502	546	108	103	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.836	0.839	<0.2	<0.2	1.09	-	1.4	<0.1	<0.1
20/02/2013	A4	237	-	-	0.905	-	0.874	1830	1750	<0.005	-	<0.005	510	518	119	116	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.836	0.827	<0.2	<0.2	1.86	-	1.11	<0.1	<0.1
20/03/2013	A4	266	-	-	1.03	-	0.825	1730	1550	<0.005	-	<0.005	668	616	114	117	-	-	0.005	0.004	-	-	0.24	<0.2	<0.5	<0.5	-	-	0.855	0.837	<0.2	0.26	1.29	-	1.36	<0.1	<0.1
17/04/2013	A4	296	-	-	0.819	-	0.795	1560	1460	<0.005	-	<0.005	677	739	108	106	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.798	0.783	<0.2	<0.2	1.11	-	1.11	<0.1	<0.1
23/05/2013	A4	223	-	-	0.155	-	0.165	1460	1470	<0.005	-	<0.005	321	311	36.4	34.9	-	-	0.01	0.002	-	-	<0.2	<0.2	0.98	<0.5	-	-	0.249	0.232	0.49	<0.2	2.76	-	0.64	0.1	<0.1
20/06/2013	A4	373	-	-	0.235	-	0.179	3850	1320	0.008	-	<0.005	377	269	95.6	33.7	-	-	0.097	0.002	-	-	<0.2	<0.2	3.3	0.61	-	-	1.25	0.167	7.99	<0.2	73.8	-	1.54	0.54	0.11
17/07/2013	A4	223	-	-	0.738	-	0.696	1590	1350	<0.005	-	<0.005	337	341	57.3	57	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.562	0.566	<0.2	<0.2	1.03	-	1.07	<0.1	<0.1
26/08/2013	A4	250	-	-	0.762	-	0.741	1710	1770	<0.005	-	<0.005	431	429	80.5	81.2	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.728	0.758	<0.2	<0.2	1.23	-	1.21	<0.1	<0.1
26/09/2013	A4	261	-	-	0.873	-	0.969	1510	1550	<0.005	-	<0.005	430	410	81.7	83.4	-	-	0.004	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.811	0.786	<0.2	<0.2	1.04	-	0.96	<0.1	<0.1
24/10/2013	A4	254	-	-	0.903	-	0.794	1590	1500	<0.005	-	<0.005	422	430	84.7	81.1	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.749	0.791	<0.2	<0.2	1.34	-	1.28	<0.1	<0.1
21/11/2013	A4	231	-	-	1.05	-	0.875	1570	1600	<0.005	-	<0.005	498	478	92.3	90.1	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.803	0.776	<0.2	<0.2	2	-	0.87	<0.1	<0.1
21/11/2013	A4-DUP	240	-	-	1.02	-	0.85	1630	1670	<0.005	-	<0.005	517	505	97.5	94.1	-	-	0.005	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.864	0.831	<0.2	<0.2	2.1	-	0.88	<0.1	<0.1
22/12/2013	A4	198	-	-	0.878	-	1.06	1710	1750	<0.005	-	<0.005	497	439	104	98.8	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.833	0.8	<0.2	<0.2	1.06	-	0.91	<0.1	<0.1
28/01/2014	A4	264	-	-	0.904	-	0.867	1880	1910	<0.005	-	<0.005	918	928	105	103	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.69	0.687	<0.2	<0.2	0.9	-	0.86	<0.1	<0.1
26/02/2014	A4	236	-	-	0.954	-	0.948	1690	1630	<0.005	-	<0.005	507	499	113	112	-	-	0.007	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.833	0.833	<0.2	<0.2	1.58	-	1.07	<0.1	<0.1
27/03/2014	A4	251	-	-	0.924	-	1.03	1690	1720	<0.005	-	<0.005	540	508	117	125	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.871	0.879	<0.2	<0.2	2.1	-	1.06	<0.1	<0.1
24/04/2014	A4	283	-	-	0.882	-	0.879	1710	1810	<0.005	-	<0.005	910	895	111	109	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.761	0.768	<0.2	<0.2	0.97	-	0.65	<0.1	<0.1
15/05/2014	A4	258	-	-	0.499		0.507	1690	1720	<0.005		<0.005	600	576	79	83	-	-	0.004	0.004	-	-	<0.2	<0.2	0.82	<0.5	-	-	0.506	0.505	0.2	<0.2	1.71		0.94	<0.1	<0.1
22/05/2014	A4	234	-	-	0.217		0.196	1610	1430	<0.005		<0.005	401	390	45.1	43.3	-	-	0.008	0.002	-	-	<0.2	<0.2	1.04	<0.5	-	-	0.296	0.269	0.34	<0.2	2.44		0.66	<0.1	<0.1
30/05/2014	A4	216	-	-	0.211	na	0.211	1450	1500	<0.005	na	<0.005	350	337	40.4	39.7	-	-	0.004	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.291	0.281	0.22	<0.2	1.07	na	0.52	<0.1	<0.1
05/06/2014	A4	194	-	-	0.201		0.213	1500	1480	<0.005		<0.005	322	311	36.9	35.7	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.256	0.248	<0.2	<0.2	1.02		1.85	<0.1	<0.1
12/06/2014	A4	196	-	-	0.243		0.217	1460	1420	<0.005		<0.005	302	303	41.2	39.8	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.327	0.323	<0.2	<0.2	0.91		0.64	<0.1	<0.1
24/07/2014	A4	246	-	-	0.584	-	0.521	1720	1760	<0.005	-	0.006	393	375	68.1	68	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.608	0.587	<0.2	0.23	1.3	-	1.4	<0.1	<0.1
21/08/2014	A4	238	-	-	0.681		0.609	1570	1830	<0.005		<0.005	387	379	81.8	82.3	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.688	0.693	<0.2	<0.2	1.25		0.93	<0.1	<0.1
28/08/2014	A4	219	-	-	0.7		0.777	1510	1580	0.006		0.006	371	366	80.9	79.1	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.747	0.749	0.21	0.23	1.19		0.9	<0.1	<0.1
05/09/2014	A4	225	-	-	0.699	na	0.695	1610	1540	<0.005	na	<0.005	330	330	75	76.8	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.673	0.692	<0.2	<0.2	1.59	na	2.12	<0.1	<0.1
12/09/2014	A4	239	-	-	0.805		0.748	1620	1670	<0.005		<0.005	377	368	70.8	68.6	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.707	0.719	<0.2	0.22	1.21		0.92	<0.1	<0.1
18/09/2014	A4	211	-	-	0.689		0.684	1540	1510	<0.005		<0.005	324	310	69	69.5	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.692	0.685	<0.2	<0.2	1.55		1.03	<0.1	<0.1
31/10/2014	A4	278	-	-	0.796	-	0.793	1520	1690	<0.005	-	<0.005	451	451	86.4	91.3	-	-	0.002	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.76	0.83	<0.2	<0.2	1.3	-	1.34	<0.1	<0.1
27/11/2014	A4	270	-	-	0.72	-	0.811	1700	1580	<0.005	-	<0.005	469	550	94.6	84.4	-	-	0.0037	<0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.793	0.788	<0.2	<0.2	1.37	-	1.91	<0.1	<0.1
18/12/2014	A4	246	-	-	0.665	-	0.671	1670	1900	<0.005	-	<0.005	474	518	87.4	92.4	-	-	0.0027	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.74	0.763	<0.2	<0.2	0.95	-	1.05	<0.1	<0.1
22/01/2015	A4	254	-	-	0.79	-	0.793	1830	1700	<0.005	-	<0.005	553	528	105	107	-	-	0.004	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.795	0.804	<0.2	<0.2	0.95	-	0.92	<0.1	<0.1
26/02/2015	A4	234	-	-	0.883	-	0.887	1980	1800	<0.005	-	<0.005	623	593	104	107	-	-	0.0022	0.004	-	-	<0.2	0.26	<0.5	<0.5	-	-	0.886	0.811	<0.2	<0.2	1.09	-	1.18	<0.1	<0.1
26/03/2015	A4	268	-	-	0.645	-	0.674	1790	1830	<0.005	-	<0.005	795	788	97.6	98	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.711	0.748	<0.2	<0.2	1	-	1.47	<0.1	<0.1
23/04/2015	A4	229	-	-	0.198	-	0.274	1430	1470	<0.005	-	<0.005	410	429	55.2	56.5	-	-	0.0032	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.412	0.422	<0.5	<0.2	1.4	-	0.9	<0.1	<0.1
14/05/2015	A4	302	-	-	0.281		0.356	1410	1780	<0.005		<0.005	520	560	55.3	56.1	-	-	0.0065	0.0046	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.505	0.498	<0.2	0.21	3.78		4.4	<0.1	<0.1
21/05/2015	A4	231	-	-	0.21		0.251	1160	1390	<0.005		<0.005	366	343	45.1	47.4	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.364	0.379	<0.2	0.25	1.01		2.27	<0.1	<0.1
28/05/2015	A4	221	-	-	0.216	na	0.203	1370	1350	<0.005	na	<0.005	266	287	40.3	39.8	-	-	0.005	0.004	-	-	<0.2	<0.2	0.53	<0.5	-	-	0.321	0.314	<0.2	<0.2	1.06	na	1.48	<0.1	<0.1
05/06/2015	A4	202	-	-	0.215		0.23	1720	1460	<0.005		<0.005	292	311	39.2	39.5	-	-	0.003	0.0026	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.337	0.35	<0.2	<0.2	1.04		1.11	<0.1	<0.1
11/06/2015	A4	204	-	-	0.341		0.307	1250	1360	<0.005		<0.005	455	321	63.8	43.5	-	-	0.004	0.0026	-	-	<0.2	<0.2	0.83	<0.5	-	-	0.456	0.437	0.3	0.21	1.52		0.66	<0.1	<0.1
23/07/2015	A4	227	-	-	0.57	-	0.592	1490	1510	<0.005	-	<0.005	376	377	74.3	73.8	-	-	0.0044	0.0029	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.8	0.732	0.24	0.22	1.34	-	1.05	<0.1	<0.1
20/08/2015	A4	243	-	-	0.764		0.708	1740	1890	<0.005		<0.005	434	426	93.6	99.4	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.787	0.79	<0.2	<0.2	1.15		1.05	<0.1	<0.1
27/08/2015	A4	218	-	-	0.673		0.78	1590	1690	<0.005		<0.005	371	397	85.5	94.6	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.829	0.854	0.23	<0.2	0.95		1.23	<0.1	<0.1
03/09/2015	A4	223	-	-	0.722	na	0.837	1520	1450	<0.005	na	<0.005	439	458	91.7	93.8	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.824	0.813	<0.2	<0.2	1.51	na	1.19	<0.1	<0.1
10/09/2015	A4	245	-	-	0.901		0.904	1690	1680	<0.005		<0.005	405	392	102	102	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.943	0.971	<0.2	0.31	1.75		2.08	<0.1	<0.1
17/09/2015	A4	248	-	-	0.941		0.916	1660	1520	<0.005		<0.005	402	386	88.5	85.1	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.946	0.929	<0.2	<0.2	1.71		1.07	<0.1	<0.1
12/05/2016	A4	202	-	-	0.35	-	0.294	1700	1400	<0.005	-	<0.005	400	361	52.8	48.3	-	-	0.003	0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.426	0.457	<0.5	<0.2	1.4	-	0.78	<0.1	<0.1
20/07/2018	A4	228	<0.2	<0.2	0.74	-	0.655	1610	1460	<0.01	-	<0.01	403	374	75.7	73	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.676	0.677	<0.5	<0.5	<3	-	1	<0.06	<0.06
09/11/2018	A4	266	<0.2	<0.2	0.968	-	0.906	1720	1550	<0.01	-	<0.01	497	524	109	115	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.892	0.9	<0.5	<0.5	4.3	-	1	<0.06	<0.06
05/03/2019	A4	244	<0.2	<0.2	1.06	-	1.04	1700	1540	<0.01	-	<0.01	524	478	136	124	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.957	0.912	<0.5	<0.5	<3	-	1.1	<0.06	<0.06
17/06/2019	A4	230	<0.2	<0.2	0.469	-	0.416	1370	1330	<0.01	-	<0.01	317	356	46.7	51.5	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.455	0.529	<0.5	<0.5	<3	-	1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Sample Date	Sample ID	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG				6[#11]		3[#12]	4[#13]	0.1[#11]	0.01[#11]							4[#14]	12[#11]		1	0.3[#11]	0.02[#15]				
16/05/2012	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/06/2012	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A3-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A3-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	A3	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.057	<0.02	<0.5	<0.5	<0.05	<0.5
24/04/2014	A3	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	A3	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	A3	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	A3	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A3	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	A3	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/02/2015	A3 (B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/02/2015	A3(B)-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2015	A3(B)-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	A3(B)	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	A3(B)	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	A3(B)	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	A3(B)	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	A3(B)	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
16/05/2012	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/06/2012	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/01/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/02/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	A4-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	0.17	0.058	<0.02	<0.5	<0.5	<0.05	<0.5
26/02/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/03/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/05/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
31/10/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	A4	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	A4	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	A4	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	A4	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	A4	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Copper (Filtered) Averaged	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.1	0.005	0.005	0.05	0.05		1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10
BC WQG Approved Long Term Average (Chronic) - Freshwater						4			Variable				Variable[#4]						Variable[#4]				1000				
	18/06/2012	A5	B252527	0.2	0.3	0.0147	0.0122	0.686	0.241	-	6.1	4.3	0.0292	0.0242	<0.5	<0.5	7260	7060	0.495	0.141	<0.01	<0.01	0.13	0.151	0.118	0.152	154
	24/07/2012	A5	B265706	0.35	0.32	0.008	0.013	0.14	0.577	-	5.1	5	0.145	0.226	<0.5	<0.5	9050	8900	0.065	0.267	<0.01	<0.01	0.326	0.339	0.128	0.202	159
	25/08/2012	A5	B276408	0.33	0.44	<0.005	<0.005	0.127	0.105	-	3.1	4.8	0.007	0.006	<0.5	<0.5	11,000	11,000	0.094	0.066	<0.01	<0.01	0.592	0.66	0.091	0.078	188
	17/09/2012	A5	B283851	0.3	0.37	<0.005	<0.005	<0.05	0.19	-	<1	<1	<0.005	<0.005	<0.5	<0.5	11,300	12,000	0.063	<0.05	<0.01	<0.01	0.706	0.736	0.069	0.064	229
	24/10/2012	A5	B297129	0.24	0.23	0.007	<0.005	<0.05	0.05	-	4.5	1.8	0.018	0.017	<0.5	<0.5	11,500	11,900	0.189	0.067	<0.01	<0.01	0.838	0.789	0.159	0.069	198
	24/11/2012	A5	B2A7294	0.35	0.31	0.006	0.005	0.216	0.558	-	3.8	6	0.013	0.034	<0.5	<0.5	12,400	12,200	0.132	0.085	<0.01	<0.01	0.754	0.743	0.104	0.111	261
	15/12/2012	A5	B2B4014	0.27	0.31	<0.005	<0.005	0.05	0.142	-	1.1	4.7	<0.005	0.023	<0.5	<0.5	13,300	13,700	0.068	0.127	<0.01	<0.01	0.861	0.859	0.094	0.095	239
	24/01/2013	A5	B306701	0.23	0.28	0.006	<0.005	0.62	0.068	-	2	<1	0.043	<0.005	<0.5	<0.5	12,100	12,200	0.187	<0.05	<0.01	<0.01	0.859	0.884	0.176	0.124	245
	20/02/2013	A5	B314188	0.27	0.13	<0.005	0.006	0.703	0.915	-	3.9	<1	0.006	<0.005	<0.5	<0.5	12,700	12,700	0.083	<0.05	<0.01	<0.01	0.895	0.914	0.11	0.049	227
	20/03/2013	A5	B322778	0.27	0.32	<0.005	0.007	0.073	0.109	-	3.3	1.8	0.011	0.008	<0.5	<0.5	12,800	12,700	0.063	0.055	<0.01	<0.01	0.721	0.919	0.082	0.052	265
	17/04/2013	A5	B330896	0.31	0.28	0.005	<0.005	0.062	0.123	-	1.5	1	<0.005	<0.005	<0.5	<0.5	12,800	12,600	0.068	<0.05	<0.01	<0.01	0.847	0.754	0.076	0.082	250
	23/05/2013	A5	B341817	0.29	0.2	0.023	0.016	0.262	0.154	-	11.9	3.3	0.029	0.01	<0.5	<0.5	7540	6850	0.841	0.101	<0.01	<0.01	0.123	0.124	0.294	0.21	175
	20/06/2013	A5	B351922	0.51	<0.1	0.119	0.016	0.632	0.266	-	135	7	0.469	0.014	0.5	<0.5	8790	5130	17.6	0.406	<0.01	<0.01	0.086	0.109	0.977	0.149	241
	17/07/2013	A5	B361290	0.26	0.26	0.009	0.008	0.825	0.14	-	5.9	<1	0.017	<0.005	<0.5	<0.5	8090	8880	0.076	<0.05	<0.01	<0.01	0.394	0.395	0.08	0.122	133
	26/08/2013	A5	B376191	0.29	0.29	0.008	0.009	0.122	0.156	-	1.4	<1	0.007	<0.005	<0.5	<0.5	11,900	11,500	0.09	<0.05	<0.01	<0.01	0.592	0.661	0.176	0.174	202
	26/09/2013	A5	B388572	0.36	0.26	0.01	0.005	0.059	0.122	-	<1	1.8	0.015	0.007	<0.5	<0.5	12,400	11,600	<0.05	<0.05	<0.01	<0.01	0.777	0.759	0.098	0.096	204
	26/09/2013	A5-DUP	B388572	0.31	0.3	0.011	0.011	0.126	-	-	<1	<1	0.017	<0.005	<0.5	<0.5	13,000	12,200	0.054	0.114	<0.01	<0.01	0.756	0.734	0.101	0.098	232
	24/10/2013	A5	B399472	0.25	0.35	0.006	0.015	0.117	0.102	-	2.9	6.1	0.006	<0.005	1.56	1.3	11,400	11,100	0.161	0.072	<0.002	0.0037	0.535	0.506	0.129	0.155	288
	21/11/2013	A5	B3A8725	0.3	0.33	0.005	0.005	0.083	0.055	-	<1	<1	0.016	<0.005	<0.5	<0.5	12,900	12,100	<0.05	0.074	<0.01	<0.002	0.64	0.768	0.122	0.079	220
	22/12/2013	A5	B3B7782	0.29	0.32	0.012	0.005	0.166	0.125	-	<1	<1	0.005	<0.005	<0.5	<0.5	11,900	11,000	0.062	<0.05	<0.002	<0.002	0.831	0.856	0.136	0.115	227
	28/01/2014	A5	B407313	0.23	0.22	<0.005	<0.005	0.359	0.081	-	1.2	<1	0.006	<0.005	<0.5	<0.5	12,500	11,900	0.052	<0.05	<0.002	<0.002	0.869	0.836	0.078	0.064	228
	26/02/2014	A5	B416171	0.29	0.27	0.005	<0.005	0.287	1.34	-	1	<1	0.005	0.005	<0.5	<0.5	12,700	13,000	<0.05	<0.05	<0.002	<0.002	0.868	0.852	0.099	0.07	230
	27/03/2014	A5	B424928	0.28	0.28	<0.005	0.005	0.168	0.155	-	1	<1	<0.005	<0.005	<0.5	<0.5	12,500	13,100	<0.05	<0.05	<0.002	<0.002	0.896	0.908	0.131	0.143	246
	24/04/2014	A5	B432952	0.29	0.29	<0.005	0.006	0.14	0.173	-	1.7	1.2	<0.005	<0.005	<0.5	<0.5	12,000	12,300	0.114	<0.05	<0.002	<0.002	0.748	0.771	0.101	0.091	237
	15/05/2014	A5	B439804	0.33	0.38	0.014	0.011	0.305	0.284		7.9	1.5	0.047	<0.005	<0.5	<0.5	10,900	11,400	0.285	<0.05	<0.002	<0.002	0.405	0.384	0.278	0.134	212
	22/05/2014	A5	B442060	0.21	0.23	0.017	0.012	0.199	0.174		7.4	<1	0.017	<0.005	<0.5	<0.5	8300	7990	0.494	0.08	<0.002	<0.002	0.139	0.165	0.193	0.164	179
	30/05/2014	A5	B444272	0.29	0.49	0.011	0.011	0.126	0.132	na	3	1.2	0.005	<0.005	<0.5	<0.5	8460	8650	0.154	0.142	<0.002	<0.002	0.158	0.14	0.126	0.116	161
	05/06/2014	A5	B446972	0.25	0.2	0.012	0.01	0.156	0.144		4.4	1.3	0.011	0.005	<0.5	<0.5	7090	7430	0.183	<0.05	<0.002	<0.002	0.166	0.158	0.18	0.119	144
	12/06/2014	A5	B449500	0.25	0.28	0.008	0.01	0.115	0.111		2.6	2	<0.005	0.012	<0.5	<0.5	7970	8190	0.1	0.084	<0.002	<0.002	0.187	0.18	0.135	0.13	156
	25/07/2014	A5	B464009	0.26	0.28	0.009	0.01	0.129	0.147	-	4.3	1.5	0.011	0.005	<0.5	<0.5	11,100	9630	0.181	0.076	0.0034	0.0022	0.479	0.495	0.179	0.195	196
A5	21/08/2014	A5	B474408	0.28	0.32	<0.005	0.005	0.107	0.241		2	<1	0.008	<0.005	<0.5	<0.5	11,900	11,300	0.098	<0.05	<0.002	<0.002	0.672	0.701	0.19	0.2	176
	28/08/2014	A5	B476541	0.28	0.28	0.007	0.006	0.077	0.126		3	2.1	<0.005	<0.005	<0.5	<0.5	10,900	11,100	0.075	<0.05	<0.002	<0.002	0.609	0.644	0.126	0.134	173
	05/09/2014	A5	B479164	0.22	0.26	0.009	0.008	0.103	0.146	na	1.5	4.9	0.011	0.019	<0.5	<0.5	10,100	10,100	0.092	0.052	0.0059	<0.002	0.624	0.58	0.107	0.095	168
	12/09/2014	A5	B481292	0.21	0.23	0.007	0.007	0.141	0.11		<1	<1	0.018	0.005	<0.5	<0.5	11,400	11,300	0.057	<0.05	0.0041	0.0029	0.501	0.51	0.11	0.13	195
	18/09/2014	A5	B483962	0.26	0.21	0.007	0.005	0.093	0.128		2.5	<1	0.008	<0.005	<0.5	<0.5	10,900	10,400	0.149	<0.05	0.0037	0.0087	0.525	0.496	0.133	0.119	172
	31/10/2014	A5	B499587	0.3	0.32	0.005	0.006	0.079	0.071	-	2.3	<1	0.006	0.007	<0.5	<0.5	13,400	12,700	0.076	<0.05	<0.002	<0.002	0.756	0.718	0.081	0.33	238
	27/11/2014	A5	B4A9093	0.26	0.22	0.0055	0.0051	0.134	0.095	-	2.8	2.5	0.0107	0.0081	0.62	0.74	12,100	12,500	0.065	<0.05	<0.002	0.0045	0.666	0.692	0.102	0.181	234
	18/12/2014	A5	B4B5326	0.28	0.27	0.005	<0.005	0.143	0.099	-	1.4	<1	0.0314	<0.005	0.54	<0.5	10,800	12,500	<0.05	<0.05	<0.002	<0.002	0.694	0.716	0.131	0.079	194
	22/01/2015	A5	B505986	0.32	0.28	<0.005	<0.005	0.065	0.074	-	<1	<1	0.005	<0.005	<0.5	<0.5	14,400	13,700	<0.05	<0.05	0.006	0.0052	0.932	0.843	0.068	0.071	243
	26/02/2015	A5	B516449	0.3	0.3	<0.005	0.005	3.21	0.055	-	<1	<1	<0.005	0.007	<0.5	<0.5	12,900	12,700	<0.05	<0.05	<0.002	<0.002	0.827	0.848	0.083	0.075	216
	26/03/2015	A5	B525184	0.26	0.28	0.0106	0.0067	0.079	0.095	-	14.8	<1	<0.005	<0.005	<0.5	<0.5	11,900	12,300	0.055	<0.05	<0.002	<0.002	0.715	0.746	0.09	0.077	230
	23/04/2015	A5	B533584	0.31	0.35	0.0125	0.0169	0.106	0.105	-	3.1	1.8	<0.005	0.0142	<0.5	<0.5	10,300	10,900	0.208	<0.05	<0.002	<0.002	0.343	0.377	0.142	0.138	202
	14/05/2015	A5	B540628	0.48	0.35	0.0471	0.0166	3.02	0.266		19.5	3.7	0.11	0.0135	<0.5	<0.5	11,200	11,200	1.82	0.262	<0.002	<0.002	0.314	0.281	1.01	0.27	373
	21/05/2015	A5	B542667	0.29	0.33	0.011	0.009	0.192	0.1		6.2	3.2	0.009	<0.005	<0.5	<0.5	9700	9300	0.262	<0.05	<0.002	<0.002	0.217	0.206	0.159	0.143	184
	28/05/2015	A5	B545872	0.23	0.28	0.008	0.01	0.09	0.085		4.1	<1	0.005	<0.005	<0.5	<0.5	9250	9370	0.194	<0.05	<0.002	<0.002	0.181	0.17	0.174	0.201	170
	28/05/2015	A5-DUP	B545872	0.26	0.28	0.013	0.008	0.1	-		10.4	<1	0.023	<0.005	<0.5	<0.5	8860	8890	0.526	<0.05	<0.002	<0.002	0.177	0.167	0.264	0.14	159
	05/06/2015	A5	B547761	0.24	0.26	0.0117	0.0101	0.117	0.089	na	3.6	<1	0.005	<0.005	<0.5	<0.5	8830	8960	0.194	<0.05	<0.002	<0.002	0.162	0.17	0.205	0.156	151
	05/06/2015	A5-DUP	B547761	0.27	0.26	0.0134	0.0095	0.487	-		8.9	1.1	0.0264	<0.005	<0.5	<0.5	8850	9140	0.424	<0.05	<0.002	<0.002	0.168	0.179	0.207	0.167	168
	11/06/2015	A5	B549906	0.27	0.28	0.0096	0.008	0.113	0.213		2.9	2.7	0.0064	<0.005	<0.5	<0.5	9290	9250	0.154	0.059	<0.002	<0.002	0.218	0.242	0.248	0.114	172
	11/06/2015	A5-DUP	B549906	0.3	0.3	0.0093	0.0082	0.099	-		4.1	2	0.0057	<0.005	<0.5	<0.5	8980	9420	0.154	0.067	<0.002	<0.002	0.253	0.203	0.121	0.281	161
	23/07/2015	A5	B563471	0.34	0.31	0.0057	<0.005	<0.05	0.05	-	1.7	<1	<0.005	0.009	<0.5	<0.5	11,700	11,500	0.069	<0.05	<0.002	<0.002	0.535	0.494	0.104	0.089	190
	20/08/2015	A5	B572515	0.29	0.31	<0.005	0.005	0.078	0.078		<1	<1	<0.005	<0.005	<0.5	<0.5	12,800	12,300	0.062	<0.05	<0.002	<0.002	0.67	0.671	0.081	0.08	192
	27/08/2015	A5	B575103	0.32	0.31	0.005	0.005	0.092	0.114		<1	4.8	<0.005	<0.005	<0.5	<0.5	11,500	12,500	0.05	0.1	<0.002	<0.002	0.651	0.693	0.089	0.102	187
	03/09/2015	A5	B577658	0.28	0.35	0.007	0.009	0.052	0.05	na	4.1	3.3	0.005	<0.005	<0.5	<0.5	12,600	12,500	0.195	<0.05	<0.002	<0.002	0.736	0.626	0.065	0.088	198
	11/09/2015	A5	B579637	0.33	0.32	0.005	0.005	0.05	0.067		<1	<1	<0.005	<0.005	0.56	0.77	12,400	12,500	<0.05	<0.05	<0.002	<0.002	0.72	0.728	0.08	0.081	217
	18/09/2015	A5	B582068	0.3	0.3	0.006	<0.005	0.073	0.085		<1	<1	<0.005	<0.005	0.65	1.05	12,000	11,600	<0.05	<0.05	<0.002	<0.002	0.693	0.686	0.054	0.058	205
	12/05/2016	A5	B637198	0.29	0.36	0.011	0.01	0.062	0.079	-	1.7	1.3	0.005	<0.005	<0.5	<0.5	9810	9780	0.084	<0.05	<0.002	<0.002	0.213	0.238	0.101	0.103	175
	20/07/2018	A5	L2133661	0.33	0.3	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	<1	<1	12,600	11,600	0.13	<0.1	<0.005	<0.005	0.48	0.461	<0.5	<0.5	172
	09/11/2018	A5	L2195291	0.29	0.31	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	<1	<1	12,700	14,000	<0.1	<0.1	<0.005	<0.005	0.783	0.811	<0.5	<0.5	204
	05/03/2019	A5	L2240838	0.39	0.31	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	<1	<1	14,200	13,200	<0.1	<0.1	<0.005	<0.005	0.925	0.845	<0.5	<0.5	243
	17/06/2019	A5	L2295044	0.31	0.34	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	<1	<1	10,000	9510	0.14	<0.1	<0.005	<0.005	0.258	0.285	<0.5	<0.5	171
	15/05/2012	G1	B240844	0.46	<0.1	1.5	0.029	2.39	0.387	-	923	19.4	2	0.018	4.78	3.95	9420	8790	109	0.932	<0.01	<0.01	0.495	0.645	3.49	0.455	605
	19/06/2012	G1	B252527	0.21	<0.1	0.201	0.0213	0.783	0.47	-	219	16.2	0.458	0.022	3.28	3.08	6690	6750	16.9	0.428	<0.01	<0.01	0.533	0.563	0.877	0.383	406
	25/07/2012	G1	B265706	0.14	0.1	0.045	0.016	0.516	0.329	-	53.7	6.8	0.157	0.089	5.38	4.91	9650	9870	3.3	0.431	<0.01	<0.01	0.905	0.92	0.389	0.417	495
	26/08/2012	G1	B276408	0.15	0.11	0.027	0.009	0.366	0.371	-	26.6	4.6	0.03	0.013	8.35	8.13	12,100	12,100	2.07	0.364	<0.01	<0.01	1.22	1.25	0.263	0.264	600
	18/09/2012	G1	B283851	<0.1	<0.1	0.014	0.012	0.239	0.59	-	18.3	3.4	0.019	0.006	9.7	9.72	11,800	12,900	1.42	0.31	<0.01	<0.01	1.21	1.31	0.242	0.223	613
	18/09/2012	G1-DUP	B283851	<0.1	<0.1	0.025	0.006	0.754	-	-	21.7	7.9	0.022	0.038	9.91	8.68	13,200	12,200	1.63	0.332	<0.01	<0.01	1.41	1.36	0.349	0.267	621
	25/10/2012	G1	B297129	<0.1	<0.1	0.023	0.01	0.319	0.282	-	22.9	4.5	0.036	0.034	9.67	9.73	12,300	12,500	2.02	0.44	<0.01	<0.01	1.25	1.24	0.33	0.39	578
	24/11/2012	G1	B2A7294	0.18	<0.1	0.037	0.014	0.726	0.413	-	35.5	9.1	0.081	0.012	8.78	8.74	10,800	10,700	2.43	0.392	<0.01	<0.01	1.04	1.12	0.686	0.324	597
	16/12/2012	G1	B2B4014	<0.1	<0.1	0.027	0.013	0.895	0.289	-	28.1	4.4	0.034	0.009	9.75	9.33	12,400	12,600	2.51	0.379	<0.01	<0.01	1.29	1.29	0.346	0.309	577
	25/01/2013	G1	B306701	<0.1	<0.1	0.038	0.01	0.283	0.247	-	31.4	4.5	0.046	0.046	10.5	10.3	12,000	11,500	3.91	0.293	<0.01	<0.01	1.34	1.4	0.348	0.246	571
	21/02/2013	G1	B314188	<0.1	<0.1	0.096	0.009	0.582	0.253	-	108	4.9	0.189	0.011	12	11.6	13,100	12,800	11.7	0.245	<0.01	<0.01	1.2	1.36	0.501	0.237	569
	21/03/2013	G1	B322778	0.12	<0.1	0.044	0.012	0.425	0.342	-	41.5	6.5	0.059	0.008	11.8	11.7	12,400	12,500	4.98	0.417	<0.01	<0.01	1.23	1.37	0.374	0.236	610
	18/04/2013	G1	B331290	0.1	<0.1	0.051	0.014	0.433	0.283	-	56.8	4.8	0.068	<0.005	11.6	11.3	12,400	12,300	4.75	0.342	<0.01	<0.01	1.3	1.42	0.436	0.31	624
	24/05/2013	G1	B341818	0.28	0.11	0.289	0.046	0.925	0.477	-	258	27.7	0.454	0.019	3.53	3.26	7500	7560	24	1.93	<0.01	<0.01	0.624	0.669	1.09	0.56	495
	18/07/2013	G1	B361929	<0.1	<0.1	0.024	0.014	0.291	0.307	-	22.6	5.9	0.038	0.009	6.16	6.1	10,800	10,800	2.54	0.954	<0.01	<0.01	1.19	1.23	0.341	0.364	574
	27/08/2013	G1	B376651	0.15	0.27	0.013	0.012	0.144	0.18	-	5.7	2.9	0.01	<0.005	5.41	5.6	15,900	15,800	0.506	0.185	<0.01 - 0.012	<0.01	1.47	1.48	0.129	0.136	581
	26/09/2013	G1	B388572	0.22	0.11	0.012	0.012	0.179	0.178	-	3.7	1.7	0.026	0.006	5.68	5.37	16,000	15,300	0.233	0.108	<0.01	<0.01	1.56	1.4	0.132	0.132	545
	23/10/2013	G1	B399458	0.15	0.19	0.01	<0.005	0.15	0.234	-	5.5	1.3	0.005	<0.005	5.25	5.37	15,800	15,500	0.336	0.115	<0.01	<0.002	1.34	1.48	0.129	0.147	522
	21/11/2013	G1	B3A8725	<0.1	<0.1	0.018	0.009	0.259	0.252	-	18	2.5	0.03	<0.005	8.35	8.95	13,000	11,900	2.63	1.18	<0.01	<0.002	1.19	1.44	0.346	0.301	539
	23/12/2013	G1	B3B8312	<0.1	0.14	0.025	0.009	0.338	0.398	-	21.6	6.7	0.027	<0.005	9.74	9.85	13,000	12,200	2.69	1.09	<0.002	<0.002	1.49	1.44	0.343	0.223	548
	28/01/2014	G1	B407313	<0.1	<0.1	0.009	<0.005	0.242	0.124	-	8.6	<1	0.015	<0.005	6.23	6.21	15,700	15,500	0.602	0.081	<0.002	<0.002	1.28	1.27	0.138	0.095	511
	27/02/2014	G1	B416171	<0.1	<0.1	0.026	0.009	0.362	0.828	-	33.6	5.9	0.023	<0.005	11	10.6	13,000	12,500	2.42	0.961	<0.002	<0.002	1.65	1.58	0.321	0.247	567
	28/03/2014	G1	B424928	0.12	<0.1	0.022	0.011	0.316	0.266	-	27.9	29.3	0.022	0.015	10.9	12.6	13,600	12,800	1.57	0.645	<0.002	<0.002	1.69	1.71	0.334	0.305	600
	25/04/2014	G1	B432952	0.18	<0.1	0.063	0.018	0.509	0.377	-	75.5	12.3	0.073	<0.005	12.8	11.9	13,300	13,000	5.93	0.688	<0.002	<0.002	1.35	1.39	0.499	0.396	677
	16/05/2014	G1	B439804	0.38	0.13	0.329	0.033	1.44	0.755		538	26.3	0.558	0.015	5.39	4.8	10,200	10,100	35.1	1.15	0.0072	0.0031	0.636	0.758	1.41	0.536	541
	23/05/2014	G1	B442060	0.33	0.18	0.638	0.03	1.72	0.501		726	27.6	1.06	0.033	3.89	3.42	8300	7970	61.3	1.02	0.002	0.0027	0.581	0.642	2.01	0.472	499
	23/05/2014	G1-DUP	B442060	0.41	<0.1	0.753	0.024	1.97	-		850	21.7	1.42	0.012	4.17	3.27	8510	8000	72	0.949	<0.002	0.0027	0.56	0.642	2.33	0.451	509
	29/05/2014	G1	B444272	0.26	0.21	0.163	0.029	0.82	0.531	na	212	25.4	0.287	0.027	3.66	3.59	7860	7930	12.8	0.675	<0.002	0.0028	0.569	0.619	1.03	0.5	437
	06/06/2014	G1	B446972	0.23	0.1	0.232	0.024	1.02	0.371		217	20.3	0.409	0.014	3.35	3.35	7310	7090	17.4	0.437	0.0027	0.0025	0.582	0.575	0.898	0.337	425
	13/06/2014	G1	B449500	0.19	0.13	0.135	0.024	0.579	0.434		193	20.5	0.225	0.032	3.32	3.35	6950	6980	11.3	1.17	<0.002	0.0057	0.58	0.572	1.62	0.417	422
	13/06/2014	G1-DUP	B449500	0.16	0.12	0.177	0.02	0.702	-		201	18	0.27	0.017	3.36	3.35	6760	7210	16.3	0.569	0.0021	0.0029	0.636	0.596	0.852	0.384	420
G1	25/07/2014	G1	B464009	0.49	0.82	0.069	0.04	0.496	0.386	-	52.6	29.4	0.106	0.016	7.1	6.72	12,600	11,100	10.7	1.11	<0.002	0.0026	1.17	1.24	0.726	0.787	640
	22/08/2014	G1	B474408	0.18	<0.1	0.186	0.012	0.759	0.43		173	4.9	0.246	0.008	9.47	8.42	13,300	12,400	21.4	0.609	0.0036	0.0044	1.38	1.56	0.808	0.301	691
	29/08/2014	G1	B476541	<0.1	<0.1	0.108	0.012	0.779	0.417		74.2	5.6	0.163	0.009	10.6	9.7	12,600	12,400	15.3	0.524	0.0043	0.0054	1.37	1.55	0.583	0.464	631
	29/08/2014	G1-DUP	B476541	0.11	<0.1	0.137	0.012	0.829	-		123	5.8	0.193	<0.005	10.2	10.3	12,800	12,600	16.4	0.541	0.0045	0.0039	1.37	1.48	0.694	0.375	727
	05/09/2014	G1-DUP	B479164	0.17	<0.1	0.111	0.02	0.657	-	na	88.8	11.2	0.164	0.022	9.4	9.69	11,300	12,400	14.3	0.66	0.0087	0.0049	1.1	1.25	0.635	0.385	608
	06/09/2014	G1	B479164	<0.1	<0.1	0.113	0.019	0.673	0.508		75.2	9.9	0.149	0.005	9.35	9.63	11,400	11,300	13.8	0.612	0.0056	<0.002	1.26	1.21	0.611	0.475	608
	12/09/2014	G1	B481292	<0.1	<0.1	0.103	0.014	0.719	0.444		90	6.3	0.165	0.01	10.4	10.4	13,500	13,500	12.8	0.704	<0.002	0.0059	1.14	1.35	0.521	0.346	642
	19/09/2014	G1	B483962	0.97	<0.1	0.241	0.019	1.16	0.485		321	5.3	0.314	0.006	10.6	10.5	13,100	12,600	24.1	0.772	<0.002	<0.002	1.39	1.43	0.993	0.338	970
	30/10/2014	G1	B499587	0.14	<0.1	0.077	0.014	0.608	0.426	-	56	7.1	0.105	0.006	9.36	9.5	11,900	12,000	11.1	0.694	<0.002	<0.002	1.19	1.26	0.503	0.653	578
	28/11/2014	G1	B4A9093	0.99	<0.1	0.722	0.0174	2.19	0.607	-	1560	13.8	1.05	0.0166	7.52	6.22	10,600	10,100	59.6	1.11	<0.002	0.0049	1.16	0.908	2.52	0.922	1070
	18/12/2014	G1	B4B5326	0.53	<0.1	0.106	0.013	0.769	0.433	-	154	9	0.144	0.009	8.02	7.28	9870	10,800	9.75	0.402	<0.002	<0.002	1.06	1.13	0.718	0.39	625
	22/01/2015	G1	B505986	0.48	0.11	0.216	0.014	1.22	0.38	-	199	5.7	0.318	0.008	9.96	9.35	13,600	12,600	29.5	0.5	<0.002	0.0039	1.06	1.48	0.844	0.314	713
	26/02/2015	G1	B516449	0.21	<0.1	0.148	0.012	0.89	0.388	-	113	6.7	0.207	0.009	8.88	8.24	11,900	11,900	22	0.544	<0.002	<0.002	0.903	1.26	0.653	0.347	571
	27/03/2015	G1	B525184	0.11	<0.1	0.056	0.0142	0.588	0.36	-	57.7	5.8	0.0741	<0.005	8.97	9.69	11,200	11,600	6.81	0.4	<0.002	<0.002	0.991	1.14	0.422	0.311	570
	24/04/2015	G1	B533584	<0.5	<0.1	0.233	0.0161	1	0.291	-	574	6.9	0.319	<0.005	5.68	5.53	11,100	11,500	15.9	0.438	<0.002	<0.002	0.916	0.87	0.92	0.321	670
	14/05/2015	G1	B540628	0.25	0.11	0.1	0.0461	0.62	0.897		137	15	0.137	0.0313	4.55	4.38	11,300	11,400	8.15	2.05	<0.002	<0.002	0.867	0.901	0.6	0.465	507
	22/05/2015	G1	B542667	0.39	0.11	0.188	0.016	0.692	0.28		497	10.4	0.394	0.005	4.93	4.29	9220	8890	10.6	0.366	<0.002	<0.002	0.727	0.639	0.918	0.334	505
	29/05/2015	G1	B545872	0.29	0.11	0.525	0.019	1.04	0.233	na	465	10.5	1.08	0.006	3.5	3.65	9120	8660	38.2	0.378	<0.002	<0.002	0.631	0.614	1.48	0.382	445
	04/06/2015	G1	B547761	0.95	<0.1	0.598	0.0166	2.28	0.231		1330	12.4	0.998	0.0069	3.99	3.45	8890	8470	34.8	0.436	0.0022	<0.002	0.827	0.638	2.24	0.311	760
	12/06/2015	G1	B549906	0.18	<0.1	0.0868	0.0116	0.397	0.445		141	7.2	0.152	<0.005	3.4	3.69	9500	9170	8.34	0.32	<0.002	<0.002	0.765	0.769	0.576	0.266	469
	24/07/2015	G1	B563471	<0.5	<0.1	0.13	0.0143	0.96	0.26	-	207	12.9	0.193	<0.005	9.22	8.29	12,600	12,400	11.4	1.07	<0.002	<0.002	1.53	1.4	0.67	0.315	770
	21/08/2015	G1	B572515	0.11	<0.1	0.106	0.016	0.887	0.368		105	3.8	0.157	<0.005	11.6	11.6	14,100	14,100	10.9	1.61	<0.002	<0.002	1.65	1.68	0.548	0.334	800
	28/08/2015	G1	B575103	0.18	<0.1	0.075	0.015	4.6	2.65		135	4.6	0.108	0.011	10.7	10.7	13,600	13,700	8.75	1.6	<0.002	<0.002	1.65	1.69	1.11	0.429	791
	04/09/2015	G1	B577658	<0.5	<0.1	0.186	0.011	0.91	0.348	0.8	383	6	0.253	<0.005	10.7	10.6	12,100	13,400	13.9	1.32	<0.002	<0.002	1.58	1.51	0.8	0.343	820
	10/09/2015	G1	B579637	0.15	<0.1	0.084	0.016	0.474	0.344		113	6.2	0.134	0.009	11.5	12.4	13,400	13,500	8.57	1.11	<0.002	<0.002	1.56	1.62	0.513	0.338	735
	18/09/2015	G1	B582068	0.1	<0.1	0.061	0.012	0.406	0.276		54.7	3.5	0.084	<0.005	11.6	11.3	13,500	12,800	7.8	1.2	<0.002	<0.002	1.5	1.51	0.39	0.271	724
	13/05/2016	G1	B637198	-	<0.1	-	0.013	-	0.309	-	-	8.1	-	<0.005	-	3.91	-	8910	-	0.378	-	<0.002	-	0.677	-	0.318	-
	20/07/2018	G1	L2133661	0.13	0.1	<0.1	<0.1	<0.5	0.32	-	40	<10	<0.05	<0.05	8.4	8.2	13,400	12,000	2.31	0.7	<0.005	<0.005	1.31	1.3	<0.5	<0.5	627
	09/11/2018	G1	L2195291	0.13	<0.1	<0.1	<0.1	<0.5	0.3	-	39	45	<0.05	<0.05	12.2	12.2	14,300	14,800	2.31	1.08	<0.005	<0.005	1.64	1.6	<0.5	<0.5	589
	05/03/2019	G1	L2240838	<0.1	<0.1	<0.1	<0.1	<0.5	0.2	-	21	<10	<0.05	<0.05	12.3	14.5	13,300	16,800	0.78	0.39	<0.005	<0.005	1.8	1.86	<0.5	<0.5	592
	17/06/2019	G1	L2295044	0.15	0.12	<0.1	<0.1	<0.5	0.28	-	76	<10	0.104	<0.05	5	5.2	10,600	10,600	2.91	0.35	<0.005	<0.005	0.818	0.87	<0.5	<0.5	485
	18/06/2019	G1-DUP	L2295044	0.17	<0.1	<0.1	<0.1	<0.5	-	-	82	<10	0.082	<0.05	5.1	5.1	10,700	10,300	2.75	0.33	<0.005	<0.005	0.811	0.825	<0.5	<0.5	494

Metals (continued)

Sample Date	Sample ID	Lab Report Number	Potassium (Filtered)	Rubidium	Rubidium (Filtered)	Selenium	Selenium; Averaged	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver; Averaged	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc; Averaged	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L
RDL			10	0.2	0.2	0.04	0.04	0.04	50	50	0.005	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1		0.1	0.06	0.06
BC WQG Approved Long Term Average (Chronic) - Freshwater						2[#10]	2[#10]				Variable	Variable																						Variable[#4]				
18/06/2012	A5	B252527	144	-	-	0.182	-	0.192	1190	1320	<0.005	-	<0.005	166	169	18.9	18.7	-	-	0.0034	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.21	0.207	<0.2	<0.2	3.06	-	3.2	<0.1	<0.1
24/07/2012	A5	B265706	205	-	-	0.499	-	0.504	1210	1260	<0.005	-	<0.005	203	233	23.3	22.8	-	-	0.004	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.352	0.327	<0.2	<0.2	0.44	-	2.5	<0.1	<0.1
25/08/2012	A5	B276408	183	-	-	1.09	-	0.926	1550	1500	<0.005	-	<0.005	218	216	30.5	31.1	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.528	0.538	<0.2	0.21	0.43	-	0.39	<0.1	<0.1
17/09/2012	A5	B283851	207	-	-	1.07	-	1.3	1550	1520	<0.005	-	<0.005	225	234	31.4	33.9	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.631	0.571	<0.2	<0.2	0.21	-	0.32	<0.1	<0.1
24/10/2012	A5	B297129	211	-	-	1.31	-	1.5	1470	1480	<0.005	-	<0.005	210	224	35.3	36.4	-	-	0.003	0.003	-	-	0.25	<0.2	<0.5	<0.5	-	-	0.695	0.688	<0.2	<0.2	1.4	-	0.63	<0.1	<0.1
24/11/2012	A5	B2A7294	225	-	-	1.11	-	1.04	1950	1960	<0.005	-	<0.005	271	229	35.9	36.5	-	-	0.003	0.003	-	-	0.24	0.58	<0.5	<0.5	-	-	0.701	0.691	<0.2	<0.2	2.89	-	1.18	<0.1	<0.1
15/12/2012	A5	B2B4014	259	-	-	1.16	-	1.38	2050	2040	<0.005	-	<0.005	243	255	36	36.9	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.753	0.763	<0.2	<0.2	0.39	-	1.25	<0.1	<0.1
24/01/2013	A5	B306701	221	-	-	1.49	-	1.75	2070	2080	<0.005	-	<0.005	241	224	37	36.1	-	-	0.002	0.003	-	-	<0.2	<0.2	1.32	<0.5	-	-	0.765	0.725	<0.2	<0.2	2.68	-	0.52	<0.1	<0.1
20/02/2013	A5	B314188	226	-	-	1.55	-	1.44	2090	1990	<0.005	-	<0.005	223	227	39.2	39.7	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.778	0.782	<0.2	<0.2	0.49	-	0.38	<0.1	<0.1
20/03/2013	A5	B322778	255	-	-	1.52	-	1.51	2020	1810	<0.005	-	<0.005	271	242	36.6	38.8	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.751	0.765	<0.2	<0.2	0.34	-	0.74	<0.1	<0.1
17/04/2013	A5	B330896	249	-	-	1.2	-	1.28	1740	1760	<0.005	-	<0.005	233	233	37.7	37.2	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.826	0.745	<0.2	<0.2	0.49	-	0.52	<0.1	<0.1
23/05/2013	A5	B341817	162	-	-	0.203	-	0.166	1220	1240	<0.005	-	<0.005	187	174	20.1	20.1	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.217	0.212	0.32	<0.2	0.94	-	0.5	<0.1	<0.1
20/06/2013	A5	B351922	218	-	-	0.16	-	0.149	1290	1060	<0.005	-	<0.005	148	134	16	13.9	-	-	0.021	0.002	-	-	<0.2	<0.2	3.01	<0.5	-	-	0.239	0.126	0.42	<0.2	5.52	-	0.92	0.11	<0.1
17/07/2013	A5	B361290	155	-	-	0.787	-	0.691	1500	1250	<0.005	-	<0.005	176	185	20.7	23	-	-	0.002	<0.002	-	-	0.44	<0.2	<0.5	<0.5	-	-	0.363	0.371	<0.2	<0.2	1.07	-	0.51	<0.1	<0.1
26/08/2013	A5	B376191	203	-	-	1.07	-	0.916	1810	1750	<0.005	-	<0.005	232	241	31.4	31.1	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.548	0.612	<0.2	<0.2	0.89	-	0.5	<0.1	<0.1
26/09/2013	A5	B388572	206	-	-	1.1	-	1.14	1760	1780	<0.005	-	<0.005	236	220	32.9	34.1	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.634	0.644	<0.2	<0.2	0.35	-	0.35	<0.1	<0.1
26/09/2013	A5-DUP	B388572	212	-	-	1.21	-	1.2	1840	1850	<0.005	-	<0.005	252	230	33.6	33.2	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.623	0.602	<0.2	<0.2	0.41	-	0.45	<0.1	<0.1
24/10/2013	A5	B399472	311	-	-	0.597	-	0.671	1860	1690	<0.005	-	<0.005	752	754	53.5	56.1	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.439	0.462	<0.2	<0.2	0.37	-	0.39	<0.1	<0.1
21/11/2013	A5	B3A8725	206	-	-	1.13	-	1.32	1630	1810	<0.005	-	<0.005	252	234	33.1	30.6	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.686	0.663	<0.2	<0.2	1.12	-	0.27	<0.1	<0.1
22/12/2013	A5	B3B7782	205	-	-	1.37	-	1.42	1770	1860	<0.005	-	<0.005	234	217	35.1	33.9	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.726	0.68	<0.2	<0.2	0.44	-	0.27	<0.1	<0.1
28/01/2014	A5	B407313	228	-	-	1.44	-	1.42	2010	1950	<0.005	-	<0.005	241	240	36.5	37.4	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.72	0.732	<0.2	<0.2	0.39	-	0.56	<0.1	<0.1
26/02/2014	A5	B416171	219	-	-	1.52	-	1.52	1950	1910	0.01	-	<0.005	243	243	37.6	37.7	-	-	0.006	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.753	0.765	<0.2	<0.2	0.39	-	0.36	<0.1	<0.1
27/03/2014	A5	B424928	231	-	-	1.66	-	1.68	1920	2030	<0.005	-	<0.005	227	235	38.3	37.7	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.769	0.749	<0.2	<0.2	0.31	-	0.65	<0.1	<0.1
24/04/2014	A5	B432952	250	-	-	1.21	-	1.23	1860	2050	<0.005	-	<0.005	306	230	35.7	36.9	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.736	0.743	<0.2	<0.2	0.31	-	0.33	<0.1	<0.1
15/05/2014	A5	B439804	200	-	-	0.553		0.546	1660	1630	<0.005		<0.005	203	194	30.5	33.4	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.57	0.542	0.22	<0.2	1.54		0.52	<0.1	<0.1
22/05/2014	A5	B442060	167	-	-	0.205		0.204	1220	1230	<0.005		<0.005	177	173	23.7	24.2	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.276	0.279	<0.2	<0.2	0.77		0.47	<0.1	<0.1
30/05/2014	A5	B444272	158	-	-	0.208	na	0.188	1330	1300	<0.005	na	<0.005	187	184	22.5	22.3	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.263	0.259	0.21	<0.2	0.49	na	0.34	<0.1	<0.1
05/06/2014	A5	B446972	140	-	-	0.173		0.209	1230	1220	<0.005		<0.005	171	181	20.6	21	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.234	0.239	<0.2	<0.2	0.65		0.34	<0.1	<0.1
12/06/2014	A5	B449500	149	-	-	0.227		0.223	1260	1120	<0.005		<0.005	177	184	22.5	21.9	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.266	0.275	<0.2	<0.2	0.71		0.58	<0.1	<0.1
25/07/2014	A5	B464009	184	-	-	0.611	-	0.676	1420	1460	<0.005	-	<0.005	224	231	29.5	26.7	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.466	0.444	<0.2	0.2	0.74	-	0.78	<0.1	<0.1
21/08/2014	A5	B474408	190	-	-	1.01		0.913	1450	1650	<0.005		<0.005	203	211	33.4	34	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.54	0.595	<0.2	0.2	0.59		0.28	<0.1	<0.1
28/08/2014	A5	B476541	170	-	-	0.949		1.04	1560	1620	<0.005		<0.005	215	208	32.2	32.4	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.534	0.548	<0.2	0.2	0.48		0.43	<0.1	<0.1
05/09/2014	A5	B479164	167	-	-	0.787	na	0.792	1560	1510	<0.005	na	<0.005	180	185	32.7	34.1	-	-	<0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.494	0.517	<0.2	<0.2	0.37	na	2.82	<0.1	<0.1
12/09/2014	A5	B481292	187	-	-	0.832		0.745	1630	1490	<0.005		<0.005	221	214	30.1	30.1	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.481	0.49	<0.2	0.23	0.42		0.37	<0.1	<0.1
18/09/2014	A5	B483962	183	-	-	0.681		0.65	1430	1390	<0.005		<0.005	208	201	31.5	30.6	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.475	0.476	<0.2	<0.2	0.42		0.36	<0.1	<0.1
31/10/2014	A5	B499587	240	-	-	1.1	-	1.13	1800	2010	<0.005	-	<0.005	242	225	34.9	33.9	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.647	0.676	<0.2	<0.2	0.53	-	0.31	<0.1	<0.1
27/11/2014	A5	B4A9093	236	-	-	0.987	-	0.941	1910	1930	<0.005	-	0.0123	234	235	34.4	32.2	-	-	0.0026	0.0025	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.696	0.756	<0.2	<0.2	0.38	-	0.39	<0.1	<0.1
18/12/2014	A5	B4B5326	199	-	-	0.994	-	1.06	1910	2210	<0.005	-	<0.005	199	229	31.7	35	-	-	0.0025	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.732	0.728	<0.2	<0.2	0.38	-	0.36	<0.1	<0.1
22/01/2015	A5	B505986	215	-	-	1.24	-	1.13	2080	1920	<0.005	-	<0.005	242	239	37	38	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.744	0.756	<0.2	<0.2	0.34	-	0.34	<0.1	<0.1
26/02/2015	A5	B516449	214	-	-	1.4	-	1.24	2170	2050	<0.005	-	<0.005	240	225	34.2	34.7	-	-	<0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.829	0.785	<0.2	<0.2	0.49	-	1.55	<0.1	<0.1
26/03/2015	A5	B525184	235	-	-	1.1	-	0.933	1830	1720	<0.005	-	<0.005	230	251	34.3	36.6	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.757	0.795	<0.2	<0.2	0.45	-	0.48	<0.1	<0.1
23/04/2015	A5	B533584	199	-	-	0.418	-	0.45	1680	1560	<0.005	-	<0.005	213	205	34.2	33	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.545	0.546	<0.2	<0.2	0.68	-	0.38	<0.1	<0.1
14/05/2015	A5	B540628	210	-	-	0.313		0.342	1430	1650	<0.005		<0.005	757	267	29.3	30.1	-	-	0.0052	0.0034	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.505	0.489	<0.2	0.3	24.3		1.83	<0.1	<0.1
21/05/2015	A5	B542667	161	-	-	0.232		0.264	1160	1280	<0.005		<0.005	207	199	25.7	23.5	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.337	0.326	0.2	0.23	0.57		0.4	<0.1	<0.1
28/05/2015	A5	B545872	171	-	-	0.219		0.218	1270	1160	<0.005		<0.005	188	191	24.8	25.4	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.293	0.299	<0.2	<0.2	0.45		0.3	<0.1	<0.1
28/05/2015	A5-DUP	B545872	165	-	-	0.227	na	0.231	1300	1220	<0.005	na	<0.005	190	202	23.6	24.3	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.299	0.294	0.21	<0.2	1.99	na	0.36	<0.1	<0.1
05/06/2015	A5	B547761	158	-	-	0.211		0.219	1360	1310	<0.005		<0.005	189	202	23.1	23.2	-	-	0.0021	0.0022	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.286	0.296	<0.2	<0.2	0.53		0.32	<0.1	<0.1
05/06/2015	A5-DUP	B547761	161	-	-	0.215		0.208	1410	1350	<0.005		<0.005	225	214	23.2	23.7	-	-	0.0023	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.298	0.295	<0.2	<0.2	2.6		0.36	<0.1	<0.1
11/06/2015	A5	B549906	159	-	-	0.284		0.259	1320	1280	<0.005		<0.005	207	200	24.5	22.8	-	-	0.0025	0.0024	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.357	0.384	<0.2	0.2	1.43		0.34	<0.1	<0.1
11/06/2015	A5-DUP	B549906	163	-	-	0.287		0.264	1290	1310	<0.005		<0.005	200	207	23.8	23.3	-	-	0.0032	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.376	0.332	<0.2	<0.2	0.62		0.54	<0.1	<0.1
23/07/2015	A5	B563471	179	-	-	0.751	-	0.761	1580	1560	<0.005	-	<0.005	227	217	29.7	28.1	-	-	0.003	0.0023	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.599	0.585	0.25	0.24	0.42	-	0.4	<0.1	<0.1
20/08/2015	A5	B572515	200	-	-	1		0.978	1770	1960	<0.005		<0.005	238	240	33.7	36.2	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.639	0.62	<0.2	<0.2	0.41		0.39	<0.1	<0.1
27/08/2015	A5	B575103	198	-	-	0.926		1.06	1630	1750	<0.005		<0.005	212	232	32.9	35.7	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.638	0.655	0.24	<0.2	0.8		0.98	<0.1	<0.1
03/09/2015	A5	B577658	198	-	-	0.959	na	1.02	1610	1460	<0.005	na	<0.005	230	219	34.1	33.8	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.664	0.636	<0.2	<0.2	0.51	na	0.8	<0.1	<0.1
11/09/2015	A5	B579637	213	-	-	1.05		1.1	1720	1850	<0.005		<0.005	235	229	36.4	35.8	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.662	0.698	<0.2	0.31	0.4		0.36	<0.1	<0.1
18/09/2015	A5	B582068	202	-	-	1.09		1.01	1600	1560	<0.005		<0.005	219	195	32.4	33.5	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.681	0.66	<0.2	<0.2	0.46		0.29	<0.1	<0.1
12/05/2016	A5	B637198	159	-	-	0.253	-	0.295	1380	1300	<0.005	-	<0.005	201	216	26.8	25.1	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.369	0.379	<0.2	<0.2	0.67	-	0.63	<0.1	<0.1
20/07/2018	A5	L2133661	185	<0.2	<0.2	0.845	-	0.779	1700	1490	<0.01	-	<0.01	230	232	29.5	29.6	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.556	0.546	<0.5	<0.5	<3	-	<1	<0.06	<0.06
09/11/2018	A5	L2195291	221	<0.2	<0.2	1.31	-	1.31	1750	1610	<0.01	-	<0.01	248	257	36.6	38.9	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.74	0.72	<0.5	<0.5	<3	-	<1	<0.06	<0.06
05/03/2019	A5	L2240838	244	<0.2	<0.2	1.77	-	1.73	2100	1960	<0.01	-	<0.01	268	237	43.6	38.4	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.828	0.836	<0.5	<0.5	<3	-	<1	<0.06	<0.06
17/06/2019	A5	L2295044	186	<0.2	<0.2	0.357	-	0.365	1330	1300	<0.01	-	<0.01	215	233	25.5	26.9	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.387	0.431	<0.5	<0.5	<3	-	<1	<0.2	<0.2
15/05/2012	G1	B240844	494	-	-	0.365	-	0.35	3090	2480	0.026	-	<0.005	1710	1680	130	118	-	-	0.038	0.006	-	-	<0.2	<0.2	2.73	<0.5	-	-	0.237	0.093	0.86	<0.2	10.3	-	1.26	0.23	0.11
19/06/2012	G1	B252527	365	-	-	0.352	-	0.275	2490	2370	0.0077	-	<0.005	1140	1140	86.1	82.8	-	-	0.0181	0.0054	-	-	<0.2	<0.2	1.37	<0.5	-	-	0.0988	0.0692	0.33	<0.2	6.89	-	4.1	0.17	<0.1
25/07/2012	G1	B265706	454	-	-	0.296	-	0.278	2300	2520	<0.005	-	<0.005	1920	2010	116	118	-	-	0.008	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.133	0.122	<0.2	<0.2	1.15	-	0.75	<0.1	<0.1
26/08/2012	G1	B276408	573	-	-	0.397	-	0.457	2760	2680	<0.005	-	<0.005	3450	3430	152	150	-	-	0.007	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.202	0.192	0.22	<0.2	0.26	-	0.33	<0.1	<0.1
18/09/2012	G1	B283851	620	-	-	0.387	-	0.44	2690	2720	<0.005	-	<0.005	3720	4060	144	173	-	-	0.006	0.006	-	-	<0.2	<0.2	1.22	<0.5	-	-	0.22	0.224	<0.2	<0.2	0.36	-	0.41	0.19	<0.1
18/09/2012	G1-DUP	B283851	619	-	-	0.387	-	0.433	3160	2440	<0.005	-	<0.005	4100	3820	171	165	-	-	0.006	0.008	-	-	<0.2	<0.2	0.77	<0.5	-	-	0.246	0.229	<0.2	<0.2	0.67	-	2.2	<0.1	<0.1
25/10/2012	G1	B297129	575	-	-	0.541	-	0.586	2610	2650	<0.005	-	<0.005	4340	4400	171	168	-	-	0.007	0.005	-	-	<0.2	<0.2	0.75	<0.5	-	-	0.245	0.236	<0.2	<0.2	0.96	-	1.05	<0.1	<0.1
24/11/2012	G1	B2A7294	541	-	-	0.452	-	0.441	2880	2920	<0.005	-	<0.005	3670	3630	168	167	-	-	0.007	0.005	-	-	0.23	0.42	1.42	<0.5	-	-	0.207	0.201	<0.2	<0.2	5.7	-	0.7	<0.1	<0.1
16/12/2012	G1	B2B4014	585	-	-	0.494	-	0.435	2880	2740	<0.005	-	<0.005	4440	4540	179	176	-	-	0.006	0.005	-	-	<0.2	<0.2	0.5	<0.5	-	-	0.223	0.224	<0.2	<0.2	0.55	-	0.54	<0.1	<0.1
25/01/2013	G1	B306701	550	-	-	0.383	-	0.473	2810	2300	<0.005	-	<0.005	4700	4660	169	174	-	-	0.006	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.258	0.245	<0.2	<0.2	0.81	-	0.89	<0.1	<0.1
21/02/2013	G1	B314188	525	-	-	0.478	-	0.427	2840	2640	<0.005	-	<0.005	5360	5260	186	178	-	-	0.01	0.004	-	-	<0.2	<0.2	1.37	<0.5	-	-	0.281	0.261	<0.2	<0.2	1.73	-	0.5	<0.1	<0.1
21/03/2013	G1	B322778	585	-	-	0.426	-	0.518	2660	2530	<0.005	-	<0.005	5110	5110	170	182	-	-	0.009	0.005	-	-	<0.2	<0.2	0.52	<0.5	-	-	0.261	0.261	<0.2	<0.2	0.85	-	0.53	<0.1	<0.1
18/04/2013	G1	B331290	600	-	-	0.68	-	0.627	2970	2540	<0.005	-	<0.005	4660	4710	212	212	-	-	0.005	0.003	-	-	<0.2	<0.2	1.11	<0.5	-	-	0.239	0.212	0.2	<0.2	0.8	-	0.51	<0.1	<0.1
24/05/2013	G1	B341818	450	-	-	0.327	-	0.376	2690	2530	0.005	-	<0.005	1320	1360	99.7	92.4	-	-	0.016	0.005	-	-	0.21	0.24	3.09	<0.5	-	-	0.121	0.083	<0.2	0.33	3.61	-	0.73	0.3	0.15
18/07/2013	G1	B361929	526	-	-	0.411	-	0.413	2250	2700	<0.005	-	<0.005	2410	2370	136	128	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.186	0.178	<0.2	<0.2	0.38	-	0.39	<0.1	<0.1
27/08/2013	G1	B376651	580	-	-	1.84	-	2.01	2900	2620	<0.005	-	<0.005	2100	2150	128	131	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.06	1.08	<0.2	<0.2	0.26	-	0.37	<0.1	<0.1
26/09/2013	G1	B388572	539	-	-	1.52	-	1.67	2700	2910	<0.005	-	<0.005	2400	2260	128	127	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.01	0.964	<0.2	<0.2	0.24	-	0.24	<0.1	<0.1
23/10/2013	G1	B399458	535	-	-	1.72	-	1.67	2640	2450	<0.005	-	<0.005	2270	2310	120	129	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.02	1.03	<0.2	<0.2	0.29	-	0.25	<0.1	<0.1
21/11/2013	G1	B3A8725	493	-	-	0.461	-	0.413	2220	2300	<0.005	-	<0.005	4160	3940	161	160	-	-	0.006	0.005	-	-	<0.2	<0.2	0.76	<0.5	-	-	0.226	0.239	<0.2	<0.2	1.19	-	0.28	<0.1	<0.1
23/12/2013	G1	B3B8312	555	-	-	0.438	-	0.429	2630	2610	<0.005	-	<0.005	4470	4340	170	159	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.245	0.262	<0.2	<0.2	0.66	-	0.36	<0.1	<0.1
28/01/2014	G1	B407313	492	-	-	1.27	-	1.26	2690	2720	<0.005	-	<0.005	3040	3070	134	135	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.772	0.731	<0.2	<0.2	0.45	-	0.36	<0.1	<0.1
27/02/2014	G1	B416171	521	-	-	0.441	-	0.486	2600	2540	<0.005	-	<0.005	5360	5270	174	172	-	-	0.007	0.004	-	-	<0.2	<0.2	2.05	<0.5	-	-	0.287	0.275	<0.2	<0.2	2.09	-	0.36	<0.1	<0.1
28/03/2014	G1	B424928	564	-	-	0.489	-	0.47	2760	2760	<0.005	-	<0.005	5800	5590	173	185	-	-	0.005	0.004	-	-	<0.2	<0.2	2.73	<0.5	-	-	0.304	0.301	<0.2	<0.2	0.65	-	0.7	<0.1	<0.1
25/04/2014	G1	B432952	667	-	-	0.929	-	0.883	2990	3060	<0.005	-	<0.005	4720	4680	234	242	-	-	0.008	0.005	-	-	<0.2	<0.2	2.57	<0.5	-	-	0.251	0.245	0.22	<0.2	0.92	-	0.41	0.25	<0.1
16/05/2014	G1	B439804	509	-	-	0.401		0.409	2800	2560	0.007		<0.005	2230	2210	146	142	-	-	0.021	0.005	-	-	<0.2	<0.2	2.21	0.67	-	-	0.178	0.13	0.51	<0.2	3.87		0.85	0.17	0.1
23/05/2014	G1	B442060	426	-	-	0.33		0.263	2970	2300	0.011		<0.005	1470	1460	105	94.8	-	-	0.03	0.004	-	-	<0.2	<0.2	2.44	0.57	-	-	0.165	0.09	0.75	<0.2	5.9		0.89	0.2	0.13
23/05/2014	G1-DUP	B442060	415	-	-	0.271		0.287	2810	2470	0.015		<0.005	1440	1420	108	95.5	-	-	0.035	0.004	-	-	<0.2	<0.2	1.75	<0.5	-	-	0.185	0.093	0.71	<0.2	8.31		0.5	0.18	0.14
29/05/2014	G1	B444272	421	-	-	0.337	na	0.288	2690	2490	0.008	na	<0.005	1430	1410	98.7	99.3	-	-	0.013	0.004	-	-	<0.2	<0.2	1.25	<0.5	-	-	0.098	0.082	0.33	<0.2	3.62	na	1.32	0.13	0.22
06/06/2014	G1	B446972	370	-	-	0.362		0.327	2660	2600	<0.005		<0.005	1320	1280	88.3	89.7	-	-	0.013	0.004	-	-	<0.2	<0.2	2.27	<0.5	-	-	0.098	0.082	0.3	<0.2	2.55		0.5	<0.1	<0.1
13/06/2014	G1	B449500	397	-	-	0.327		0.282	2750	2240	0.005		<0.005	1370	1310	89.6	90	-	-	0.009	0.002	-	-	<0.2	<0.2	1.98	<0.5	-	-	0.088	0.077	0.21	<0.2	2.6		2.96	<0.1	0.12
13/06/2014	G1-DUP	B449500	393	-	-	0.329		0.28	2580	2400	0.005		<0.005	1280	1310	90.7	88.5	-	-	0.012	0.004	-	-	<0.2	<0.2	1.45	<0.5	-	-	0.089	0.079	0.23	<0.2	2.97		1.22	<0.1	0.13
25/07/2014	G1	B464009	573	-	-	0.356	-	0.341	2890	2790	<0.005	-	<0.005	3130	2620	155	145	-	-	0.008	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.199	0.176	<0.2	<0.2	1.04	-	0.51	<0.1	<0.1
22/08/2014	G1	B474408	619	-	-	0.321		0.306	2990	2930	<0.005		<0.005	3830	3680	169	165	-	-	0.014	0.006	-	-	<0.2	<0.2	1.37	<0.5	-	-	0.238	0.226	0.25	<0.2	1.81		0.94	<0.1	<0.1
29/08/2014	G1	B476541	593	-	-	0.339		0.297	2830	2880	<0.005		<0.005	3930	3830	178	166	-	-	0.012	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.232	0.225	<0.2	<0.2	1.57		0.47	<0.1	<0.1
29/08/2014	G1-DUP	B476541	619	-	-	0.355		0.318	3000	2940	<0.005		<0.005	4090	4080	185	178	-	-	0.015	0.006	-	-	<0.2	<0.2	1.64	<0.5	-	-	0.253	0.232	0.3	<0.2	1.78		0.28	<0.1	<0.1
05/09/2014	G1-DUP	B479164	647	-	-	0.433	na	0.49	2750	3300	<0.005	na	<0.005	3490	3790	191	191	-	-	0.011	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.201	0.191	<0.2	<0.2	0.96	na	0.53	<0.1	<0.1
06/09/2014	G1	B479164	573	-	-	0.45		0.519	2900	2870	<0.005		<0.005	3520	3530	192	190	-	-	0.01	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.198	0.184	<0.2	<0.2	1.18		0.29	0.15	<0.1
12/09/2014	G1	B481292	620	-	-	0.448		0.458	3260	2940	<0.005		<0.005	4290	4360	178	190	-	-	0.01	0.003	-	-	<0.2	<0.2	1.74	<0.5	-	-	0.219	0.211	0.2	<0.2	1.09		0.33	<0.1	<0.1
19/09/2014	G1	B483962	661	-	-	0.344		0.391	4190	2820	0.006		<0.005	4310	4290	184	180	-	-	0.031	0.005	-	-	<0.2	<0.2	28.4	<0.5	-	-	0.266	0.215	1.32	<0.2	2.31		0.32	0.61	<0.1
30/10/2014	G1	B499587	575	-	-	0.418	-	0.415	2680	3040	<0.005	-	<0.005	4210	3990	167	180	-	-	0.009	0.005	-	-	<0.2	<0.2	1.28	<0.5	-	-	0.198	0.198	<0.2	<0.2	0.88	-	0.28	0.11	<0.1
28/11/2014	G1	B4A9093	562	-	-	0.303	-	0.29	3460	2470	0.0182	-	<0.005	2700	2760	129	129	-	-	0.0545	0.005	-	-	<0.2	<0.2	5.8	<0.5	-	-	0.208	0.155	1.94	<0.2	7.8	-	0.47	0.15	<0.1
18/12/2014	G1	B4B5326	504	-	-	0.35	-	0.349	3120	2840	<0.005	-	<0.005	2860	3160	140	139	-	-	0.013	0.005	-	-	<0.2	<0.2	11.1	<0.5	-	-	0.194	0.181	0.74	<0.2	1.45	-	0.56	0.56	<0.1
22/01/2015	G1	B505986	510	-	-	0.424	-	0.416	3700	2650	<0.005	-	<0.005	4470	4070	167	169	-	-	0.024	0.005	-	-	<0.2	<0.2	11.1	<0.5	-	-	0.29	0.243	0.82	<0.2	2.01	-	0.88	0.17	<0.1
26/02/2015	G1	B516449	489	-	-	0.416	-	0.407	3120	2830	<0.005	-	<0.005	3780	3770	158	155	-	-	0.017	0.005	-	-	<0.2	<0.2	4.52	<0.5	-	-	0.235	0.218	0.28	<0.2	1.64	-	0.26	0.15	<0.1
27/03/2015	G1	B525184	560	-	-	0.429	-	0.464	3040	2880	<0.005	-	<0.005	3680	3710	201	203	-	-	0.005	<0.002	-	-	<0.2	<0.2	0.59	<0.5	-	-	0.202	0.213	<0.2	<0.2	0.84	-	0.35	<0.1	<0.1
24/04/2015	G1	B533584	499	-	-	0.241	-	0.351	3050	2760	<0.005	-	<0.005	2080	2180	146	149	-	-	0.0134	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.185	0.171	0.86	<0.2	2.5	-	0.32	<0.1	<0.1
14/05/2015	G1	B540628	530	-	-	0.283		0.315	2660	3120	<0.005		<0.005	2060	2190	125	135	-	-	0.0101	0.0045	-	-	<0.2	<0.2	0.86	<0.5	-	-	0.175	0.163	<0.2	<0.2	3.98		8.16	<0.1	<0.1
22/05/2015	G1	B542667	388	-	-	0.281		0.264	2350	2450	0.007		<0.005	1700	1570	106	98	-	-	0.018	0.005	-	-	<0.2	<0.2	2.22	<0.5	-	-	0.129	0.103	0.52	<0.2	2.62		0.39	<0.1	<0.1
29/05/2015	G1	B545872	404	-	-	0.337	na	0.276	2570	2390	<0.005	na	<0.005	1250	1330	93.7	97	-	-	0.025	0.005	-	-	<0.2	<0.2	0.68	<0.5	-	-	0.142	0.099	0.45	<0.2	3.97	na	0.19	0.13	<0.1
04/06/2015	G1	B547761	402	-	-	0.294		0.293	3230	2480	0.0206		<0.005	1360	1290	105	99	-	-	0.0445	0.0033	-	-	<0.2	<0.2	5.3	<0.5	-	-	0.172	0.101	1.66	<0.2	7.9		0.27	0.14	<0.1
12/06/2015	G1	B549906	440	-	-	0.311		0.284	2540	2320	<0.005		<0.005	1640	1590	112	105	-	-	0.009	0.0037	-	-	<0.2	<0.2	1.42	<0.5	-	-	0.136	0.125	0.24	<0.2	0.95		0.3	<0.1	<0.1
24/07/2015	G1	B563471	655	-	-	0.321	-	0.341	2910	2730	<0.005	-	<0.005	3540	3470	171	173	-	-	0.0158	0.0051	-	-	<0.2	<0.2	<5	<0.5	-	-	0.271	0.238	0.54	<0.2	2.3	-	0.52	<0.1	<0.1
21/08/2015	G1	B572515	788	-	-	0.306		0.294	3080	3290	<0.005		<0.005	4320	4320	197	201	-	-	0.01	0.006	-	-	<0.2	<0.2	0.59	<0.5	-	-	0.292	0.287	<0.2	<0.2	1.5		0.63	<0.1	<0.1
28/08/2015	G1	B575103	741	-	-	0.281		0.299	3040	3080	<0.005		<0.005	4300	4340	189	194	-	-	0.011	0.006	-	-	<0.2	<0.2	1.63	<0.5	-	-	0.292	0.275	0.32	<0.2	1.5		0.95	0.22	<0.1
04/09/2015	G1	B577658	695	-	-	0.304	na	0.293	3320	2590	0.028	na	<0.005	4150	4530	182	183	-	-	0.02	0.006	-	-	<0.2	<0.2	<5	<0.5	-	-	0.243	0.241	0.58	<0.2	2.7	na	0.79	0.11	<0.1
10/09/2015	G1	B579637	735	-	-	0.33		0.37	2850	3020	<0.005		<0.005	4580	4670	200	204	-	-	0.009	0.005	-	-	<0.2	<0.2	1.14	<0.5	-	-	0.292	0.28	0.47	0.21	1.34		0.79	<0.1	<0.1
18/09/2015	G1	B582068	655	-	-	0.36		0.321	2950	2730	<0.005		<0.005	4580	4560	189	187	-	-	0.008	0.004	-	-	<0.2	<0.2	0.97	<0.5	-	-	0.294	0.273	<0.2	<0.2	1.15		0.66	<0.1	<0.1
13/05/2016	G1	B637198	399	-	-	-	-	0.364	-	2430	-	-	<0.005	-	1600	-	106	-	-	-	0.003	-	-	-	<0.2	-	<0.5	-	-	-	0.114	-	<0.2	-	-	1.18	-	<0.1
20/07/2018	G1	L2133661	601	0.39	0.24	0.365	-	0.359	2830	2510	<0.01	-	<0.01	3350	3160	158	152	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.6	<0.3	<0.1	<0.1	0.203	0.196	<0.5	<0.5	<3	-	<1	<0.06	<0.06
09/11/2018	G1	L2195291	573	0.3	0.2	0.555	-	0.519	2630	2510	<0.01	-	<0.01	5610	5850	200	201	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.5	<0.3	<0.1	<0.1	0.278	0.272	<0.5	<0.5	<3	-	<1	<0.06	<0.06
05/03/2019	G1	L2240838	661	0.29	0.27	0.431	-	0.519	2440	2820	<0.01	-	<0.01	6740	8010	200	237	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.9	<0.3	<0.1	<0.1	0.346	0.334	<0.5	<0.5	<3	-	1.7	<0.06	<0.06
17/06/2019	G1	L2295044	491	0.4	0.22	0.355	-	0.365	2570	2480	<0.01	-	<0.01	1840	2040	109	117	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<1.5	<0.3	<0.1	<0.1	0.139	0.155	<0.5	<0.5	<3	-	<1	<0.2	<0.2
18/06/2019	G1-DUP	L2295044	492	0.41	0.22	0.391	-	0.364	2640	2360	<0.01	-	<0.01	1860	2110	110	117	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<1.5	<0.3	<0.1	<0.1	0.141	0.144	<0.5	<0.5	<3	-	<1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Sample Date	Sample ID	Lab Report Number	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Long Term Average (Chronic) - Freshwater					6[#11]		3[#12]	4[#13]	0.1[#11]	0.01[#11]							4[#14]	12[#11]		1	0.3[#11]	0.02[#15]				
18/06/2012	A5	B252527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	A5	B265706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	A5	B276408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	A5	B283851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	A5	B297129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	A5	B2A7294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	A5	B2B4014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/01/2013	A5	B306701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/02/2013	A5	B314188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	A5	B322778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	A5	B330896	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	A5	B341817	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	A5	B351922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	A5	B361290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	A5	B376191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	A5	B388572	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	A5-DUP	B388572	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	A5	B399472	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	A5	B3A8725	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	A5	B3B7782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	A5	B407313	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.064	<0.02	<0.5	<0.5	<0.05	<0.5
26/02/2014	A5	B416171	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/03/2014	A5	B424928	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	A5	B432952	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	A5	B439804	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	A5	B442060	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/05/2014	A5	B444272	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	A5	B446972	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	A5	B449500	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/07/2014	A5	B464009	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	A5	B474408	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	A5	B476541	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	A5	B479164	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	A5	B481292	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	A5	B483962	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
31/10/2014	A5	B499587	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	A5	B4A9093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/12/2014	A5	B4B5326	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	A5	B505986	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	A5	B516449	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	A5	B525184	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	A5	B533584	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	A5	B540628	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	A5	B542667	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A5	B545872	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	A5-DUP	B545872	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	A5	B547761	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	A5-DUP	B547761	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A5	B549906	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	A5-DUP	B549906	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	A5	B563471	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	A5	B572515	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	A5	B575103	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	A5	B577658	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/09/2015	A5	B579637	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2015	A5	B582068	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	A5	B637198	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	A5	L2133661	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	A5	L2195291	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	A5	L2240838	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	A5	L2295044	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
15/05/2012	G1	B240844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19/06/2012	G1	B252527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/07/2012	G1	B265706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2012	G1	B276408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	G1	B283851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	G1-DUP	B283851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/10/2012	G1	B297129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	G1	B2A7294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/12/2012	G1	B2B4014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	G1	B306701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/02/2013	G1	B314188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/03/2013	G1	B322778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/04/2013	G1	B331290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/05/2013	G1	B341818	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/07/2013	G1	B361929	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/08/2013	G1	B376651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/09/2013	G1	B388572	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/10/2013	G1	B399458	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	G1	B3A8725	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/12/2013	G1	B3B8312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	G1	B407313	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.081	<0.02	<0.5	<0.5	<0.05	<0.5
27/02/2014	G1	B416171	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
28/03/2014	G1	B424928	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/04/2014	G1	B432952	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
16/05/2014	G1	B439804	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/05/2014	G1	B442060	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/05/2014	G1-DUP	B442060	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	G1	B444272	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
06/06/2014	G1	B446972	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/06/2014	G1	B449500	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/06/2014	G1-DUP	B449500	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
25/07/2014	G1	B464009	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/08/2014	G1	B474408	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/08/2014	G1	B476541	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/08/2014	G1-DUP	B476541	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	G1-DUP	B479164	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
06/09/2014	G1	B479164	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	G1	B481292	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
19/09/2014	G1	B483962	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	G1	B499587	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/11/2014	G1	B4A9093	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	G1	B4B5326	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	G1	B505986	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	G1	B516449	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/03/2015	G1	B525184	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2015	G1	B533584	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	G1	B540628	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2015	G1	B542667	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2015	G1	B545872	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/06/2015	G1	B547761	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2015	G1	B549906	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2015	G1	B563471	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2015	G1	B572515	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2015	G1	B575103	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/09/2015	G1	B577658	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	G1	B579637	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2015	G1	B582068	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/05/2016	G1	B637198	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	G1	L2133661	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	G1	L2195291	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
05/03/2019	G1	L2240838	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	G1	L2295044	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
18/06/2019	G1-DUP	L2295044	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Location Code	Sample Date	Sample ID	Lab Report Number	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Copper (Filtered) Averaged	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium	Potassium (Filtered)	Rubidium	Rubidium (Filtered)	Selenium	Selenium; Averaged	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver; Averaged	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc; Averaged	Zinc (Filtered)	Zirconium	Zirconium (Filtered)	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
				Metals																																																												Polycyclic Aromatic Hydrocarbons (PAHs)																							
				μg/L	μg/L	μg/L	μg/L	μg/L	μg/L		μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L		μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
RDL				0.1	0.1	0.005	0.005	0.05	0.05		1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10	10	0.2	0.2	0.04	0.04	0.04	50	50	0.005	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1		0.1	0.06	0.06	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Long Term Average (Chronic) - Freshwater						4			Variable				Variable[#4]						Variable[#4]				1000								2[#10]	2[#10]				Variable	Variable																						Variable[#4]							6[#11]		3[#12]	4[#13]	0.1[#11]	0.01[#11]							4[#14]	12[#11]		1	0.3[#11]	0.02[#15]				
G2	15/05/2012	G2	B240844	0.57	0.23	1.06	0.024	2	0.297	-	820	10.9	1.58	0.007	4.03	3.8	11,700	11,000	91.7	0.624	<0.01	<0.01	0.497	0.732	2.54	0.291	572	487	-	-	0.529	-	0.714	2900	2370	0.027	-	<0.005	1480	1470	110	102	-	-	0.036	0.003	-	-	<0.2	<0.2	2.96	<0.5	-	-	0.471	0.346	0.88	<0.2	9.54	-	1	0.15	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	19/06/2012	G2	B252527	0.39	0.2	0.284	0.0132	2.22	0.426	-	268	7.2	0.514	0.0064	3.07	2.82	9740	9120	26.7	0.29	<0.01	<0.01	0.614	0.595	0.889	0.458	416	342	-	-	0.603	-	0.613	2410	2220	0.0083	-	<0.005	1030	988	80.5	79.5	-	-	0.0148	0.0027	-	-	<0.2	<0.2	1.89	<0.5	-	-	0.344	0.291	0.35	<0.2	2.77	-	0.93	0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/07/2012	G2	B265706	0.26	0.26	0.032	0.014	0.223	0.234	-	41.2	4.1	0.11	0.134	4.18	4.01	12,700	12,800	2.21	0.25	<0.01	<0.01	1.05	1.07	0.205	0.143	466	445	-	-	1.11	-	1.09	2150	2400	<0.005	-	<0.005	1450	1510	106	106	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.62	0.583	<0.2	<0.2	0.79	-	0.86	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	26/08/2012	G2	B276408	0.27	0.36	0.014	0.009	0.203	0.234	-	11.9	2.5	0.013	<0.005	5.46	5.45	15,600	15,900	0.424	0.087	<0.01	<0.01	1.36	1.4	0.121	0.111	529	525	-	-	1.55	-	1.61	2680	2630	<0.005	-	<0.005	2070	2090	125	122	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.948	0.965	<0.2	<0.2	0.23	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18/09/2012	G2	B283851	0.13	0.22	0.008	0.008	0.433	0.755	-	1.9	2.2	0.006	<0.005	5.97	5.51	15,200	16,900	0.245	0.083	<0.01	<0.01	1.35	1.39	0.092	0.112	552	559	-	-	1.6	-	1.98	2560	2690	<0.005	-	<0.005	1920	2120	114	132	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.08	1.09	<0.2	<0.2	0.21	-	0.22	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/10/2012	G2	B297129	0.13	0.11	0.009	0.008	0.054	0.072	-	3.5	1.2	0.008	0.006	5.35	5.14	15,300	15,700	0.281	0.11	<0.01	<0.01	1.43	1.41	0.088	0.1	515	530	-	-	2.06	-	2.16	2560	2650	<0.005	-	<0.005	2020	2070	129	125	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.2	1.13	<0.2	<0.2	0.28	-	0.4	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/10/2012	G2-DUP	B297129	<0.1	<0.1	0.007	0.007	0.142	-	-	3.3	<1	0.01	<0.005	5.3	5.24	15,300	15,800	0.276	0.118	<0.01	<0.01	1.43	1.42	0.125	0.114	500	516	-	-	2.01	-	1.98	2670	2580	<0.005	-	<0.005	2020	2070	126	127	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.23	1.19	<0.2	<0.2	0.64	-	0.3	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24/11/2012	G2	B2A7294	0.23	0.19	0.042	0.009	0.367	0.418	-	35.9	<1	0.071	0.008	5.73	5.95	15,000	14,900	3.23	0.068	<0.01	<0.01	1.3	1.34	0.274	0.1	531	520	-	-	1.73	-	1.79	2510	2730	<0.005	-	<0.005	2320	2300	131	130	-	-	0.003	0.002	-	-	0.25	<0.2	<0.5	<0.5	-	-	0.987	0.964	<0.2	<0.2	2.07	-	0.31	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16/12/2012	G2	B2B4014	0.18	0.19	0.009	0.01	0.157	0.197	-	5	2.3	0.007	0.018	5.41	5.4	16,800	16,400	0.272	0.202	<0.01	<0.01	1.5	1.5	0.109	0.093	515	502	-	-	1.86	-	2.04	2650	2680	<0.005	-	<0.005	2470	2390	130	131	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.14	1.15	<0.2	<0.2	0.72	-	0.58	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/01/2013	G2	B306701	0.12	0.21	0.009	0.008	0.078	0.11	-	2.5	<1	<0.005	0.007	5.31	4.9	15,000	16,100	0.2	0.052	<0.01	<0.01	1.61	1.61	0.069	0.073	512	498	-	-	2.24	-	2.31	2660	3250	<0.005	-	<0.005	2030	2160	128	132	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.31	1.32	<0.2	<0.2	0.37	-	0.31	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25/01/2013	G2-DUP	B306701	0.13	0.19	0.01	0.007	0.058	-	-	3	1.1	<0.005	0.007	5.1	5.13	15,000	16,700	0.229	0.122	<0.01	<0.01	1.63	1.69	0.142	0.086	512	517	-	-	2.56	-	2.61	2690	3090	<0.005	-	<0.005	2070	2280	125	129	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.27	1.29	<0.2	<0.2	0.31	-	0.41	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DILLON CONSULTING

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Copper (Filtered) Averaged	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium	Potassium (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.1	0.005	0.005	0.05	0.05		1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10	10
BC WQG Approved Long Term Average (Chronic) - Freshwater						4			Variable				Variable[#4]						Variable[#4]				1000					
M1	14/05/2012	M1	B240844	0.28	<0.1	0.524	0.124	1.24	0.456	-	191	26.9	0.505	0.046	2.24	2.34	8060	7940	20.3	2.45	<0.01	<0.01	0.458	0.521	1.97	1.1	525	522
	14/05/2012	M1-DUP	B240844	0.37	0.18	0.613	0.086	1.42	-	-	208	12.4	0.553	0.009	2.3	2.28	8260	8120	22.4	1.09	<0.01	<0.01	0.448	0.463	2.21	1.11	536	507
	19/06/2012	M1	B252527	0.33	0.13	0.236	0.0673	0.599	0.35	-	165	12	0.253	0.0114	2.06	1.85	6340	6190	12.4	1.08	<0.01	<0.01	0.373	0.412	1.68	1.17	402	350
	25/07/2012	M1	B265706	0.18	0.13	0.184	0.125	0.289	0.233	-	39	4.8	0.103	0.029	4.5	4.12	12,600	12,500	2.95	1.02	<0.01	<0.01	0.73	0.746	1.77	1.59	670	610
	25/08/2012	M1	B276408	0.12	0.29	0.074	0.063	0.261	0.293	-	11.9	8.5	0.011	0.006	6.38	5.96	16,000	16,400	1.74	1.14	<0.01	<0.01	0.728	0.79	1.07	0.99	815	813
	18/09/2012	M1	B283851	<0.1	0.15	0.045	0.038	0.218	0.637	-	4.9	4.4	0.009	0.017	6.75	7.33	16,500	17,300	1.18	0.822	<0.01	<0.01	0.706	0.837	0.828	0.976	792	760
	18/09/2012	M1-DUP	B283851	<0.1	0.12	0.049	0.038	0.885	-	-	8.5	4.6	0.018	0.005	7.27	5.91	18,300	16,700	1.38	0.721	<0.01	<0.01	0.826	0.765	1.14	0.811	786	760
	24/10/2012	M1	B297129	<0.1	<0.1	0.029	0.023	0.166	0.645	-	9.3	4.8	0.014	0.041	5.01	5.14	14,600	15,000	1.01	0.629	<0.01	<0.01	0.741	0.696	0.63	0.766	667	691
	23/11/2012	M1	B2A7294	0.14	0.16	0.069	0.08	0.411	0.443	-	9.5	21.8	0.033	0.041	4.54	4.56	13,300	13,500	0.556	1.29	<0.01	<0.01	0.71	0.721	1.28	1.34	654	672
	15/12/2012	M1	B2B4014	0.1	<0.1	0.044	0.033	0.34	0.356	-	14.1	6.3	0.024	0.011	4.51	4.63	16,000	15,600	0.864	0.648	<0.01	<0.01	0.75	0.727	0.96	0.952	675	663
	25/01/2013	M1	B306701	<0.1	<0.1	0.029	0.019	0.507	0.18	-	9	3.7	0.027	0.007	5.19	4.84	15,500	17,400	0.732	0.443	<0.01	<0.01	0.69	0.64	0.57	0.684	647	684
	21/02/2013	M1	B314188	<0.1	<0.1	0.024	0.023	0.27	0.244	-	9.6	8.5	0.009	<0.005	5.26	5.12	16,800	16,500	0.779	0.556	<0.01	<0.01	0.698	0.678	0.527	0.564	657	637
	20/03/2013	M1	B322778	0.22	<0.1	0.056	0.028	0.394	0.364	-	63.7	12.2	0.06	0.013	3.86	3.66	12,300	11,900	2.27	0.633	<0.01	<0.01	0.61	0.609	0.627	0.571	644	596
	17/04/2013	M1	B330896	0.3	0.1	0.061	0.037	0.629	0.618	-	104	22.4	0.084	0.018	2.22	1.67	7880	6610	3.09	0.687	<0.01	<0.01	0.506	0.452	0.655	0.557	577	542
	24/05/2013	M1	B341818	0.32	0.11	0.215	0.054	1.08	0.636	-	212	21.1	0.273	0.012	1.55	1.33	5450	5350	14.1	2.02	<0.01	<0.01	0.367	0.389	1.48	0.842	454	409
	21/06/2013	M1	B352218	3.3	<0.1	6.38	0.075	15.7	0.804	-	3980	78.4	10.2	0.076	3.76	1.61	16,300	5840	644	5.01	<0.01	0.01	0.338	0.582	17.7	0.732	1070	782
	21/06/2013	M1-DUP	B352218	5.01	<0.1	7.24	0.057	17	-	-	6310	53.4	11.1	0.041	5.14	1.62	16,400	5780	664	4.48	<0.01	<0.01	0.185	0.575	22	0.716	1200	760
	17/07/2013	M1	B361290	7.61	0.11	0.08	0.033	0.493	0.368	-	119	5.4	0.051	0.016	4.07	3.99	11,800	12,700	4.25	2.07	<0.01	<0.01	1.44	0.826	0.886	0.647	683	715
	26/08/2013	M1	B376191	<0.1	0.11	0.038	0.029	0.351	0.403	-	13.2	8	0.023	0.021	5.81	5.74	16,700	17,100	3.98	3.22	<0.01	<0.01	0.841	0.774	0.656	0.597	859	881
	25/09/2013	M1	B387669	0.22	0.13	0.062	0.019	0.401	0.265	-	84	7.4	0.092	0.008	5.1	4.73	14,700	13,900	4.72	1.65	<0.01	<0.01	0.745	0.789	0.792	0.637	812	769
	24/10/2013	M1	B399472	0.11	0.12	0.024	0.026	0.205	0.379	-	16.5	4.5	0.019	0.008	4.69	4.7	15,700	16,400	1.71	1.18	<0.002	<0.002	0.737	0.748	0.512	0.54	683	741
	24/10/2013	M1-DUP	B399472	0.1	0.14	0.024	0.026	0.283	-	-	16	5.3	0.029	0.014	4.72	4.74	15,700	16,700	1.79	1.25	<0.002	<0.002	0.706	0.714	0.529	0.486	701	722
	20/11/2013	M1	B3A8665	0.13	0.13	0.015	0.014	0.305	0.241	-	4.9	1.8	0.019	0.014	2.91	2.43	11,500	10,300	0.605	0.33	<0.01	<0.002	0.581	0.6	0.265	0.227	616	630
	22/12/2013	M1	B3B7782	0.11	0.1	0.026	0.018	0.225	0.182	-	13.6	3	0.025	<0.005	5.34	4.86	16,200	15,300	1.72	0.985	<0.002	<0.002	0.709	0.71	0.223	0.256	652	597
	27/01/2014	M1	B406874	0.19	0.23	0.015	0.014	0.315	-	-	16.1	9	0.041	0.011	4.3	4.56	14,900	15,300	1.66	1.42	-	-	0.745	0.753	0.279	0.291	685	673
	27/02/2014	M1	B416171	<0.1	<0.1	0.017	0.014	0.285	0.422	-	12.8	3.5	0.016	<0.005	5.67	5.31	16,000	16,500	1.26	0.973	<0.002	<0.002	0.654	0.674	0.343	0.254	638	642
	27/03/2014	M1	B424928	0.12	<0.1	0.029	0.017	0.301	0.311	-	30.8	2.7	0.037	0.033	4.65	5.33	15,700	15,700	2.34	1.12	0.0083	<0.002	0.732	0.715	0.367	0.381	663	649
	24/04/2014	M1	B432952	0.27	<0.1	0.147	0.055	1.2	0.466	-	137	10.8	0.174	0.006	4.18	3.92	14,200	13,400	7.3	1.2	<0.002	<0.002	0.679	0.699	0.992	0.68	704	686
	24/04/2014	M1-DUP	B432952	0.36	<0.1	0.151	0.056	0.68	-	-	151	10	0.186	0.015	4.19	3.82	14,000	14,100	7.54	1.14	<0.002	<0.002	0.688	0.701	1.07	0.653	730	706
	15/05/2014	M1	B439804	0.47	0.13	0.487	0.062	1.68	0.594	na	465	28.5	0.667	0.014	3.02	2.3	9300	9060	27.9	1.73	<0.002	0.0023	0.4	0.511	2.25	0.896	571	529
	23/05/2014	M1	B442060	1.86	0.11	2.5	0.041	5.63	0.818		2340	19.3	4.32	0.01	2.93	1.56	9170	5450	204	1.46	<0.002	0.0023	0.228	0.452	8.04	1.07	691	455
	29/05/2014	M1	B444272	0.47	0.74	0.398	0.052	1.28	0.566		403	37.3	0.675	0.084	1.91	1.66	6900	6360	31.5	3.98	<0.002	<0.002	0.266	0.466	2.02	0.941	479	421
	05/06/2014	M1	B446972	0.43	0.14	0.358	0.048	1.13	0.536		333	25.7	0.583	0.028	1.65	1.57	6310	5600	30.7	2.2	<0.002	0.003	0.339	0.442	1.93	0.877	424	377
	12/06/2014	M1	B449500	0.31	0.13	0.148	0.044	0.722	0.416		168	13.9	0.175	0.018	1.82	1.51	6880	6440	9.45	1.61	<0.002	<0.002	0.503	0.447	1.41	0.942	469	419
	24/07/2014	M1	B464009	0.14	0.17	0.048	0.037	0.307	0.289	-	29.8	5.3	0.032	0.011	4.16	4.21	13,100	12,300	2.95	1.75	<0.002	<0.002	0.731	0.855	0.906	0.926	716	700
	22/08/2014	M1	B474408	0.12	0.16	0.018	0.023	0.299	0.293	na	14.6	5.2	0.017	0.006	5.29	4.98	15,000	16,300	2.04	1.43	0.0041	<0.002	0.835	0.802	0.702	0.677	734	783
	29/08/2014	M1	B476541	0.11	<0.1	0.04	0.025	0.347	0.239		33.9	9.4	0.033	0.011	5.42	5.35	14,500	13,000	3	1.52	0.004	0.0036	0.778	0.884	0.661	0.595	742	701
	05/09/2014	M1	B479164	0.21	0.1	0.032	0.022	0.294	0.239		27.2	5.4	0.026	0.013	4.03	4.3	13,400	15,500	2.16	1.14	0.0052	0.0045	0.735	0.692	0.66	0.603	674	732
	11/09/2014	M1-DUP	B481292	0.13	0.14	0.024	0.018	0.256	-		15.9	4.7	0.015	<0.005	4.57	4.82	17,200	16,400	1.8	1.24	0.0046	0.0024	0.714	0.792	0.568	0.582	768	743
	12/09/2014	M1	B481292	0.16	<0.1	0.027	0.017	0.413	0.246		18.2	3.9	0.017	<0.005	4.65	4.85	17,900	16,300	1.86	1.16	<0.002	0.0045	0.721	0.772	0.626	0.577	819	756
	19/09/2014	M1	B483962	0.17	0.15	0.027	0.018	0.262	0.249		16.7	4.2	0.015	<0.005	4.5	4.5	15,900	15,400	1.95	1.18	0.0035	0.0045	0.789	0.803	0.604	0.579	710	702
	30/10/2014	M1	B499587	0.1	0.12	0.017	0.011	0.247	0.228	-	12.8	4.3	0.01	<0.005	4.55	4.47	15,200	15,100	1.5	0.974	<0.002	<0.002	0.763	0.763	0.365	0.339	689	723
	28/11/2014	M1	B4A9093	0.96	<0.1	0.428	0.0328	1.66	0.404	-	818	7.7	0.531	0.0117	3.83	3.86	13,000	12,700	17.4	1.08	<0.002	<0.002	0.756	0.696	2.19	0.705	920	654
	18/12/2014	M1	B4B5326	0.13	0.12	0.0286	0.014	0.354	0.293	-	32.9	5.5	0.0293	<0.005	3.38	3.91	11,500	12,700	1.6	0.688	<0.002	<0.002	0.627	0.732	0.522	0.438	538	590
	23/01/2015	M1	B505986	<0.1	<0.1	0.018	0.012	0.245	0.22	-	22.7	3.6	0.023	<0.005	5.1	4.66	16,000	15,700	1.32	0.614	0.0036	<0.002	0.745	0.713	0.328	0.288	636	597
	27/02/2015	M1	B516449	0.11	<0.1	0.025	0.025	0.221	0.271	-	16.1	5	0.012	<0.005	4.53	4.08	16,000	15,900	1.04	0.696	<0.002	<0.002	0.7	0.744	0.439	0.4	574	525
	26/03/2015	M1	B525184	0.33	<0.1	0.147	0.0312	0.679	0.325	-	160	9	0.215	<0.005	3.35	3.43	11,800	12,200	7.06	1.04	<0.002	<0.002	0.59	0.643	1.06	0.691	655	623
	23/04/2015	M1	B533584	<0.5	0.12	0.152	0.0422	0.76	0.324	-	191	10.6	0.151	<0.005	2.13	2.05	8670	8700	6.41	0.843	<0.002	<0.002	0.52	0.588	1.05	0.701	550	490
	15/05/2015	M1	B540628	0.18	<0.1	0.0677	0.0318	0.368	0.256	0.38	61.8	8.4	0.0505	0.0058	2.4	2.01	9130	9440	2.41	0.756	0.0029	<0.002	0.603	0.609	1.02	0.882	466	490
	21/05/2015	M1	B542667	0.4	0.13	0.25	0.038	0.662	0.313		303	8.7	0.228	<0.005	2.4	2.04	8070	7970	10.3	1.04	<0.002	<0.002	0.474	0.467	1.4	0.748	498	435
	28/05/2015	M1	B545872	0.42	0.15	0.332	0.027	0.886	0.308		362	21.4	0.522	0.008	1.91	1.7	6620	6370	19.4	1.33	<0.002	<0.002	0.431	0.46	1.77	0.79	421	359
	04/06/2015	M1	B547761	1.2	0.15	0.443	0.0428	1.65	0.523		852	25.3	0.672	0.0271	1.73	1.61	7070	6860	24.6	1.35	<0.002	0.0032	0.533	0.453	2.56	0.886	620	418
	11/06/2015	M1	B549906	0.31	0.15	0.129	0.0269	0.454	0.512		167	7.5	0.142	0.0057	2.14	1.78	8180	7690	6.94	1.11	<0.002	<0.002	0.541	0.572	1.28	1.55	491	435
	23/07/2015	M1	B563471	0.12	<0.1	0.0242	0.0159	0.265	0.155	-	14.9	3.8	0.0213	<0.005	5.16	4.41	14,300	14,500	1.5	1.07	<0.002	<0.002	0.798	0.767	0.421	0.393	786	751
	20/08/2015	M1	B572515	0.11	<0.1	0.017	0.016	0.243	0.232	na	6.5	3.2	0.005	<0.005	6.72	6.43	16,700	16,400	1.43	1.08	<0.002	<0.002	0.822	0.812	0.328	0.304	861	871
	27/08/2015	M1	B575103	0.12	0.11	0.02	0.015	0.275	0.288		11.7	3.6	0.012	<0.005	5.94	6.14	16,300	16,500	1.56	1.04	<0.002	<0.002	0.778	0.821	0.351	0.322	812	814
	03/09/2015	M1	B577658	1.16	0.12	0.544	0.023	2.45	0.357		1140	4.3	0.876	<0.005	5.91	5.69	14,200	15,000	15	0.768	<0.002	<0.002	0.966	0.84	2.73	0.303	1210	759
	10/09/2015	M1	B579637	0.19	0.17	0.036	0.016	0.231	0.326		28.6	3.1	0.033	0.005	5.07	5.43	15,500	15,600	2.85	1	<0.002	<0.002	0.819	0.816	0.503	0.427	716	714
	17/09/2015	M1	B582068	0.13	0.13	0.017	0.014	0.192	0.185		8.7	4.2	0.011	<0.005	5.87	6.71	15,700	15,800	1.37	0.956	<0.002	<0.002	0.784	0.778	0.308	0.284	788	765
	13/05/2016	M1	B637198	0.28	0.15	0.309	0.196	0.458	0.227	-	141	8.9	0.109	<0.005	2.94	2.96	9480	9660	5.69	1.41	<0.002	<0.002	0.554	0.582	2.42	2.07	480	493
	09/11/2018	M1	L2195291	0.14	0.13	<0.1	<0.1	<0.5	0.23	-	18	68	<0.05	<0.05	5.9	5.7	16,600	16,800	1.14	0.82	<0.005	<0.005	0.838	0.843	1.5	1.33	669	647
	09/11/2018	M1-DUP	L2195291	0.22	0.17	<0.1	<0.1	<0.5	-	-	30	23	<0.05	<0.05	5.9	5.8	16,900	17,300	1.17	0.77	<0.005	<0.005	0.842	0.803	1.51	1.34	664	666
	04/03/2019	M1	L2240838	0.1	0.1	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	6.2	6.1	17,800	18,400	0.74	0.5	<0.005	<0.005	0.735	0.693	<0.5	<0.5	660	678
	18/06/2019	M1	L2295044	0.17	0.16	0.11	<0.1	<0.5	0.24	-	34	<10	<0.05	<0.05	3.2	3.1	10,100	9820	2	0.79	<0.005	<0.005	0.592	0.622	1.41	1.27	487	520
M2	14/05/2012	M2	B240844	0.3	0.1	0.579	0.071	1.31	0.323	-	212	11.4	0.542	0.008	2.3	2.16	8440	8170	22	1.09	<0.01	<0.01	0.384	0.445	1.97	0.945	517	471
	19/06/2012	M2	B252527	0.3	0.13	0.222	0.0532	0.693	0.319	-	165	12.3	0.271	0.013	1.97	1.82	6390	6190	12.1	0.945	<0.01	<0.01	0.369	0.42	1.34	0.888	382	332
	25/07/2012	M2	B265706	0.2	0.15	0.104	0.079	0.304	0.212	-	30.9	4.1	0.177	0.028	3.96	3.92	14,200	14,000	2.11	0.99	<0.01	<0.01	0.748	0.753	1.09	0.968	600	543
	25/08/2012	M2	B276408	0.23	0.17	0.049	0.028	0.197	0.2	-	16.8	4.9	0.017	0.007	5.42	5.32	18,000	18,000	1.59	0.984	<0.01	<0.01	0.747	0.754	0.533	0.576	678	657
	18/09/2012	M2	B283851	0.1	0.21	0.022	0.022	0.148	0.411	-	7.7	4.1	0.011	0.007	5.93	6.24	18,300	21,600	1.12	0.737	<0.01	<0.01	0.693	0.836	0.43	0.505	683	749
	24/10/2012	M2	B297129	<0.1	<0.1	0.026	0.019	0.159	0.116	-	9.6	3.6	0.011	<0.005	4.66	5.05	16,900	17,300	0.919	0.582	<0.01	<0.01	0.71	0.766	0.438	0.466	616	634
	23/11/2012	M2	B2A7294	0.21	0.16	0.07	0.048	0.419	0.408	-	21.8	8	0.037	0.013	4.61	4.49	16,300	15,100	1.08	0.545	<0.01	<0.01	0.792	0.759	1.28	0.921	693	620
	15/12/2012	M2	B2B4014	0.12	0.28	0.03	0.022	0.623	0.164	-	12.2	6.3	0.025	0.007	4.71	4.64	18,900	18,500	0.928	0.544	<0.01	<0.01	0.783	0.822	0.697	0.754	638	636
	24/01/2013	M2	B306701	<0.1	<0.1	0.025	0.02	0.122	0.121	-	15.4	2.1	0.017	<0.005	5.28	5.05	18,800	19,600	1.22	0.438	<0.01	<0.01	0.708	0.787	0.411	0.336	640	628
	21/02/2013	M2	B314188	0.11	<0.1	0.02	0.017	0.13	0.112	-	6.7	3.3	0.007	0.009	5.62	5.46	23,400	22,800	0.561	0.435	<0.01	<0.01	0.83	0.785	0.367	0.303	651	634
	20/03/2013	M2	B322778	0.14	<0.1	0.039	0.029	0.241	0.221	-	25.6	4.3	0.028	0.006	4.88	4.73	16,800	17,200	1.31	0.62	<0.01	<0.01	0.7	0.736	0.442	0.448	652	643
	17/04/2013	M2	B330896	0.26	0.12	0.072	0.032	0.324	0.329	-	58.3	4.3	0.065	0.005	4.8	4.41	17,600	17,300	3.2	0.627	<0.01	<0.01	0.737	0.734	0.668	0.554	668	699
	17/04/2013	M2-DUP	B330896	0.23	0.13	0.059	0.033	0.356	-	-	58.3	4.5	0.064	0.007	4.77	4.51	17,300	18,000	2.92	0.689	<0.01	<0.01	0.708	0.76	0.618	0.653	653	642
	24/05/2013	M2	B341818	0.32	0.13	0.24	0.049	0.833	0.476	-	191	11.7	0.313	0.005	1.99	1.99	7000	7200	16.6	1.76	<0.01	<0.01	0.412	0.501	1.43	0.898	457	451
	21/06/2013	M2	B352218	3.22	<0.1	6.12	0.06	14.7	0.813	-	4580	59.1	10.2	0.049	3.7	1.93	15,800	6380	637	4.65	<0.01	<0.01	0.347	0.631	17.4	0.683	1080	812
	17/07/2013	M2	B361290	0.25	0.13	0.039	0.025	0.286	0.247	-	29.4	3.7	0.041	0.035	4.02	4	12,100	12,200	3.07	1.41	<0.01	<0.01	0.827	0.773	0.484	0.424	586	622
	26/08/2013	M2	B376191	0.13	0.12	0.032	0.026	0.342	0.33	-	15.4	6.1	0.025	0.012	5.03	5.73	16,100	15,700	2.87	1.89	<0.01	<0.01	0.734	0.903	0.442	0.459	692	692
	25/09/2013	M2	B387669	0.85	0.16	0.059	0.02	0.311	0.335	-	60.8	5.3	0.059	0.023	4.97	4.49	15,600	14,500	3.29	1.32	<0.01	<0.01	0.801	0.787	0.64	0.518	712	688
	24/10/2013	M2	B399472	0.11	0.16	0.02	0.024	0.326	0.213	-	12.9	2.7	0.019	<0.005	4.12	4.25	15,700	16,000	1.28	0.892	<0.002	<0.002	0.76	0.762	0.359	0.357	603	669
	20/11/2013	M2	B3A8665	0.13	0.16	0.021	0.012	0.208	0.138	-	9.2	2.5	0.02	<0.005	4.99	4.38	17,900	17,300	1.4	1.13	<0.01	<0.002	0.754	0.797	0.301	0.322	643	694
	22/12/2013	M2	B3B7782	0.15	0.12	0.015	0.012	0.317	0.155	-	11.2	2.1	0.01	<0.005	5.25	5.02	16,000	15,500	1.24	0.654	<0.002	<0.002	0.787	0.691	0.277	0.205	591	537
	27/01/2014	M2	B406874	0.26	0.23	0.009	0.007	0.144	0.147	-	8	3.7	0.01	<0.005	4.31	4.64	17,000	16,500	0.973	0.671	-	-	0.773	0.803	0.279	0.266	641	627
	27/02/2014	M2	B416171	0.15	0.12	0.016	0.011	0.152	0.297	-	7.6	2.6	0.009	<0.005	5.42	5.69	20,000	20,100	0.861	0.546	<0.002	<0.002	0.747	0.801	0.24	0.223	632	612
	27/03/2014	M2	B424928	0.13	0.13	0.02	0.016	0.214	0.212	-	19.6	2.1	0.023	<0.005	4.84	5.11	17,600	17,100	1.59	0.759	<0.002	<0.002	0.815	0.785	0.276	0.205	641	626
	24/04/2014	M2	B432952	0.33	0.11	0.127	0.049	0.75	0.41	-	139	6.9	0.154	0.006	4.29	3.98	14,100	14,200	6.66	1.07	<0.002	<0.002	0.69	0.696	0.913	0.599	710	675
	15/05/2014	M2	B439804	0.46	0.14	0.442	0.059	1.36	0.624	na	456	24.9	0.666	0.03	3.15	2.75	10,500	9380	27.6	1.75	<0.002	0.0021	0.524	0.55	2.11	0.839	633	528
	23/05/2014	M2	B442060	1.58	<0.1	2.07	0.036	4.58	0.691		1960	12.7	3.6	0.006	3.22	1.81	9160	6000	175	1.17	<0.002	<0.002	0.227	0.465	6.73	0.802	663	475
	29/05/2014	M2	B444272	0.39	0.13	0.356	0.046	1.15	0.462		320	12.4	0.555	0.009	2.02	1.76	7310	6880	28.1	2.35	<0.002	<0.002	0.286	0.472	1.84	0.845	465	452
	05/06/2014	M2	B446972	0.48	0.16	0.47	0.054	1.49	0.415		473	28.1	0.819	0.021	1.74	1.63	6420	6260	41.7	2.22	<0.002	<0.002	0.314	0.446	2.2	0.908	434	377
	12/06/2014	M2	B449500	0.25	0.14	0.124	0.034	0.53	0.362		130	10.6	0.141	0.008	1.78	1.67	7050	6990	7.39	1.25	<0.002	0.0021	0.49	0.468	1.15	0.861	444	411
	24/07/2014	M2	B464009	0.14	0.16	0.041	0.025	0.212	0.228	-	26.3	5.7	0.026	0.01	3.8	4.25	13,900	12,900	2.79	1.35	<0.002	<0.002	0.748	0.768	0.678	0.721	637	596
	22/08/2014	M2	B474408	0.15	0.16	0.025	0.022	0.275	0.235	na	19.2	5.4	0.052	0.009	4.96	4.67	16,000	15,400	1.97	1.06	<0.002	0.0036	0.817	0.791	0.595	0.501	694	690
	29/08/2014	M2	B476541	0.16	0.13	0.035	0.017	0.249	0.203		28.8	7.9	0.027	<0.005	4.86	4.71	15,100	15,000	1.97	1.05	0.0021	0.0045	0.793	0.766	0.494	0.417	662	632
	05/09/2014	M2	B479164	0.23	0.2	0.029	0.017	0.251	0.386		22.8	4.7	0.031	0.011	3.95	4.21	13,400	13,700	1.91	0.92	<0.002	<0.002	0.697	0.82	0.488	0.488	569	569
	12/09/2014	M2	B481292	0.17	0.16	0.022	0.016	0.271	0.172		15.6	3.6	0.019	<0.005	4.32	4.36	15,600	16,300	1.28	0.911	0.0026	0.0033	0.713	0.697	0.39	0.363	606	629
	19/09/2014	M2	B483962	0.17	0.17	0.021	0.017	0.196	0.223		13.4	4.8	0.016	0.04	4.29	4.3	15,100	15,200	1.44	0.832	0.0043	0.0064	0.744	0.788	0.436	0.42	608	595
	30/10/2014	M2	B499587	0.14	0.17	0.016	0.012	0.192	0.193	-	9.6	5.3	0.008	<0.005	4.4	4.47	16,400	15,400	1.16	0.736	<0.002	<0.002	0.749	0.736	0.39	0.292	610	625
	28/11/2014	M2	B4A9093	1.12	0.44	0.539	0.397	1.92	1.39	-	1000	451	0.696	0.544	4.24	4.19	13,200	13,200	22.3	21.7	<0.002	<0.002	0.773	0.592	2.61	1.94	1000	767
	18/12/2014	M2	B4B5326	0.13	0.15	0.0219	0.012	0.265	0.297	-	23	4.7	0.0209	<0.005	3.67	3.63	12,500	13,100	1.2	0.571	<0.002	<0.002	0.658	0.731	0.557	0.358	511	551
	23/01/2015	M2	B505986	0.18	0.12	0.024	0.011	0.235	0.168	-	29.6	2.4	0.033	<0.005	4.74	4.88	17,300	17,000	1.74	0.459	<0.002	<0.002	0.823	0.822	0.289	0.2	600	565
	27/02/2015	M2	B516449	0.12	<0.1	0.025	0.021	0.433	1.22	-	24.2	6	0.016	0.007	4.18	3.74	13,800	13,900	1.11	0.666	<0.002	<0.002	0.651	0.668	0.531	0.493	576	549
	26/03/2015	M2	B525184	0.24	0.11	0.0754	0.0261	0.444	0.358	-	92.5	5.8	0.0948	<0.005	3.81	3.62	13,100	12,900	3.68	0.779	<0.002	<0.002	0.628	0.682	0.721	0.57	638	597
	23/04/2015	M2	B533584	<0.5	0.11	0.147	0.0404	0.64	0.304	-	189	10.3	0.178	0.0055	2.42	2.19	9080	9080	7.1	0.828	<0.002	<0.002	0.532	0.561	1.01	0.622	530	476
	15/05/2015	M2	B540628	0.2	0.12	0.061	0.0342	0.348	0.27	na	65.3	7.8	0.0513	0.0091	2.44	2.66	10,200	10,600	2.46	0.757	<0.002	<0.002	0.607	0.599	0.964	0.785	480	500
	21/05/2015	M2	B542667	0.4	0.15	0.169	0.031	0.583	0.296		267	9.6	0.194	0.006	2.39	2.35	8450	8070	7.83	1.02	<0.002	<0.002	0.513	0.506	1.23	0.711	498	403
	28/05/2015	M2	B545872	0.33	0.15	0.275	0.032	0.925	0.285		251	13.2	0.45	0.007	1.88	1.73	7060	6730	20	1.21	<0.002	<0.002	0.446	0.469	1.4	0.775	372	395
	04/06/2015	M2	B547761	1.22	0.15	0.484	0.0327	1.74	0.315		970	11.1	0.74	0.0209	1.91	2.17	8090	7970	27.5	1.2	<0.002	<0.002	0.594	0.563	2.66	0.761	680	418
	11/06/2015	M2	B549906	0.38	0.15	0.141	0.0264	0.445	0.24		338	6.4	0.215	<0.005	2.02	1.9	8810	8870	8.46	1.1	<0.002	<0.002	0.554	0.542	1.25	0.863	483	451
	23/07/2015	M2	B563471	0.26	0.13	0.0225	0.0141	0.226	0.121	-	23.1	4.5	0.0193	<0.005	4.18	4.67	15,100	15,000	1.32	0.812	<0.002	<0.002	0.799	0.754	0.285	0.254	636	603
	20/08/2015	M2	B572515	0.52	0.14	0.03	0.014	0.214	0.182	0.35	15	2.9	0.009	<0.005	6.18	5.67	18,100	18,200	1.38	0.69	<0.002	<0.002	0.798	0.776	0.628	0.22	701	707
	27/08/2015	M2	B575103	0.18	0.16	0.019	0.015	6.38	0.97		13.4	3.6	0.016	<0.005	5.07	5.58	18,200	18,200	1.31	0.679	<0.002	<0.002	0.825	0.812	0.437	0.752	685	671
	03/09/2015	M2	B577658	0.3	0.17	0.113	0.014	0.499	0.206		174	2.2	0.171	<0.005	5.49	5.34	17,800	17,200	4.13	0.497	<0.002	<0.002	0.805	0.766	0.607	0.231	686	657
	10/09/2015	M2	B579637	0.2	0.17	0.035	0.015	0.185	0.183		31	2.7	0.038	<0.005	4.46	5.22	15,800	15,700	3.2	1.32	<0.002	<0.002	0.804	0.789	0.377	0.313	635	640
	17/09/2015	M2	B582068	0.16	0.15	0.017	0.012	0.172	0.205		11.9	2.8	0.008	<0.005	5.44	6.45	16,900	17,100	1.16	0.696	<0.002	<0.002	0.775	0.781	0.214	0.2	663	663
	13/05/2016	M2	B637198	<0.5	0.12	0.311	0.236	0.57	0.298	-	106	8.9	0.095	<0.005	2.83	3.06	8880	8790	5.48	1.5	<0.002	<0.002	0.567	0.567	2.71	2.44	500	477
	09/11/2018	M2	L2195291	0.3	0.13	<0.1	<0.1	<0.5	0.2	-	17	<10	<0.05	<0.05	5.4	5.4	16,000	16,800	1.17	0.64	<0.005	<0.005	0.811	0.769	1.19	1	592	591
	04/03/2019	M2	L2240838	0.22	0.14	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	6.2	6	23,400	21,000	0.76	0.28	<0.005	<0.005	0.786	0.721	<0.5	<0.5	660	604
	18/06/2019	M2	L2295044	0.19	0.17	<0.1	<0.1	<0.5	0.42	-	25	<10	<0.05	0.488	3.2	3.1	10,300	10,200	1.79	0.82	<0.005	<0.005	0.594	0.622	1.16	1.12	452	484

Sample Date	Sample ID	Rubidium	Rubidium (Filtered)	Selenium	Selenium; Averaged	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver; Averaged	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc; Averaged	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L
RDL		0.2	0.2	0.04	0.04	0.04	50	50	0.005	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1		0.1	0.06	0.06
BC WQG Approved Long Term Average (Chronic) - Freshwater				2[#10]	2[#10]				Variable	Variable																						Variable[#4]				
14/05/2012	M1	-	-	1.14	-	1.14	2250	2010	0.029	-	<0.005	1570	1560	77.2	77.7	-	-	0.025	0.009	-	-	<0.2	<0.2	3.94	<0.5	-	-	0.345	0.266	0.82	0.35	4.5	-	0.97	0.18	0.12
14/05/2012	M1-DUP	-	-	1.33	-	1.2	2260	1980	0.036	-	<0.005	1590	1580	77.4	77.1	-	-	0.022	0.007	-	-	<0.2	<0.2	4.66	<0.5	-	-	0.349	0.272	0.84	0.3	5.48	-	0.49	0.18	0.12
19/06/2012	M1	-	-	0.823	-	0.848	1920	1700	0.0099	-	<0.005	1040	1050	57	56.5	-	-	0.0135	0.0063	-	-	<0.2	<0.2	4.23	<0.5	-	-	0.259	0.22	0.77	0.21	2.71	-	1.45	0.29	<0.1
25/07/2012	M1	-	-	1.63	-	1.6	1420	1460	<0.005	-	<0.005	2430	2490	119	118	-	-	0.012	0.01	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.541	0.5	0.34	0.28	1.29	-	0.47	<0.1	<0.1
25/08/2012	M1	-	-	1.71	-	2.07	1970	1880	<0.005	-	<0.005	3640	3700	155	153	-	-	0.009	0.008	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.621	0.684	<0.2	0.31	0.44	-	0.2	<0.1	<0.1
18/09/2012	M1	-	-	1.44	-	1.9	1890	1990	<0.005	-	<0.005	3870	4060	153	168	-	-	0.005	0.008	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.654	0.757	<0.2	<0.2	0.46	-	0.5	<0.1	<0.1
18/09/2012	M1-DUP	-	-	2.17	-	1.64	2360	1750	<0.005	-	<0.005	4320	3810	182	171	-	-	0.006	0.007	-	-	<0.2	<0.2	0.64	<0.5	-	-	0.778	0.697	0.24	<0.2	0.87	-	1.42	<0.1	<0.1
24/10/2012	M1	-	-	1.74	-	1.7	1750	1750	<0.005	-	<0.005	3280	3390	144	144	-	-	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.65	0.654	<0.2	<0.2	0.43	-	0.89	<0.1	<0.1
23/11/2012	M1	-	-	1.68	-	1.81	2080	2110	<0.005	-	<0.005	3240	3370	126	126	-	-	0.007	0.007	-	-	0.23	0.35	<0.5	0.87	-	-	0.663	0.654	<0.2	<0.2	0.97	-	2.88	<0.1	<0.1
15/12/2012	M1	-	-	1.74	-	1.89	2050	2060	<0.005	-	<0.005	3850	3710	136	141	-	-	0.005	0.004	-	-	<0.2	<0.2	0.64	<0.5	-	-	0.633	0.645	<0.2	<0.2	0.73	-	0.47	<0.1	<0.1
25/01/2013	M1	-	-	2.34	-	2.32	2470	2550	<0.005	-	<0.005	3650	4220	154	145	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.678	0.68	0.26	<0.2	0.8	-	0.59	<0.1	<0.1
21/02/2013	M1	-	-	1.8	-	1.76	2240	2220	<0.005	-	<0.005	4140	4060	164	161	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.688	0.675	<0.2	<0.2	0.58	-	0.44	<0.1	<0.1
20/03/2013	M1	-	-	1.39	-	1.34	2560	2520	<0.005	-	<0.005	3450	3380	115	119	-	-	0.006	0.003	-	-	<0.2	<0.2	2.02	<0.5	-	-	0.509	0.492	0.45	0.26	0.72	-	0.76	0.13	<0.1
17/04/2013	M1	-	-	0.932	-	0.754	2970	2950	0.005	-	<0.005	2520	2320	79.9	71.3	-	-	0.005	0.002	-	-	<0.2	<0.2	4.26	0.69	-	-	0.305	0.242	0.67	0.22	1.82	-	1.13	0.29	0.25
24/05/2013	M1	-	-	0.673	-	0.793	2640	2500	0.009	-	<0.005	1180	1230	56.3	52.2	-	-	0.011	0.004	-	-	0.23	<0.2	2.74	<0.5	-	-	0.22	0.178	0.42	0.44	2.45	-	0.36	0.3	0.22
21/06/2013	M1	-	-	1.03	-	0.92	4250	2130	0.046	-	<0.005	1190	1090	138	64.2	-	-	0.071	0.006	-	-	<0.2	<0.2	4.28	2.71	-	-	1.67	0.343	13.4	0.63	64.2	-	1.03	0.97	0.32
21/06/2013	M1-DUP	-	-	0.895	-	1.08	5440	2150	0.048	-	<0.005	1200	1070	139	62.5	-	-	0.11	0.004	-	-	<0.2	<0.2	3.63	1.81	-	-	1.77	0.319	16.6	0.52	76.6	-	0.68	0.87	0.27
17/07/2013	M1	-	-	1.61	-	1.68	2260	1870	<0.005	-	<0.005	2410	2610	117	128	-	-	0.006	0.004	-	-	<0.2	<0.2	0.62	<0.5	-	-	0.528	0.551	0.73	<0.2	0.53	-	1.07	<0.1	<0.1
26/08/2013	M1	-	-	1.82	-	1.75	2250	2150	<0.005	-	<0.005	3630	3700	162	159	-	-	0.007	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.703	0.737	<0.2	0.35	1.37	-	1.49	<0.1	<0.1
25/09/2013	M1	-	-	1.69	-	1.83	2090	2190	<0.005	-	<0.005	3030	2880	143	126	-	-	0.006	0.006	-	-	<0.2	<0.2	1.66	<0.5	-	-	0.575	0.601	0.57	<0.2	1.17	-	0.49	0.19	<0.1
24/10/2013	M1	-	-	2.17	-	2.21	1890	1810	<0.005	-	<0.005	3120	3360	145	153	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.673	0.689	0.2	0.21	0.7	-	0.44	<0.1	<0.1
24/10/2013	M1-DUP	-	-	2.28	-	2.17	1920	1820	<0.005	-	<0.005	3110	3360	138	154	-	-	0.004	0.004	-	-	<0.2	<0.2	0.9	<0.5	-	-	0.656	0.704	0.23	<0.2	0.62	-	0.51	<0.1	<0.1
20/11/2013	M1	-	-	1.31	-	1.02	2480	2660	<0.005	-	<0.005	2960	2690	113	123	-	-	0.003	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.409	0.348	0.26	0.24	1.6	-	1.14	<0.1	<0.1
22/12/2013	M1	-	-	2.06	-	2.15	2000	2130	<0.005	-	<0.005	3610	3500	158	151	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.746	0.694	<0.2	<0.2	0.69	-	0.28	<0.1	<0.1
27/01/2014	M1	-	-	1.93	-	1.96	2160	2140	<0.005	-	<0.005	3340	3490	160	162	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.673	0.672	<0.2	<0.2	0.66	-	0.77	<0.1	<0.1
27/02/2014	M1	-	-	2.04	-	2.1	2230	2160	<0.005	-	<0.005	3730	3810	166	170	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.717	0.724	<0.2	<0.2	0.46	-	0.53	<0.1	<0.1
27/03/2014	M1	-	-	1.95	-	1.98	2210	2200	<0.005	-	0.005	3890	3990	157	161	-	-	0.003	0.002	-	-	<0.2	<0.2	0.52	<0.5	-	-	0.727	0.716	0.21	<0.2	0.61	-	0.4	<0.1	<0.1
24/04/2014	M1	-	-	1.81	-	2.09	2740	2750	0.007	-	<0.005	3350	3410	138	140	-	-	0.008	0.003	-	-	<0.2	<0.2	5.8	<0.5	-	-	0.629	0.613	0.72	<0.2	1.92	-	0.36	0.17	0.11
24/04/2014	M1-DUP	-	-	1.87	-	1.74	2650	2550	0.009	-	<0.005	3330	3280	140	134	-	-	0.011	0.004	-	-	<0.2	<0.2	5.66	<0.5	-	-	0.651	0.635	0.93	0.22	1.9	-	0.49	0.28	<0.1
15/05/2014	M1	-	-	1.25	na	1.32	2300	2230	0.016	0.03	<0.005	1790	1750	89.9	93.2	-	-	0.017	0.005	-	-	<0.2	<0.2	1.85	<0.5	-	-	0.44	0.365	1.2	0.26	6	9.51	0.48	0.12	0.13
23/05/2014	M1	-	-	0.816		0.817	3240	1900	0.102		<0.005	1010	1170	81.8	55.1	-	-	0.071	0.007	-	-	<0.2	<0.2	6.02	<0.5	-	-	0.723	0.214	5.66	0.47	28.3		0.17	0.49	0.15
29/05/2014	M1	-	-	0.922		0.85	2650	1920	<0.005		<0.005	990	996	62.5	56.7	-	-	0.015	0.005	-	-	<0.2	<0.2	1.85	<0.5	-	-	0.282	0.215	1.18	0.42	5.11		0.27	0.22	0.11
05/06/2014	M1	-	-	0.803		0.837	2280	2100	0.018		<0.005	944	933	57.3	52.7	-	-	0.014	0.003	-	-	<0.2	<0.2	1.86	<0.5	-	-	0.271	0.197	1.07	0.34	4.49		1.06	0.16	<0.1
12/06/2014	M1	-	-	0.924		0.89	2340	1950	0.005		<0.005	1020	1020	61.6	58.1	-	-	0.008	0.003	-	-	<0.2	<0.2	2.28	<0.5	-	-	0.254	0.239	0.85	0.28	3.66		1.87	<0.1	<0.1
24/07/2014	M1	-	-	1.43	-	1.38	2030	2170	<0.005	-	<0.005	2430	2370	127	125	-	-	0.008	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.56	0.53	<0.2	0.3	1.24	-	1.41	<0.1	<0.1
22/08/2014	M1	-	-	1.68	na	1.47	2260	2360	<0.005	na	<0.005	3020	3200	149	153	-	-	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.652	0.668	0.27	0.32	0.58	na	0.8	<0.1	<0.1
29/08/2014	M1	-	-	1.47		1.49	2360	2430	<0.005		<0.005	2950	2780	155	143	-	-	0.008	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.595	0.575	0.35	0.25	0.91		0.42	<0.1	<0.1
05/09/2014	M1	-	-	1.55		1.62	2260	2530	<0.005		<0.005	2420	2780	137	139	-	-	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.588	0.599	<0.2	0.22	0.71		0.41	<0.1	<0.1
11/09/2014	M1-DUP	-	-	1.65		1.56	2610	2200	<0.005		<0.005	3080	3170	143	146	-	-	0.004	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.616	0.615	0.22	0.23	0.67		0.32	<0.1	<0.1
12/09/2014	M1	-	-	1.64		1.72	2730	2420	<0.005		<0.005	3320	3180	143	143	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.606	0.606	<0.2	0.38	1.82		0.37	<0.1	<0.1
19/09/2014	M1	-	-	1.66		1.72	2200	2160	<0.005		<0.005	2900	2870	143	145	-	-	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.658	0.647	0.26	0.26	0.6		0.36	<0.1	<0.1
30/10/2014	M1	-	-	1.45	-	1.25	2030	2060	<0.005	-	<0.005	2880	2800	132	141	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.561	0.645	0.21	0.26	0.38	-	0.39	<0.1	<0.1
28/11/2014	M1	-	-	1.56	-	1.67	2840	1990	0.0308	-	<0.005	2480	2510	115	118	-	-	0.0331	0.0043	-	-	<0.2	1.1	6	<0.5	-	-	0.665	0.61	2.9	0.43	6.4	-	0.4	0.18	<0.1
18/12/2014	M1	-	-	1.27	-	1.46	2020	2170	<0.005	-	<0.005	2400	2690	116	123	-	-	0.0038	0.003	-	-	<0.2	<0.2	0.64	<0.5	-	-	0.523	0.544	0.28	0.21	0.56	-	0.34	<0.1	<0.1
23/01/2015	M1	-	-	1.75	-	1.62	2190	2030	<0.005	-	<0.005	3480	3330	153	151	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.621	0.621	0.25	<0.2	0.38	-	0.3	<0.1	<0.1
27/02/2015	M1	-	-	3.29	-	3.06	2140	2080	<0.005	-	<0.005	2850	2870	134	126	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.698	0.712	<0.2	<0.2	0.38	-	0.25	<0.1	<0.1
26/03/2015	M1	-	-	1.29	-	1.26	2600	2290	<0.005	-	<0.005	2490	2670	113	116	-	-	0.0067	<0.002	-	-	<0.2	<0.2	3.47	<0.5	-	-	0.53	0.515	0.53	<0.2	2.38	-	0.42	0.23	<0.1
23/04/2015	M1	-	-	0.774	-	1.11	1940	1720	0.008	-	<0.005	1520	1510	82.3	83.7	-	-	0.0094	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.359	0.357	0.9	<0.2	1.6	-	0.26	0.12	<0.1
15/05/2015	M1	-	-	1.05	na	1.13	1640	1980	<0.005	na	<0.005	1490	1510	81.1	86.6	-	-	0.0078	0.0051	-	-	<0.2	<0.2	1	<0.5	-	-	0.368	0.368	<0.2	0.41	0.94	na	0.52	0.13	<0.1
21/05/2015	M1	-	-	0.74		0.825	1780	1760	0.008		<0.005	1160	1110	71.2	67.6	-	-	0.015	0.006	-	-	<0.2	<0.2	3.04	<0.5	-	-	0.302	0.266	0.92	0.29	2.84		0.33	0.17	<0.1
28/05/2015	M1	-	-	0.686		0.582	2060	1780	0.006		<0.005	818	844	59.7	56.1	-	-	0.019	0.006	-	-	<0.2	<0.2	2.27	<0.5	-	-	0.292	0.224	0.77	0.3	3.97		0.34	0.12	0.11
04/06/2015	M1	-	-	0.793		0.881	2780	1990	0.0171		<0.005	980	1160	69.3	63.8	-	-	0.0366	0.0041	-	-	<0.2	<0.2	10.5	<0.5	-	-	0.349	0.254	2.55	0.29	7.4		1.19	0.25	0.13
11/06/2015	M1	-	-	0.889		0.848	1950	1920	0.0067		<0.005	1200	1140	76.7	71.5	-	-	0.0103	0.0051	-	-	<0.2	<0.2	4.48	<0.5	-	-	0.334	0.325	0.65	0.31	1.99		0.43	<0.1	<0.1
23/07/2015	M1	-	-	1.31	-	1.28	2090	2060	<0.005	-	<0.005	2720	2680	142	138	-	-	0.0063	0.0044	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.641	0.583	0.34	0.33	1.63	-	0.33	<0.1	<0.1
20/08/2015	M1	-	-	1.34	na	1.33	2500	2740	<0.005	na	<0.005	3200	3230	165	172	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.637	0.645	0.23	<0.2	0.36	na	0.37	<0.1	<0.1
27/08/2015	M1	-	-	1.41		1.57	2380	2520	<0.005		<0.005	3190	3120	163	166	-	-	0.006	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.679	0.706	0.35	<0.2	0.77		0.4	<0.1	<0.1
03/09/2015	M1	-	-	1.3		1.44	3400	2000	0.099		<0.005	2900	3230	157	154	-	-	0.056	0.004	-	-	<0.2	<0.2	6.7	<0.5	-	-	0.651	0.615	4.35	0.24	10.9		0.73	0.39	<0.1
10/09/2015	M1	-	-	1.77		1.48	2230	2270	<0.005		<0.005	2700	2730	159	158	-	-	0.006	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.782	0.792	<0.2	0.31	1.55		0.48	<0.1	<0.1
17/09/2015	M1	-	-	1.79		1.53	2440	2360	<0.005		<0.005	2970	3100	160	163	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.703	0.698	0.22	<0.2	0.4		0.46	<0.1	<0.1
13/05/2016	M1	-	-	1.08	-	1.11	2030	2040	<0.005	-	<0.005	1830	1840	89.2	93.6	-	-	0.007	0.003	-	-	<0.2	<0.2	1.08	<0.5	-	-	0.419	0.39	0.4	<0.2	2.32	-	0.89	0.11	<0.1
09/11/2018	M1	0.27	0.27	1.64	-	1.59	2040	1890	<0.01	-	<0.01	3750	3820	160	163	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.76	0.721	<0.5	<0.5	<3	-	<1	<0.06	<0.06
09/11/2018	M1-DUP	0.33	0.29	1.69	-	1.61	2000	1920	<0.01	-	<0.01	3820	4050	161	160	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.763	0.719	<0.5	<0.5	<3	-	<1	<0.06	<0.06
04/03/2019	M1	0.26	0.23	2.24	-	2.14	2190	2070	<0.01	-	<0.01	4180	4190	188	180	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.833	0.805	<0.5	<0.5	<3	-	<1	<0.06	<0.06
18/06/2019	M1	0.32	0.28	1.07	-	1.05	1820	1660	<0.01	-	<0.01	1560	1750	88.6	92.9	<0.2	<0.2	0.011	<0.01	<0.1	<0.1	<0.1	<0.1	0.74	<0.3	<0.1	<0.1	0.395	0.423	0.51	<0.5	<3	-	<1	<0.2	<0.2
14/05/2012	M2	-	-	1.15	-	1.2	2270	2030	0.028	-	<0.005	1550	1550	77	77.5	-	-	0.02	0.006	-	-	<0.2	<0.2	3.96	<0.5	-	-	0.351	0.282	0.77	0.27	4.64	-	0.58	0.23	0.1
19/06/2012	M2	-	-	0.752	-	0.78	1980	1700	0.0077	-	<0.005	948	941	58.1	55.7	-	-	0.0131	0.0044	-	-	<0.2	<0.2	1.97	<0.5	-	-	0.268	0.223	0.57	<0.2	2.43	-	1.05	0.12	<0.1
25/07/2012	M2	-	-	3.91	-	3.82	1570	1720	<0.005	-	<0.005	2040	2080	107	112	-	-	0.008	0.007	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.607	0.612	0.28	0.24	1.7	-	0.37	<0.1	<0.1
25/08/2012	M2	-	-	6.26	-	5.77	2250	2100	<0.005	-	<0.005	2670	2720	137	131	-	-	0.006	0.007	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.837	0.856	<0.2	0.23	0.36	-	0.43	<0.1	<0.1
18/09/2012	M2	-	-	5.4	-	6.69	2040	2280	<0.005	-	<0.005	2670	3220	128	140	-	-	0.005	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.865	0.95	<0.2	<0.2	0.44	-	0.47	<0.1	<0.1
24/10/2012	M2	-	-	4.92	-	5.5	1930	2020	<0.005	-	<0.005	2650	2720	127	137	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.793	0.852	<0.2	<0.2	0.4	-	0.25	<0.1	<0.1
23/11/2012	M2	-	-	4.13	-	4.22	2240	2210	<0.005	-	<0.005	3040	2800	128	126	-	-	0.006	0.005	-	-	0.32	<0.2	<0.5	<0.5	-	-	0.735	0.746	<0.2	<0.2	1.47	-	0.5	<0.1	<0.1
15/12/2012	M2	-	-	5.4	-	5.32	2240	2190	<0.005	-	<0.005	3230	3140	136	139	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.834	0.856	<0.2	<0.2	1.74	-	0.52	<0.1	<0.1
24/01/2013	M2	-	-	7.65	-	8.17	2240	2670	<0.005	-	<0.005	2870	3110	143	142	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.943	0.96	0.22	<0.2	0.71	-	0.32	<0.1	<0.1
21/02/2013	M2	-	-	10.6	-	10.4	2290	2220	<0.005	-	<0.005	3170	3130	158	156	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	1.11	1.08	<0.2	<0.2	0.36	-	0.33	<0.1	<0.1
20/03/2013	M2	-	-	5.29	-	5.33	2160	2030	<0.005	-	<0.005	3340	3430	132	139	-	-	0.004	0.003	-	-	<0.2	1.89	<0.5	<0.5	-	-	0.788	0.795	0.22	0.23	0.44	-	0.38	<0.1	<0.1
17/04/2013	M2	-	-	5.79	-	5.11	2190	2120	<0.005	-	<0.005	3150	3060	138	136	-	-	0.006	<0.002	-	-	<0.2	<0.2	0.86	<0.5	-	-	0.824	0.741	0.39	<0.2	0.84	-	0.34	<0.1	<0.1
17/04/2013	M2-DUP	-	-	5.84	-	5.79	2130	2070	<0.005	-	<0.005	3090	3200	139	133	-	-	0.006	0.006	-	-	<0.2	<0.2	4.7	<0.5	-	-	0.82	0.762	0.36	<0.2	1.04	-	0.39	<0.1	<0.1
24/05/2013	M2	-	-	0.896	-	0.96	2240	2130	0.009	-	<0.005	1400	1490	68.6	66.1	-	-	0.014	0.005	-	-	<0.2	<0.2	2.12	<0.5	-	-	0.286	0.258	0.4	0.37	2.7	-	0.29	0.16	0.12
21/06/2013	M2	-	-	1.11	-	1.01	5010	2060	0.051	-	<0.005	1350	1360	140	67.2	-	-	0.083	0.005	-	-	<0.2	<0.2	4.01	1.77	-	-	1.64	0.357	12.4	0.6	61.1	-	0.69	0.95	0.25
17/07/2013	M2	-	-	2.03	-	1.65	2220	1890	<0.005	-	<0.005	2150	2190	115	115	-	-	0.006	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.576	0.57	0.32	<0.2	2.68	-	0.67	<0.1	<0.1
26/08/2013	M2	-	-	2.27	-	2.7	2340	2760	<0.005	-	<0.005	2950	2900	138	145	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.683	0.77	<0.2	<0.2	1.12	-	0.49	<0.1	<0.1
25/09/2013	M2	-	-	1.88	-	2.06	2350	2230	<0.005	-	<0.005	2920	2740	138	120	-	-	0.005	0.004	-	-	<0.2	<0.2	2.88	<0.5	-	-	0.67	0.61	0.5	<0.2	0.89	-	0.48	<0.1	<0.1
24/10/2013	M2	-	-	2.62	-	2.39	1960	1910	<0.005	-	<0.005	2750	2780	133	140	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.681	0.734	<0.2	<0.2	0.48	-	0.27	<0.1	<0.1
20/11/2013	M2	-	-	4.06	-	3.68	1940	1960	<0.005	-	<0.005	3220	3050	139	158	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.842	0.771	<0.2	<0.2	1.03	-	0.29	<0.1	<0.1
22/12/2013	M2	-	-	3.8	-	3.8	2170	2270	<0.005	-	<0.005	2820	2720	150	135	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.8	0.754	<0.2	<0.2	0.34	-	0.48	<0.1	<0.1
27/01/2014	M2	-	-	4.51	-	4.35	2260	2160	<0.005	-	<0.005	2870	2880	152	153	-	-	0.002	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.8	0.809	<0.2	<0.2	0.52	-	0.43	<0.1	<0.1
27/02/2014	M2	-	-	7.18	-	7.12	2260	2290	<0.005	-	<0.005	3060	3040	151	153	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.972	0.97	<0.2	<0.2	0.36	-	0.36	<0.1	<0.1
27/03/2014	M2	-	-	4.22	-	4.24	2230	2290	<0.005	-	<0.005	3570	3450	148	151	-	-	0.003	0.002	-	-	<0.2	<0.2	2.03	<0.5	-	-	0.837	0.821	<0.2	<0.2	0.57	-	0.3	<0.1	<0.1
24/04/2014	M2	-	-	1.79	-	1.82	2650	2500	<0.005	-	<0.005	3250	3290	141	141	-	-	0.009	0.004	-	-	<0.2	<0.2	4.52	<0.5	-	-	0.651	0.636	0.77	<0.2	1.67	-	0.4	0.16	<0.1
15/05/2014	M2	-	-	1.23	na	1.31	2400	2100	0.02	0.03	<0.005	1920	1840	101	95.8	-	-	0.018	0.005	-	-	<0.2	<0.2	1.72	0.97	-	-	0.462	0.383	1.22	<0.2	5.49	8.30	0.89	0.13	<0.1
23/05/2014	M2	-	-	0.858		0.875	2900	1730	0.108		<0.005	1410	1030	85	61.4	-	-	0.066	0.007	-	-	<0.2	<0.2	4.87	<0.5	-	-	0.667	0.257	4.41	0.45	23.4		0.15	0.31	0.12
29/05/2014	M2	-	-	0.908		0.924	2260	2100	<0.005		<0.005	1050	1010	65.8	61.7	-	-	0.015	0.005	-	-	<0.2	<0.2	1.46	<0.5	-	-	0.299	0.226	0.97	0.38	4.52		0.27	0.18	<0.1
05/06/2014	M2	-	-	0.774		0.816	2270	2060	0.018		<0.005	883	928	62.2	55.1	-	-	0.018	0.002	-	-	<0.2	<0.2	1.81	0.62	-	-	0.332	0.223	1.16	0.33	6.22		0.72	0.16	<0.1
12/06/2014	M2	-	-	0.92		0.889	2090	1830	0.005		<0.005	1030	958	65.2	63.2	-	-	0.008	0.003	-	-	<0.2	<0.2	2.26	<0.5	-	-	0.271	0.274	0.62	0.24	1.87		0.73	<0.1	<0.1
24/07/2014	M2	-	-	2.26	-	2.22	2060	2280	<0.005	-	<0.005	2140	2030	124	122	-	-	0.005	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.62	0.582	<0.2	0.23	0.49	-	0.87	<0.1	<0.1
22/08/2014	M2	-	-	2.64	2.4	2.43	2320	2510	<0.005	na	<0.005	2720	2600	136	146	-	-	0.005	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.69	0.747	<0.2	0.23	1.09	na	1.65	<0.1	<0.1
29/08/2014	M2	-	-	2.4		2.52	2220	2290	<0.005		<0.005	2560	2430	137	138	-	-	0.007	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.65	0.664	0.29	0.23	0.59		0.45	<0.1	<0.1
05/09/2014	M2	-	-	2.1		1.96	2310	2160	<0.005		<0.005	2040	2120	132	134	-	-	0.006	0.006	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.629	0.657	<0.2	<0.2	0.61		0.41	<0.1	<0.1
12/09/2014	M2	-	-	2.4		2.27	2770	2340	<0.005		<0.005	2410	2490	131	135	-	-	0.003	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.654	0.658	<0.2	<0.2	0.51		0.31	<0.1	<0.1
19/09/2014	M2	-	-	2.39		2.43	2190	2130	<0.005		<0.005	2350	2340	133	132	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.685	0.684	0.2	<0.2	0.47		0.36	<0.1	<0.1
30/10/2014	M2	-	-	2.66	-	2.67	2010	2400	<0.005	-	<0.005	2610	2360	127	133	-	-	0.003	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.647	0.69	<0.2	<0.2	0.36	-	0.27	<0.1	<0.1
28/11/2014	M2	-	-	1.33	-	1.39	2910	2440	0.032	-	0.0199	2690	2690	116	118	-	-	0.0415	0.015	-	-	0.33	<0.2	7.5	2.89	-	-	0.645	0.633	3.35	1.19	7.7	-	4.94	0.18	0.13
18/12/2014	M2	-	-	2.07	-	2.2	2100	2290	<0.005	-	<0.005	2250	2490	116	124	-	-	0.0033	0.003	-	-	<0.2	<0.2	0.82	<0.5	-	-	0.613	0.646	<0.2	<0.2	0.4	-	0.3	<0.1	<0.1
23/01/2015	M2	-	-	3.78	-	3.55	2250	2120	<0.005	-	<0.005	2920	2770	139	139	-	-	0.004	0.003	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.753	0.755	<0.2	<0.2	1	-	0.25	<0.1	<0.1
27/02/2015	M2	-	-	1.57	-	1.42	2240	2180	<0.005	-	<0.005	3120	3080	129	123	-	-	0.004	0.003	-	-	<0.2	<0.2	0.54	<0.5	-	-	0.561	0.573	0.24	<0.2	0.53	-	0.25	<0.1	<0.1
26/03/2015	M2	-	-	1.63	-	1.72	2380	2260	<0.005	-	<0.005	2630	2620	120	125	-	-	0.0047	<0.002	-	-	<0.2	<0.2	2.55	<0.5	-	-	0.559	0.564	0.33	<0.2	1.03	-	0.57	0.11	<0.1
23/04/2015	M2	-	-	0.754	-	1.15	1870	1710	0.0071	-	<0.005	1480	1510	80.4	86.8	-	-	0.0096	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.389	0.376	0.9	<0.2	1.9	-	0.36	<0.1	<0.1
15/05/2015	M2	-	-	1.18	na	1.26	1620	1910	<0.005	na	<0.005	1560	1570	90.1	98.5	-	-	0.007	0.0055	-	-	<0.2	<0.2	1.16	<0.5	-	-	0.436	0.403	<0.2	0.4	0.84	na	0.59	<0.1	<0.1
21/05/2015	M2	-	-	0.796		0.837	1730	1700	0.008		<0.005	1180	1130	74	67.9	-	-	0.016	0.005	-	-	<0.2	<0.2	3.17	<0.5	-	-	0.314	0.291	0.88	0.3	2.38		0.4	0.12	<0.1
28/05/2015	M2	-	-	0.618		0.612	1950	1760	<0.005		<0.005	874	896	62.6	62.3	-	-	0.016	0.005	-	-	<0.2	<0.2	1.12	<0.5	-	-	0.288	0.246	0.67	0.26	3.94		0.33	0.11	<0.1
04/06/2015	M2	-	-	0.787		0.693	3060	1870	0.0164		<0.005	1010	1130	73.9	71.7	-	-	0.0444	0.0051	-	-	<0.2	<0.2	9.9	<0.5	-	-	0.422	0.354	2.98	0.23	7.4		0.45	0.27	<0.1
11/06/2015	M2	-	-	0.858		0.777	2120	1730	0.0091		<0.005	1240	1210	84.4	81.5	-	-	0.0121	0.0051	-	-	<0.2	<0.2	2.55	<0.5	-	-	0.377	0.342	0.82	0.32	2.07		0.35	<0.1	<0.1
23/07/2015	M2	-	-	2.84	-	2.92	2150	2110	<0.005	-	<0.005	2140	2190	132	127	-	-	0.0043	0.0038	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.75	0.709	0.3	0.28	0.65	-	0.72	<0.1	<0.1
20/08/2015	M2	-	-	4.7	4.1	4.6	2450	2670	<0.005	na	<0.005	2590	2500	144	150	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.859	0.852	<0.2	<0.2	2.08	na	0.3	<0.1	<0.1
27/08/2015	M2	-	-	4.68		5.04	2290	2490	<0.005		<0.005	2560	2480	141	147	-	-	0.005	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.9	0.886	0.26	<0.2	0.53		0.62	<0.1	<0.1
03/09/2015	M2	-	-	3.99		4.79	2350	1990	0.005		<0.005	2580	2570	145	139	-	-	0.009	0.003	-	-	<0.2	<0.2	1.3	<0.5	-	-	0.857	0.768	0.67	<0.2	1.99		0.61	<0.1	<0.1
10/09/2015	M2	-	-	2.93		2.77	2190	2300	<0.005		<0.005	2500	2530	145	146	-	-	0.005	0.005	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.848	0.809	0.3	0.28	0.85		0.66	<0.1	<0.1
17/09/2015	M2	-	-	4.29		3.88	2410	2340	<0.005		<0.005	2390	2530	142	149	-	-	0.004	0.004	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.845	0.863	<0.2	<0.2	0.32		0.31	<0.1	<0.1
13/05/2016	M2	-	-	1.24	-	1.14	2350	2020	<0.005	-	<0.005	1830	1830	83.6	85.7	-	-	0.007	0.005	-	-	<0.2	<0.2	<5	<0.5	-	-	0.382	0.38	<0.5	<0.2	2.2	-	1.6	<0.1	0.11
09/11/2018	M2	0.28	0.27	1.88	-	1.87	2000	1930	<0.01	-	<0.01	3220	3340	149	152	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.727	0.738	<0.5	<0.5	<3	-	<1	<0.06	<0.06
04/03/2019	M2	0.26	0.27	8.84	-	8.61	2420	2170	<0.01	-	<0.01	3370	2990	169	153	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	1.09	1.05	<0.5	<0.5	<3	-	<1	<0.06	<0.06
18/06/2019	M2	0.28	0.28	1.12	-	1.15	1800	1640	<0.01	-	<0.01	1540	1730	91.8	93.5	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.6	<0.3	<0.1	<0.1	0.43	0.454	<0.5	<0.5	<3	-	<1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Sample Date	Sample ID	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Long Term Average (Chronic) - Freshwater				6[#11]		3[#12]	4[#13]	0.1[#11]	0.01[#11]							4[#14]	12[#11]		1	0.3[#11]	0.02[#15]				
14/05/2012	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14/05/2012	M1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19/06/2012	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/07/2012	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	M1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/11/2012	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/02/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/05/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/06/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/06/2013	M1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	M1-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/11/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/01/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/02/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/03/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	M1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/05/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/08/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/08/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/09/2014	M1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
19/09/2014	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30/10/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/11/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/01/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/02/2015	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/03/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/06/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/05/2016	M1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
09/11/2018	M1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	M1-DUP	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
04/03/2019	M1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
18/06/2019	M1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
14/05/2012	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19/06/2012	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/07/2012	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2012	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/11/2012	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/01/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/02/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	M2-DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/05/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/06/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/11/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/12/2013	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/01/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/02/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.5	<0.5	<0.05	<0.5
27/03/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/04/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/05/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/05/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	0.012	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/08/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
29/08/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
19/09/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/10/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/11/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/01/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/02/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
04/06/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
13/05/2016	M2	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
09/11/2018	M2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
04/03/2019	M2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
18/06/2019	M2	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

DILLON CONSULTING

Metals

Location Code	Sample Date	Sample ID	Lab Report Number	Chromium Total (III+VI)	Chromium Total (III+VI) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Copper (Filtered) Averaged	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Lithium	Lithium (Filtered)	Magnesium	Magnesium (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Potassium
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL				0.1	0.1	0.005	0.005	0.05	0.05		1	1	0.005	0.005	0.5	0.5	5	5	0.05	0.05	0.002	0.002	0.05	0.05	0.02	0.02	10
BC WQG Approved Long Term Average (Chronic) - Freshwater						4			Variable				Variable[#4]						Variable[#4]				1000				
WA1	16/05/2012	WA1	B240844	0.28	<0.1	0.596	0.032	1.33	0.394	-	444	20.8	0.991	0.017	3.73	3.71	6970	6900	39.3	1.35	<0.01	<0.01	0.313	0.371	1.48	0.331	496
	18/06/2012	WA1	B252527	0.29	0.11	0.534	0.0308	1.08	0.357	-	411	18	1.06	0.0598	3.71	3.35	6720	6260	39	1.2	<0.01	<0.01	0.282	0.339	1.29	0.328	429
	24/07/2012	WA1	B265706	0.19	0.22	0.043	0.014	0.264	0.274	-	52.7	7.2	0.202	0.211	6.17	5.26	9050	8760	2.38	0.389	<0.01	<0.01	0.558	0.538	0.291	0.208	510
	25/08/2012	WA1	B276408	0.1	0.14	0.012	0.006	0.215	0.394	-	7.8	3.3	0.016	0.011	7.91	8.04	10,500	10,900	0.575	0.289	<0.01	<0.01	0.621	0.64	0.159	0.138	505
	17/09/2012	WA1	B283851	<0.1	0.12	0.015	0.007	0.103	0.14	-	4.2	3.5	0.008	0.007	9.73	8.83	10,900	12,000	0.592	0.285	<0.01	<0.01	0.588	0.598	0.131	0.115	550
	24/10/2012	WA1	B297129	<0.1	<0.1	0.012	0.007	0.091	0.086	-	9.5	3.4	0.014	0.01	8.36	8.38	10,800	11,000	0.685	0.501	<0.01	0.01	0.646	0.594	0.133	0.106	489
	24/11/2012	WA1	B2A7294	0.1	0.11	0.011	0.009	0.323	0.258	-	7	1.7	0.017	0.009	7.99	7.96	10,500	10,100	0.552	0.25	<0.01	<0.01	0.587	0.637	0.263	0.173	519
	15/12/2012	WA1	B2B4014	<0.1	<0.1	0.009	0.005	0.312	1.04	-	5.7	1.6	0.017	<0.005	8.16	8.5	11,900	11,600	0.354	0.16	<0.01	<0.01	0.655	0.611	0.113	0.137	511
	25/01/2013	WA1	B306701	<0.1	<0.1	0.008	0.005	0.065	0.148	-	6.3	1.9	0.014	0.025	8.9	8.62	11,000	11,600	0.361	0.268	<0.01	<0.01	0.664	0.665	0.245	0.118	516
	20/02/2013	WA1	B314188	<0.1	<0.1	0.01	0.006	1.08	0.132	-	6.2	1.3	0.009	0.005	9.11	8.84	11,500	11,600	0.262	0.099	<0.01	<0.01	0.663	0.609	0.195	0.063	493
	20/03/2013	WA1	B322778	<0.1	0.1	0.009	0.01	0.121	0.199	-	4.4	1.6	0.008	<0.005	9.25	9.15	11,100	11,400	0.297	0.153	<0.01	<0.01	0.618	0.61	0.113	0.094	519
	17/04/2013	WA1	B330896	0.12	0.11	0.022	0.01	0.477	0.188	-	19.4	3.1	0.037	<0.005	9.65	9.39	11,200	11,500	1.19	0.289	<0.01	<0.01	0.636	0.578	0.398	0.151	533
	23/05/2013	WA1	B341817	0.24	0.12	0.343	0.021	0.797	0.288	-	282	10.9	0.643	0.011	3.63	3.37	7070	6710	23.7	0.367	<0.01	<0.01	0.296	0.366	1.05	0.414	418
	20/06/2013	WA1	B351922	4.99	<0.1	20.6	0.083	25.8	0.736	-	11,800	88.3	28.1	0.133	15.2	2.26	11,600	4160	1580	5.02	<0.05	<0.01	<0.25	0.261	39.1	0.643	1450
	17/07/2013	WA1	B361290	<0.1	<0.1	0.023	0.014	0.196	0.152	-	12.1	1.7	0.026	<0.005	6.8	7.25	9210	9590	1.04	0.222	<0.01	<0.01	0.562	0.48	0.167	0.168	472
	26/08/2013	WA1	B376191	<0.1	<0.1	0.016	0.012	0.224	0.21	-	13	2.9	0.029	0.008	8.66	9.05	11,300	11,300	0.955	0.441	<0.01	<0.01	0.571	0.66	0.205	0.194	568
	25/09/2013	WA1	B387669	<0.1	<0.1	0.008	0.012	0.16	0.12	-	6.3	2.7	0.025	0.008	8.68	8.23	10,800	10,700	0.654	0.388	<0.01	<0.01	0.602	0.57	0.218	0.175	591
	24/10/2013	WA1	B399472	<0.1	0.11	0.009	0.02	0.284	0.15	-	14	1.5	0.019	0.005	7.56	7.76	10,700	10,900	0.507	0.19	<0.002	<0.002	0.582	0.618	0.19	0.199	516
	21/11/2013	WA1	B3A8725	0.11	0.14	0.017	0.011	0.155	0.139	-	9.9	<1	0.033	<0.005	7.83	8.2	11,300	12,000	0.988	0.11	<0.01	<0.002	0.551	0.662	0.18	0.192	505
	28/01/2014	WA1	B407313	<0.1	<0.1	0.006	0.006	0.273	0.205	-	2.7	1.3	0.006	<0.005	8.66	8.25	10,900	10,800	0.224	0.089	<0.002	<0.002	0.631	0.634	0.109	0.1	489
	24/04/2014	WA1	B432952	<0.1	<0.1	0.012	0.011	0.184	0.168	-	9.9	2.8	0.011	<0.005	8.72	8.72	10,700	10,500	0.601	0.175	0.0022	<0.002	0.562	0.565	0.211	0.182	505
	15/05/2014	WA1	B439804	0.19	0.14	0.109	0.019	0.528	0.297		172	7.6	0.208	0.008	6.83	6.49	8510	9130	6.45	0.347	<0.002	0.0026	0.468	0.443	0.651	0.391	458
	22/05/2014	WA1	B442060	0.36	<0.1	0.631	0.029	1.18	0.565		609	6.2	1.17	0.007	4.85	3.89	7160	6470	44.4	1.26	<0.002	<0.002	0.291	0.42	1.44	0.504	469
	30/05/2014	WA1	B444272	0.23	0.13	0.288	0.016	0.629	0.236	na	302	8.1	0.554	0.008	4.34	3.95	7300	7510	20.4	0.349	<0.002	<0.002	0.311	0.398	0.796	0.259	457
	30/05/2014	WA1-DUP	B444272	0.23	0.11	0.331	0.019	0.63	-		294	8.4	0.595	0.005	4.36	3.95	7440	7390	20.5	0.309	<0.002	<0.002	0.322	0.359	0.775	0.238	449
	05/06/2014	WA1	B446972	0.42	0.12	0.342	0.019	19.3	0.254		222	11	0.563	0.015	3.84	3.65	6630	6520	18	0.408	0.0027	<0.002	2.29	0.364	0.858	0.261	397
	12/06/2014	WA1	B449500	0.23	0.13	0.129	0.014	0.412	0.228		189	8.7	0.248	0.01	3.92	3.93	7290	7140	9.12	0.336	<0.002	<0.002	0.404	0.398	0.566	0.271	413
	24/07/2014	WA1	B464009	<0.1	0.18	0.02	0.017	0.124	0.201	-	12.6	15.3	0.019	0.013	7.94	7.1	11,500	9800	0.766	0.852	0.0032	0.0034	0.489	0.579	0.193	0.198	589
	21/08/2014	WA1	B474408	<0.1	0.11	0.015	0.009	0.184	0.176		11	2.6	0.014	<0.005	8.86	8.1	11,300	10,600	0.695	0.27	<0.002	0.0023	0.593	0.598	0.221	0.215	541
	28/08/2014	WA1	B476541	<0.1	<0.1	0.014	0.008	0.17	0.184		18.7	4.2	0.01	<0.005	9.07	9.25	10,500	11,400	0.53	0.203	0.0033	0.0024	0.609	0.64	0.193	0.2	497
	05/09/2014	WA1	B479164	<0.1	<0.1	0.019	0.011	0.302	0.183	na	11.1	2.5	0.028	0.019	7.94	8.17	10,600	10,300	0.641	0.232	0.0026	0.0056	0.623	0.558	0.231	0.185	524
	12/09/2014	WA1	B481292	<0.1	<0.1	0.012	0.012	0.17	0.227		3.4	<1	0.022	<0.005	8.35	8.33	11,900	11,400	0.327	0.162	0.0027	0.0027	0.615	0.579	0.147	0.141	532
	18/09/2014	WA1	B483962	0.12	<0.1	0.011	0.017	0.168	0.221		4.7	7	0.006	0.024	8.71	8.16	12,000	11,100	0.366	1.12	<0.002	0.0083	0.614	0.592	0.144	0.145	557
	31/10/2014	WA1	B499587	<0.1	0.12	0.011	0.009	0.152	0.153	-	2	1.3	0.009	<0.005	8.91	9.02	12,100	11,700	0.313	0.254	<0.002	<0.002	0.619	0.657	0.142	0.143	556
	27/11/2014	WA1	B4A9093	<0.1	<0.1	0.0154	0.0092	0.351	1.04	-	16.3	4.4	0.0322	0.0353	7.61	7.69	10,100	10,300	0.954	0.377	0.0022	<0.002	0.588	0.572	0.207	0.181	556
	18/12/2014	WA1	B4B5326	<0.1	0.12	0.0095	0.008	0.144	0.156	-	5.7	1.7	0.01	<0.005	7.44	7.69	9580	10,400	0.341	0.11	<0.002	<0.002	0.523	0.619	0.187	0.143	449
	22/01/2015	WA1	B505986	<0.1	<0.1	0.007	0.007	0.154	0.119	-	3	1.4	0.007	<0.005	9.22	9.12	13,100	12,000	0.145	0.062	0.0057	0.0042	0.66	0.65	0.115	0.131	510
	26/02/2015	WA1	B516449	0.1	<0.1	0.007	0.01	0.218	0.216	-	5.8	1.4	0.005	<0.005	9.29	9.23	11,600	11,400	0.307	0.068	<0.002	<0.002	0.555	0.581	0.108	0.117	473
	26/03/2015	WA1	B525184	<0.1	<0.1	0.0127	0.0101	0.162	0.151	-	9.9	2.8	0.009	<0.005	8.27	9.41	10,100	10,400	0.512	0.16	<0.002	<0.002	0.523	0.556	0.142	0.13	487
	23/04/2015	WA1	B533584	<0.5	<0.1	0.108	0.0156	0.67	0.22	-	198	8.5	0.162	<0.005	5.39	4.93	7450	7820	5.66	0.362	<0.002	<0.002	0.42	0.438	0.5	0.236	480
	14/05/2015	WA1	B540628	0.21	<0.1	0.083	0.0136	1.39	0.165		99.9	3.7	0.158	0.0059	5.42	5.65	9690	8920	4.61	0.226	<0.002	<0.002	0.555	0.58	0.855	0.248	523
	21/05/2015	WA1	B542667	0.22	0.13	0.098	0.013	0.388	0.182		172	9.3	0.144	0.006	5.05	4.6	8470	7700	4.46	0.231	<0.002	<0.002	0.485	0.453	0.405	0.236	475
	28/05/2015	WA1	B545872	0.25	0.14	0.159	0.017	0.383	0.295	na	214	15	0.263	0.019	4.14	3.87	7390	7400	9.27	0.483	<0.002	<0.002	0.382	0.419	0.656	0.33	411
	05/06/2015	WA1	B547761	<0.5	<0.1	0.111	0.0139	0.49	0.175		195	5.4	0.185	<0.005	4.02	4.38	7540	7610	5.65	0.265	<0.002	<0.002	0.432	0.419	0.53	0.216	460
	11/06/2015	WA1	B549906	0.16	<0.1	0.0454	0.0098	0.252	0.126		75.8	2.8	0.0838	<0.005	4.97	4.65	8950	8570	2.47	0.204	<0.002	<0.002	0.502	0.467	0.528	0.183	478
	23/07/2015	WA1	B563471	<0.1	<0.1	0.0136	0.0091	0.119	0.093	-	16.1	3	0.0086	<0.005	8.25	8.4	11,200	11,100	0.578	0.302	<0.002	<0.002	0.645	0.609	0.157	0.148	558
	20/08/2015	WA1	B572515	<0.1	0.12	0.011	0.007	0.255	0.151		4.6	1.5	<0.005	<0.005	10.9	9.58	11,900	11,800	0.406	0.183	<0.002	<0.002	0.661	0.66	0.137	0.126	580
	27/08/2015	WA1	B575103	0.1	0.12	0.008	0.009	0.136	3.42		6.6	3.3	0.006	0.005	8.37	9.24	11,200	11,600	0.411	0.219	<0.002	<0.002	0.642	0.67	0.136	0.239	543
	03/09/2015	WA1	B577658	<0.1	<0.1	0.013	0.021	0.099	0.229	0.43	9.4	15.8	0.005	0.023	9.41	9.48	11,900	11,700	0.526	0.984	<0.002	<0.002	0.622	0.602	0.098	0.157	515
	10/09/2015	WA1	B579637	<0.1	<0.1	0.01	0.008	0.131	0.112		8.5	1.5	0.005	<0.005	9.78	10.1	11,900	11,700	0.43	0.201	<0.002	<0.002	0.616	0.649	0.136	0.126	578
	17/09/2015	WA1	B582068	0.51	<0.1	0.64	0.008	1.01	0.118		935	2	1.33	<0.005	15.4	10.3	13,800	11,400	31.1	0.231	<0.002	<0.002	0.721	0.65	1.18	0.099	820
	12/05/2016	WA1	B637198	<0.5	<0.1	0.094	0.011	0.44	0.148	-	152	4	0.161	<0.005	4.99	4.47	7690	8070	6.3	0.244	<0.002	<0.002	0.457	0.41	0.41	0.202	440
	20/07/2018	WA1	L2133661	0.14	<0.1	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	8.3	8.3	11,700	10,500	0.58	0.4	<0.005	<0.005	0.638	0.602	<0.5	<0.5	535
	09/11/2018	WA1	L2195291	0.11	<0.1	<0.1	<0.1	<0.5	0.2	-	<10	<10	<0.05	<0.05	8.9	9.1	11,500	12,900	0.49	0.35	<0.005	<0.005	0.602	0.613	<0.5	<0.5	484
	17/06/2019	WA1	L2295044	0.14	0.11	<0.1	<0.1	<0.5	0.2	-	28	<10	<0.05	<0.05	6.4	6.7	10,100	9500	1.34	0.17	<0.005	<0.005	0.488	0.494	<0.5	<0.5	446

Sample Date	Sample ID	Potassium (Filtered)	Rubidium	Rubidium (Filtered)	Selenium	Selenium; Averaged	Selenium (Filtered)	Silicon	Silicon (Filtered)	Silver	Silver; Averaged	Silver (Filtered)	Sodium	Sodium (Filtered)	Strontium	Strontium (Filtered)	Tellurium	Tellurium (Filtered)	Thallium	Thallium (Filtered)	Thorium	Thorium (Filtered)	Tin	Tin (Filtered)	Titanium	Titanium (Filtered)	Tungsten	Tungsten (Filtered)	Uranium	Uranium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc; Averaged	Zinc (Filtered)	Zirconium	Zirconium (Filtered)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L
RDL		10	0.2	0.2	0.04	0.04	0.04	50	50	0.005	0.005	0.005	10	10	0.05	0.05	0.2	0.2	0.002	0.002	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.002	0.002	0.2	0.2	0.1		0.1	0.06	0.06
BC WQG Approved Long Term Average (Chronic) - Freshwater					2[#10]	2[#10]				Variable	Variable																						Variable[#4]				
16/05/2012	WA1	439	-	-	0.412	-	0.489	2240	1990	0.013	-	<0.005	1250	1250	108	105	-	-	0.018	0.002	-	-	<0.2	<0.2	2.71	<0.5	-	-	0.18	0.126	0.55	<0.2	5.3	-	1.25	0.12	<0.1
18/06/2012	WA1	365	-	-	0.355	-	0.351	2150	1990	0.0167	-	<0.005	1050	1010	96.7	89.9	-	-	0.0113	0.0027	-	-	<0.2	<0.2	3.03	<0.5	-	-	0.185	0.131	0.52	<0.2	5.07	-	5.51	<0.1	<0.1
24/07/2012	WA1	444	-	-	0.476	-	0.468	1950	2030	<0.005	-	<0.005	1940	1930	139	139	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.207	0.184	<0.2	<0.2	6.38	-	4.8	<0.1	<0.1
25/08/2012	WA1	518	-	-	0.545	-	0.493	2240	2230	<0.005	-	<0.005	2880	3000	172	167	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.242	0.246	<0.2	<0.2	0.35	-	0.15	<0.1	<0.1
17/09/2012	WA1	553	-	-	0.601	-	0.696	2280	2220	<0.005	-	<0.005	3280	3510	167	188	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.254	0.253	<0.2	<0.2	0.27	-	0.25	<0.1	<0.1
24/10/2012	WA1	492	-	-	0.694	-	0.674	2160	2270	<0.005	-	<0.005	3360	3370	176	178	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.281	0.275	<0.2	<0.2	0.29	-	0.66	<0.1	<0.1
24/11/2012	WA1	485	-	-	0.75	-	0.726	2420	2370	<0.005	-	<0.005	3260	3160	165	169	-	-	<0.002	<0.002	-	-	<0.2	0.25	<0.5	<0.5	-	-	0.231	0.259	<0.2	<0.2	0.73	-	0.43	<0.1	<0.1
15/12/2012	WA1	509	-	-	0.71	-	0.705	2340	2340	<0.005	-	<0.005	3810	3740	176	180	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.256	0.256	<0.2	<0.2	0.79	-	0.29	<0.1	<0.1
25/01/2013	WA1	508	-	-	0.892	-	0.711	2330	2370	<0.005	-	<0.005	3680	4080	184	180	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.274	0.272	<0.2	<0.2	1.68	-	2.55	<0.1	<0.1
20/02/2013	WA1	480	-	-	0.7	-	0.672	2230	2160	<0.005	-	<0.005	4010	4060	197	191	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.282	0.271	<0.2	<0.2	0.34	-	0.18	<0.1	<0.1
20/03/2013	WA1	527	-	-	0.628	-	0.643	2140	1970	<0.005	-	<0.005	3870	4090	173	181	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.273	0.266	<0.2	<0.2	0.29	-	0.91	<0.1	<0.1
17/04/2013	WA1	555	-	-	0.794	-	0.795	2100	1890	<0.005	-	<0.005	3920	4070	184	183	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.243	0.237	<0.2	<0.2	0.57	-	0.29	<0.1	<0.1
23/05/2013	WA1	377	-	-	0.415	-	0.364	1980	1890	<0.005	-	<0.005	1150	1120	96.3	96.1	-	-	0.008	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.19	0.161	0.5	<0.2	3.3	-	0.32	<0.1	<0.1
20/06/2013	WA1	592	-	-	0.42	-	0.228	7710	1650	0.053	-	<0.005	860	740	206	69.4	-	-	0.085	0.003	-	-	<1	<0.2	2.9	1.79	-	-	1.67	0.091	12.4	0.34	101	-	3.91	0.73	0.31
17/07/2013	WA1	501	-	-	0.576	-	0.573	2380	2030	<0.005	-	<0.005	2400	2440	146	158	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.206	0.213	<0.2	<0.2	0.23	-	0.21	<0.1	<0.1
26/08/2013	WA1	579	-	-	0.481	-	0.532	2390	2340	<0.005	-	<0.005	3560	3570	177	177	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.244	0.266	<0.2	<0.2	0.61	-	0.59	<0.1	<0.1
25/09/2013	WA1	590	-	-	0.55	-	0.629	2170	2300	<0.005	-	<0.005	3520	3480	183	163	-	-	<0.002	<0.002	-	-	<0.2	<0.2	0.7	<0.5	-	-	0.211	0.245	<0.2	<0.2	0.35	-	0.32	<0.1	<0.1
24/10/2013	WA1	544	-	-	0.566	-	0.613	2300	2090	<0.005	-	<0.005	3360	3590	173	186	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.225	0.236	<0.2	<0.2	0.86	-	0.43	<0.1	<0.1
21/11/2013	WA1	532	-	-	0.649	-	0.749	1840	2190	<0.005	-	<0.005	3570	3780	175	189	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.287	0.287	<0.2	<0.2	1.79	-	0.77	<0.1	<0.1
28/01/2014	WA1	487	-	-	0.695	-	0.699	2270	2280	<0.005	-	<0.005	3880	4000	192	187	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.277	0.281	<0.2	<0.2	0.33	-	0.48	<0.1	<0.1
24/04/2014	WA1	524	-	-	0.69	-	0.714	2290	2440	<0.005	-	<0.005	3770	3780	173	168	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.24	0.242	<0.2	<0.2	0.19	-	0.21	<0.1	<0.1
15/05/2014	WA1	461	-	-	0.516		0.531	2360	2190	<0.005		<0.005	2390	2410	149	155	-	-	0.003	<0.002	-	-	<0.2	<0.2	0.91	<0.5	-	-	0.183	0.176	0.26	<0.2	2.3		0.41	<0.1	<0.1
22/05/2014	WA1	396	-	-	0.437		0.428	2210	1750	0.007		<0.005	1340	1220	115	107	-	-	0.01	0.003	-	-	<0.2	<0.2	1.76	<0.5	-	-	0.213	0.148	0.62	<0.2	4.58		0.34	0.14	<0.1
30/05/2014	WA1	426	-	-	0.414	na	0.441	2270	2110	<0.005	na	<0.005	1380	1410	110	109	-	-	0.006	<0.002	-	-	<0.2	<0.2	1.1	<0.5	-	-	0.174	0.15	0.39	<0.2	2.2	na	0.4	<0.1	<0.1
30/05/2014	WA1-DUP	397	-	-	0.44		0.445	2330	2170	<0.005		<0.005	1320	1320	112	107	-	-	0.006	<0.002	-	-	<0.2	<0.2	1.38	<0.5	-	-	0.178	0.146	0.39	<0.2	2.57		0.25	<0.1	<0.1
05/06/2014	WA1	367	-	-	0.379		0.387	2280	2110	<0.005		<0.005	1230	1220	99.1	95.8	-	-	0.004	<0.002	-	-	0.72	<0.2	0.83	<0.5	-	-	0.166	0.14	0.33	<0.2	11.4		0.54	<0.1	<0.1
12/06/2014	WA1	402	-	-	0.413		0.403	2240	2040	<0.005		<0.005	1450	1380	107	107	-	-	0.002	<0.002	-	-	<0.2	<0.2	1.91	<0.5	-	-	0.159	0.148	0.31	<0.2	1.26		0.46	<0.1	<0.1
24/07/2014	WA1	538	-	-	0.564	-	0.404	2400	2290	<0.005	-	0.007	3060	2620	173	167	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	0.51	-	-	0.211	0.218	<0.2	<0.2	0.25	-	0.9	<0.1	<0.1
21/08/2014	WA1	520	-	-	0.542		0.521	2260	2400	<0.005		<0.005	3480	3240	176	189	-	-	0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.242	0.252	<0.2	<0.2	0.73		0.49	<0.1	<0.1
28/08/2014	WA1	548	-	-	0.557		0.551	2420	2400	<0.005		<0.005	3430	3430	184	194	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.236	0.25	<0.2	<0.2	0.41		0.37	<0.1	<0.1
05/09/2014	WA1	496	-	-	0.486	na	0.523	2380	2370	<0.005	na	<0.005	3230	3100	178	179	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.222	0.227	<0.2	<0.2	0.31	na	0.22	<0.1	<0.1
12/09/2014	WA1	509	-	-	0.567		0.555	2570	2420	<0.005		<0.005	3700	3620	179	178	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.234	0.24	<0.2	<0.2	0.25		0.19	<0.1	<0.1
18/09/2014	WA1	527	-	-	0.553		0.534	2530	2180	<0.005		<0.005	3770	3520	182	181	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.247	0.242	<0.2	<0.2	0.18		0.29	<0.1	<0.1
31/10/2014	WA1	548	-	-	0.513	-	0.481	1970	2150	<0.005	-	<0.005	3910	3760	183	192	-	-	<0.002	<0.002	-	-	<0.2	<0.2	0.71	<0.5	-	-	0.243	0.264	<0.2	<0.2	0.98	-	0.2	<0.1	<0.1
27/11/2014	WA1	550	-	-	0.531	-	0.525	2130	2090	<0.005	-	<0.005	3230	3240	175	164	-	-	<0.002	<0.002	-	-	0.24	<0.2	<0.5	<0.5	-	-	0.244	0.239	<0.2	<0.2	0.4	-	0.36	<0.1	<0.1
18/12/2014	WA1	455	-	-	0.513	-	0.569	2100	2340	<0.005	-	<0.005	3060	3360	166	171	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.228	0.238	<0.2	<0.2	0.2	-	0.31	<0.1	<0.1
22/01/2015	WA1	498	-	-	0.585	-	0.594	2450	2200	<0.005	-	<0.005	4380	4130	188	186	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.261	0.248	<0.2	<0.2	0.26	-	0.13	<0.1	<0.1
26/02/2015	WA1	480	-	-	0.587	-	0.608	2330	2330	<0.005	-	<0.005	3770	4000	178	170	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.242	0.241	<0.2	<0.2	0.19	-	0.27	<0.1	<0.1
26/03/2015	WA1	497	-	-	0.567	-	0.567	2370	2280	<0.005	-	<0.005	3440	3450	169	179	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.207	0.224	<0.2	<0.2	0.28	-	0.26	<0.1	<0.1
23/04/2015	WA1	423	-	-	0.34	-	0.48	2060	1990	<0.005	-	<0.005	1780	1880	123	132	-	-	0.004	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.168	0.165	<0.5	<0.2	1.3	-	0.33	<0.1	<0.1
14/05/2015	WA1	470	-	-	0.491		0.498	2050	2340	<0.005		<0.005	2200	1950	151	154	-	-	0.0036	<0.002	-	-	<0.2	<0.2	1.11	<0.5	-	-	0.229	0.226	<0.2	<0.2	6.32		0.34	<0.1	<0.1
21/05/2015	WA1	400	-	-	0.342		0.401	1810	1970	<0.005		<0.005	1790	1640	127	119	-	-	0.004	0.002	-	-	<0.2	<0.2	1.96	<0.5	-	-	0.171	0.16	0.28	<0.2	1.02		0.77	<0.1	<0.1
28/05/2015	WA1	418	-	-	0.356	na	0.304	2120	2000	<0.005	na	<0.005	1280	1360	108	111	-	-	0.005	0.003	-	-	<0.2	<0.2	1.53	<0.5	-	-	0.162	0.147	0.29	<0.2	1.44	na	3.93	<0.1	<0.1
05/06/2015	WA1	404	-	-	0.348		0.397	2290	2070	<0.005		<0.005	1510	1530	116	117	-	-	0.006	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.168	0.152	<0.5	<0.2	1.6		0.27	0.22	<0.1
11/06/2015	WA1	432	-	-	0.504		0.425	2130	2150	<0.005		<0.005	2000	1860	145	136	-	-	0.0026	<0.002	-	-	<0.2	<0.2	0.68	<0.5	-	-	0.198	0.177	<0.2	<0.2	2.01		0.14	<0.1	<0.1
23/07/2015	WA1	524	-	-	0.503	-	0.501	2200	2210	<0.005	-	<0.005	3310	3270	183	176	-	-	0.0021	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.261	0.244	<0.2	<0.2	0.3	-	0.66	<0.1	<0.1
20/08/2015	WA1	576	-	-	0.541		0.508	2420	2630	<0.005		<0.005	3770	3680	194	201	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.274	0.271	<0.2	<0.2	0.74		0.28	<0.1	<0.1
27/08/2015	WA1	553	-	-	0.478		0.524	2290	2460	<0.005		<0.005	3510	3630	185	192	-	-	0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.271	0.277	<0.2	<0.2	0.35		0.49	<0.1	<0.1
03/09/2015	WA1	532	-	-	0.522	na	0.469	2190	1940	<0.005	na	<0.005	3720	3770	191	186	-	-	<0.002	<0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.267	0.261	<0.2	<0.2	0.6	na	3.24	<0.1	<0.1
10/09/2015	WA1	555	-	-	0.521		0.508	2390	2520	<0.005		<0.005	3730	3690	198	195	-	-	<0.002	0.002	-	-	<0.2	<0.2	<0.5	<0.5	-	-	0.262	0.28	<0.2	<0.2	0.29		0.21	<0.1	<0.1
17/09/2015	WA1	545	-	-	0.648		0.537	3270	2390	<0.005		<0.005	4290	3800	218	188	-	-	0.013	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.388	0.29	<0.5	<0.2	5.4		0.2	<0.1	<0.1
12/05/2016	WA1	396	-	-	0.432	-	0.446	2290	2070	<0.005	-	<0.005	1620	1640	130	126	-	-	0.003	<0.002	-	-	<0.2	<0.2	<5	<0.5	-	-	0.176	0.175	<0.5	<0.2	1.4	-	0.47	<0.1	<0.1
20/07/2018	WA1	551	0.26	0.28	0.531	-	0.607	2360	2080	<0.01	-	<0.01	3330	3220	184	180	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.235	0.234	<0.5	<0.5	<3	-	<1	<0.06	<0.06
09/11/2018	WA1	505	0.22	0.24	0.622	-	0.571	2240	2080	<0.01	-	<0.01	3990	4060	184	190	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	0.272	0.267	<0.5	<0.5	<3	-	<1	<0.06	<0.06
17/06/2019	WA1	469	0.27	0.27	0.564	-	0.528	2210	2050	<0.01	-	<0.01	2310	2520	152	161	<0.2	<0.2	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	0.33	<0.3	<0.1	<0.1	0.188	0.211	<0.5	<0.5	<3	-	<1	<0.2	<0.2

Polycyclic Aromatic Hydrocarbons (PAHs)

Sample Date	Sample ID	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(b & k)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	Light Molecular Weight (PAH Sum)	Heavy Molecular Weight (PAH Sum)	PAHs (Sum of total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.015	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.1	0.05	0.1
BC WQG Approved Long Term Average (Chronic) - Freshwater				6[#11]		3[#12]	4[#13]	0.1[#11]	0.01[#11]							4[#14]	12[#11]		1	0.3[#11]	0.02[#15]				
16/05/2012	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/06/2012	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/07/2012	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/08/2012	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/09/2012	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2012	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/11/2012	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/12/2012	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/01/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/02/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/03/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/04/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/05/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/06/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/07/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/08/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/10/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/11/2013	WA1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/01/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	0.069	<0.02	<0.5	<0.5	<0.05	<0.5
24/04/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
15/05/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/05/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/05/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
30/05/2014	WA1-DUP	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/06/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
24/07/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/08/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/08/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/09/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/09/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/09/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
31/10/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/11/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
18/12/2014	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
22/01/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/02/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
26/03/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/04/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
14/05/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
21/05/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
28/05/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
05/06/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
11/06/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
23/07/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/08/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
27/08/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
03/09/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
10/09/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
17/09/2015	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
12/05/2016	WA1	-	<0.1	<0.05	<0.05	<0.05	<0.01	<0.01	<0.009	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.1	<0.05	<0.02	<0.24	<0.24	<0.05	<0.24
20/07/2018	WA1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
09/11/2018	WA1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-
17/06/2019	WA1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.015	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05	-	-	-

Notes:
Averaged results are the average five sample results collected within a 30 day period (i.e., 5-in-30 event), including duplicate result values.
Grey shaded cells indicate 5-in-30 events
RDL - reportable detection limit
na - not applicable
mg/L - miligram per litre
µg/L - microgram per litre
BC WQG - BC Water Quality Guidelines
CCME CWQG - Canadian Council of Ministers Canadian Water Quality Guidelines
#1:Guideline varies with temperature, and pH. Most conservative value listed.
#2:30 day average concentration guideline is 3.0 mg/L.
#3:Ranges from 5 to 15 ug/L and is only applied to lakes with salmonids.
#4:Guideline varies with hardness. Most conservative value listed.
#5:30-day average guideline. Guideline varies with hardness. Most conservative value listed.
#6:Short-term WQG - pH greater than or equal to 6.5. See formula for pH less than 6.5
#7:Long-term WQG.
#8:Guideline varies with hardness. Most conservative long-term value listed.
#9:Guideline is for dissolved iron. Guideline for total iron is 1 mg/L.
#10:Alert concentration of 1 ug/L
#11:Chronic toxicity guideline.
#12:Chronic toxicity guideline. Phototoxic guideline is 0.05 ug/L.
#13:Chronic toxicity guideline. Phototoxic guideline is 0.1 ug/L.
#14:Chronic toxicity guideline. Phototoxic guideline is 0.2 ug/L.
#15:Phototoxicity guideline.
#16:Guideline is for chromium (III). Chromium (VI) guideline is 1 ug/L.
#17:Maximum concentration. 0.096 mg/L chronic toxicity guieline.
#18:Guideline for KCl
#19:30 day average guideline specific to the lower Columbia River. Ontario water quality objective is 0.3 ug/L .
#20:Median threshold level: Scenedesmus.
#21:Total ammonia guideline varies with temperature and pH. See CCME Factsheets.
#22:Phosphorus concentration varies based on trophic level. Value listed is for oligotropic. See factsheet.
#23:Aluminum guideline is 5 µg/L if pH < 6.5 and 100 µg/L if pH >= 6.5.
#24:Cadmium concentration of 0.04 µg/L is for waters of > 0 to < 17 mg/L hardness (as CaCO3). See factsheet for hardness-dependent calculation at other levels.
#25:Copper concentration of 2 µg/L is for waters of 0 to < 8.2 mg/L hardness (as CaCO3) or unknown hardness. See factsheet for hardness-dependent calculation at other levels.
#26:Lead concentration of 1 µg/L is for waters of 0 to < 60 mg/L hardness (as CaCO3) or unknown hardness. See factsheet for hardness-dependent calculation at other levels.
#27:Nickel concentration of 25 µg/L is for waters of 0 to < 60 mg/L hardness (as CaCO3) or unknown hardness. See factsheet for hardness-dependent calculation at other levels.
#28:The short-term cadmium concentration of 0.11 µg/L is for waters of 0 to < 5.3 mg/L hardness (as CaCO3). See factsheet for hardness-dependent calculation at other levels.

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Appendix C

Surface Water Analytical Results compared to EVWQP Targets

Location Code	Sample Date	Sample ID	Lab Report Number	Nitrate (as N)	Sulphate (SO4)*	Cadmium	Selenium
Units				mg/L	mg/L	µg/L	µg/L
RDL				0.005	0.5	0.005	0.04
Elk Valley Long-term Water Quality Targets (EVWQP)				3	429	0.24	19
A1	14/05/2012	A1	B240844	0.065	8.73	0.069	0.4
	18/06/2012	A1	B252527	0.032	5.98	0.0464	0.286
	23/07/2012	A1	B265706	0.01	9.6	0.013	0.417
	25/08/2012	A1	B276408	0.01	12.6	0.007	0.562
	17/09/2012	A1	B283851	0.01	13.7	0.044	0.522
	24/10/2012	A1	B297129	-	16.5	0.007	0.495
	23/11/2012	A1	B2A7294	-	15	0.01	0.468
	15/12/2012	A1	B2B4014	0.041	16.6	0.005	0.662
	24/01/2013	A1	B306701	0.045	16.4	0.009	0.517
	24/01/2013	A1-DUP	B306701	0.051	16	0.005	0.463
	20/02/2013	A1	B314188	0.031	16.7	0.008	0.681
	20/03/2013	A1	B322778	0.038	17.2	0.009	0.621
	17/04/2013	A1	B330896	0.035	18.6	0.014	0.694
	23/05/2013	A1	B341817	0.05	7.34	0.084	0.281
	20/06/2013	A1	B351922	0.05	6.05	0.862	0.315
	17/07/2013	A1	B361290	0.01	11.5	0.005	0.598
	26/08/2013	A1	B376191	0.01	13.9	0.009	0.497
	25/09/2013	A1	B387669	0.029	15.4	0.006	0.498
	24/10/2013	A1	B399472	0.025	16.7	0.006	0.57
	20/11/2013	A1	B3A8665	0.067	18	0.006	0.617
	22/12/2013	A1	B387782	0.091	17.3	0.007	0.611
	22/12/2013	A1-DUP	B387782	0.089	17.5	0.007	0.64
	28/01/2014	A1	B407313	0.081	17.7	0.005	0.576
	28/01/2014	A1-DUP	B407313	0.078	17.9	0.006	0.61
	27/02/2014	A1	B416171	0.081	18.2	0.007	0.639
	27/03/2014	A1	B424928	0.053	18.7	0.006	0.682
	24/04/2014	A1	B432952	0.055	18	0.012	0.658
	15/05/2014	A1	B439804	0.074	14.7	0.034	0.562
	22/05/2014	A1	B442060	0.12	8.58	0.08	0.399
	29/05/2014	A1	B444272	0.086	9.14	0.03	0.333
	05/06/2014	A1	B446972	-	7.13	0.021	0.309
	12/06/2014	A1	B449500	0.029	7.64	0.015	0.35
	24/07/2014	A1	B464009	0.01	12.4	0.01	0.424
	21/08/2014	A1	B474408	0.028	13.8	0.009	0.493
	28/08/2014	A1	B476541	0.028	14.3	0.007	0.514
	05/09/2014	A1	B479164	0.037	14.8	0.008	0.563
	12/09/2014	A1	B481292	0.038	13.4	0.007	0.595
	18/09/2014	A1	B483962	0.024	14.3	0.007	0.53
	30/10/2014	A1	B499587	0.029	16.3	0.005	0.525
	28/11/2014	A1	B4A9093	0.079	15.2	0.0125	0.533
	18/12/2014	A1	B4B5326	0.067	15.8	0.0064	0.5
	22/01/2015	A1	B505986	0.073	16.2	0.009	0.581
	27/02/2015	A1	B516449	-	17.1	0.0061	0.627
	26/03/2015	A1	B525184	-	16.6	0.0074	0.572
	26/03/2015	A1-DUP	B525184	-	16.4	0.0072	0.56
	23/04/2015	A1	B533584	0.055	11.6	0.03	0.346
	15/05/2015	A1	B540628	0.01	11.5	0.0131	0.4
	21/05/2015	A1	B542667	0.01	9.44	0.013	0.331
	28/05/2015	A1	B545872	0.042	7.94	0.026	0.353
	04/06/2015	A1	B547761	0.043	6.53	0.0301	0.254
	11/06/2015	A1	B549906	0.042	9.27	0.0117	0.402
	23/07/2015	A1	B563471	0.021	14.1	0.0065	0.466
	20/08/2015	A1	B572515	0.031	14.1	0.007	0.491
	27/08/2015	A1	B575103	0.028	14.6	0.01	0.47
	03/09/2015	A1	B577658	0.037	14.7	0.022	0.397
	10/09/2015	A1	B579637	0.044	15.6	0.007	0.536
	17/09/2015	A1	B582068	0.033	14.9	0.005	0.621
	12/05/2016	A1	B637198	0.038	14.9	0.013	0.408
	20/07/2018	A1	L2133661	0.007	-	0.0057	0.495
	09/11/2018	A1	L2195291	0.0455	-	0.0069	0.585
	04/03/2019	A1	L2240838	0.0788	-	0.0145	0.574
	04/03/2019	A1-DUP	L2240838	0.0761	-	0.0059	0.677
	18/06/2019	A1	L2295044	0.0194	-	0.0101	0.467
A2	15/05/2012	A2	B240844	0.097	7.17	0.063	0.312
	18/06/2012	A2	B252527	0.036	4.84	0.0576	0.266
	24/07/2012	A2	B265706	0.01	8.51	0.012	0.387
	25/08/2012	A2	B276408	0.01	11.1	0.009	0.555
	17/09/2012	A2	B283851	0.034	12.7	0.006	0.507
	24/10/2012	A2	B297129	-	15.3	0.005	0.67
	24/10/2012	A2-DUP	B297129	-	14.7	0.0025	0.568
	24/11/2012	A2	B2A7294	-	14.8	0.022	0.67
	15/12/2012	A2	B2B4014	0.048	15	0.005	0.564
	25/01/2013	A2	B306701	0.064	14.8	0.0025	0.542
	20/02/2013	A2	B314188	0.043	15.9	0.0025	0.659
	20/03/2013	A2	B322778	0.06	16.1	0.005	0.558
	17/04/2013	A2	B330896	0.054	17.1	0.005	0.563
	23/05/2013	A2	B341817	0.05	6.16	0.08	0.303
	20/06/2013	A2	B351922	0.052	3.84	0.714	0.263
	17/07/2013	A2	B361290	0.034	10.1	0.005	0.52
	26/08/2013	A2	B376191	0.021	12.7	0.007	0.539
	25/09/2013	A2	B387669	0.059	14.2	0.005	0.566
	24/10/2013	A2	B399472	0.035	16.2	0.0025	0.589
	20/11/2013	A2	B3A8665	0.058	15.9	0.018	0.565
	22/12/2013	A2	B387782	0.077	23.3	0.0025	0.583
	28/01/2014	A2	B407313	0.076	17.1	0.0025	0.628
	26/02/2014	A2	B416171	0.075	16.8	0.005	0.58
	27/03/2014	A2	B424928	0.069	18.1	0.005	0.601
	24/04/2014	A2	B432952	0.1	16.7	0.005	0.628
	15/05/2014	A2	B439804	0.097	13.2	0.041	0.544
	22/05/2014	A2	B442060	0.128	7.18	0.087	0.334
	29/05/2014	A2	B444272	0.094	7.38	0.026	0.324
	05/06/2014	A2	B446972	-	5.73	0.023	0.313
	05/06/2014	A2-DUP	B446972	-	5.77	0.023	0.298
	12/06/2014	A2	B449500	0.041	6.63	0.018	0.333
	24/07/2014	A2	B464009	0.01	11.2	0.03	0.42
	21/08/2014	A2	B474408	0.032	12	0.009	0.477
	28/08/2014	A2	B476541	0.038	13.3	0.007	0.508
	05/09/2014	A2	B479164	0.041	13.6	0.006	0.543
	12/09/2014	A2	B481292	0.045	12.4	0.007	0.579
	18/09/2014	A2	B483962	0.024	13.1	0.007	0.538
	30/10/2014	A2	B499587	0.03	16.8	0.0025	0.547
	27/11/2014	A2	B4A9093	0.062	14.7	0.0025	0.537
	18/12/2014	A2	B4B5326	0.083	14.9	0.0025	0.507
	18/12/2014	A2-DUP	B4B5326	0.081	15.5	0.0057	0.489
	22/01/2015	A2	B505986	0.059	15.1	0.005	0.59
	27/02/2015	A2	B516449	-	15.4	0.0025	0.575
	26/03/2015	A2	B525184	-	15.4	0.0025	0.527
	23/04/2015	A2	B533584	0.07	10.3	0.0226	0.306
	15/05/2015	A2	B540628	0.025	10.5	0.0101	0.387
	21/05/2015	A2	B542667	0.01	8.44	0.015	0.327
	21/05/2015	A2-DUP	B542667	0.01	7.75	0.014	0.307
	28/05/2015	A2	B545872	0.049	6.54	0.027	0.249
	04/06/2015	A2	B547761	0.048	5.67	0.0272	0.247
	11/06/2015	A2	B549906	0.05	8.32	0.0134	0.347
	23/07/2015	A2	B563471	0.033	13.1	0.005	0.441
	20/08/2015	A2	B572515	0.038	13.5	0.0025	0.493
	27/08/2015	A2	B575103	0.052	13.4	0.005	0.471
	03/09/2015	A2	B577658	0.055	13.9	0.005	0.499
	10/09/2015	A2	B579637	0.051	16.2	0.006	0.583
	17/09/2015	A2	B582068	0.057	16.2	0.0025	0.629
	12/05/2016	A2	B637198	0.041	10.4	0.009	0.371
	20/07/2018	A2	L2133661	0.0133	-	0.0025	0.54
	09/11/2018	A2	L2195291	0.0471	-	0.0025	0.573
	05/03/2019	A2	L2240838	0.0667	-	0.0053	0.574
	17/06/2019	A2	L2295044	0.0329	-	0.0077	0.438
A3	16/05/2012	A3	B240844	0.14	7.33	0.117	0.358
	18/06/2012	A3	B252527	0.048	7.71	0.0869	0.362
	24/07/2012	A3	B265706	0.01	12.3	0.013	0.56
	25/08/2012	A3	B276408	0.01	16.3	0.01	0.718
	17/09/2012	A3	B283851	0.01	17.6	0.007	0.637
	24/10/2012	A3	B297129	-	19.8	0.031	0.604
	24/11/2012	A3	B2A7294	-	16.3	0.006	0.604
	15/12/2012	A3	B2B4014	0.058	17.9	0.009	0.564
	25/01/2013	A3	B306701	0.085	18.8	0.01	0.892
	17/04/2013	A3	B330896	0.056	18.6	0.006	2.06
	23/05/2013	A3	B341817	0.071	8.32	0.039	0.296
	23/05/2013	A3-DUP	B341817	0.065	9.13	0.047	0.366
	20/06/2013	A3	B351922	0.066	3.71	1.82	0.46
	17/07/2013	A3	B361290	0.027	15.3	0.0025	0.57
	17/07/2013	A3-DUP	B361290	0.022	17	0.007	0.587
	26/08/2013	A3	B376191	0.01	18.5	0.009	0.56
	25/09/2013	A3	B387669	0.021	18.4	0.007	0.533
	24/10/2013	A3	B399472	0.02	19.2	0.006	0.592
	21/11/2013	A3	B3A8725	0.072	21.1	0.007	0.738
	28/01/2014	A3	B407313	0.089	21.4	0.005	0.751
	24/04/2014	A3	B432952	0.104	18.2	0.007	0.72
	15/05/2014	A3	B439804	0.246	11.5	0.026	0.46
	22/05/2014	A3	B442060	0.178	8.89	0.106	0.356
	29/05/2014	A3	B444272	0.103	10.1	0.037	0.346
	05/06/2014	A3	B446972	-	8.13	0.042	0.376
	12/06/2014	A3	B449500	0.054	9.77	0.032	0.416
A3 (B)	27/02/2015	A3 (B)	B516449	-	19.9	0.0056	0.651
	24/07/2014	A3(B)	B464009	0.03	12.8	0.008	0.45
	21/08/2014	A3(B)	B474408	0.039	15.7	0.008	0.544
	28/08/2014	A3(B)	B476541	0.048	15.6	0.007	0.542
	05/09/2014	A3(B)	B479164	0.062	14.8	0.006	0.595
	12/09/2014	A3(B)	B481292	0.054	14.8	0.008	0.601
	18/09/2014	A3(B)	B483962	0.053	14.1	0.006	0.544
	30/10/2014	A3(B)	B499587	0.045	19.3	0.006	0.574
	27/11/2014	A3(B)	B4A9093	0.085	17.4	0.0054	0.579
	18/12/2014	A3(B)	B4B5326	0.087	17.8	0.0025	0.528
	22/01/2015	A3(B)	B505986	0.08	19	0.005	0.558
	27/02/2015	A3(B)-DUP	B516449	-	18.1	0.0025	0.617
	26/03/2015	A3(B)	B525184	-	18.2	0.0025	0.593
	23/04/2015	A3(B)	B533584	0.087	10.2	0.0119	0.285
	15/05/2015	A3(B)	B540628	0.034	10.5	0.0105	0.358
	15/05/2015	A3(B)-DUP	B540628	0.031	10.6	0.0108	0.375
	21/05/2015	A3(B)	B542667	0.023	7.28	0.011	0.27
	28/05/2015	A3(B)	B545872	0.053	6.47	0.016	0.278
	05/06/2015	A3(B)	B547761	0.036	6.44	0.0149	0.241
	11/06/2015	A3(B)	B549906	0.05	9.01	0.01	0.336
	23/07/2015	A3(B)	B563471	0.043	14.6	0.0059	0.492
	20/08/2015	A3(B)	B572515	0.046	15.7	0.006	0.548
	27/08/2015	A3(B)	B575103	0.063	15.9	0.007	0.489
	03/09/2015	A3(B)	B577658	0.072	17.3	0.006	0.673
	10/09/2015	A3(B)	B579637	0.067	19.9	0.006	0.674
	17/09/2015	A3(B)	B582068	0.08	17.5	0.006	0.679
	12/05/2016	A3(B)	B637198	0.04	10.3	0.008	0.386
	20/07/2018	A3(B)	L2133661	0.0119	-	0.0109	0.54
	09/11/2018	A3(B)	L2195291	0.062	-	0.005	0.703
	05/03/2019	A3(B)	L2240838	0.0908	-	0.0025	0.677
	17/06/2019	A3(B)	L2295044	0.0335	-	0.0111	0.41

Location Code	Sample Date	Sample ID	Lab Report Number	Nitrate (as N)	Sulphate (SO4)*	Cadmium	Selenium
Units				mg/L	mg/L	µg/L	µg/L
RDL				0.005	0.5	0.005	0.04
A4	16/05/2012	A4	B240844	0.063	3.51	0.05	0.208
	18/06/2012	A4	B252527	0.01	3.07	0.0228	0.173
	24/07/2012	A4	B265706	0.037	10.3	0.044	0.487
	25/08/2012	A4	B276408	0.065	17.6	0.01	0.686
	17/09/2012	A4	B283851	0.066	23.2	0.009	0.784
	24/10/2012	A4	B297129	-	28	0.01	0.739
	24/11/2012	A4	B2A7294	-	23.1	0.013	0.787
	15/12/2012	A4	B284014	0.099	26.8	0.01	0.773
	24/01/2013	A4	B306701	0.088	29.1	0.008	1.03
	20/02/2013	A4	B314188	0.093	30	0.017	0.905
	20/03/2013	A4	B322778	0.083	38.2	0.008	1.03
	17/04/2013	A4	B330896	0.072	28.9	0.008	0.819
	23/05/2013	A4	B341817	0.021	3	0.035	0.155
	20/06/2013	A4	B351922	0.042	1.99	1.29	0.235
	17/07/2013	A4	B361290	0.069	12.8	0.009	0.738
	26/08/2013	A4	B376191	0.089	21.5	0.013	0.762
	26/09/2013	A4	B388572	0.123	25.7	0.008	0.873
	24/10/2013	A4	B399472	0.1	24.2	0.009	0.903
	21/11/2013	A4	B3A8725	0.095	28	0.007	1.05
	21/11/2013	A4-DUP	B3A8725	0.098	37	0.009	1.02
	22/12/2013	A4	B387782	0.115	32.5	0.009	0.878
	28/01/2014	A4	B407313	0.095	30	0.006	0.904
	26/02/2014	A4	B416171	0.105	36.1	0.011	0.954
	27/03/2014	A4	B424928	0.085	38.8	0.007	0.924
	24/04/2014	A4	B432952	0.197	30	0.008	0.882
	15/05/2014	A4	B439804	0.102	12.7	0.016	0.499
	22/05/2014	A4	B442060	0.07	3.93	0.033	0.217
	30/05/2014	A4	B444272	0.061	6.35	0.012	0.211
	05/06/2014	A4	B446972	-	3.52	0.01	0.201
	12/06/2014	A4	B449500	0.05	4.72	0.008	0.243
	24/07/2014	A4	B464009	0.077	15	0.012	0.584
	21/08/2014	A4	B474408	0.063	22.7	0.01	0.681
	28/08/2014	A4	B476541	0.107	21.1	0.01	0.7
	05/09/2014	A4	B479164	0.123	16.6	0.011	0.699
	12/09/2014	A4	B481292	0.1	17.3	0.01	0.805
	18/09/2014	A4	B483962	0.104	15.1	0.01	0.689
	31/10/2014	A4	B499587	0.128	24.2	0.009	0.796
	27/11/2014	A4	B4A9093	0.098	24.3	0.0098	0.72
	18/12/2014	A4	B485326	0.095	25.3	0.0078	0.665
	22/01/2015	A4	B505986	0.093	30.1	0.01	0.79
	26/02/2015	A4	B516449	-	32.2	0.0096	0.883
	26/03/2015	A4	B525184	-	25.9	0.0081	0.645
	23/04/2015	A4	B533584	0.081	6.11	0.0117	0.198
	14/05/2015	A4	B540628	0.01	8.15	0.0274	0.281
	21/05/2015	A4	B542667	0.043	5.11	0.009	0.21
	28/05/2015	A4	B545872	0.048	4.34	0.014	0.216
	05/06/2015	A4	B547761	0.05	4.6	0.0142	0.215
	11/06/2015	A4	B549906	0.072	7.63	0.0109	0.341
	23/07/2015	A4	B563471	0.092	19.9	0.0089	0.57
	20/08/2015	A4	B572515	0.084	24.8	0.008	0.764
	27/08/2015	A4	B575103	0.127	24.4	0.006	0.673
	03/09/2015	A4	B577658	0.107	26.6	0.008	0.722
	10/09/2015	A4	B579637	0.119	28.3	0.012	0.901
	17/09/2015	A4	B582068	0.159	26.6	0.01	0.941
	12/05/2016	A4	B637198	0.051	8	0.01	0.35
	20/07/2018	A4	L2133661	0.0651	-	0.013	0.74
	09/11/2018	A4	L2195291	0.0965	-	0.0053	0.968
	05/03/2019	A4	L2240838	0.0998	-	0.0096	1.06
	17/06/2019	A4	L2295044	0.0918	-	0.0096	0.469
A5	18/06/2012	A5	B252527	0.01	3.45	0.0114	0.182
	24/07/2012	A5	B265706	0.01	8.59	0.006	0.499
	25/08/2012	A5	B276408	0.01	15.3	0.01	1.09
	17/09/2012	A5	B283851	0.01	19.3	0.006	1.07
	24/10/2012	A5	B297129	-	25.1	0.293	1.31
	24/11/2012	A5	B2A7294	-	20.3	0.009	1.11
	15/12/2012	A5	B284014	0.086	24.1	0.006	1.16
	24/01/2013	A5	B306701	0.084	25.7	0.009	1.49
	20/02/2013	A5	B314188	0.082	27	0.006	1.55
	20/03/2013	A5	B322778	0.086	28.9	0.006	1.52
	17/04/2013	A5	B330896	0.069	26	0.006	1.2
	23/05/2013	A5	B341817	0.024	3.7	0.012	0.203
	20/06/2013	A5	B351922	0.035	2.66	0.085	0.16
	17/07/2013	A5	B361290	0.021	10.7	0.0025	0.787
	26/08/2013	A5	B376191	0.042	18.6	0.008	1.07
	26/09/2013	A5	B388572	0.038	25.2	0.006	1.1
	26/09/2013	A5-DUP	B388572	0.036	21.9	0.008	1.21
	24/10/2013	A5	B399472	0.01	16.5	0.006	0.597
	21/11/2013	A5	B3A8725	0.084	23.6	0.006	1.13
	22/12/2013	A5	B387782	0.104	26.6	0.006	1.37
	28/01/2014	A5	B407313	0.099	28.5	0.0025	1.44
	26/02/2014	A5	B416171	0.098	29.6	0.006	1.52
	27/03/2014	A5	B424928	0.101	30.3	0.0025	1.66
	24/04/2014	A5	B432952	0.107	21.1	0.006	1.21
	15/05/2014	A5	B439804	0.056	9.7	0.008	0.553
	22/05/2014	A5	B442060	0.072	4.23	0.011	0.205
	30/05/2014	A5	B444272	0.036	5.87	0.007	0.208
	05/06/2014	A5	B446972	-	4.07	0.008	0.173
	12/06/2014	A5	B449500	0.01	4.67	0.0025	0.227
	25/07/2014	A5	B464009	0.01	12	0.008	0.611
	21/08/2014	A5	B474408	0.039	20	0.007	1.01
	28/08/2014	A5	B476541	0.044	18.9	0.007	0.949
	05/09/2014	A5	B479164	0.05	13.6	0.006	0.787
	12/09/2014	A5	B481292	0.037	15.1	0.006	0.832
	18/09/2014	A5	B483962	0.085	13	0.007	0.681
	31/10/2014	A5	B499587	0.089	22.9	0.005	1.1
	27/11/2014	A5	B4A9093	0.09	20.9	0.0025	0.987
	18/12/2014	A5	B485326	0.091	21.9	0.0055	0.994
	22/01/2015	A5	B505986	0.098	24.8	0.006	1.24
	26/02/2015	A5	B516449	-	26.8	0.0059	1.4
	26/03/2015	A5	B525184	-	22.1	0.0025	1.1
	23/04/2015	A5	B533584	0.054	7.87	0.006	0.418
	14/05/2015	A5	B540628	0.01	7.86	0.17	0.313
	21/05/2015	A5	B542667	0.029	5.75	0.008	0.232
	28/05/2015	A5	B545872	0.023	4.78	0.007	0.219
	28/05/2015	A5-DUP	B545872	0.023	4.79	0.01	0.227
	05/06/2015	A5	B547761	0.01	4.92	0.0073	0.211
	05/06/2015	A5-DUP	B547761	0.01	4.98	0.0373	0.215
	11/06/2015	A5	B549906	0.01	7.61	0.007	0.284
	11/06/2015	A5-DUP	B549906	0.01	7.14	0.0073	0.287
	23/07/2015	A5	B563471	0.041	17	0.0057	0.751
	20/08/2015	A5	B572515	0.05	20.4	0.007	1
	27/08/2015	A5	B575103	0.038	21.5	0.007	0.926
	03/09/2015	A5	B577658	0.042	21.5	0.005	0.959
	11/09/2015	A5	B579637	0.039	21.9	0.005	1.05
	18/09/2015	A5	B582068	0.029	22.2	0.005	1.09
	12/05/2016	A5	B637198	0.01	7.12	0.006	0.253
	20/07/2018	A5	L2133661	0.0238	-	0.0088	0.845
	09/11/2018	A5	L2195291	0.0636	-	0.0025	1.31
	05/03/2019	A5	L2240838	0.105	-	0.0066	1.77
	17/06/2019	A5	L2295044	0.0218	-	0.0025	0.357
G1	15/05/2012	G1	B240844	0.01	10.7	0.22	0.365
	19/06/2012	G1	B252527	0.01	8.91	0.0696	0.352
	25/07/2012	G1	B265706	0.01	14.9	0.018	0.296
	26/08/2012	G1	B276408	0.01	19.8	0.012	0.397
	18/09/2012	G1	B283851	0.01	21.6	0.015	0.387
	18/09/2012	G1-DUP	B283851	0.01	22.2	0.015	0.387
	25/10/2012	G1	B297129	-	28.8	0.012	0.541
	24/11/2012	G1	B2A7294	-	20.6	0.018	0.452
	16/12/2012	G1	B284014	0.026	24.2	0.013	0.494
	25/01/2013	G1	B306701	0.031	24.9	0.012	0.383
	21/02/2013	G1	B314188	0.036	25.7	0.028	0.478
	21/03/2013	G1	B322778	0.033	25	0.017	0.426
	18/04/2013	G1	B331290	0.029	28.5	0.015	0.68
	24/05/2013	G1	B341818	0.01	10.1	0.051	0.327
	18/07/2013	G1	B361929	0.01	19	0.016	0.411
	27/08/2013	G1	B376651	0.062	24.7	0.007	1.84
	26/09/2013	G1	B388572	0.048	24.9	0.007	1.52
	23/10/2013	G1	B399458	0.07	25	0.006	1.72
	21/11/2013	G1	B3A8725	0.025	24.7	0.01	0.461
	23/12/2013	G1	B388312	0.037	26.2	0.013	0.438
	28/01/2014	G1	B407313	0.137	27.5	0.007	1.27
	27/02/2014	G1	B416171	0.036	28.6	0.014	0.441
	28/03/2014	G1	B424928	0.032	27.4	0.01	0.489
	25/04/2014	G1	B432952	0.043	31	0.018	0.929
	16/05/2014	G1	B439804	0.05	13.2	0.057	0.401
	23/05/2014	G1	B442060	0.025	9.74	0.108	0.33
	23/05/2014	G1-DUP	B442060	0.023	9.65	0.147	0.271
	29/05/2014	G1	B444272	0.01	11.5	0.038	0.337
	06/06/2014	G1	B446972	-	9.46	0.051	0.362
	13/06/2014	G1	B449500	0.01	10	0.033	0.327
	13/06/2014	G1-DUP	B449500	0.01	9.57	0.047	0.329
	25/07/2014	G1	B464009	0.01	18.8	0.025	0.356
	22/08/2014	G1	B474408	0.01	23.9	0.041	0.321
	29/08/2014	G1	B476541	0.01	24.3	0.032	0.339
	29/08/2014	G1-DUP	B476541	0.01	23.8	0.032	0.355
	05/09/2014	G1-DUP	B479164	0.01	24.9	0.03	0.433
	06/09/2014	G1	B479164	0.01	23.9	0.03	0.45
	12/09/2014	G1	B481292	0.01	25.1	0.027	0.448
	19/09/2014	G1	B483962	0.01	24	0.044	0.344
	30/10/2014	G1	B499587	0.01	23.4	0.025	0.418
	28/11/2014	G1	B4A9093	0.03	23.3	0.0771	0.303
	18/12/2014	G1	B485326	0.028	18.5	0.0212	0.35
	22/01/2015	G1	B505986	0.029	23.5	0.06	0.424
	26/02/2015	G1	B516449	-	22.9	0.043	0.416
	27/03/2015	G1	B525184	-	20.7	0.0207	0.429
	24/04/2015	G1	B533584	0.027	13.9	0.0215	0.241
	14/05/2015	G1	B540628	0.01	12.6	0.0275	0.283
	22/05/2015	G1	B542667	0.01	10.2	0.034	0.281
	29/05/2015	G1	B545872	0.01	11.1	0.092	0.337
	04/06/2015	G1	B547761	0.01	10.3	0.081	0.294
	12/06/2015	G1	B549906	0.01	12.6	0.0199	0.311
	24/07/2015	G1	B563471	0.01	22.9	0.0225	0.321
	21/08/2015	G1	B572515	0.01	24.3	0.026	0.306
	28/08/2015	G1	B575103	0.01	24	0.026	0.281
	04/09/2015	G1	B577658	0.01	24.5	0.025	0.304
	10/09/2015	G1	B579637	0.01	27.5	0.021	0.33
	18/09/2015	G1	B582068	0.01	25.8	0.021	0.36
	13/05/2016	G1	B637198	0.01	12.7	-	-
	20/07/2018	G1	L2133661	0.0025	-	0.0123	0.365
	09/11/2018	G1	L2195291	0.01	-	0.0133	0.555
	05/03/2019	G1	L2240838	0.044	-	0.012	0.431
	17/06/2019	G1	L2295044	0.0025	-	0.0181	0.355
	18/06/2019	G1-DUP	L2295044	0.0025	-	0.0148	0.391
G2	15/05/2012	G2	B240844	0.113	11.5	0.2	0.529
	19/06/2012	G2	B252527	0.099	10.4	0.0644	0.603
	25/07/2012	G2	B265706	0.037	26.8	0.012	1.11
	26/08/2012	G2	B276408	0.052	21.9	0.008	1.55
	18/09/2012	G2	B283851	0.065	24.1	0.008	1.6
	25/10/2012	G2	B297129	-	27.6	0.018	2.06
	25/10/2012	G2-DUP	B297129	-	27.9	0.007	2.01
	24/11/2012	G2	B2A7294	-	23	0.016	1.73
	16/12/2012	G2	B284014	0.085	25.1	0.009	1.86
	25/01/2013	G2	B306701	0.108	26.9	0.009	2.24
	25/01/2013	G2-DUP	B306701	0.099	27.3	0.005	2.56
	21/02/2013	G2	B314188	0.106	27.8	0.007	2.54
	21/03/2013	G2	B322778	0.097	28	0.006	2.34
	18/04/2013	G2	B331290	0.071	25.3	0.006	1.94
	24/05/2013	G2	B341818	0.106	11.4	0.133	0.58
	18/07/2013	G2	B361929	0.055	20.1	0.01	1.41
	27/08/2013	G2	B376651	0.01	22.1	0.014	0.309
	27/08/2013	G2-DUP	B376651	0.01	22.6	0.012	0.326
	26/09/2013	G2	B388572	0.01	22.1	0.013	0.355
	23/10/2013	G2	B399458	0.01	22.5	0.012	0.372
	21/11/2013	G2	B3A8725	0.091	29.2	0.006	2.15
	23/12/2013	G2	B388312	0.143	29.4	0.006	2.23
	28/01/2014	G2	B407313	0.137	29.7	0.005	2.13
	27/02/2014	G2	B416171	0.127	30.9	0.007	2.48
	28/03/2014	G2	B424928	0.097	34.4	0.006	2.63
	28/03/2014	G2-DUP	B424928	0.1	31.7	0.005	2.67
	25/04/2014	G2	B432952	0.096	27.3	0.008	1.83
	16/05/2014	G2	B439804	0.139	14.4	0.049	0.888
	16/05/2014	G2-DUP	B439804	0.142	14.5	0.048	0.903
	23/05/2014	G2	B442060	0.219	10.3	0.221	0.556
	29/05/2014	G2	B444272	0.182	11.9	0.05	0.645
	06/06/2014	G2	B446972	-	10	0.033	0.588
	13/06/2014	G2	B449500	0.089	10.8	0.021	0.608
	25/07/2014	G2	B464009	0.049	20.4	0.01	1.28
	25/07/2014	G2-DUP	B464009	0.05	20.2	0.009	1.3
	22/08/2014	G2	B474408	0.073	24.6	0.007	1.51
	22/08/2014	G2-DUP	B474408	0.071	25.1	0.007	1.63
	29/08/2014	G2	B476541	0.069	24.8	0.008	1.73
	06/09/2014	G2	B479164	0.065	23.5	0.01	1.41
	12/09/2014	G2	B481292	0.044	24.3	0.008	1.57
	19/09/2014	G2	B483962	0.076	24.8	0.007	1.74
	30/10/2014	G2	B499587	0.051	26.5	0.006	1.64
	30/10/2014	G2-DUP	B499587	0.045	25.8	0.009	1.58
	28/11/2014	G2	B4A9093	0.085	22	0.0119	1.21
	28/11/2014	G2-DUP	B4A9093	0.089	21.7	0.022	1.22
	18/12/2014	G2	B485326	0.101	23.6	0.0059	1.33
	22/01/2015	G2	B505986	0.107	26.7	0.007	1.9
	26/02/2015	G2	B516449	-	25.5	0.006	1.73
	27/03/2015	G2	B525184	-	22.9	0.0064	1.37
	24/04/2015	G2	B533584	0.123	15	0.0081	0.591
	24/04/2015	G2-DUP	B533584	0.124	14.9	0.0132	0.588
	14/05/2015	G2	B540628	0.103	14	0.0104	0.715
	21/05/2015	G2	B542667	0.056	11.9	0.039	0.596
	29/05/2015	G2	B545872	0.07	13	0.033	0.563
	04/06/2015	G2	B547761	0.047	11.7	0.05	0.514
	12/06/2015	G2	B549906	0.076	15.3	0.015	0.772
	24/07/2015	G2	B563471	0.087	22.8	0.0191	1.24
	21/08/2015	G2	B572515	0.081	25	0.011	1.75
	28/08/2015	G2	B575103	0.075	25.3	0.009	1.65
	04/09/2015	G2	B577658	0.086	25.2	0.011	1.63
	10/09/2015	G2	B579637	0.047	26.9	0.009	1.68
	18/09/2015	G2	B582068	0.078	25.8	0.007	1.84
	13/05/2016	G2	B637198	0.098	14.1	0.014	0.637
	20/07/2018	G2	L2133661	0.0602	-	0.0089	1.55
	09/11/2018	G2	L2195291	0.0681	-	0.0089	2.31
	04/03/2019	G2	L2240838	0.119	-	0.0095	2.43
	18/06/2019	G2	L2295044	0.0394	-	0.0102	1.03

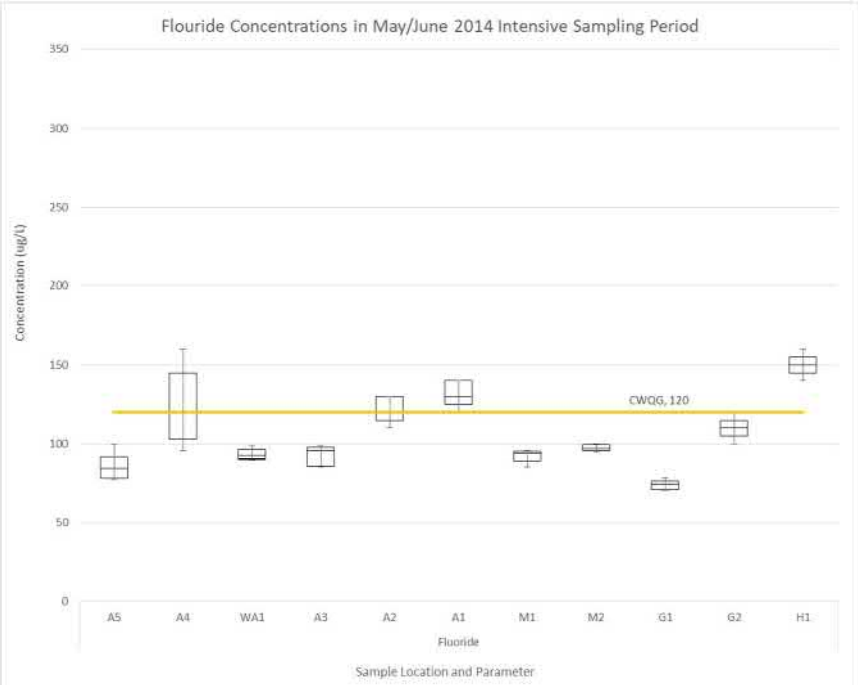
Location Code	Sample Date	Sample ID	Lab Report Number	Nitrate (as N)	Sulphate (SO4)*	Cadmium	Selenium
Units				mg/L	mg/L	µg/L	µg/L
RDL				0.005	0.5	0.005	0.04
H1	15/05/2012	H1	B240844	0.425	53.2	0.187	11.1
	19/06/2012	H1	B252527	0.32	46.6	0.054	10.5
	25/07/2012	H1	B265706	0.377	75.8	0.017	15.5
	26/08/2012	H1	B276408	0.675	115	0.015	22.7
	18/09/2012	H1	B283851	0.769	131	0.028	20.4
	25/10/2012	H1	B297129	-	153	0.012	24.7
	23/11/2012	H1	B2A7294	-	144	0.046	25.6
	16/12/2012	H1	B284014	0.837	144	0.039	26.3
	25/01/2013	H1	B306701	0.851	140	0.015	26.5
	21/02/2013	H1	B314188	0.863	145	0.015	24.7
	21/02/2013	H1-DUP	B314188	0.874	144	0.017	23.6
	21/03/2013	H1	B322778	0.909	158	0.015	25.8
	21/03/2013	H1-DUP	B322778	0.913	159	0.015	26.3
	18/04/2013	H1	B331290	0.961	160	0.02	29.5
	24/05/2013	H1	B341818	0.435	59.9	0.068	12.2
	18/07/2013	H1	B361929	0.546	101	0.015	20.4
	27/08/2013	H1	B376651	0.696	130	0.016	25.6
	26/09/2013	H1	B388572	0.697	141	0.01	25.6
	23/10/2013	H1	B399458	0.787	144	0.013	26.9
	21/11/2013	H1	B3A8725	0.811	161	0.014	27.3
	22/12/2013	H1	B387782	0.983	164	0.017	28.7
	28/01/2014	H1	B407313	1	165	0.011	26.4
	27/02/2014	H1	B416171	1.03	178	0.013	27.4
	27/02/2014	H1-DUP	B416171	1.04	180	0.015	27.9
	28/03/2014	H1	B424928	0.934	173	0.014	27.4
	25/04/2014	H1	B432952	0.853	145	0.021	26.8
	16/05/2014	H1	B439804	0.588	80.2	0.075	20.5
	23/05/2014	H1	B442060	0.497	54	0.176	14.1
	29/05/2014	H1	B444272	0.547	60.1	0.055	17.9
	06/06/2014	H1	B446972	-	50.6	0.045	13.5
	13/06/2014	H1	B449500	0.348	54.4	0.022	13.4
	25/07/2014	H1	B464009	0.47	108	0.015	20.4
	22/08/2014	H1	B474408	0.646	139	0.016	22.2
	29/08/2014	H1	B476541	0.657	137	0.016	22.1
	06/09/2014	H1	B479164	0.626	121	0.017	20.6
	12/09/2014	H1	B481292	0.656	127	0.014	23.6
	19/09/2014	H1	B483962	0.714	140	0.014	23
	19/09/2014	H1-DUP	B483962	0.052	14.1	0.01	0.577
	30/10/2014	H1	B499587	0.744	144	0.012	22.7
	28/11/2014	H1	B4A9093	0.751	148	0.031	21.2
	18/12/2014	H1	B4B5326	0.832	146	0.0115	20.4
	22/01/2015	H1	B505986	0.908	159	0.014	24.3
	23/01/2015	H1-DUP	B505986	0.905	161	0.013	24.8
	26/02/2015	H1	B516449	-	148	0.015	22.7
	27/03/2015	H1	B525184	-	130	0.0167	22.1
	24/04/2015	H1	B533584	0.581	90.4	0.021	13.5
	14/05/2015	H1	B540628	0.456	84.1	0.0129	16.5
	21/05/2015	H1	B542667	0.301	65.5	0.019	10.8
	29/05/2015	H1	B545872	0.27	49.3	0.034	8.8
	04/06/2015	H1	B547761	0.207	51.6	0.0482	8.02
	12/06/2015	H1	B549906	0.339	64.7	0.0186	11.2
	24/07/2015	H1	B563471	0.549	118	0.0197	18.6
	21/08/2015	H1	B572515	0.563	135	0.018	22.6
	28/08/2015	H1	B575103	0.619	137	0.016	22.8
	04/09/2015	H1	B577658	0.683	134	0.016	20.8
	10/09/2015	H1	B579637	0.443	141	0.014	22.9
	18/09/2015	H1	B582068	0.681	142	0.013	27.3
	13/05/2016	H1	B637198	0.408	75.4	0.021	15.9
	20/07/2018	H1	L2133661	0.428	-	0.0166	21.7
	09/11/2018	H1	L2195291	0.697	-	0.0141	29.8
	04/03/2019	H1	L2240838	0.838	-	0.0124	28.5
	18/06/2019	H1	L2295044	0.214	-	0.012	13.8
M1	14/05/2012	M1	B240844	0.109	20.5	0.207	1.14
	14/05/2012	M1-DUP	B240844	0.099	20	0.235	1.33
	19/06/2012	M1	B252527	0.092	15.6	0.085	0.823
	25/07/2012	M1	B265706	0.01	47.5	0.038	1.63
	25/08/2012	M1	B276408	0.181	68.4	0.033	1.71
	18/09/2012	M1	B283851	0.243	73.3	0.027	1.44
	18/09/2012	M1-DUP	B283851	0.241	75.1	0.03	2.17
	24/10/2012	M1	B297129	-	64.4	0.02	1.74
	23/11/2012	M1	B2A7294	-	49	0.028	1.68
	15/12/2012	M1	B284014	0.319	56.1	0.024	1.74
	25/01/2013	M1	B306701	0.373	71.3	0.028	2.34
	21/02/2013	M1	B314188	0.493	68.9	0.028	1.8
	20/03/2013	M1	B322778	0.302	46.1	0.027	1.39
	17/04/2013	M1	B330896	0.078	25.8	0.027	0.932
	24/05/2013	M1	B341818	0.135	12.7	0.071	0.673
	21/06/2013	M1	B352218	0.12	18.1	2.66	1.03
	21/06/2013	M1-DUP	B352218	0.12	15.7	2.72	0.895
	17/07/2013	M1	B361290	0.037	46.2	0.034	1.61
	26/08/2013	M1	B376191	0.267	72.1	0.033	1.82
	25/09/2013	M1	B387669	0.304	54.7	0.037	1.69
	24/10/2013	M1	B399472	0.238	65.3	0.022	2.17
	24/10/2013	M1-DUP	B399472	0.237	66.9	0.024	2.28
	20/11/2013	M1	B3A8665	0.184	35.5	0.024	1.31
	22/12/2013	M1	B387782	0.45	70	0.024	2.06
	27/01/2014	M1	B406874	0.446	72.7	0.032	1.93
	27/02/2014	M1	B416171	0.491	73	0.026	2.04
	27/03/2014	M1	B424928	0.383	65.5	0.027	1.95
	24/04/2014	M1	B432952	0.255	50.4	0.056	1.81
	24/04/2014	M1-DUP	B432952	0.256	50.5	0.063	1.87
	15/05/2014	M1	B439804	0.187	25.3	0.163	1.25
	23/05/2014	M1	B442060	0.16	9.82	0.916	0.816
	29/05/2014	M1	B444272	0.146	15.7	0.162	0.922
	05/06/2014	M1	B446972	-	12.1	0.144	0.803
	12/06/2014	M1	B449500	0.078	14.8	0.062	0.924
	24/07/2014	M1	B464009	0.183	41.8	0.03	1.43
	22/08/2014	M1	B474408	0.443	65.9	0.031	1.68
	29/08/2014	M1	B476541	0.378	52.3	0.033	1.47
	05/09/2014	M1	B479164	0.345	47.3	0.029	1.55
	11/09/2014	M1-DUP	B481292	0.342	55.4	0.023	1.65
	12/09/2014	M1	B481292	0.341	51.7	0.024	1.64
	19/09/2014	M1	B483962	0.344	55.5	0.025	1.66
	30/10/2014	M1	B499587	0.199	47	0.025	1.45
	28/11/2014	M1	B4A9093	0.427	49.5	0.0994	1.56
	18/12/2014	M1	B4B5326	0.303	43.8	0.0235	1.27
	23/01/2015	M1	B505986	0.373	55.9	0.027	1.75
	27/02/2015	M1	B516449	-	53.9	0.019	3.29
	26/03/2015	M1	B525184	-	34.2	0.0616	1.29
	23/04/2015	M1	B533584	0.041	21.9	0.0463	0.774
	15/05/2015	M1	B540628	0.075	22.9	0.0274	1.05
	21/05/2015	M1	B542667	0.098	16.1	0.06	0.74
	28/05/2015	M1	B545872	0.108	12.7	0.108	0.686
	04/06/2015	M1	B547761	0.127	14.5	0.131	0.793
	11/06/2015	M1	B549906	0.146	18.7	0.045	0.889
	23/07/2015	M1	B563471	0.236	47.6	0.0257	1.31
	20/08/2015	M1	B572515	0.301	60.3	0.028	1.34
	27/08/2015	M1	B575103	0.343	60.1	0.027	1.41
	03/09/2015	M1	B577658	0.349	56.1	0.17	1.3
	10/09/2015	M1	B579637	0.33	60.2	0.036	1.77
	17/09/2015	M1	B582068	0.34	56.4	0.028	1.79
	13/05/2016	M1	B637198	0.363	30	0.042	1.08
	09/11/2018	M1	L2195291	0.457	-	0.026	1.64
	09/11/2018	M1-DUP	L2195291	0.458	-	0.0218	1.69
	04/03/2019	M1	L2240838	0.495	-	0.0322	2.24
	18/06/2019	M1	L2295044	0.0099	-	0.025	1.07
M2	14/05/2012	M2	B240844	0.101	18.4	0.214	1.15
	19/06/2012	M2	B252527	0.091	14.8	0.0784	0.752
	25/07/2012	M2	B265706	0.218	45.4	0.021	3.91
	25/08/2012	M2	B276408	0.478	65.5	0.018	6.26
	18/09/2012	M2	B283851	0.587	71.4	0.012	5.4
	24/10/2012	M2	B297129	-	69.5	0.013	4.92
	23/11/2012	M2	B2A7294	-	57.4	0.026	4.13
	15/12/2012	M2	B284014	0.553	64.7	0.018	5.4
	24/01/2013	M2	B306701	0.794	80.5	0.02	7.65
	21/02/2013	M2	B314188	1.14	99	0.013	10.6
	20/03/2013	M2	B322778	0.631	67.4	0.022	5.29
	17/04/2013	M2	B330896	0.495	71.8	0.025	5.79
	17/04/2013	M2-DUP	B330896	0.499	71.2	0.025	5.84
	24/05/2013	M2	B341818	0.113	15.7	0.076	0.896
	21/06/2013	M2	B352218	0.128	18.8	2.53	1.11
	17/07/2013	M2	B361290	0.078	37.3	0.024	2.03
	26/08/2013	M2	B376191	0.242	51.8	0.023	2.27
	25/09/2013	M2	B387669	0.284	48.7	0.029	1.88
	24/10/2013	M2	B399472	0.24	53.6	0.017	2.62
	20/11/2013	M2	B3A8665	0.467	64.5	0.017	4.06
	22/12/2013	M2	B387782	0.512	61	0.017	3.8
	27/01/2014	M2	B406874	0.598	68.7	0.016	4.51
	27/02/2014	M2	B416171	0.88	83.6	0.018	7.18
	27/03/2014	M2	B424928	0.514	64.1	0.02	4.22
	24/04/2014	M2	B432952	0.229	46.8	0.05	1.79
	15/05/2014	M2	B439804	0.177	23.9	0.157	1.23
	23/05/2014	M2	B442060	0.158	14	0.769	0.858
	29/05/2014	M2	B444272	0.14	16.1	0.135	0.908
	05/06/2014	M2	B446972	-	11.9	0.226	0.774
	12/06/2014	M2	B449500	0.083	14.8	0.05	0.92
	24/07/2014	M2	B464009	0.217	37.8	0.022	2.26
	22/08/2014	M2	B474408	0.445	56.6	0.024	2.64
	29/08/2014	M2	B476541	0.378	45.7	0.023	2.4
	05/09/2014	M2	B479164	0.329	40.6	0.025	2.1
	12/09/2014	M2	B481292	0.325	41.1	0.018	2.4
	19/09/2014	M2	B483962	0.341	45.6	0.018	2.39
	30/10/2014	M2	B499587	0.29	45.1	0.017	2.66
	28/11/2014	M2	B4A9093	0.427	49.7	0.118	1.33
	18/12/2014	M2	B4B5326	0.357	44.8	0.0158	2.07
	23/01/2015	M2	B505986	0.481	53.3	0.02	3.78
	27/02/2015	M2	B516449	-	47.3	0.024	1.57
	26/03/2015	M2	B525184	-	34.7	0.0353	1.63
	23/04/2015	M2	B533584	0.034	21.5	0.0412	0.754
	15/05/2015	M2	B540628	0.074	22.9	0.0302	1.18
	21/05/2015	M2	B542667	0.085	15.8	0.052	0.796
	28/05/2015	M2	B545872	0.111	12.4	0.101	0.618
	04/06/2015	M2	B547761	0.109	15.3	0.12	0.787
	11/06/2015	M2	B549906	0.126	17.7	0.0587	0.858
	23/07/2015	M2	B563471	0.345	42.9	0.0168	2.84
	20/08/2015	M2	B572515	0.482	57.6	0.018	4.7
	27/08/2015	M2	B575103	0.564	59.1	0.017	4.68
	03/09/2015	M2	B577658	0.594	57.4	0.048	3.99
	10/09/2015	M2	B579637	0.351	55.1	0.033	2.93
	17/09/2015	M2	B582068	0.499	52.1	0.021	4.29
	13/05/2016	M2	B637198	0.381	30.1	0.049	1.24
	09/11/2018	M2	L2195291	0.403	-	0.0226	1.88
	04/03/2019	M2	L2240838	0.97	-	0.0206	8.84
	18/06/2019	M2	L2295044	0.021	-	0.0253	1.12
WA1	16/05/2012	WA1	B240844	0.109	7.93	0.126	0.412
	18/06/2012	WA1	B252527	0.065	8.22	0.0881	0.355
	24/07/2012	WA1	B265706	0.01	12.7	0.012	0.476
	25/08/2012	WA1	B276408	0.01	16.1	0.01	0.545
	17/09/2012	WA1	B283851	0.01	17.6	0.011	0.601
	24/10/2012	WA1	B297129	-	19.8	0.011	0.694
	24/11/2012	WA1	B2A7294	-	16.2	0.008	0.75
	15/12/2012	WA1	B284014	0.058	18.8	0.007	0.71
	25/01/2013	WA1	B306701	0.078	19.3	0.007	0.892
	20/02/2013	WA1	B314188	0.067	20.2	0.007	0.7
	20/03/2013	WA1	B322778	0.07	18.9	0.008	0.628
	17/04/2013	WA1	B330896	0.053	18.8	0.008	0.794
	23/05/2013	WA1	B341817	0.068	8.39	0.046	0.415
	20/06/2013	WA1	B351922	0.041	4.4	1.89	0.42
	17/07/2013	WA1	B361290	0.026	17.3	0.007	0.576
	26/08/2013	WA1	B376191	0.01	19.1	0.008	0.481
	25/09/2013	WA1	B387669	0.03	18.8	0.007	0.55
	24/10/2013	WA1	B399472	0.04	19.5	0.005	0.566
	21/11/2013	WA1	B3A8725	0.092	21.5	0.008	0.649
	28/01/2014	WA1	B407313	0.09	21.3	0.006	0.695
	24/04/2014	WA1	B432952	0.1	17	0.007	0.69
	15/05/2014	WA1	B439804	0.142	12.3	0.022	0.516
	22/05/2014	WA1	B442060	0.143	12.5	0.074	0.437
	30/05/2014	WA1	B444272	0.104	11.7	0.036	0.414
	30/05/2014	WA1-DUP	B444272	0.106	11.6	0.039	0.44
	05/06/2014	WA1	B446972	-	8.68	0.039	0.379
	12/06/2014	WA1	B449500	0.059	9.61	0.018	0.413
	24/07/2014	WA1	B464009	0.01	15.6	0.008	0.564
	21/08/2014	WA1	B474408	0.021	18.9	0.008	0.542
	28/08/2014	WA1	B476541	0.01	18.7	0.007	0.557
	05/09/2014	WA1	B479164	0.01	16.9	0.007	0.486
	12/09/2014	WA1	B481292	0.01	17.7	0.007	0.567
	18/09/2014	WA1	B483962	0.01	17.4	0.007	0.553
	31/10/2014	WA1	B499587	0.031	19.6	0.007	0.513
	27/11/2014	WA1	B4A9093	0.071	16.2	0.0085	0.531
	18/12/2014	WA1	B4B5326	0.082	16.1	0.0073	0.513
	22/01/2015	WA1	B505986	0.092	19.3	0.007	0.585
	26/02/2015	WA1	B516449	-	18.1	0.005	0.587
	26/03/2015	WA1	B525184	-	15.7	0.007	0.567
	23/04/2015	WA1	B533584	0.088	11.5	0.0154	0.34
	14/05/2015	WA1	B540628	0.048	14.2	0.0282	0.491
	21/05/2015	WA1	B542667	0.048	10.9	0.011	0.342
	28/05/2015	WA1	B545872	0.055	9.9	0.021	0.356
	05/06/2015	WA1	B547761	0.026	10.8	0.0154	0.348
	11/06/2015	WA1	B549906	0.047	12.8	0.0102	0.504
	23/07/2015	WA1	B563471	0.021	18.1	0.0066	0.503
	20/08/2015	WA1	B572515	0.01	18.7	0.008	0.541
	27/08/2015	WA1	B575103	0.01	19	0.007	0.478
	03/09/2015	WA1	B577658	0.01	18.8	0.008	0.522
	10/09/2015	WA1	B579637	0.022	18.3	0.006	0.521
	17/09/2015	WA1	B582068	0.023	19.2	0.072	0.648
	12/05/2016	WA1	B637198	0.076	12.6	0.014	0.432
	20/07/2018	WA1	L2133661	0.0153	-	0.0075	0.531
	09/11/2018	WA1	L2195291	0.0339	-	0.0057	0.622
	17/06/2019	WA1	L2295044	0.0286	-	0.0079	0.564

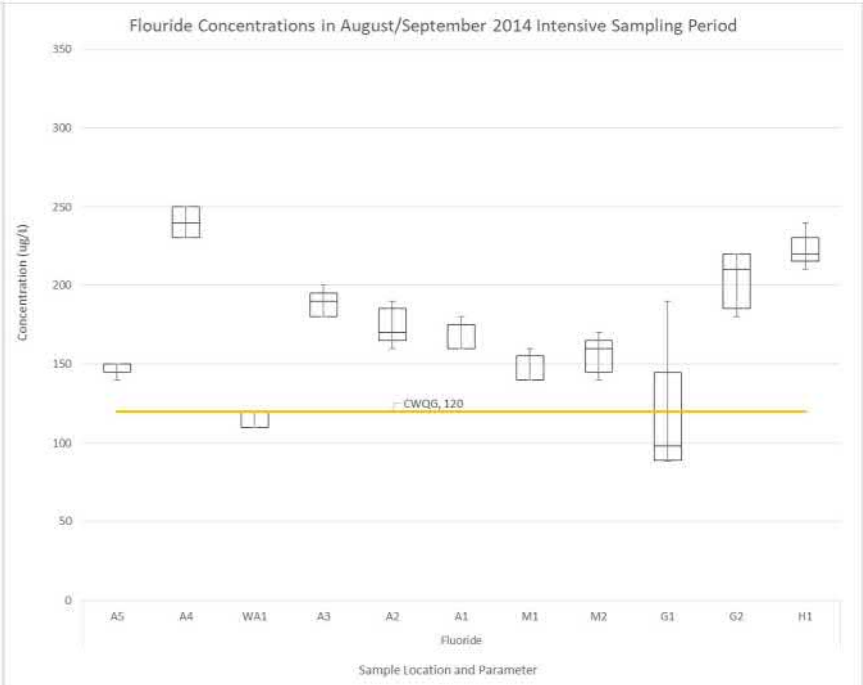
Notes:
RDL - reportable detection limit
mg/L - miligram per litre
µg/L - microgram per litre
* - Analytical results from 2012 to 2016 are for dissolved sulphate, and results from 2018 are for total sulphate.
Elk Valley Water Quality Target values for Management Unit 4 are applicable to the Site.
Elk Valley Water Quality Target values appear at listed in Table S-1 of the EVWQP and are provided for comparison purposes only.
Refer to the EVWQP for additional site-specific and guideline derivation information.

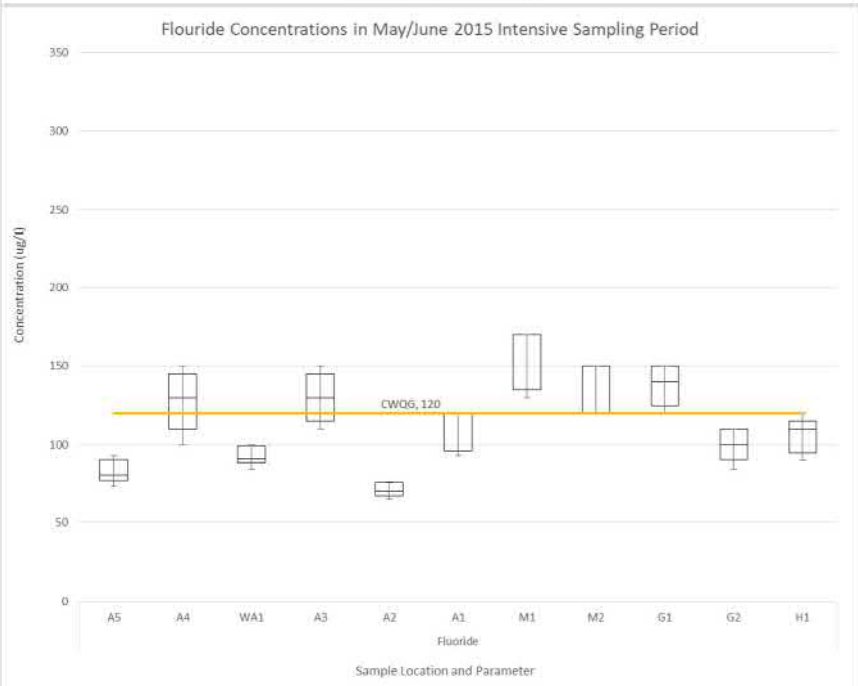
Appendix D

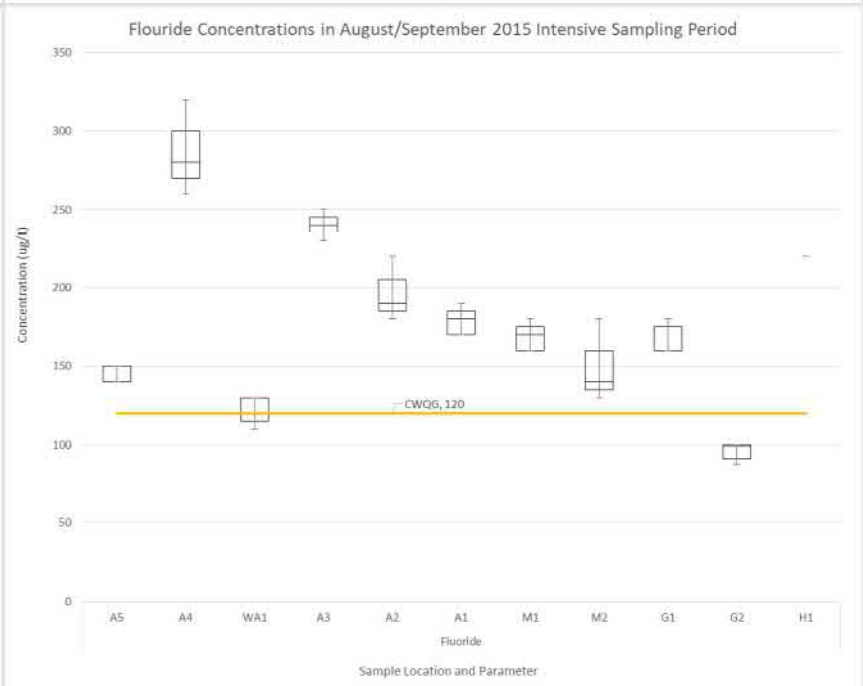
5-in-30 Box Plots

Appendix D: 5-in-30 Box Plots









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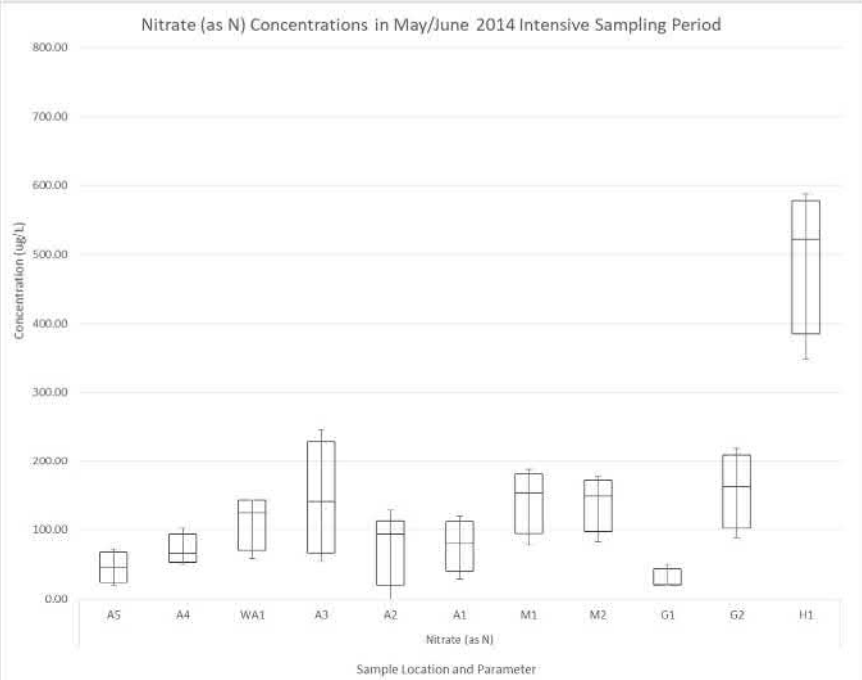

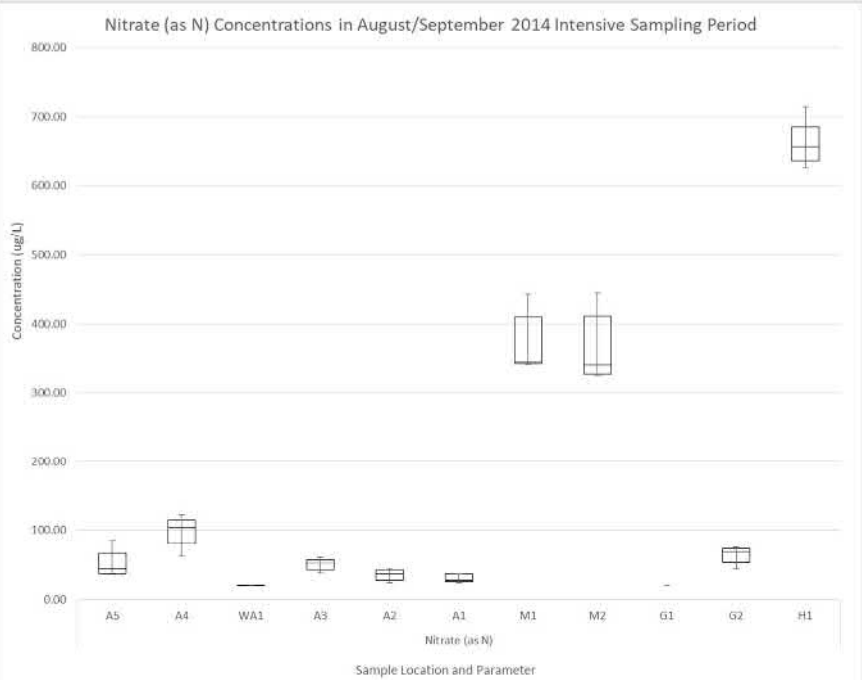

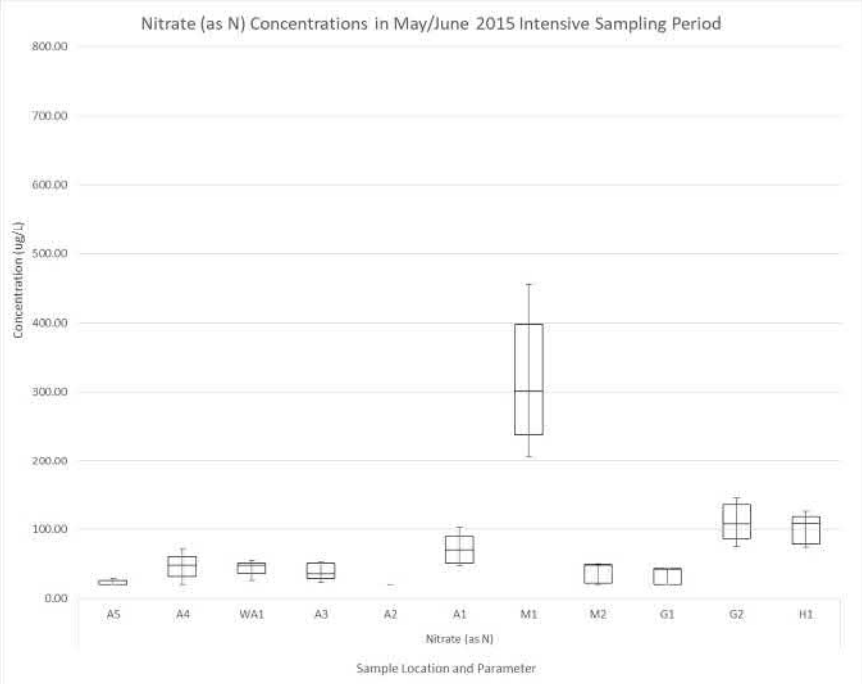

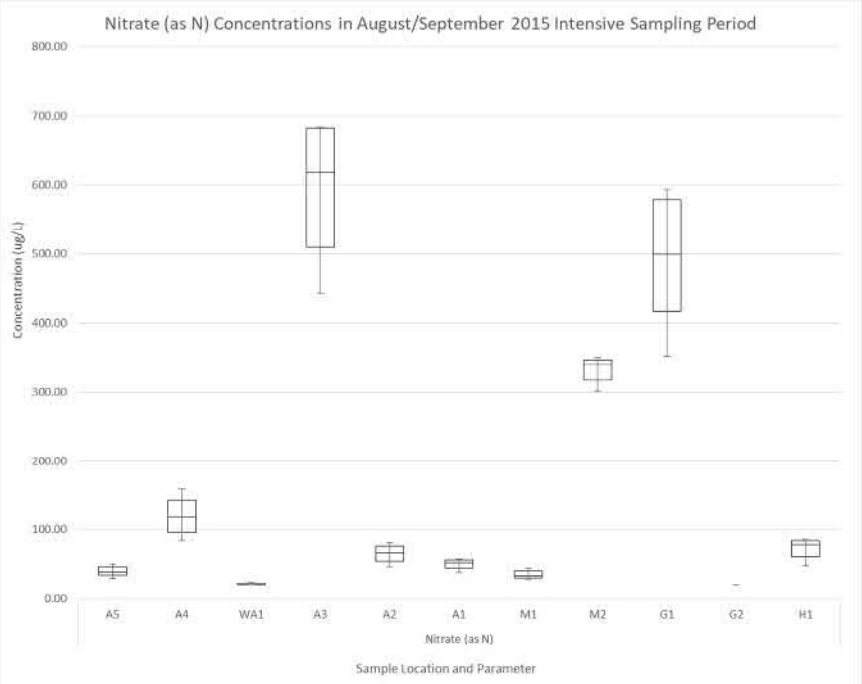

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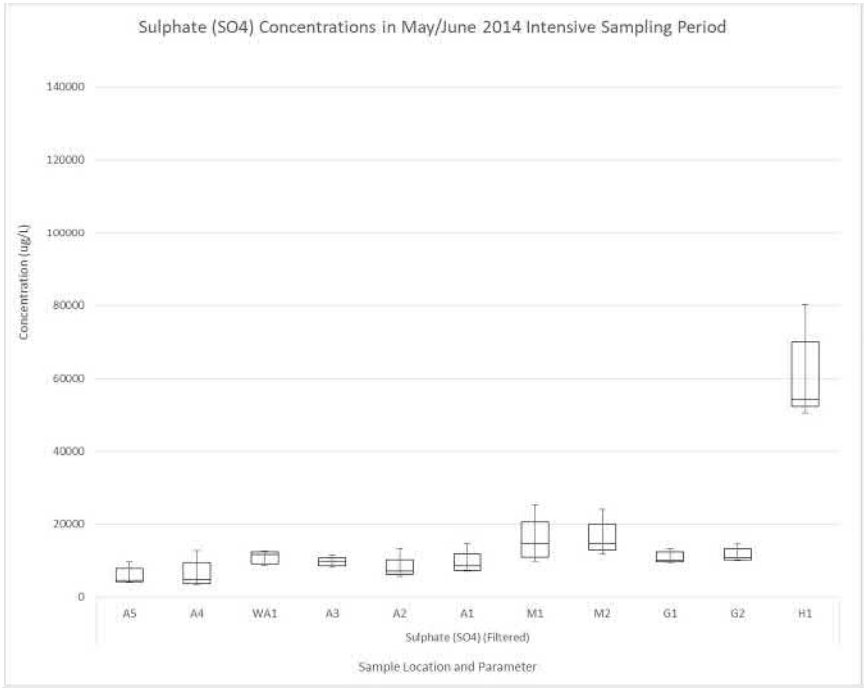
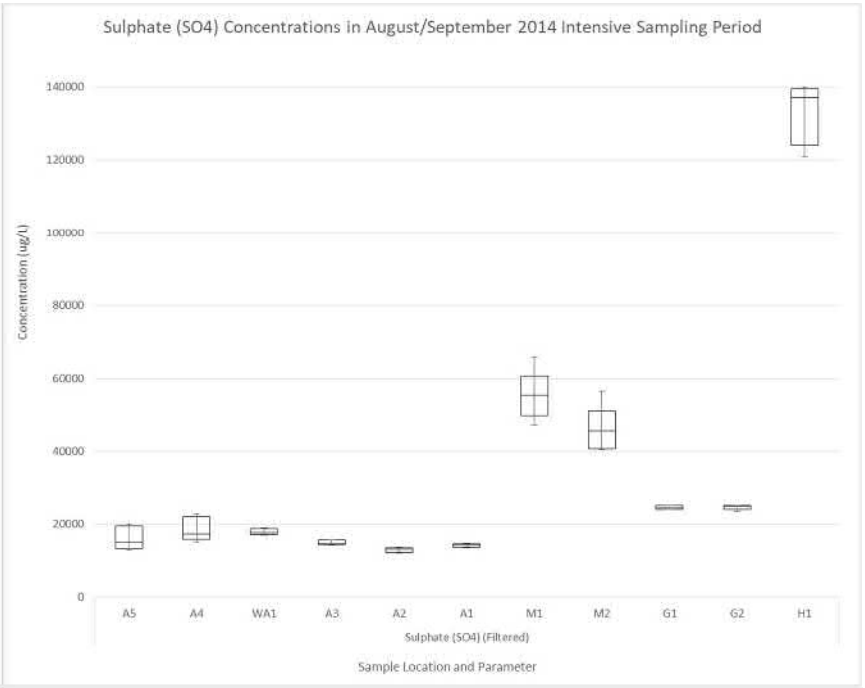
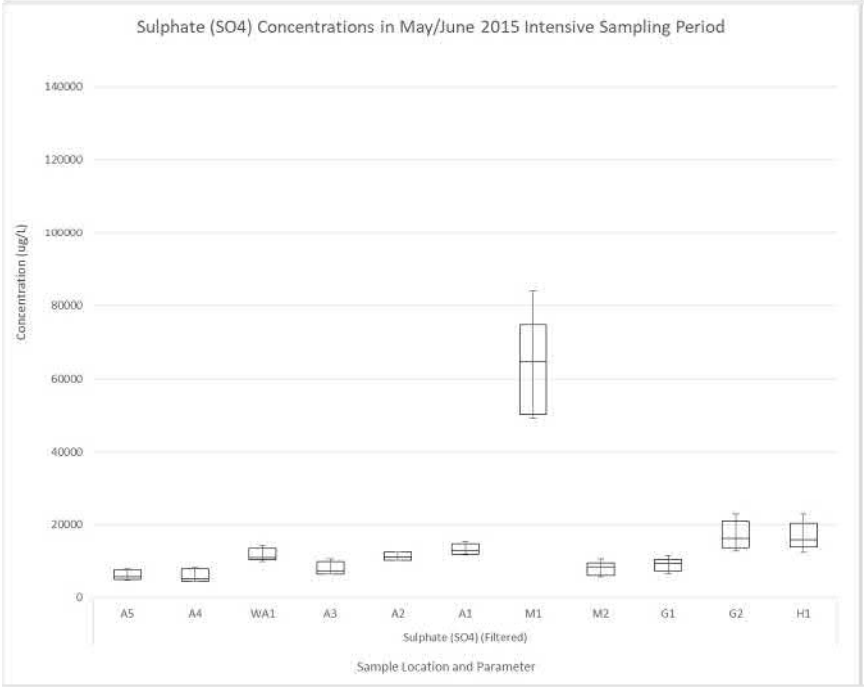
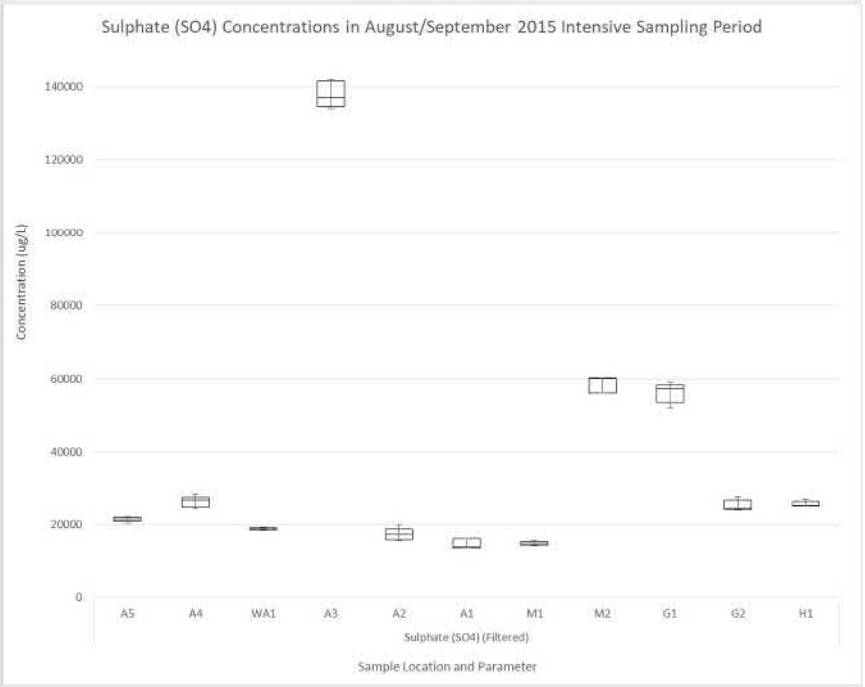
Appendix D: 5-in-30 Box Plots

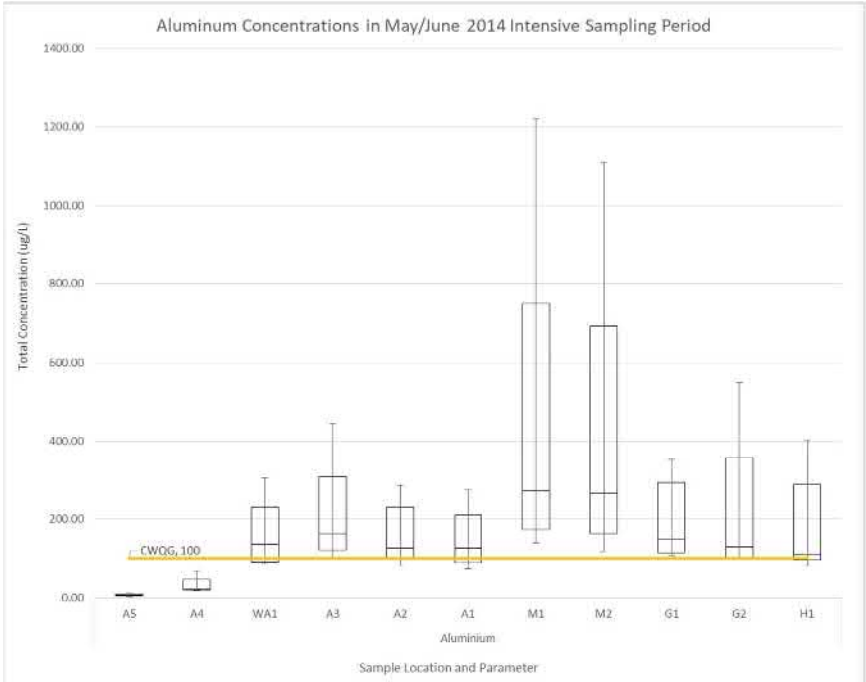


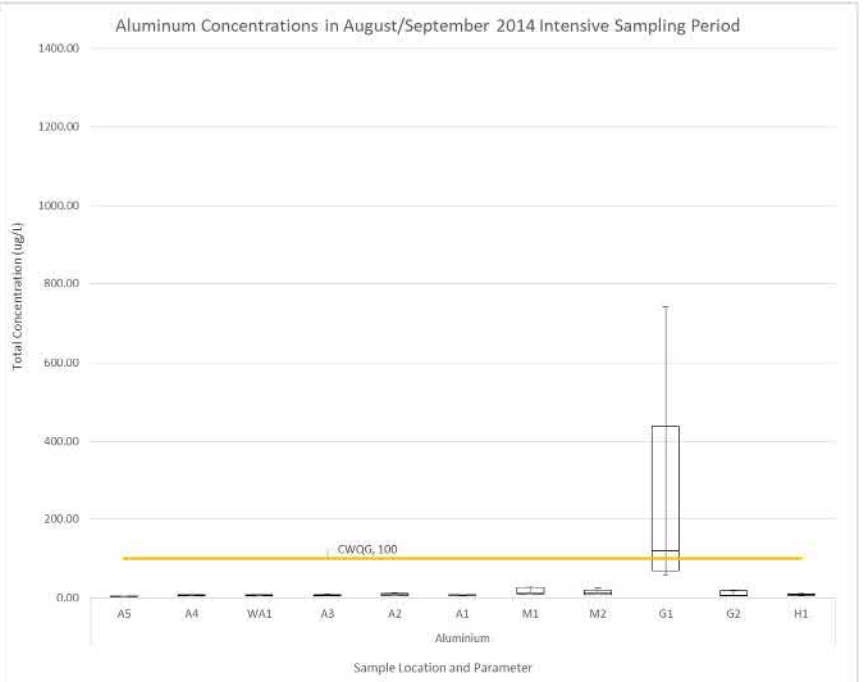


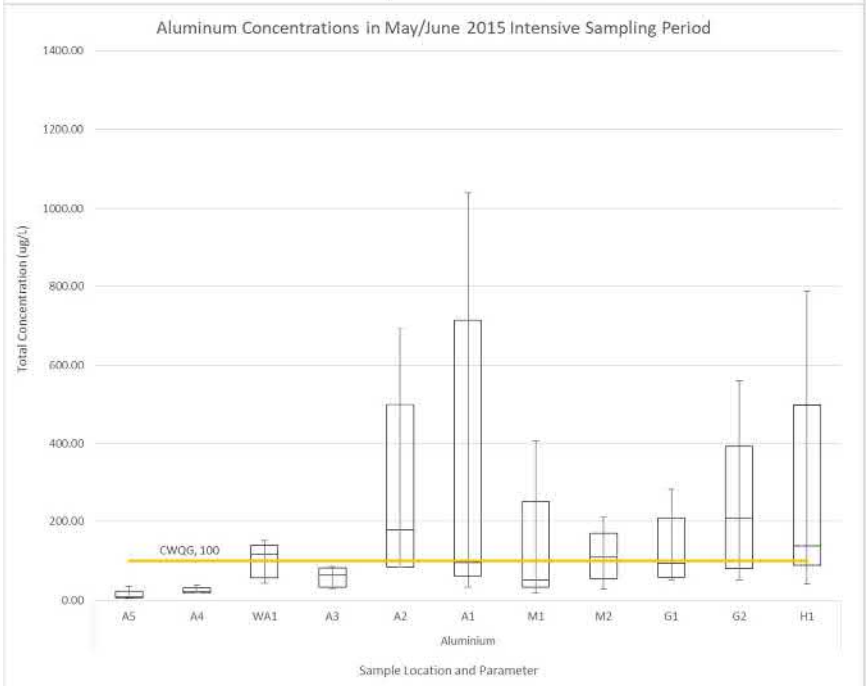


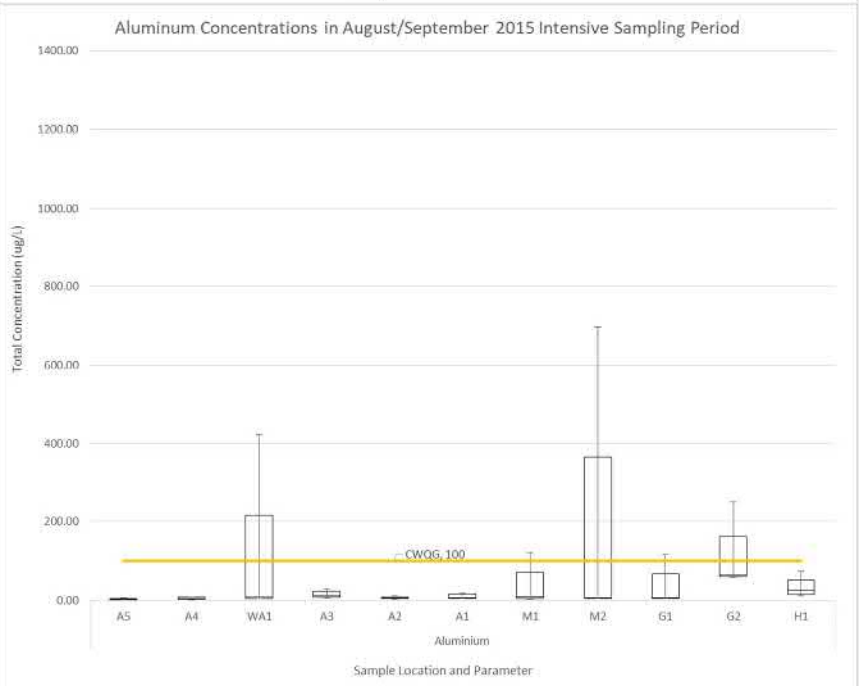


DILLON CONSULTING

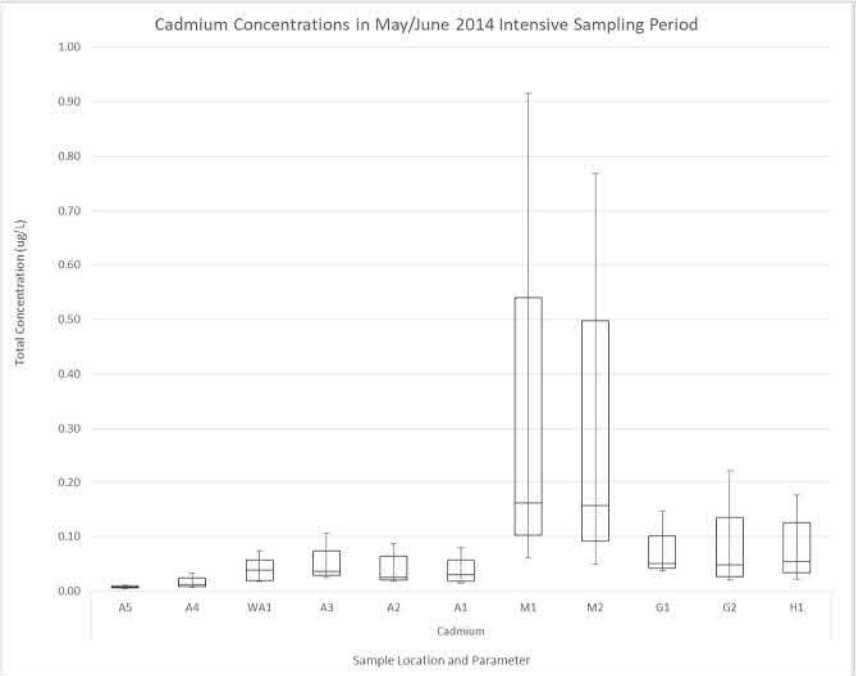

Aluminum Concentrations in May/June 2014 Intensive Sampling Period
Total Concentration (ug/L)
1400.00
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
CWQG, 100
A5
A4
WA1
A3
A2
A1
M1
M2
G1
G2
H1
Aluminium
Sample Location and Parameter

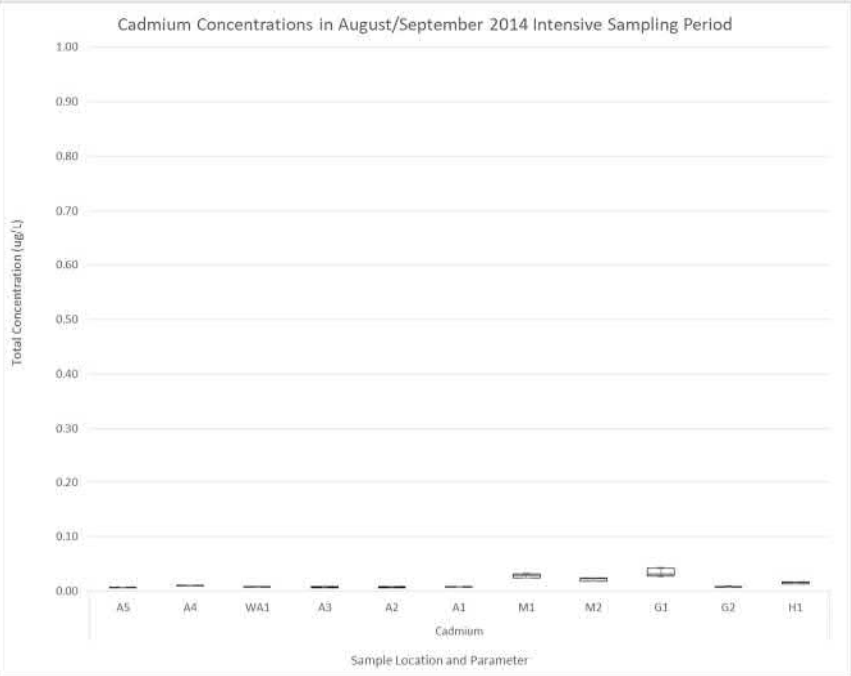

Aluminum Concentrations in August/September 2014 Intensive Sampling Period
Total Concentration (ug/L)
1400.00
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
CWQG, 100
A5
A4
WA1
A3
A2
A1
M1
M2
G1
G2
H1
Aluminium
Sample Location and Parameter

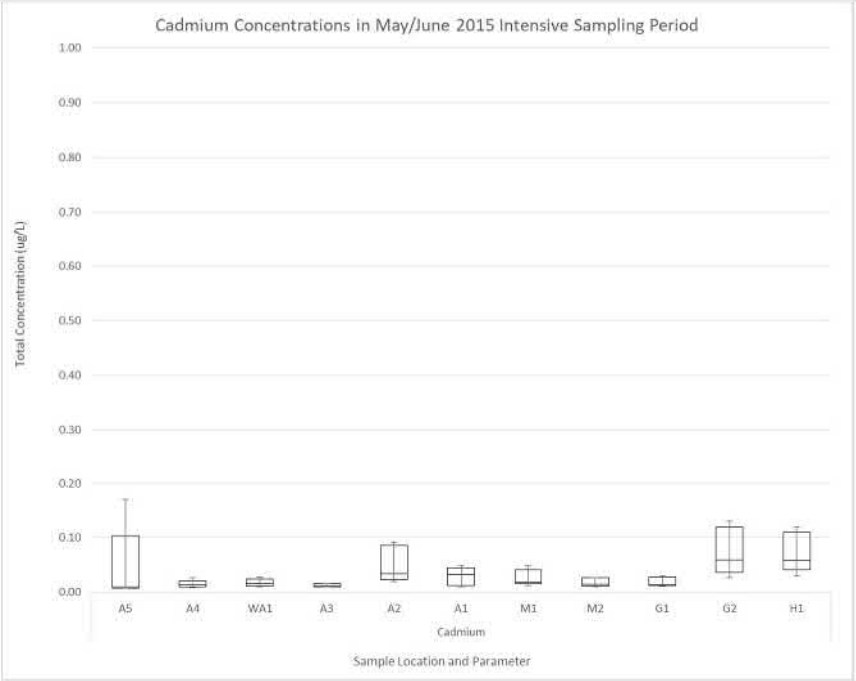

Aluminum Concentrations in May/June 2015 Intensive Sampling Period
Total Concentration (ug/L)
1400.00
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
CWQG, 100
A5
A4
WA1
A3
A2
A1
M1
M2
G1
G2
H1
Aluminium
Sample Location and Parameter

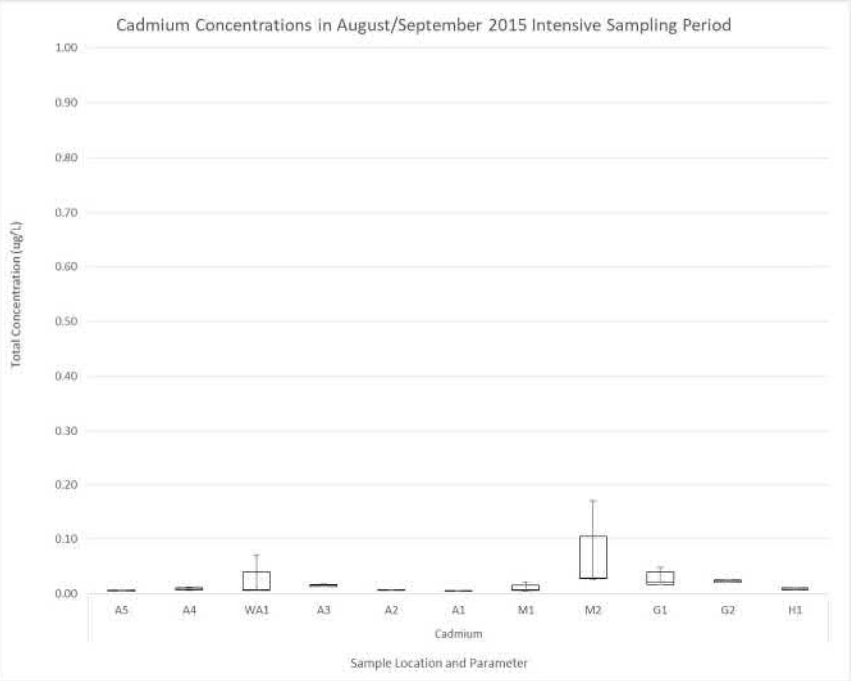

Aluminum Concentrations in August/September 2015 Intensive Sampling Period
Total Concentration (ug/L)
1400.00
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
CWQG, 100
A5
A4
WA1
A3
A2
A1
M1
M2
G1
G2
H1
Aluminium
Sample Location and Parameter

Appendix D: 5-in-30 Box Plots









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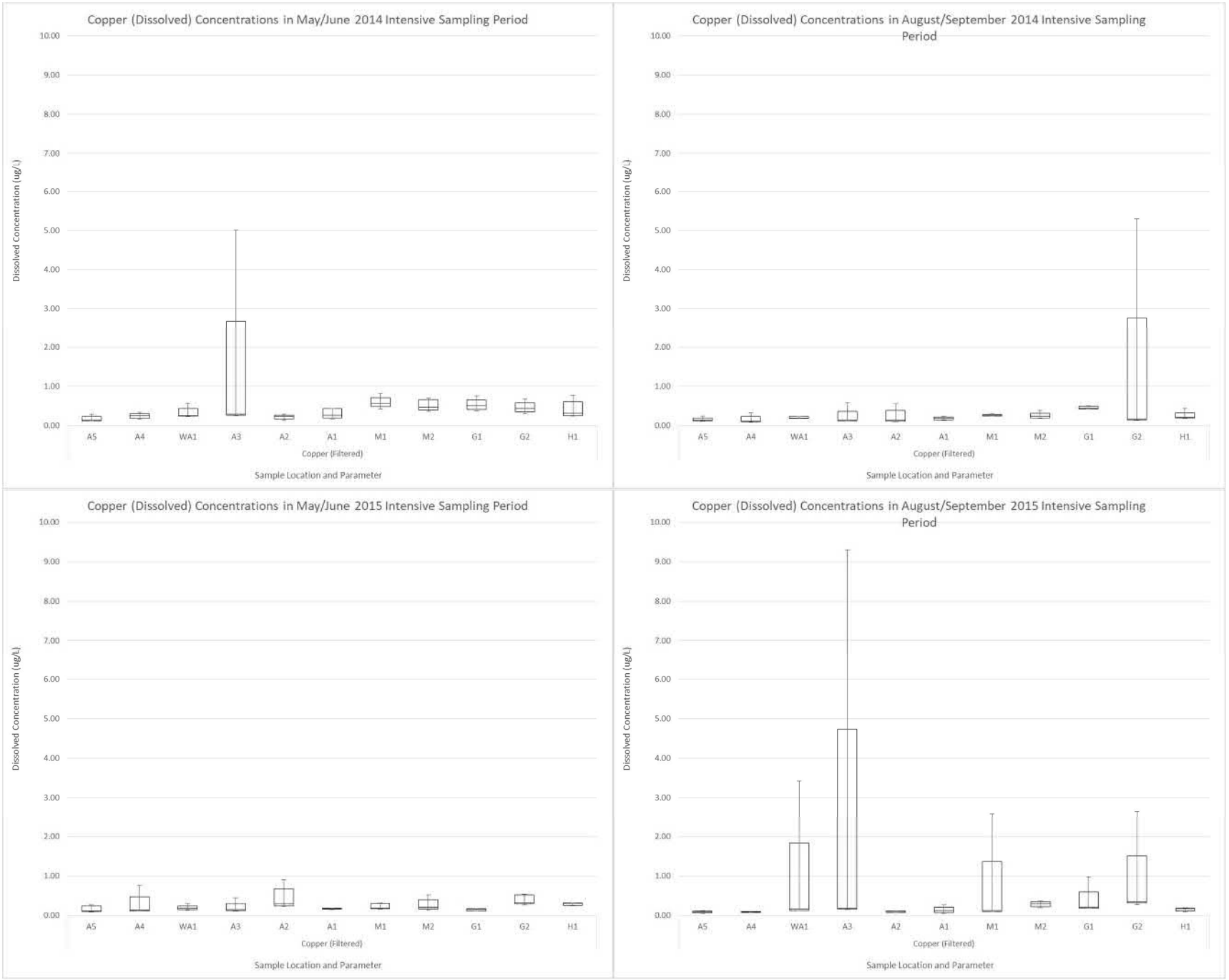
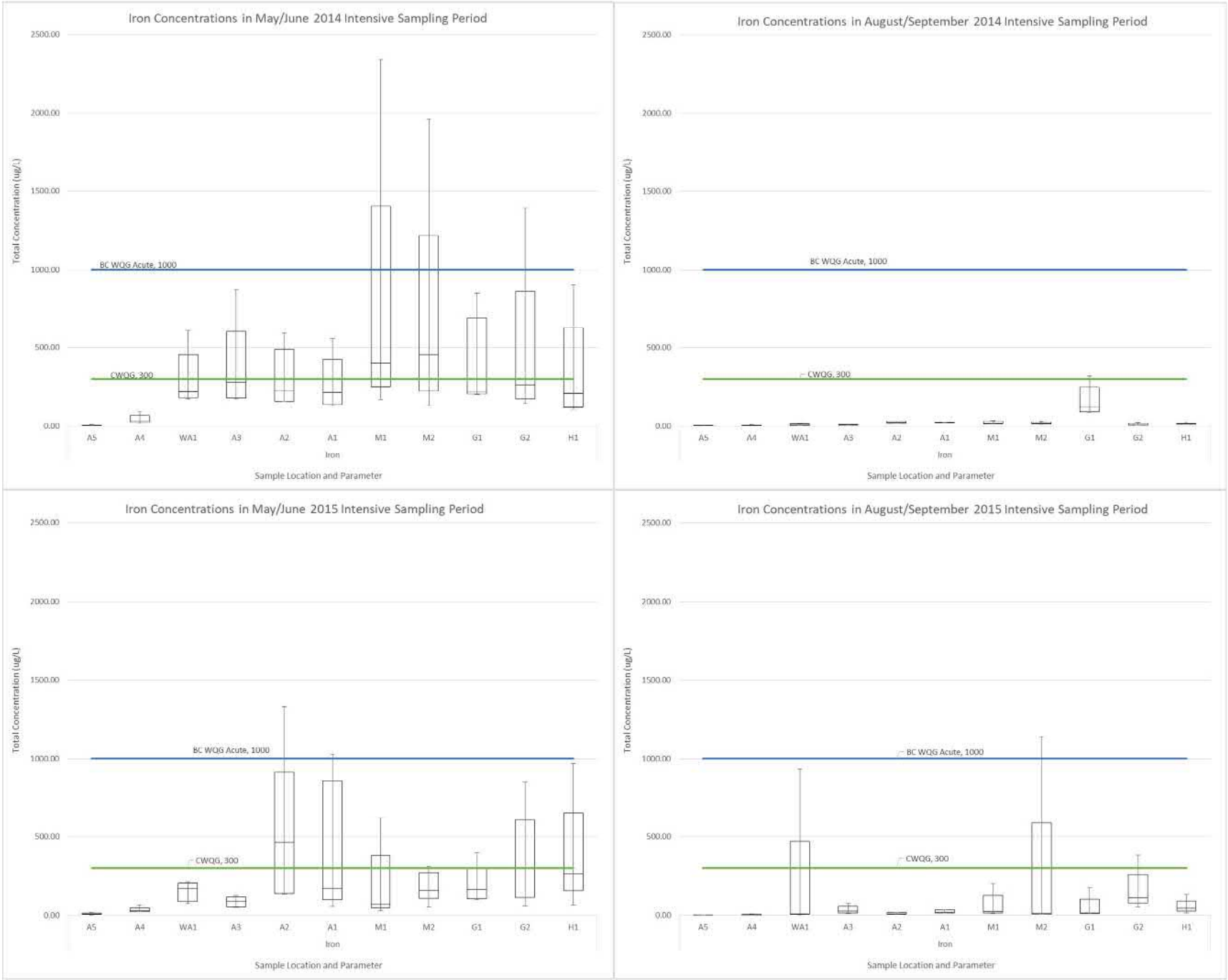
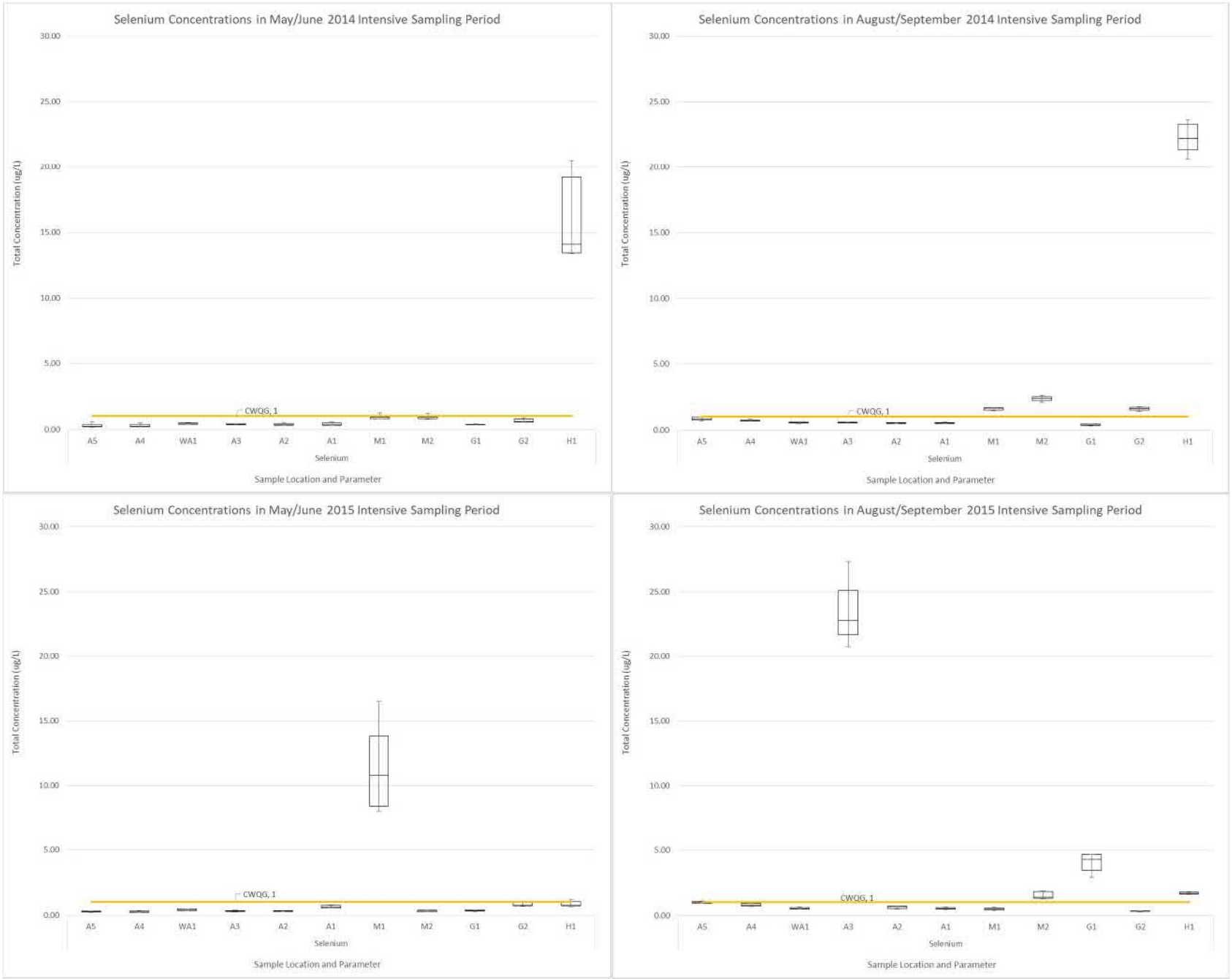
Appendix D: 5-in-30 Box Plots



DILLON CONSULTING


Iron Concentrations in May/June 2014 Intensive Sampling Period
Iron Concentrations in August/September 2014 Intensive Sampling Period
Iron Concentrations in May/June 2015 Intensive Sampling Period
Iron Concentrations in August/September 2015 Intensive Sampling Period
Total Concentration (ug/L)
2500.00
2000.00
1500.00
1000.00
500.00
0.00
BC WQG Acute, 1000
CWQG, 300
A5
A4
WA1
A3
A2
A1
M1
M2
G1
G2
H1
Iron
Sample Location and Parameter

Appendix D: 5-in-30 Box Plots



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Appendix E

Regional Analytical Data

Table E-1: Surface Water Quality Summary Statistics for Elk River Downstream of Sparwood (ECCC Monitoring Station BC08NK0004; February 3, 2009 to February 3, 2019)

Analyte	Unit	All Years Combined (February 3, 2009-2019)							
		Count	Minimum	Maximum	Median	Mean	Standard Deviation	Standard Error of the Mean	95% UCL
Total Hardness (Calcd.) $CaCO_3$	mg/L	214	141.0	309	233	228	34.2	2.3	232.3
pH	-	214	7.9	8.5	8.3	8.3	0.1	0.01	8.3
Temperature (Water)	°C	214	-0.5	18.0	6.9	6.6	4.8	0.3	7.3
Fluoride	mg/L	86	0.1	0.2	0.2	0.2	0.02	0	0.2
Sulphate	mg/L	86	34.9	108	76.5	74.3	17.7	1.9	78.0
Sulphur	mg/L	99	8.1	31.6	22.8	21.0	5.9	0.6	22.2
Ammonia	mg/L	85	0.0	0.0	0.01	0.01	0	0	0.01
Nitrate (as N)	mg/L	1	1.3	1.3	1.3	1.3	-	-	-
Nitrite and Nitrate (as N)	mg/L	86	1.2	2.9	2.0	2.04	0.4	0.05	2.1
Nitrite and Nitrate (as N)	mg/L	120	0.0	0.0	0	0	0	0	0
Nitrogen Nitrite	mg/L	86	0.0	0.0	0	0	0	0	0
Nitrogen	mg/L	194	0.7	3.1	1.8	1.8	0.6	0.04	1.9
Nitrogen (Dissolved)	mg/L	213	0.6	3.0	1.8	1.8	0.6	0.04	1.9
Nitrogen (Kjeldahl)	mg/L	7	0.1	0.3	0.24	0.2	0.1	0.04	0.3
Nitrogen (Organic)	mg/L	3	0.1	0.1	0.09	0.09	0.01	0.01	0.1
Phosphorus	mg/L	207	0.0	0.3	0.01	0.02	0.04	0	0.0
Aluminum	µg/L	208	0.5	1200	10.7	63.4	155.6	10.8	84.6
Antimony	µg/L	208	0.1	0.2	0.08	0.08	0.02	0	0.09
Arsenic	µg/L	208	0.1	1.1	0.18	0.2	0.1	0.01	0.2
Barium	µg/L	208	56.6	135	82.6	81.9	11.8	0.8	83.5

Analyte	Unit	All Years Combined (February 3, 2009-2019)							
		Count	Minimum	Maximum	Median	Mean	Standard Deviation	Standard Error of the Mean	95% UCL
Beryllium	µg/L	208	0.0	0.1	0	0.01	0.02	0	0.01
Bismuth	µg/L	208	0.0	0.0	0	0	0	0	0
Boron	µg/L	208	4.1	11.9	7.5	7.6	1.3	0.09	7.8
Cadmium	µg/L	208	0.0	0.4	0.02	0.03	0.05	0	0.04
Cerium	µg/L	208	0.0	4.4	0.03	0.2	0.5	0.03	0.3
Cesium	µg/L	208	0.0	0.2	0.01	0.02	0.03	0	0.02
Chromium	µg/L	208	0.1	2.1	0.3	0.3	0.3	0.02	0.4
Cobalt	µg/L	208	0.0	1.4	0.03	0.09	0.2	0.01	0.11
Copper	µg/L	207	0.1	3.3	0.2	0.3	0.5	0.03	0.4
Gallium	µg/L	208	0.0	0.3	0.01	0.02	0.04	0	0.03
Iron	µg/L	208	1.2	2080	21.6	116.5	286.9	19.9	155.5
Lanthanum	µg/L	208	0.0	2.3	0.02	0.1	0.3	0.02	0.1
Lead	µg/L	208	0.0	2.1	0.02	0.12	0.3	0.02	0.2
Lithium	µg/L	208	3.7	11.5	7.0	7.1	1.6	0.1	7.3
Manganese	µg/L	208	0.6	129	2.8	8.8	17.5	1.2	11.1
Molybdenum	µg/L	208	0.6	1.4	1.1	1.1	0.2	0.01	1.1
Nickel	µg/L	208	0.2	5.5	0.6	0.8	0.7	0.05	0.9
Niobium	µg/L	208	0.0	0.0	0	0	0	0	0
Platinum	µg/L	208	0.0	0.0	0	0	0	0	0
Rubidium	µg/L	208	0.1	2.3	0.4	0.5	0.3	0.02	0.5
Selenium	µg/L	208	3.2	15.9	9.5	9.0	2.8	0.2	9.4
Silver	µg/L	208	0.0	0.1	0	0	0.01	0	0

Analyte	Unit	All Years Combined (February 3, 2009-2019)							
		Count	Minimum	Maximum	Median	Mean	Standard Deviation	Standard Error of the Mean	95% UCL
Strontium	µg/L	208	120.0	245	207.5	199.8	28.9	2.0	203.7
Thallium	µg/L	208	0.0	0.1	0.01	0.01	0.01	0	0.01
Tin	µg/L	208	0.0	0.0	0.01	0.01	0	0	0.01
Titanium	µg/L	63	0.1	5.1	0.09	0.42	0.9	0.1	0.6
Tungsten	µg/L	206	0.0	0.1	0.01	0.01	0	0	0.01
Uranium	µg/L	208	0.7	1.5	1.1	1.1	0.2	0.01	1.1
Vanadium	µg/L	208	0.1	3.7	0.2	0.4	0.5	0.04	0.4
Yttrium	µg/L	208	0.0	4.5	0.04	0.2	0.5	0.03	0.3
Zinc	µg/L	208	0.3	16.9	0.7	1.5	2.4	0.2	1.8

BOLD = median or mean is higher than total mean and median of all sampling results from the Crown Mountain water sampling program.

Dashed line "-" indicates statistic could not be calculated.

Table E-2: Surface Water Quality Summary Statistics for Elk River at Hwy 93 near Elko – Upstream of Lake Koocanusa (ECCC Monitoring Station BC08NK0003; February 3, 2009 to February 3, 2019)

Analyte	Unit	All Years Combined (February 3, 2009-2019)						
		Count	Minimum	Maximum	Median	Mean	Standard Deviation	95% UCL
Conventional Parameters								
Total Alkalinity ($CaCO_3$)	mg/L	1	150	150	150	150	-	-
Total Hardness (Calcd.) $CaCO_3$	mg/L	211	113	269	188	183.6	31.8	187.9
pH	-	211	7.9	8.6	8.3	8.3	0.1	8.3
Temperature (Water)	°C	211	-0.7	17.5	7	7.0	5.2	7.7
Major Ions								
Fluoride	mg/L	82	0.1	0.2	0.2	0.2	0.02	0.2
Sulphate	mg/L	82	22.1	65.7	53.0	48.8	12.7	51.5
Sulphur	mg/L	99	5.3	23.2	14.1	13.8	4.1	14.6
Nutrients								
Ammonia	mg/L	82	0.01	0.04	0.01	0.01	0.01	0.01
Nitrate (as N)	mg/L	1	0.8	0.8	0.8	0.8	-	-
Nitrite and Nitrate (as N)	mg/L	82	0.6	1.7	1.2	1.2	0.3	1.2
Nitrite and Nitrate (as N)	mg/L	81	0.6	1.7	1.2	1.2	0.3	1.2
Nitrogen Nitrite	mg/L	203	0	0.01	0	0	0	0
Nitrogen	mg/L	193	0.4	1.8	1.1	1.1	0.3	1.1
Nitrogen (Dissolved)	mg/L	210	0.3	1.8	1.1	1.1	0.31	1.1
Nitrogen (Kjeldahl)	mg/L	7	0.1	0.3	0.2	0.2	0.07	0.2
Nitrogen (Organic)	mg/L	3	0.1	0.1	0.08	0.08	0.02	0.1
Phosphorus	mg/L	206	0	0.4	0.01	0.03	0.06	0.04

Analyte	Unit	All Years Combined (February 3, 2009-2019)						
		Count	Minimum	Maximum	Median	Mean	Standard Deviation	95% UCL
Total Metals								
Aluminum	µg/L	206	4	2,380	42	187	369	238
Antimony	µg/L	207	0.04	0.15	0.07	0.07	0.02	0.08
Arsenic	µg/L	207	0.2	1.4	0.3	0.3	0.2	0.4
Barium	µg/L	207	58.8	146	92.1	91.4	13.5	93.3
Beryllium	µg/L	207	0	0.2	0	0.02	0.03	0.02
Bismuth	µg/L	207	0	0.03	0	0	0	0
Boron	µg/L	207	3.7	11	6.8	6.8	1.3	7.0
Cadmium	µg/L	207	0.01	0.4	0.02	0.04	0.06	0.04
Cerium	µg/L	207	0.01	5.5	0.1	0.5	1.0	0.62
Cesium	µg/L	207	0	0.3	0.01	0.04	0.06	0.05
Chromium	µg/L	207	0.2	3.5	0.25	0.43	0.5	0.5
Cobalt	µg/L	206	0.01	2.02	0.05	0.17	0.3	0.22
Copper	µg/L	207	0.05	4.8	0.3	0.6	0.8	0.71
Gallium	µg/L	206	0	0.7	0.02	0.05	0.1	0.07
Iron	µg/L	206	11	3,810	76	319	621	404
Lanthanum	µg/L	207	0.01	2.68	0.05	0.24	0.47	0.3
Lead	µg/L	207	0.01	4.32	0.07	0.31	0.63	0.4
Lithium	µg/L	207	3.1	8.4	5.7	5.6	1.1	5.8
Manganese	µg/L	207	1.0	176	4.5	16.1	30.0	20.2
Molybdenum	µg/L	206	0.4	1.6	1.0	0.9	0.2	0.9
Nickel	µg/L	207	0.1	6.9	0.5	0.8	1.0	0.9
Niobium	µg/L	207	0	0.02	0	0	0	0
Platinum	µg/L	206	0	0	0	0	0	0

Analyte	Unit	All Years Combined (February 3, 2009-2019)						
		Count	Minimum	Maximum	Median	Mean	Standard Deviation	95% UCL
Rubidium	µg/L	207	0.3	3.8	0.4	0.6	0.5	0.7
Selenium	µg/L	206	1.8	8.5	5.1	5.1	1.5	5.3
Silver	µg/L	207	0	0.07	0	0.01	0.01	0.01
Strontium	µg/L	207	95	249	177	168	34	172
Thallium	µg/L	207	0	0.08	0.01	0.01	0.01	0.01
Tin	µg/L	206	0.01	0.01	0.01	0.01	0	0.01
Titanium	µg/L	60	0.05	10	0.2	1	1.8	1.5
Tungsten	µg/L	206	0	0.05	0.01	0.01	0	0.01
Uranium	µg/L	207	0.5	1.1	0.8	0.8	0.2	0.8
Vanadium	µg/L	207	0.1	5.4	0.2	0.5	0.8	0.6
Yttrium	µg/L	207	0.01	4.2	0.08	0	0.7	0
Zinc	µg/L	206	0.2	28	0.7	2	4	3

BOLD = median or mean is higher than total mean and median of all sampling results from the Crown water sampling program

Dashed line "-" indicates statistic could not be calculated.

Appendix F

Field Blank and Trip Blank Analytical Results

Lab Report Number				B240844	B252527	B262627	B265705	B276408	B283851	B297129	B2B4014	B2B4014	B306701	B314188	B322778	B331290	B341818	B351822	B361290	B376191	B388572	B389458
Field ID				F1	F1	TB2	F1	FB1	FB	FB	FB1	TB2	FB	FIELD BLANK	FIELD BLANK	FB1	FB1	FB1	FIELD BLANK	FB1	FB1	FB1
Sampled_Date/Time				5/14/2012 18:00	6/19/2012	6/18/2012	7/23/2012	8/25/2012	9/18/2012	10/25/2012				2/21/2013	3/20/2013	4/18/2013	5/24/2013	6/20/2013	7/17/2013	8/26/2013	9/26/2013	10/23/2013
Sample Type				Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B
Chem_Group	ChemName	Units	EQL																			
Calculated Parameters	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																			
	Alkalinity (Carbonate as CaCO3)	µg/l	500							<500												
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																			
	Alkalinity (total) as CaCO3	µg/l	500	**570**	**800**	**920**	**570**	**1340**	**820**	<500	**970**	**1380**	**840**	**730**	**930**	**630**	**900**	**860**	<500	<500	**580**	**510**
	Sulphur (as S)	µg/l	500	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Sulphur (as S) (Filtered)	µg/l	500	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<3000		<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Hardness as CaCO3	µg/l	500																			
	Hardness as CaCO3 (Filtered)	µg/l	500	<500	**610**	<500	<500	<500	<500		<500		<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
General Chemistry	Bicarbonate	µg/l	500	**700**	**980**	**1120**	**700**	**1640**	**1000**	<500	**1180**	**1680**	**1030**	**890**	**1140**	**770**	**1100**	**1050**	<500	<500	**710**	**620**
	Carbonate	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Hydroxide	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	phenolphthalein alkalinity	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Ammonia	µg/l	5	**18**	**5.1**	<5	**200**	<5	**8.6**	<5	<5	<5	**8**	**5.7**	<5	**5.5**	**6.7**	**13**	**7.8**	**9**	**9.8**	**5.5**
	Ammonia (as N)	µg/l	5																			
	Kjeldahl Nitrogen Total	µg/l	50																			
	Nitrate (as N)	µg/l	5	<20	<20	<20	<20	<20	<20		<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrate (as N) (Filtered)	µg/l	10																			
	Nitrate (as NO3-)	µg/l	20							<20												
	Nitrate (as NO3-) (Filtered)	µg/l	44																			
	Nitrate + Nitrite (as N)	µg/l	5.1	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrite (as N)	µg/l	1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Nitrite (as N) (Filtered)	µg/l	10																			
	Nitrite (as NO2-) (Filtered)	µg/l	33																			
	Nitrogen (N)	µg/l	20							<20												
	Phosphorus	µg/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Phosphorus (Filtered)	µg/l	2																			
	Ortho Phosphorus (as P)	µg/l	3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																			
	Electrical conductivity (lab)	µS/cm	1	**1.1**	**1.3**	**1.2**	**1.1**	**1.4**	**1.1**	**1.3**	<1	**1.1**	**1.1**	**1.3**	**1.3**	**2**	**1.1**	**1**	**1.5**	**1.2**	**1.4**	**1.3**
	Chloride	µg/l	500																			
	Chloride (Filtered)	µg/l	500	<500	<500	<500	<500	<500	**660**	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Fluoride	µg/l	10	<10	<10	<10	<10	<10	<10	<10	**18**	**18**	**13**	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Bromide	µg/l	3	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Bromide (Filtered)	µg/l	10																			
	Dissolved Organic Carbon (Filtered)	µg/l	500															<500		<500	<500	<500
	Total Organic Carbon (TOC)	µg/l	500															<500	<500	<500	<500	<500
	pH (Lab)	pH Unit	0.1	**5.95**	**6.01**	**5.85**	**5.56**	**6.38**	**5.61**	**6.54**	**5.84**	**6.18**	**5.55**	**5.63**	**5.61**	**5.98**	**6.02**	**5.86**	**5.31**	**4.84**	**6.46**	**5.86**
	Sulphate (SO4)	µg/l	300																			
	Sulphate (SO4) (Filtered)	µg/l	500	<500	<500	<500	**1440**	<500	<500	<500	<500	<500	**540**	<500	<500	**550**	**710**	<500	**570**	**740**	<500	<500
	Hardness	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Dissolved Hardness (Filtered)	µg/l	500							<500												
	Total Suspended Solids (TSS)	µg/l	1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2000	<1000
	Turbidity	NTU	0.1	**0.21**	**0.15**	<0.1	<0.1	<0.1	**0.12**	<0.1	<0.1	<0.1	<0.1	<0.1	**0.15**	<0.1	**0.1**	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Sulfur (Filtered)	µg/L	3000																			
	Aluminium	µg/L	0.2	**0.55**	**1.34**	**0.43**	**2.34**	**0.34**	**0.49**	**0.37**	**0.26**	**1.62**	**0.37**	**0.67**	**0.5**	**0.34**	**0.6**	**0.72**	**0.93**	**4.78**	<0.5	<0.5
	Aluminium (Filtered)	µg/l	0.2	**0.56**	**0.97**	**0.29**	**1.45**	**0.56**	**0.44**	**0.88**	**0.37**		**0.62**	**0.38**	**0.67**	**0.24**	<0.5	**0.82**	**0.9**	**2.78**	**0.5**	**0.73**
	Antimony	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Antimony (Filtered)	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic (Filtered)	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	**0.033**	<0.02	<0.02	<0.02	<0.02	<0.02
	Barium	µg/L	0.02	<0.02	**0.022**	<0.02	**0.131**	**0.024**	<0.02	<0.02	**0.021**	**0.033**	<0.02	<0.02	<0.02	<0.02	**0.038**	<0.02	<0.02	**0.154**	<0.02	<0.02
	Barium (Filtered)	µg/L	0.02	**0.043**	**0.024**	<0.02	**0.036**	**0.032**	<0.02	**0.04**	**0.032**		<0.02	<0.02	**0.04**	<0.02	**0.023**	**0.152**	**0.024**	**0.023**	<0.02	**0.031**
	Beryllium	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Beryllium (Filtered)	µg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Bismuth	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	**0.01**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Boron	µg/L	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Boron (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Cadmium	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cadmium (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	**0.008**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Calcium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Calcium (Filtered)	µg/l	10	<50	**243**	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Cesium	µg/l	0.01																			
	Cesium (Filtered)	µg/l	0.01																			
	Chromium Total (III+VI)	µg/l	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Cobalt	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.005**	<0.005	<0.005
	Cobalt (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Copper	µg/L	0.05	<0.05	**0.102**	**0.069**	<0.05	**0.201**	<0.05	<0.05	**0.088**	<0.05	<0.05	<0.05	**0.078**	<0.05	**0.156**	<0.05	**0.115**	**0.075**	**0.098**	<0.05
	Copper (Filtered)	µg/L	0.05	<0.05	**0.091**	<0.05	<0.05	**0.066**	**0.32**	<0.05	**0.08**		<0.05	<0.05	**0.123**	<0.05	**0.185**	**0.054**	**0.158**	<0.05	**0.106**	**0.081**
	Iron	µg/L	1	<1	**1.5**	<1	**1**	**1.8**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**1**	**9.1**	<1	<1
	Iron (Filtered)	µg/L	1	**1.3**	<1	<1	<1	<1	<1	<1	<1		**1.1**	<1	<1	<1	<1	<1	<1	**2.7**	**2.9**	
	Lead	µg/l	0.005	**0.005**	<0.005	<0.005	**0.016**	**0.007**	<0.005	**0.01**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.008**	<0.005	**0.01**	**0.005**	<0.005	<0.005
	Lead (Filtered)	µg/L	0.005	**0.007**	**0.0063**	<0.005	**0.03**	<0.005	<0.005	**0.009**	<0.005		**0.006**	<0.005	**0.009**	<0.005	<0.005	**0.005**	**0.017**	<0.005	**0.009**	**0.007**
	Lithium	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Lithium (Filtered)	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DILLON CONSULTING

				Lab Report Number	B240844	B252527	B262627	B265705	B276408	B283851	B297129	B2B4014	B2B4014	B306701	B314188	B322778	B331290	B341818	B351822	B361290	B376191	B388572	B389458
				Field ID	F1	F1	TB2	F1	FB1	FB	FB	FB1	TB2	FB	FIELD BLANK	FIELD BLANK	FB1	FB1	FB1	FIELD BLANK	FB1	FB1	FB1
				Sampled_Date/Time	5/14/2012 18:00	6/19/2012	6/18/2012	7/23/2012	8/25/2012	9/18/2012	10/25/2012				2/21/2013	3/20/2013	4/18/2013	5/24/2013	6/20/2013	7/17/2013	8/28/2013	9/26/2013	10/23/2013
				Sample Type	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B
Metals	Magnesium	µg/l	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Magnesium (Filtered)	µg/l	5	<50	<50	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Manganese	µg/L	0.05	**0.068**	<0.05	**0.099**	**0.059**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.397**	**0.063**	<0.05
	Manganese (Filtered)	µg/L	0.05	**0.083**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.055**			<0.05	<0.05	**0.071**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mercury	µg/L	0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Mercury (Filtered)	µg/L	0.002	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.0032**
	Molybdenum	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Molybdenum (Filtered)	µg/L	0.05	**0.052**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Nickel	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.122**	<0.02	<0.02	**0.025**	<0.02	<0.02
	Nickel (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	**0.042**	**0.02**	<0.02				**0.052**	<0.02	**0.037**	**0.027**	**0.036**	<0.02	**0.077**	<0.02	**0.079**	**0.028**
	Potassium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Potassium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Rubidium	µg/l	0.2																				
	Rubidium (Filtered)	µg/l	0.2																				
	Selenium	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	**0.043**	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Selenium (Filtered)	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04			<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Silicon	µg/L	50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Silicon (Filtered)	µg/L	50	<100	<100	<100	<100	<100	<100	<100	<100			<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Silver	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Silver (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Sodium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Sodium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Strontium	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Strontium (Filtered)	µg/L	0.05	<0.05	**0.08**	<0.05	<0.05	<0.05	**0.075**	<0.05	**0.09**			**0.075**	<0.05	<0.05	<0.05	<0.05	**0.133**	<0.05	<0.05	<0.05	<0.05
	Tellurium	µg/l	0.2																				
	Tellurium (Filtered)	µg/l	0.2																				
	Thallium	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.004**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thallium (Filtered)	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thorium	µg/l	0.1																				
	Thorium (Filtered)	µg/l	0.1																				
	Tin	µg/l	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.21**	<0.2	<0.2	<0.2	<0.2	**0.27**	**0.24**	<0.2	<0.2	<0.2	<0.2	<0.2
	Tin (Filtered)	µg/l	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<0.2	**0.27**	<0.2	<0.2	<0.2	<0.2	<0.2
	Titanium	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Titanium (Filtered)	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Tungsten	µg/l	0.1																				
	Tungsten (Filtered)	µg/l	0.1																				
	Uranium	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	**0.003**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.003**	<0.002	<0.002	<0.002	<0.002	<0.002
	Uranium (Filtered)	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	**0.003**	<0.002	**0.002**	**0.002**			<0.002	<0.002	<0.002	<0.002	**0.004**	<0.002	<0.002	<0.002	<0.002	**0.003**
	Vanadium	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	**0.23**	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<0.2	**0.43**	**0.21**	<0.2	<0.2	<0.2	<0.2
	Zinc	µg/L	0.1	**0.13**	**0.22**	<0.1	**0.13**	<0.1	<0.1	**0.12**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.18**	**0.18**	**0.15**	**0.18**	<0.1	<0.1	<0.1
	Zinc (Filtered)	µg/l	0.1	**0.64**	**1.57**	<0.1	**0.17**	<0.1	<0.1	**0.25**	**0.18**			<0.1	<0.1	**0.68**	**0.18**	<0.1	**0.61**	**0.28**	**0.36**	**0.38**	**0.12**
	Zirconium	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Zirconium (Filtered)	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Physical Properties	Filter and Preserve	-		**999**	**999**	**999**	**999**	**999**	**999**	**999**	**999**			**999**	**999**	**999**	**999**	**999**	**999**	**999**	**999**	**999**	**999**
Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylnaphthalene	µg/L	0.05																				
	2-Methylnaphthalene	µg/L	0.02																				
	Acenaphthene	µg/L	0.01																				
	Acenaphthylene	µg/L	0.01																				
	Acridine	µg/L	0.01																				
	Anthracene	µg/l	0.01																				
	Benzo(a)anthracene	µg/L	0.01																				
	Benzo(a) pyrene	µg/l	0.005																				
	Benzo(b+j)fluoranthene	µg/l	0.01																				
	Benzo(b & k)fluoranthene	µg/l	0.015																				
	Benzo(g,h,i)perylene	µg/L	0.01																				
	Benzo(k)fluoranthene	µg/l	0.01																				
	Chrysene	µg/L	0.01																				
	Dibenz(a,h)anthracene	µg/l	0.003																				
	Fluoranthene	µg/L	0.01																				
	Fluorene	µg/l	0.01																				
	Indeno(1,2,3-c,d)pyrene	µg/L	0.01																				
	Naphthalene	µg/L	0.02																				
	Phenanthrene	µg/L	0.02																				
	Pyrene	µg/L	0.01																				
	Quinoline	µg/l	0.02																				
	Light Molecular Weight (PAH Sum)	µg/L	0.1																				
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05																				
	PAHs (Sum of total)	µg/L	0.1																				

DILLON CONSULTING

Lab Report Number			B3A8725	B3B8312	B407313	B416171	B424928	B432962	B439804	B442060	B444272	B446972	B449500	B474408	B476541	B479164	B481292	B483962	B499587	B4A9093	B4B5325	B506986
Field ID			FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1
Sampled_Date/Time			11/21/2013	12/23/2013	1/28/2014	2/27/2014	3/28/2014	4/25/2014	5/16/2014	5/23/2014	5/30/2014	6/6/2014	6/13/2014	8/22/2014		9/5/2014	9/11/2014		10/30/2014	11/28/2014	12/18/2014	1/23/2015
Sample Type			Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B
Chem_Group	ChemName	Units	EQL																			
Calculated Parameters	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																			
	Alkalinity (Carbonate as CaCO3)	µg/l	500																			
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																			
	Alkalinity (total) as CaCO3	µg/l	500	**940**	**510**	<500	**580**	**930**	**680**	<500	<500	**1040**	<500	**610**	**890**	**920**	**640**	**790**	<500	**710**	<500	**670**	<500
	Sulphur (as S)	µg/l	500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Sulphur (as S) (Filtered)	µg/l	500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Hardness as CaCO3	µg/l	500																				
	Hardness as CaCO3 (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
General Chemistry	Bicarbonate	µg/l	500	**1150**	**620**	<500	**710**	**1140**	**830**	<500	<500	**1270**	<500	**740**	**1090**	**1120**	**780**	**960**	<500	**870**	<500	**820**	<500
	Carbonate	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Hydroxide	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	phenolphthalein alkalinity	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Ammonia	µg/l	5	**14**	**8.3**	**8.8**	<5	**12**	<5	<5	**11**	**9.7**	**13**	**18**	**10**	**8**	**11**	**14**	**8.8**	**5**	<5	<5	<5
	Ammonia (as N)	µg/l	5																				
	Kjeldahl Nitrogen Total	µg/l	50																				
	Nitrate (as N)	µg/l	5	<20	<20	<20	<20	<20	<20	<20	<20	<20		<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrate (as N) (Filtered)	µg/l	10																				
	Nitrate (as NO3-)	µg/l	20																				
	Nitrate (as NO3-) (Filtered)	µg/l	44																				
	Nitrate + Nitrite (as N)	µg/l	5.1	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrite (as N)	µg/l	1	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Nitrite (as N) (Filtered)	µg/l	10																				
	Nitrite (as NO2-) (Filtered)	µg/l	33																				
	Nitrogen (N)	µg/l	20																				
	Phosphorus	µg/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Phosphorus (Filtered)	µg/l	2																				
	Ortho Phosphorus (as P)	µg/l	3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																				
	Electrical conductivity (lab)	µS/cm	1	**1.6**	**1.2**	**1.3**	**1.2**	**1**	**1.5**	**1.2**	**1.1**	**1.2**	**1.3**	**1.2**	<1	**1.1**	**1**	**1.3**	**1**	**1.1**	**1.4**	**1.2**	**1.3**
	Chloride	µg/l	500																				
	Chloride (Filtered)	µg/l	500	<500	**500**	<500	<500	<500	<500	<500	<500	<500	<500	<500	**500**	<500	**750**	<500	<500	<500	<500	<500	<500
	Fluoride	µg/l	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Bromide	µg/l	3	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Bromide (Filtered)	µg/l	10																				
	Dissolved Organic Carbon (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	**970**	<500	<500	**700**	**670**	**860**	**690**	**670**	<500	<500	**560**	<500
	Total Organic Carbon (TOC)	µg/l	500	<500	<500	<500	<500	**870**	**570**	<500	<500	<500	<500	**1020**	**960**	<500	<500	<500	<500	<500	**1560**	<500	<500
	pH (Lab)	pH Unit	0.1	**5.98**	**5.95**	**5.75**	**5.99**	**6.06**	**6.32**	**5.72**	**5.54**	**6.11**	**6.22**	**5.91**	**5.99**	**5.83**	**5.59**	**5.9**	**5.87**	**5.87**	**6.14**	**5.76**	**5.22**
	Sulphate (SO4)	µg/l	300																				
	Sulphate (SO4) (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	**560**	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Hardness	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Dissolved Hardness (Filtered)	µg/l	500																				
	Total Suspended Solids (TSS)	µg/l	1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
	Turbidity	NTU	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.11**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Sulfur (Filtered)	ug/L	3000																				
	Aluminium	µg/L	0.2	**10.3**	**1.08**	<0.5	<0.5	<0.5	<0.5	**2.02**	**1.7**	**1.09**	**1.05**	**2.53**	**1.03**	**2.21**	**0.62**	**2.35**	**1.69**	**0.98**	**1.73**	**0.82**	**0.82**
	Aluminium (Filtered)	µg/l	0.2	<0.5	**1.06**	<0.5	<0.5	<0.5	<0.5	**5.1**	**2.77**	**0.91**	**0.86**	**1.5**	**0.59**	**2.3**	**0.64**	**1.35**	**1.17**	**1.35**	**0.91**	**1.25**	**0.81**
	Antimony	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Antimony (Filtered)	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic (Filtered)	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Barium	µg/L	0.02	**0.034**	<0.02	<0.02	<0.02	<0.02	**0.043**	<0.02	<0.02	<0.02	**0.096**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.022**	<0.02
	Barium (Filtered)	µg/L	0.02	**0.026**	**0.061**	<0.02	<0.02	<0.02	**0.027**	**0.037**	<0.02	<0.02	<0.02	**0.048**	<0.02	<0.02	**0.055**	<0.02	<0.02	<0.02	<0.02	**0.043**	<0.02
	Beryllium	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Beryllium (Filtered)	µg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.012**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Bismuth	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Boron	µg/L	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<20	<20	<20	<20	<20	<10	<10	<10	<10
	Boron (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<20	<20	<20	<20	<20	<10	<10	<10	<10
	Cadmium	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cadmium (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Calcium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Calcium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Cesium	µg/l	0.01																				
	Cesium (Filtered)	µg/l	0.01																				
	Chromium Total (III+VI)	µg/l	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.3**	<0.1	<0.1	<0.1
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Cobalt	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.016**	<0.005	<0.005	<0.005
	Cobalt (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Copper	µg/L	0.05	<0.05	<0.05	**0.067**	<0.05	<0.05	<0.05	**0.062**	**0.137**	**0.05**	<0.05	**0.083**	<0.05	**0.145**	**0.076**	<0.05	**0.074**	**0.33**	**0.161**	**0.059**	**0.06**
	Copper (Filtered)	µg/L	0.05	**0.089**	<0.05	<0.05	**0.135**	<0.05	**0.058**	**0.121**	**0.139**	<0.05	<0.05	**0.065**	**0.052**	**0.059**	**0.05**	**0.078**	**0.059**	**0.098**	**0.169**	**0.079**	**0.07**
	Iron	µg/L	1	<1	<1	<1	<1	<1	<1	**1.6**	<1	<1	<1	**4.4**	<1	<1	<1	<1	**9.7**	**450**	**13.1**	<1	<1
	Iron (Filtered)	µg/L	1	<1	<1	<1	<1	<1	**1.2**	**2.2**	<1	<1	<1	**2.3**	<1	<1	<1	**1.3**	**4.4**	<1	<1	<1	<1
	Lead	µg/l	0.005	**0.012**	**0.013**	<0.005	<0.005	<0.005	**0.007**	<0.005	<0.005	<0.005	**0.005**	**0.006**	<0.005	<0.005	**0.008**	<0.005	**0.018**	**0.014**	**0.006**	<0.005	<0.005
	Lead (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.008**	**0.005**	<0.005	<0.005	**0.006**	<0.005	<0.005	**0.006**	<0.005	<0.005	**0.026**	**0.0087**	<0.005	**0.007**
	Lithium	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Lithium (Filtered)	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DILLON CONSULTING

				Lab Report Number	B3A8725	B3B8312	B407313	B416171	B424928	B432962	B439804	B442060	B444272	B446972	B449500	B474408	B476541	B479164	B481292	B483962	B499587	B4A9093	B4B5325	B506986
				Field ID	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1
				Sampled_Date/Time	11/21/2013	12/23/2013	1/28/2014	2/27/2014	3/28/2014	4/25/2014	5/16/2014	5/23/2014	5/30/2014	6/6/2014	6/13/2014	8/22/2014		9/5/2014	9/11/2014		10/30/2014	11/28/2014	12/18/2014	1/23/2015
				Sample Type	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B
Metals	Magnesium	µg/L	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Magnesium (Filtered)	µg/L	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Manganese	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	**0.065**	<0.05	**0.086**	<0.05	<0.05	<0.05	**0.165**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**3.79**	<0.05	<0.05	<0.05
	Manganese (Filtered)	µg/L	0.05	**0.064**	<0.05	<0.05	<0.05	<0.05	**0.057**	<0.05	<0.05	<0.05	<0.05	**0.063**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.059**	<0.05	<0.05	<0.05
	Mercury	µg/L	0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.0076**	**0.0028**	**0.0027**	<0.002	<0.002	<0.002	<0.002	**0.0033**
	Mercury (Filtered)	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.0025**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.0021**	**0.0058**	<0.002	**0.0052**	<0.002	<0.002	<0.002	<0.002	<0.002
	Molybdenum	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Molybdenum (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.092**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Nickel	µg/L	0.02	**0.022**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.036**	<0.02	<0.02	**0.037**	**0.082**	**0.038**	<0.02	<0.02	<0.02	**0.107**	<0.02	**0.035**	<0.02
	Nickel (Filtered)	µg/L	0.02	**0.024**	**0.021**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.033**	<0.02	<0.02	<0.02	<0.02	**0.07**	<0.02	<0.02	**0.027**	<0.02	**0.03**	<0.02
	Potassium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Potassium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Rubidium	µg/l	0.2																					
	Rubidium (Filtered)	µg/l	0.2																					
	Selenium	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Selenium (Filtered)	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Silicon	µg/L	50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<50	<50	<50	<50
	Silicon (Filtered)	µg/L	50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<50	<50	<50	<50
	Silver	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.01**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Silver (Filtered)	µg/l	0.005	<0.005	**0.005**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Sodium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Sodium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Strontium	µg/L	0.05	**0.141**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Strontium (Filtered)	µg/L	0.05	**0.192**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.085**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Tellurium	µg/L	0.2																					
	Tellurium (Filtered)	µg/l	0.2																					
	Thallium	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thallium (Filtered)	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thorium	µg/l	0.1																					
	Thorium (Filtered)	µg/l	0.1																					
	Tin	µg/L	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.38**	<0.2	<0.2	<0.2	<0.2
	Tin (Filtered)	µg/L	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.24**	<0.2	<0.2
	Titanium	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Titanium (Filtered)	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Tungsten	µg/l	0.1																					
	Tungsten (Filtered)	µg/l	0.1																					
	Uranium	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Uranium (Filtered)	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Vanadium	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Zinc	µg/L	0.1	**0.83**	**0.16**	<0.1	**0.23**	**0.16**	<0.1	**0.19**	**0.41**	**0.35**	<0.1	**0.66**	**0.12**	**0.18**	<0.1	<0.1	**0.35**	**0.22**	<0.1	<0.1	<0.1	<0.1
	Zinc (Filtered)	µg/l	0.1	<0.1	<0.1	<0.1	**0.12**	**0.13**	<0.1	<0.1	<0.1	<0.1	<0.1	**0.34**	<0.1	<0.1	<0.1	**0.11**	<0.1	**0.62**	**0.3**	**0.14**	<0.1	<0.1
	Zirconium	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Zirconium (Filtered)	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Physical Properties	Filter and Preserve	-		999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylnaphthalene	µg/L	0.05																					
	2-Methylnaphthalene	µg/L	0.02				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Acenaphthene	µg/L	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Acenaphthylene	µg/L	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Acridine	µg/L	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Anthracene	µg/l	0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo(a)anthracene	µg/L	0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo(a) pyrene	µg/l	0.005				<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
	Benzo(b+j)fluoranthene	µg/l	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Benzo(b & k)fluoranthene	µg/l	0.015																					
	Benzo(g,h,i)perylene	µg/L	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Benzo(k)fluoranthene	µg/l	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Chrysene	µg/L	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dibenz(a,h)anthracene	µg/l	0.003				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Fluoranthene	µg/L	0.01				<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Fluorene	µg/l	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Indeno(1,2,3-c,d)pyrene	µg/L	0.01				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Naphthalene	µg/L	0.02				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Phenanthrene	µg/L	0.02				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Pyrene	µg/L	0.01				<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Quinoline	µg/l	0.02				<0.5	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	Light Molecular Weight (PAH Sum)	µg/L	0.1				<0.5	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	PAHs (Sum of total)	µg/L	0.1				<0.5	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24

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			Lab Report Number	B533584	B540528	B542667	B545872	B545872	B547761	B549906	B563471	B572515	B575103	B577658	B579537	B582068	B637198	L2133651	L2195291	L2240836	L2295044	B240844	B240844
			Field ID	FB1	FB1	FB1	FB1	TB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB	FB	FB	FB	TRIP BLANK 1	TRIP BLANK 2
			Sampled_Date/Time	4/24/2015	5/14/2015	5/21/2015	5/29/2015	5/29/2015	6/4/2015	6/12/2015	7/23/2015	8/20/2015	8/27/2015	9/3/2015	9/10/2015	9/17/2015	5/13/2016	7/20/2018	11/9/2018	3/5/2019	8/18/2019	5/17/2012	5/17/2012
			Sample Type	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Trip_B	Trip_B
Chem_Group	ChemName	Units	EQL																				
Calculated Parameters	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000														<1000	<1000	<1000	<1000		
	Alkalinity (Carbonate as CaCO3)	µg/l	500														<1000	<1000	<1000	<1000		
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000														<1000	<1000	<1000	<1000		
	Alkalinity (total) as CaCO3	µg/l	500	**870**	**720**	<500	**1000**	<500	**970**	<500	**860**	<500	**920**	**1070**	**960**	<500	**650**	<1000	<1000	<1000	<1000	<500	<500
	Sulphur (as S)	µg/l	500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<500	<500	<500	<500	<10000	<10000
	Sulphur (as S) (Filtered)	µg/l	500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<500	<500	<500	<500	<10000	<10000
	Hardness as CaCO3	µg/l	500														<500	<500	<500	<500		
	Hardness as CaCO3 (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500					<500	<500
General Chemistry	Bicarbonate	µg/l	500	**1060**	**880**	<500	**1220**	<500	**1180**	<500	**1050**	<500	**1120**	**1310**	**1170**	<500	**790**						
	Carbonate	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500						
	Hydroxide	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500						
	phenolphthalein alkalinity	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500					<500	<500
	Ammonia	µg/l	5	<5	**11**	**6.6**	<5	**6.7**	<5	**15**	**9.7**	**8.3**	<5	<5	**9.9**	**13**	<5					<5	<5
	Ammonia (as N)	µg/l	5															<5	<5	**8**	<5		
	Kjeldahl Nitrogen Total	µg/l	50															<50	<50	<50	<50		
	Nitrate (as N)	µg/l	5	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<5	<5	<5	<5	<20	<20
	Nitrate (as N) (Filtered)	µg/l	10																				
	Nitrate (as NO3-)	µg/l	20																				
	Nitrate (as NO3-) (Filtered)	µg/l	44																				
	Nitrate + Nitrite (as N)	µg/l	5.1	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<5.1	**<5.1**	<5.1	**<5.1**	<20	<20
	Nitrite (as N)	µg/l	1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<1**	<1	**<1**	<1	<5	<5
	Nitrite (as N) (Filtered)	µg/l	10																				
	Nitrite (as NO2-) (Filtered)	µg/l	33																				
	Nitrogen (N)	µg/l	20																				
	Phosphorus	µg/l	2	<5	<2	<5	<5	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<50	<50	<5	<5
	Phosphorus (Filtered)	µg/l	2															<50	<50	<50	<50		
	Ortho Phosphorus (as P)	µg/l	3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5					<5	<5
	Ortho Phosphorus (as P) (Filtered)	µg/l	1															**<1**	<1	**<1**	<1		
	Electrical conductivity (lab)	µS/cm	1	**1.2**	**1.2**	**1.4**	**1.7**	**1.2**	**1.1**	**1.3**	**1.1**	**1.8**	**1.5**	**1.1**	**1.2**	**1.3**	**1**	<2	<2	<2	<2	**1.4**	**2**
	Chloride	µg/l	500															<500	<500	<500	<500		
	Chloride (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	**550**	<500					<500	<500
	Fluoride	µg/l	10	<10	**16**	<10	**14**	<10	<10	<10	<10	<10	<10	<10	<10	<10	**12**	<20	<20	<20	<20	<10	<10
	Bromide	µg/l	3	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<50	<50	<50	<50	<10	<10
	Bromide (Filtered)	µg/l	10																				
	Dissolved Organic Carbon (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	**870**	<500	<500	<500	<500	<500	**590**	<500	<500	<500	<500		
	Total Organic Carbon (TOC)	µg/l	500	<500	**590**	**550**	<500	<500	**770**	<500	<500	<500	<500	<500	<500	<500	**540**	<500	<500	<500	<500		
	pH (Lab)	pH Unit	0.1	**6.08**	**5.97**	**6.2**	**5.79**	**6.15**	**5.92**	**6.17**	**6.15**	**5.67**	**6.29**	**5.78**	**6.11**		**5.76**	**5.61**	**5.39**	**5.51**	**5.49**	**6.03**	**6.86**
	Sulphate (SO4)	µg/l	300															<300	<300	<300	<300		
	Sulphate (SO4) (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	**880**	**600**	<500	<500	<500	**680**	<500					<500	<500
	Hardness	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500					<500	<500
	Dissolved Hardness (Filtered)	µg/l	500																				
	Total Suspended Solids (TSS)	µg/l	1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<3000	<3000	<3000	<3000	<1000	<1000
	Turbidity	NTU	0.1	**0.17**	**0.16**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Sulfur (Filtered)	ug/L	3000																				
	Aluminium	µg/L	0.2	**2.34**	**1.23**	**5.49**	<0.5	<0.5	**8.45**	<0.5	**0.67**	**0.6**	**0.74**	**1.69**	**2.14**	**0.55**	<0.5	<3	<3	<3	<3	**0.39**	**0.46**
	Aluminium (Filtered)	µg/l	0.2	<0.5	<0.5	**0.56**	<0.5	<0.5	<0.5	**0.6**	**2.7**	<0.5	**4.89**	**0.77**	**2.65**	**0.71**	**0.61**	<1	<1	**1.7**	<1	**0.32**	**0.31**
	Antimony	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1	<0.1	<0.1	<0.1	<0.02	<0.02
	Antimony (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1	<0.1	<0.1	<0.1	<0.02	<0.02
	Arsenic	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1	<0.1	<0.1	<0.1	<0.02	<0.02
	Arsenic (Filtered)	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1	<0.1	<0.1	<0.1	<0.02	<0.02
	Barium	µg/l	0.02	<0.02	<0.02	**0.023**	<0.02	<0.02	**0.067**	<0.02	<0.02	<0.02	<0.02	**0.023**	**0.029**	<0.02	<0.02	<0.1	<0.1	<0.1	<0.1	<0.02	**0.102**
	Barium (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.115**	**0.024**	**0.026**	<0.02	<0.02	<0.1	<0.1	**0.57**	<0.1	<0.02	<0.02
	Beryllium	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.01	<0.01
	Beryllium (Filtered)	µg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.01	<0.01
	Bismuth	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.05	<0.05	<0.05	<0.005	<0.005
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.05	<0.05	<0.05	<0.005	<0.005
	Boron	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<50	<50
	Boron (Filtered)	µg/l	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<50	<50
	Cadmium	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0096**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cadmium (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Calcium	µg/l	10	<50	<50	<50	<50	<50	**54**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Calcium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	**72**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Cesium	µg/l	0.01															<0.01	<0.01	<0.01	<0.01		
	Cesium (Filtered)	µg/l	0.01															<0.01	<0.01	<0.01	<0.01		
	Chromium Total (III+VI)	µg/l	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.23**	<0.1	**0.25**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Cobalt	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0059**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.1	<0.1	<0.1	<0.1	<0.005	<0.005
	Cobalt (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.008**	<0.005	<0.005	<0.005	<0.005	<0.1	<0.1	<0.1	<0.1	<0.005	<0.005
	Copper	µg/L	0.05	<0.05	<0.05	**0.122**	<0.05	<0.05	**0.092**	<0.05	<0.05	<0.05	**0.109**	<0.05	<0.05	**0.097**	**0.053**	<0.5	<0.5	<0.5	<0.5	<0.05	**0.058**
	Copper (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.056**	**39.9**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05
	Iron	µg/L	1	<1	<1	<1	**2.5**	<1	**5.3**	<1	<1	<1	<1	<1	**1.3**	<1	<1	<10	<10	<10	<10	<1	**1.1**
	Iron (Filtered)	µg/L	1	<1	<1	<1	<1	<1	<1	**11.2**	**6.6**	<1	**8.9**	<1	<1	<1	<1	<10	<10	<10	<10	<1	<1
	Lead	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0061**	<0.005	<0.005	<0.005	<0.005	<0.005	**0.007**	<0.005	<0.005	<0.05	<0.05	<0.05	<0.05	**0.0065**	<0.005
	Lead (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.029**	<0.005	<0.005	<0.005	<0.005	<0.05	<0.05	<0.05	<0.05	<0.005	<0.005
	Lithium	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<0.5	<0.5
	Lithium (Filtered)	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.72**	**0.71**	<0.5	<1	<1	<1	<1	<0.5	<0.5

DILLON CONSULTING

				Lab Report Number	B533584	B540528	B542667	B545872	B545872	B547761	B549906	B563471	B572515	B575103	B577658	B579537	B582068	B637198	L2133651	L2195291	L2240836	L2295044	B240844	B240844
				Field ID	FB1	FB1	FB1	FB1	TB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB1	FB	FB	FB	FB	TRIP BLANK 1	TRIP BLANK 2
				Sampled_Date/Time	4/24/2015	5/14/2015	5/21/2015	5/29/2015	5/29/2015	6/4/2015	6/12/2015	7/23/2015	8/20/2015	8/27/2015	9/3/2015	9/10/2015	9/17/2015	5/13/2016	7/20/2018	11/9/2018	3/5/2019	8/18/2019	5/17/2012	5/17/2012
				Sample Type	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Field_B	Trip_B	Trip_B
Metals	Magnesium	µg/l	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<5	<5	<5	<5	<50	<50
	Magnesium (Filtered)	µg/l	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<5	<5	<5	<5	<50	<50
	Manganese	µg/L	0.05	<0.05	<0.05	**0.099**	<0.05	<0.05	**0.228**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05
	Manganese (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.111**	**0.064**	<0.05	**0.129**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05
	Mercury	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01
	Mercury (Filtered)	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01
	Molybdenum	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Molybdenum (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Nickel	µg/L	0.02	<0.02	**0.048**	<0.02	<0.02	<0.02	**0.097**	**0.115**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.5	<0.5	<0.5	<0.5	<0.02	<0.02
	Nickel (Filtered)	µg/L	0.02	<0.02	<0.02	**0.029**	**0.037**	<0.02	**0.081**	**0.16**	**0.054**	<0.02	**1.34**	**0.026**	<0.02	<0.02	<0.02	<0.02	<0.5	<0.5	<0.5	<0.5	<0.02	<0.02
	Potassium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Potassium (Filtered)	µg/l	10	<50	<100	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Rubidium	µg/l	0.2																<0.2	<0.2	<0.2	<0.2		
	Rubidium (Filtered)	µg/l	0.2																<0.2	<0.2	<0.2	<0.2		
	Selenium	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.04	<0.04
	Selenium (Filtered)	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.04	<0.04
	Silicon	µg/L	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100
	Silicon (Filtered)	µg/L	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<100	<100
	Silver	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005
	Silver (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005
	Sodium	µg/l	10	<50	<50	**63**	<50	<50	**214**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Sodium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Strontium	µg/l	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.058**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05
	Strontium (Filtered)	µg/l	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05
	Tellurium	µg/l	0.2																<0.2	<0.2	<0.2	<0.2		
	Tellurium (Filtered)	µg/l	0.2																<0.2	<0.2	<0.2	<0.2		
	Thallium	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.01	<0.01	<0.01	<0.002	<0.002
	Thallium (Filtered)	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.01	<0.01	<0.01	<0.002	<0.002
	Thorium	µg/l	0.1																<0.1	<0.1	<0.1	<0.1		
	Thorium (Filtered)	µg/l	0.1																<0.1	<0.1	<0.1	<0.1		
	Tin	µg/l	0.1	<0.2	<0.2	**0.22**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2
	Tin (Filtered)	µg/l	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2
	Titanium	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.3	<0.3	<0.3	<0.5	<0.5
	Thanium (Filtered)	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.3	<0.3	<0.3	<0.5	<0.5
	Tungsten	µg/l	0.1																<0.1	<0.1	<0.1	<0.1		
	Tungsten (Filtered)	µg/l	0.1																<0.1	<0.1	<0.1	<0.1		
	Uranium	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.0031**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.01	<0.01	<0.01	<0.002	<0.002
	Uranium (Filtered)	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.002**	<0.01	<0.01	<0.01	<0.01	<0.002	<0.002
	Vanadium	µg/L	0.2	<0.2	**0.53**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.25**	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2
	Zinc	µg/L	0.1	<0.1	<0.1	**0.73**	<0.1	<0.1	**1.06**	<0.1	**0.16**	<0.1	**0.66**	**0.12**	**0.61**	**0.12**	**0.19**	<3	<3	<3	<3	**0.12**	<0.1	
	Zinc (Filtered)	µg/l	0.1	<0.1	**0.26**	<0.1	<0.1	<0.1	<0.1	<0.1	**0.15**	<0.1	**1.34**	**0.2**	<0.1	**0.13**	**0.2**	<1	<1	<1	<1	**0.29**	<0.1	
	Zirconium	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.06	<0.06	<0.06	<0.06	<0.2	<0.1	<0.1
	Zirconium (Filtered)	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.06	<0.06	<0.06	<0.06	<0.2	<0.1	<0.1
Physical Properties	Filter and Preserve	-		999	999	999	999	999	999	999	999	999	999	999	999	999	999	999					999	999
Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylnaphthalene	µg/L	0.05																<0.05	<0.05	<0.05	<0.05		
	2-Metnylnaphthalene	µg/L	0.02	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05		
	Acenaphthene	µg/L	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Acenaphthylene	µg/L	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Acridine	µg/L	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Anthracene	µg/l	0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
	Benzo(a)anthracene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
	Benzo(a) pyrene	µg/l	0.005	<0.009	<0.009	<0.009	<0.009		<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.005	<0.005	<0.005	<0.005		
	Benzo(b+j)fluoranthene	µg/l	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Benzo(b & k)fluoranthene	µg/l	0.015																<0.015	<0.015	<0.015	<0.015		
	Benzo(g,h,i)perylene	µg/L	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Benzo(k)fluoranthene	µg/l	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Chrysene	µg/L	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Dibenz(a,h)anthracene	µg/l	0.003	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005		
	Fluoranthene	µg/L	0.01	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01		
	Fluorene	µg/l	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Indeno(1,2,3-c,d)pyrene	µg/L	0.01	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
	Naphthalene	µg/L	0.02	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05		
	Phenanthrene	µg/L	0.02	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02		
	Pyrene	µg/L	0.01	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01		
	Quinoline	µg/l	0.02	<0.24	<0.24	<0.24	<0.24		<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.05	<0.05	<0.05	<0.05		
	Light Molecular Weight (PAH Sum)	µg/L	0.1	<0.24	<0.24	<0.24	<0.24		<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24						
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05						
	PAHs (Sum of total)	µg/L	0.1	<0.24	<0.24	<0.24	<0.24		<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24						

DILLON CONSULTING

Lab Report Number	B252527	B255706	B265705	B276408	B276408	B283851	B283851	B297129	B297129	B2A7294	B2A7294	B2B4014	B306701	B306701	B314188	B322778	B322778	B331290	B341818	B341818
Field ID	TB1	TB1	TB2	TB1	TB2	TB1	TB1A	TRIP BLANK 1	TRIP BLANK 2	TB1	TB2	TB1	TB1	TB1A	TRIP BLANK	TRIP BLANK	TRIP BLANK A	TRIP BLANK	TRIP BLANK 1	TRIP BLANK 2
Sampled_Date/Time	6/18/2012	7/23/2012	7/23/2012	8/25/2012	8/25/2012			10/24/2012	10/24/2012						2/21/2013	3/20/2013	3/21/2013	4/18/2013	5/24/2013	5/24/2013
Sample Type	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B

Chem_Group	ChemName	Units	EQL																		
Calculated Parameters	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																		
	Alkalinity (Carbonate as CaCO3)	µg/l	500								<500	<500	<500	<500							
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																		
	Alkalinity (total) as CaCO3	µg/l	500	**980**	**1390**	**870**	<500	**1120**	**720**	**1160**	<500	<500	**1280**	**950**	**610**	<500	**950**	<500	**690**	<500	<500	**600**	<500
	Sulphur (as S)	µg/l	500	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Sulphur (as S) (Filtered)	µg/l	500	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<3000	<3000		<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Hardness as CaCO3	µg/l	500																				
	Hardness as CaCO3 (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500						<500	<500	<500	<500	<500	<500	<500	<500
General Chemistry	Bicarbonate	µg/l	500	**1200**	**1700**	**1060**	<500	**1370**	**880**	**1420**	<500	<500	**1560**	**1160**	**750**	<500	**1160**	<500	**840**	<500	<500	**730**	<500
	Carbonate	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Hydroxide	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	phenolphthalein alkalinity	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Ammonia	µg/l	5	<5	**130**	**130**	<5	<5	**9.7**	**7.6**	<5	<5	<5	<5	**11**	<5	<5	**8.2**	**14**	**13**	**21**	**11**
	Ammonia (as N)	µg/l	5																				
	Kjeldahl Nitrogen Total	µg/l	50																				
	Nitrate (as N)	µg/l	5	<20	<20	<20	<20	<20	<20	<20					<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrate (as N) (Filtered)	µg/l	10																				
	Nitrate (as NO3-)	µg/l	20								<20	<20	<20	<20									
	Nitrate (as NO3-) (Filtered)	µg/l	44																				
	Nitrate + Nitrite (as N)	µg/l	5.1	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrite (as N)	µg/l	1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Nitrite (as N) (Filtered)	µg/l	10																				
	Nitrite (as NO2-) (Filtered)	µg/l	33																				
	Nitrogen (N)	µg/l	20								<20	<20	<20	<20									
	Phosphorus	µg/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Phosphorus (Filtered)	µg/l	2																				
	Ortho Phosphorus (as P)	µg/l	3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																				
	Electrical conductivity (lab)	µS/cm	1	**1.9**	**1.4**	**1.5**	**1.1**	**1.5**	**1.1**	**1.3**	**1.3**	**1.4**	**1.7**	**1.3**	**1.2**	**1.2**	**1.5**	**1.2**	**1.3**	**1.2**	**1.7**	**1.2**	**1.2**
	Chloride	µg/l	500																				
	Chloride (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	**520**	<500	**610**	<500	<500	<500	<500	**500**	
	Fluoride	µg/l	10	<20	<10	<10	<10	<10	<10	<10	**11**	**13**	<10	<10	**19**	**12**	**15**	<10	<10	<10	<10	<10	<10
	Bromide	µg/l	3	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Bromide (Filtered)	µg/l	10																				
	Dissolved Organic Carbon (Filtered)	µg/l	500																				
	Total Organic Carbon (TOC)	µg/l	500																				
	pH (Lab)	pH Unit	0.1	**5.98**	**6.13**	**6.36**	**5.98**	**6.38**	**5.48**	**5.98**	**5.43**	**5.44**	**6.33**	**6**	**6.21**	**5.5**	**6.01**	**5.24**	**5.55**	**5.24**	**5.82**	**5.41**	**4.91**
	Sulphate (SO4)	µg/l	300																				
	Sulphate (SO4) (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	**620**	<500	<500	<500	<500
	Hardness	µg/l	500	<500	<500	<500	**710**	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Dissolved Hardness (Filtered)	µg/l	500								<500	<500	<500										
	Total Suspended Solids (TSS)	µg/l	1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
	Turbidity	NTU	0.1	<0.1	<0.1	<0.1	**0.13**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.14**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.1**	<0.1	<0.1
Metals	Sulfur (Filtered)	ug/L	3000																				
	Aluminium	µg/L	0.2	**0.45**	**1.1**	<0.2	**2.43**	**3.89**	**3.37**	**3.66**	**0.87**	**1.63**	**3.7**	**0.58**	**2.26**	**0.8**	**0.51**	**0.35**	**0.42**	<0.2	**0.62**	**0.76**	**0.74**
	Aluminium (Filtered)	µg/l	0.2	**0.24**	**1.4**	**1.83**	<0.2	<0.2	**2.19**	**2.32**	**1.5**	**2.23**	**0.28**	**0.54**		**0.84**	**3.67**	**0.5**	**0.56**	**0.44**	**0.36**	**0.95**	**1.18**
	Antimony	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Antimony (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic (Filtered)	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Barium	µg/L	0.02	<0.02	<0.02	**0.033**	**0.104**	**0.21**	<0.02	**0.021**	<0.02	<0.02	<0.02	**0.02**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Barium (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	**0.021**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Beryllium	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Beryllium (Filtered)	µg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Bismuth	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Boron	µg/L	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Boron (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50
	Cadmium	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cadmium (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Calcium	µg/l	10	<50	<50	<50	**286**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Calcium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50
	Cesium	µg/l	0.01																				
	Cesium (Filtered)	µg/l	0.01																				
	Chromium Total (III+VI)	µg/l	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	**0.1**	<0.1	<0.1
	Cobalt	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cobalt (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Copper	µg/L	0.05	<0.05	**0.059**	<0.05	<0.05	**0.073**	<0.05	<0.05	<0.05	**0.874**	<0.05	**0.072**	<0.05	<0.05	**0.182**	**0.06**	<0.05	<0.05	<0.05	<0.05	<0.05
	Copper (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	**0.078**	**0.067**	<0.05	**0.111**	**0.141**	**0.09**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Iron	µg/L	1	<1	<1	<1	<1	**3.9**	<1	<1	<1	<1	<1	<1	**2.1**	<1	<1	<1	<1	<1	<1	<1	<1
	Iron (Filtered)	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1
	Lead	µg/l	0.005	<0.005	<0.005	<0.005	**0.007**	**0.022**	<0.005	<0.005	<0.005	**0.009**	**0.006**	**0.007**	**0.007**	<0.005	**0.007**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Lead (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	**0.007**	**0.006**	<0.005	**0.008**	**0.005**	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Lithium	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Lithium (Filtered)	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DILLON CONSULTING

				Lab Report Number	B252527	B255706	B265705	B276408	B276408	B283851	B283851	B297129	B297129	B2A7294	B2A7294	B2B4014	B305701	B306701	B314188	B322778	B322778	B331290	B341818	B341818
				Field ID	TB1	TB1	TB2	TB1	TB2	TB1	TB1A	TRIP BLANK 1	TRIP BLANK 2	TB1	TB2	TB1	TB1	TB1A	TRIP BLANK	TRIP BLANK	TRIP BLANK A	TRIP BLANK	TRIP BLANK 1	TRIP BLANK 2
				Sampled_Date/Time	6/18/2012	7/23/2012	7/23/2012	8/25/2012	8/25/2012			10/24/2012	10/24/2012						2/21/2013	3/20/2013	3/21/2013	4/18/2013	5/24/2013	5/24/2013
				Sample Type	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B
Metals	Magnesium	µg/l	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Magnesium (Filtered)	µg/l	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Manganese	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	**0.066**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.051**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Manganese (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mercury	µg/L	0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.01**	<0.01	<0.01	<0.01	<0.01
	Mercury (Filtered)	µg/L	0.002		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.01**
	Molybdenum	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.054**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Molybdenum (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Nickel	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	**0.031**	<0.02	<0.02	<0.02	<0.02	**0.025**	<0.02	**0.025**	**0.022**	**0.033**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Nickel (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.026**	<0.02	<0.02	<0.02	**0.04**	<0.02		<0.02	**0.064**	<0.02	<0.02	<0.02	<0.02	<0.02	**0.027**
	Potassium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Potassium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50
	Rubidium	µg/l	0.2																					
	Rubidium (Filtered)	µg/l	0.2																					
	Selenium	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Selenium (Filtered)	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Silicon	µg/L	50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Silicon (Filtered)	µg/l	50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	<100	<100	<100	<100	<100	<100	<100
	Silver	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Silver (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Sodium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Sodium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50
	Strontium	µg/L	0.05	<0.05	<0.05	<0.05	**0.161**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.054**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Strontium (Filtered)	µg/l	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Tellurium	µg/l	0.2																					
	Tellurium (Filtered)	µg/l	0.2																					
	Thallium	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thallium (Filtered)	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thorium	µg/l	0.1																					
	Thorium (Filtered)	µg/l	0.1																					
	Tin	µg/l	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.23**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Tin (Filtered)	µg/l	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Titanium	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Titanium (Filtered)	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Tungsten	µg/l	0.1																					
	Tungsten (Filtered)	µg/l	0.1																					
	Uranium	µg/L	0.002	<0.002	<0.002	<0.002	**0.002**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.004**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Uranium (Filtered)	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Vanadium	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.2**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Zinc	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	**0.42**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.16**	**0.13**	**0.14**	**0.2**	**0.11**	<0.1	<0.1	<0.1	<0.1	<0.1
	Zinc (Filtered)	µg/l	0.1	<0.1	<0.1	<0.1	**0.25**	<0.1	<0.1	**0.12**	**0.11**	<0.1	<0.1	**0.24**	**0.29**		<0.1	**0.27**	<0.1	<0.1	<0.1	<0.1	**0.17**	<0.1
	Zirconium	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Zirconium (Filtered)	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Physical Properties	Filter and Preserva	-		999	999	999	999	999	999	999	999	999	999	999			999	999	999	999	999	999	999	999
Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylnaphthalene	µg/L	0.05																					
	2-Methylnaphthalene	µg/L	0.02																					
	Acenaphthene	µg/L	0.01																					
	Acenaphthylene	µg/L	0.01																					
	Acridine	µg/L	0.01																					
	Anthracene	µg/l	0.01																					
	Benzo(a)anthracene	µg/L	0.01																					
	Benzo(a) pyrene	µg/l	0.005																					
	Benzo(b+j)fluoranthene	µg/l	0.01																					
	Benzo(b & k)fluoranthene	µg/l	0.015																					
	Benzo(g,h,i)perylene	µg/L	0.01																					
	Benzo(k)fluoranthene	µg/l	0.01																					
	Chrysene	µg/L	0.01																					
	Dibenz(a,h)anthracene	µg/l	0.003																					
	Fluoranthene	µg/L	0.01																					
	Fluorene	µg/l	0.01																					
	Indeno(1,2,3-c,d)pyrene	µg/L	0.01																					
	Naphthalene	µg/L	0.02																					
	Phenanthrene	µg/L	0.02																					
	Pyrene	µg/L	0.01																					
	Quinoline	µg/l	0.02																					
	Light Molecular Weight (PAH Sum)	µg/L	0.1																					
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05																					
	PAHs (Sum of total)	µg/L	0.1																					

DILLON CONSULTING

Lab Report Number				B362218	B361929	B376551	B389472	B3A8725	B3B8312	B416171	B424928	B432952	B439804	B442060	B444272	B446972	B449500	B464009	B464009	B474408	B476541	B479164	B481292	B483962
Field ID				TB1	TRAVEL BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TB1	TB1	TB1	TB1	TB1	TB1	TRIP BLANK	TB1	FB1	TB1	TB1	TB1	TB1	TB1	TB1
Sampled_Date/Time						8/27/2013	10/24/2013							5/23/2014				7/24/2014	7/24/2014	8/22/2014		9/5/2014	9/11/2014	
Sample Type				Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B
Chem_Group	ChemName	Units	EQL																					
Calculated Parameters	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																					
	Alkalinity (Carbonate as CaCO3)	µg/l	500																					
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																					
	Alkalinity (total) as CaCO3	µg/l	500	<500	<500	530	510	880	<500	940	<500	630	<500	<500	900	<500	<500	830	820	<500	720	860	810	<500
	Sulphur (as S)	µg/l	500	<3000	<3000	<3000	<3000	<3000	<3000		<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Sulphur (as S) (Filtered)	µg/l	500	<3000	<3000	<3000	<3000	<3000	<3000		<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Hardness as CaCO3	µg/l	500																					
	Hardness as CaCO3 (Filtered)	µg/l	500	<500	<500	<500	<500	560	<500		<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
General Chemistry	Bicarbonate	µg/l	500	<500	<500	650	620	1070	<500	1150	<500	770	<500	<500	1100	<500	<500	1010	1000	<500	880	1050	990	<500
	Carbonate	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Hydroxide	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	phenolphthalein alkalinity	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Ammonia	µg/l	5	22	18	22	18	22	9.9	9.7	28	12	<5	24	27	<5	33	8.6	8.2	24	27	26	16	7.5
	Ammonia (as N)	µg/l	5																					
	Kjeldahl Nitrogen Total	µg/l	50																					
	Nitrate (as N)	µg/l	5	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrate (as N) (Filtered)	µg/l	10																					
	Nitrate (as NO3-)	µg/l	20																					
	Nitrate (as NO3-) (Filtered)	µg/l	44																					
	Nitrate + Nitrite (as N)	µg/l	5.1	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrite (as N)	µg/l	1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Nitrite (as N) (Filtered)	µg/l	10																					
	Nitrite (as NO2-) (Filtered)	µg/l	33																					
	Nitrogen (N)	µg/l	20																					
	Phosphorus	µg/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Phosphorus (Filtered)	µg/l	2																					
	Ortho Phosphorus (as P)	µg/l	3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																					
	Electrical conductivity (lab)	µS/cm	1	1.2	1.4	1.5	1.6	1.2	1.3	1.7	1.3	1.7	1.1	1.2	1.5	1.1	1.1	<1	1.1	1.1	1.2	1.2	1.3	1.1
	Chloride	µg/l	500																					
	Chloride (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	660	<500	<500	<500	<500	760	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Fluoride	µg/l	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	15	<10	<10	<10	<10	<10
	Bromide	µg/l	3	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<3	<10	<10	<10	<10	<10	<10	<10	<10
	Bromide (Filtered)	µg/l	10																					
	Dissolved Organic Carbon (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	630	<500	<500	1060	<500	<500	<500	<500	<500	<500	<500	<500	650	880
	Total Organic Carbon (TOC)	µg/l	500	<500	<500	740	510	<500	<500	<500	<500	<500	<500	<500	660	<500	<500	<500	<500	<500	<500	990	<500	<500
	pH (Lab)	pH Unit	0.1	6.15	6.07	5.98	5.96	5.46	5.4	6.25	5.3	6.36	5.73	5.92	6.23	6.1	5.77	5.89	5.94	5.35	5.63	5.89	5.88	5.88
	Sulphate (SO4)	µg/l	300																					
	Sulphate (SO4) (Filtered)	µg/l	500	980	530	570	620	<500	<500	<500	<500	<500	600	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Hardness	µg/l	500	<500	<500	<500	<500	<500	<500		<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Dissolved Hardness (Filtered)	µg/l	500																					
	Total Suspended Solids (TSS)	µg/l	1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
	Turbidity	NTU	0.1	0.12	<0.1	<0.1	<0.1	<0.1	<0.1	0.12	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Sulfur (Filtered)	ug/L	3000																					
	Aluminium	µg/L	0.2	<0.5	<0.5	0.63	1.16	1.23	22		<0.5	<0.5	1.04	1.88	1.07	1.22	<0.5	0.51	<0.5	<0.5	0.81	1.24	0.73	0.94
	Aluminium (Filtered)	µg/l	0.2	<0.5	<0.5	0.89	1.04	14.1	0.84		<0.5	<0.5	0.95	1.7	1.18	1.21	<0.5	3.05	<0.5	<0.5	1.13	1.33	0.58	0.86
	Antimony	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Antimony (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic (Filtered)	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Barium	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Barium (Filtered)	µg/L	0.02	0.032	<0.02	<0.02	<0.02	0.101	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Beryllium	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Beryllium (Filtered)	µg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Bismuth	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Boron	µg/L	10	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<20	<20	<20	<20	<20	<20	<20
	Boron (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<20	<20	<20	<20	<20	<20	<20
	Cadmium	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cadmium (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Calcium	µg/l	10	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Calcium (Filtered)	µg/l	10	<50	<50	<50	<50	199	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Cesium	µg/l	0.01																					
	Cesium (Filtered)	µg/l	0.01																					
	Chromium Total (III+VI)	µg/l	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Cobalt	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cobalt (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Copper	µg/L	0.05	<0.05	0.06	0.08	<0.05	<0.05	0.098		0.093	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.129	<0.05	0.25	<0.05
	Copper (Filtered)	µg/L	0.05	<0.05	<0.05	0.069	<0.05	0.105	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.106	<0.05	<0.05	0.084	0.084	0.071	<0.05
	Iron	µg/L	1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1
	Iron (Filtered)	µg/L	1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	1.9	<1	<1	<1	<1	<1	<1
	Lead	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<0.005
	Lead (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	0.017	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.009	<0.005	<0.005	0.006	0.017	<0.005	<0.005
	Lithium	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Lithium (Filtered)	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

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				Lab Report Number	B362218	B361929	B376551	B389472	B3A8725	B3B8312	B416171	B424928	B432952	B439804	B442060	B444272	B446972	B449500	B464009	B464009	B474408	B476541	B479164	B481292	B483962
				Field ID	TB1	TRAVEL BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TB1	TB1	TB1	TB1	TB1	TB1	TRIP BLANK	TB1	FB1	TB1	TB1	TB1	TB1	TB1	TB1
				Sampled_Date/Time			8/27/2013	10/24/2013							5/23/2014				7/24/2014	7/24/2014	8/22/2014		9/5/2014	9/11/2014	
				Sample Type	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B
Metals	Magnesium	µg/l	5	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Magnesium (Filtered)	µg/l	5	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Manganese	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		**0.074**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Manganese (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	**0.121**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.086**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mercury	µg/L	0.002	<0.01	<0.01	**0.012**	<0.002	<0.01	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.0028**	**0.0033**	**0.0022**	<0.002
	Mercury (Filtered)	µg/L	0.002	<0.01	<0.01	<0.01	<0.002	<0.01	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.0038**	**0.0031**	**0.0036**	**0.0031**	**0.0027**
	Molybdenum	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Molybdenum (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Nickel	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	**0.025**	**0.024**		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.038**	<0.02	**0.03**	<0.02	<0.02
	Nickel (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	**0.033**	**0.039**	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.048**	<0.02	**0.041**	**0.023**	<0.02	<0.02	<0.02
	Potassium	µg/l	10	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Potassium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Rubidium	µg/l	0.2																						
	Rubidium (Filtered)	µg/l	0.2																						
	Selenium	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Selenium (Filtered)	µg/l	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Silicon	µg/L	50	<100	<100	<100	<100	<100	<100		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Silicon (Filtered)	µg/L	50	<100	<100	<100	<100	<100	<100		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Silver	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Silver (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.006**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Sodium	µg/l	10	<50	<50	<50	<50	<50	<50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Sodium (Filtered)	µg/l	10	<50	<50	<50	<50	**77**	<50		<50	<50	<50	<50	<50	<50	<50	<50	**92**	<50	<50	<50	<50	<50	<50
	Strontium	µg/L	0.05	**0.053**	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Strontium (Filtered)	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	**0.127**	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Tellurium	µg/l	0.2																						
	Tellurium (Filtered)	µg/l	0.2																						
	Thallium	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thallium (Filtered)	µg/l	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thorium	µg/l	0.1																						
	Thorium (Filtered)	µg/l	0.1																						
	Tin	µg/l	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Tin (Filtered)	µg/l	0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Titanium	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Titanium (Filtered)	µg/L	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Tungsten	µg/l	0.1																						
	Tungsten (Filtered)	µg/l	0.1																						
	Uranium	µg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Uranium (Filtered)	µg/l	0.002	**0.004**	<0.002	<0.002	<0.002	**0.007**	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.003**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Vanadium	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Zinc	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		**0.17**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.1**	<0.1	<0.1	<0.1	**0.11**	**0.24**	**0.21**	<0.1
	Zinc (Filtered)	µg/l	0.1	<0.1	<0.1	<0.1	<0.1	**0.42**	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	**0.56**	<0.1	<0.1	**0.14**	**0.17**	<0.1	**0.2**
	Zirconium	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Zirconium (Filtered)	µg/L	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Physical Properties	Filter and Preserve	-		999	999	999	999	999	999		999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylnaphthalene	µg/L	0.05																						
	2-Methylnaphthalene	µg/L	0.02																<0.1						
	Acenaphthene	µg/L	0.01																<0.05						
	Acenaphthylene	µg/L	0.01																<0.05						
	Acridine	µg/L	0.01																<0.05						
	Anthracene	µg/l	0.01																<0.01						
	Benzo(a)anthracene	µg/L	0.01																<0.01						
	Benzo(a) pyrene	µg/l	0.005																<0.009						
	Benzo(b+j)fluoranthene	µg/l	0.01																<0.05						
	Benzo(b & k)fluoranthene	µg/l	0.015																						
	Benzo(g,h,i)perylene	µg/L	0.01																<0.05						
	Benzo(k)fluoranthene	µg/l	0.01																<0.05						
	Chrysene	µg/L	0.01																<0.05						
	Dibenz(a,h)anthracene	µg/l	0.003																<0.05						
	Fluoranthene	µg/L	0.01																<0.02						
	Fluorene	µg/l	0.01																<0.05						
	Indeno(1,2,3-c,d)pyrene	µg/L	0.01																<0.05						
	Naphthalene	µg/L	0.02																<0.1						
	Phenanthrene	µg/L	0.02																<0.05						
	Pyrene	µg/L	0.01																<0.02						
	Quinoline	µg/l	0.02																<0.24						
	Light Molecular Weight (PAH Sum)	µg/L	0.1																<0.24						
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05																<0.05						
	PAHs (Sum of total)	µg/L	0.1																<0.24						

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Lab Report Number	B499587	B4A9093	B4B5326	B505986	B533584	B540628	B542667	B547751	B549806	B572515	B579637	B582068	B637198
Field ID	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1
Sampled_Date/Time	10/30/2014	11/28/2014	12/18/2014	1/23/2015	4/24/2015	5/15/2015	5/21/2015		6/13/2015	8/21/2015	9/11/2015	9/18/2015	5/13/2016
Sample Type	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B

Chem_Group	ChemName	Units	EQL												
Calculated Parameters	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000												
	Alkalinity (Carbonate as CaCO3)	µg/l	500												
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000												
	Alkalinity (total) as CaCO3	µg/l	500	**780**	**510**	**680**	<500	**610**	**750**	<500	<500	**780**	**630**	**740**	<500	<500
	Sulphur (as S)	µg/l	500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Sulphur (as S) (Filtered)	µg/l	500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
	Hardness as CaCO3	µg/l	500													
	Hardness as CaCO3 (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
General Chemistry	Bicarbonate	µg/l	500	**950**	**620**	**830**	<500	**740**	**920**	<500	<500	**950**	**770**	**900**	<500	<500
	Carbonate	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Hydroxide	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	phenolphthalein alkalinity	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Ammonia	µg/l	5	**39**	<5	**14**	**6.6**	**12**	**18**	<5	<5	<5	**8.4**	**7.8**	**6.9**	<5
	Ammonia (as N)	µg/l	5													
	Kjeldahl Nitrogen Total	µg/l	50													
	Nitrate (as N)	µg/l	5	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrate (as N) (Filtered)	µg/l	10													
	Nitrate (as NO3-)	µg/l	20													
	Nitrate (as NO3-) (Filtered)	µg/l	44													
	Nitrate + Nitrite (as N)	µg/l	5.1	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Nitrite (as N)	µg/l	1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Nitrite (as N) (Filtered)	µg/l	10													
	Nitrite (as NO2-) (Filtered)	µg/l	33													
	Nitrogen (N)	µg/l	20													
	Phosphorus	µg/l	2	<5	<5	<5	<5	<2	<2	<2	<5	<2	<2	<2	<2	<2
	Phosphorus (Filtered)	µg/l	2													
	Ortho Phosphorus (as P)	µg/l	3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Ortho Phosphorus (as P) (Filtered)	µg/l	1													
	Electrical conductivity (lab)	µS/cm	1	**1.2**	**1.5**	**1.3**	**1.6**	**1.3**	**1.3**	**1.2**	**1.2**	**1.3**	<1	**1**	**1.8**	**1.3**
	Chloride	µg/l	500													
	Chloride (Filtered)	µg/l	500	<500	**640**	**960**	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Fluoride	µg/l	10	<10	<10	<10	<10	<10	**15**	<10	<10	<10	<10	<10	<10	**13**
	Bromide	µg/l	3	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Bromide (Filtered)	µg/l	10													
	Dissolved Organic Carbon (Filtered)	µg/l	500	<500	**760**	<500	<500	<500	<500	<500	<500	**900**	<500	<500	<500	<500
	Total Organic Carbon (TOC)	µg/l	500	<500	<500	<500	<500	**640**	<500	<500	<500	**590**	<500	<500	<500	<500
	pH (Lab)	pH Unit	0.1	**5.85**	**6.09**	**5.81**	**5.36**	**5.99**	**6.13**	**6.12**	**5.05**	**6.04**	**5.45**	**6.01**		**5.83**
	Sulphate (SO4)	µg/l	300													
	Sulphate (SO4) (Filtered)	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	**750**	**500**
	Hardness	µg/l	500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
	Dissolved Hardness (Filtered)	µg/l	500													
	Total Suspended Solids (TSS)	µg/l	1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
	Turbidity	NTU	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Sulfur (Filtered)	µg/L	3000													
	Aluminium	µg/L	0.2	**3.02**	**1.12**	**0.71**	**0.79**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.86**	**0.74**
	Aluminium (Filtered)	µg/l	0.2	**2.75**	**0.82**	**1.39**	**0.79**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Antimony	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Antimony (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Arsenic (Filtered)	µg/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Barium	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Barium (Filtered)	µg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.047**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Beryllium	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Beryllium (Filtered)	µg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Bismuth	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Boron	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Boron (Filtered)	µg/l	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Cadmium	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cadmium (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Calcium	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Calcium (Filtered)	µg/l	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Cesium	µg/l	0.01													
	Cesium (Filtered)	µg/l	0.01													
	Chromium Total (III+VI)	µg/l	0.1	**<0.1**	**<0.1**	**<0.1**	<0.1	**<0.1**	<0.1	**<0.1**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Cobalt	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Cobalt (Filtered)	µg/l	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Copper	µg/L	0.05	<0.05	**0.071**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Copper (Filtered)	µg/L	0.05	**0.089**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.059**	<0.05
	Iron	µg/L	1	<1	<1	**1**	**1.5**	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Iron (Filtered)	µg/L	1	<1	<1	**1.6**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Lead	µg/l	0.005	<0.005	**0.0094**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Lead (Filtered)	µg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Lithium	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Lithium (Filtered)	µg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.65**	**0.53**	<0.5

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				Lab Report Number	B499587	B4A9093	B4B5326	B505986	B533584	B540628	B542667	B547751	B549806	B572515	B579637	B582068	B637198
				Field ID	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1	TB1
				Sampled_Date/Time	10/30/2014	11/28/2014	12/18/2014	1/23/2015	4/24/2015	5/15/2015	5/21/2015		6/13/2015	8/21/2015	9/11/2015	9/18/2015	5/13/2016
				Sample Type	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B
Metals	Magnesium	µg/l	5		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Magnesium (Filtered)	µg/l	5		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Manganese	µg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.061**	<0.05	<0.05	<0.05	<0.05	<0.05
	Manganese (Filtered)	µg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mercury	µg/L	0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Mercury (Filtered)	µg/L	0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Molybdenum	µg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Molybdenum (Filtered)	µg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Nickel	µg/L	0.02		<0.02	<0.02	**0.038**	<0.02	<0.02	<0.02	<0.02	<0.02	**0.038**	<0.02	<0.02	<0.02	<0.02
	Nickel (Filtered)	µg/L	0.02		<0.02	**0.225**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Potassium	µg/l	10		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Potassium (Filtered)	µg/l	10		<50	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	<50	<50
	Rubidium	µg/l	0.2														
	Rubidium (Filtered)	µg/l	0.2														
	Selenium	µg/l	0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Selenium (Filtered)	µg/l	0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Silicon	µg/L	50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Silicon (Filtered)	µg/L	50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Silver	µg/l	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Silver (Filtered)	µg/l	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Sodium	µg/l	10		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Sodium (Filtered)	µg/l	10		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	Strontium	µg/l	0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Strontium (Filtered)	µg/l	0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Tellurium	µg/l	0.2														
	Tellurium (Filtered)	µg/l	0.2														
	Thallium	µg/l	0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thallium (Filtered)	µg/l	0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Thorium	µg/l	0.1														
	Thorium (Filtered)	µg/l	0.1														
	Tin	µg/l	0.1		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Tin (Filtered)	µg/l	0.1		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Titanium	µg/L	0.3		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Titanium (Filtered)	µg/L	0.3		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Tungsten	µg/l	0.1														
	Tungsten (Filtered)	µg/l	0.1														
	Uranium	µg/L	0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Uranium (Filtered)	µg/l	0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.002**
	Vanadium	µg/L	0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Vanadium (Filtered)	µg/L	0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Zinc	µg/L	0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.16**	**0.32**
	Zinc (Filtered)	µg/l	0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.11**	**0.12**	**0.4**
	Zirconium	µg/L	0.06		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Zirconium (Filtered)	µg/L	0.06		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Physical Properties	Filter and Preserve	-			999	999	999	999	999				999	999	999	999	
Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylnaphthalene	µg/L	0.05														
	2-Methylnaphthalene	µg/L	0.02														
	Acenaphthene	µg/L	0.01														
	Acenaphthylene	µg/L	0.01														
	Acridine	µg/L	0.01														
	Anthracene	µg/l	0.01														
	Benzo(a)anthracene	µg/L	0.01														
	Benzo(a) pyrene	µg/l	0.005														
	Benzo(b+j)fluoranthene	µg/l	0.01														
	Benzo(b & k)fluoranthene	µg/l	0.015														
	Benzo(g,h,i)perylene	µg/L	0.01														
	Benzo(k)fluoranthene	µg/l	0.01														
	Chrysene	µg/L	0.01														
	Dibenz(a,h)anthracene	µg/l	0.003														
	Fluoranthene	µg/L	0.01														
	Fluorene	µg/l	0.01														
	Indeno(1,2,3-c,d)pyrene	µg/L	0.01														
	Naphthalene	µg/L	0.02														
	Phenanthrene	µg/L	0.02														
	Pyrene	µg/L	0.01														
	Quinoline	µg/l	0.02														
	Light Molecular Weight (PAH Sum)	µg/L	0.1														
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05														
	PAHs (Sum of total)	µg/L	0.1														

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Appendix G

Field Duplicate Relative Percent Difference Calculations

Field Duplicates (water)
Filter: ALL

	Lab Report Number	B240844	B240844	**RPD**	B283851	B283851	**RPD**	B283851	B283851	**RPD**	B297129	B297129	**RPD**	B297129	B297129	**RPD**	B306701	B306701	**RPD**	B306701	B306701	**RPD**	B314188	B314188	**RPD**
	Field ID	M1	M1-DUP		G1	G1-DUP		M1	M1-DUP		A2	A2-DUP		G2	G2-DUP		A1	A1-DUP		G2	G2-DUP		H1	H1-DUP	
	Sampled Date/Time	5/14/2012	5/14/2012		9/18/2012	9/18/2012		9/18/2012	9/18/2012		10/24/2012	10/24/2012		10/25/2012	10/25/2012		1/24/2013	1/24/2013		1/25/2013	1/25/2013		2/21/2013	2/21/2013	
	Number of RPDs over standard range			**6**			**8**			**8**			**3**			**3**			**3**			**3**			**3**
Chemical	**Chemical Name**	**Units**	**EQL**																							
Calculated	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																							
	Alkalinity (Carbonate as CaCO3)	µg/l	500								1310	<500	90	1280	<500	88										
	Alkalinity (Carbonate as CaCO3)	µg/l	1000																							
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																							
	Alkalinity (total) as CaCO3	µg/l	500	82400	81800	1	133000	132000	1	153000	150000	2	141000	139000	1	161000	160000	1	155000	154000	1	157000	160000	2	185000	184000	1
	Alkalinity (total) as CaCO3	µg/l	1000																							
	Sulphur (as S)	µg/l	500																							
	Sulphur (as S)	µg/l	3000														5800	6500	11	10100	10500	4	50900	50700	0
	Sulphur (as S)	µg/l	2000								<10000	<10000	0	<10000	<10000	0										
	Sulphur (as S)	µg/l	15000																							
	Sulphur (as S)	µg/l	10000	<10000	<10000	0	<10000	<10000	0	28000	29000	4														
	Sulphur (as S) (Filtered)	µg/l	500																							
	Sulphur (as S) (Filtered)	µg/l	3000														5800	5000	15	9800	10600	8	48100	48900	2
	Sulphur (as S) (Filtered)	µg/l	2000								<10000	<10000	0	<10000	<10000	0										
	Sulphur (as S) (Filtered)	µg/l	10000	<10000	<10000	0	<10000	<10000	0	26000	29000	11														
	Hardness as CaCO3	µg/l	500																							
	Hardness as CaCO3 (Filtered)	µg/l	500	102000	102000	0	153000	140000	9	233000	212000	9							157000	183000	15	196000	197000	1	326000	327000	0
Parameters																										
Physical P	Filter and Preserve	-		999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0
operties																										
General C	Bicarbonate	µg/l	500	101000	99800	1					169000	170000	1	194000	195000	1	189000	188000	1	192000	195000	2	221000	224000	1
	Carbonate	µg/l	500	<500	<500	0					1570	<500	103	1540	<500	102	<500	<500	0	<500	<500	0	1960	650	100
	Hydroxide	µg/l	500	<500	<500	0					<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0
	phenolphthalein alkalinity	µg/l	500	<500	<500	0	<500	<500	0	2100	900	80	1310	<500	90	1280	<500	88	<500	<500	0	<500	<500	0	1630	540	100
	Ammonia	µg/l	5	18	21	15	9.5	12	23	22	22	0	18	9.9	58	**6.8**	**27**	**120**	11	17	43	**26**	**9**	**97**	18	14	25
	Ammonia (as N)	µg/l	5																							
	Kjeldahl Nitrogen Total	µg/l	50																							
	Nitrate (as N)	µg/l	5																							
	Nitrate (as N)	µg/l	20	109	99	10	<20	<20	0	243	241	1							45	51	13	108	99	9	863	874	1
	Nitrate (as NO3-)	µg/l	20										48	47	2	59	63	7								
	Nitrate + Nitrite (as N)	µg/l	5.1																							
	Nitrate + Nitrite (as N)	µg/l	20	109	107	2	<20	<20	0	243	241	1	48	47	2	59	63	7	45	51	13	108	99	9	863	874	1
	Nitrite (as N)	µg/l	5	<5	7.8	44	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0
	Nitrite (as N)	µg/l	1																							
	Nitrogen (N)	µg/l	20										48	47	2	59	63	7								
	Phosphorus	µg/l	50																							
	Phosphorus	µg/l	5 : 50 (Dupe)																							
	Phosphorus	µg/l	5	94.3	109	14	16.9	17.3	2	<5	<5	0	<5	<5	0	<5	<5	0	6	7.2	18	5.7	5.9	3	7.7	7.4	4
	Phosphorus	µg/l	2																							
	Phosphorus (Filtered)	µg/l	50																							
	Ortho Phosphorus (as P)	µg/l	5	19.4	20.1	4	13.7	12.8	7	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																							
	Electrical conductivity (lab)	µS/cm	2																							
	Electrical conductivity (lab)	µS/cm	1	206	202	2	292	297	2	434	436	0	292	293	0	350	350	0	322	325	1	349	353	1	622	622	0
	Chloride	µg/l	500																							
	Chloride (Filtered)	µg/l	500	1400	1500	7	970	590	49	2300	1600	36	<500	<500	0	700	720	3	1500	1600	6	1000	1000	0	1600	1200	29
	Fluoride	µg/l	20																							
	Fluoride	µg/l	10	100	110	10	95	100	5	130	140	7	180	180	0	230	230	0	150	150	0	230	230	0	270	270	0
	Bromide	µg/l	50																							
	Bromide	µg/l	10 : 100 (Dupe)																							
	Bromide	µg/l	10	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0
	Dissolved Organic Carbon (Filtered)	µg/l	500																							
	Total Organic Carbon (TOC)	µg/l	500																							
	pH (Lab)	pH Unit	0.1																							
	pH (Lab)	pH Unit		7.97	8.02	1	8.14	8.3	2	8.36	8.33	0	8.36	8.31	1	8.34	8.11	3	8.16	8.19	0	8.08	8.2	1	8.33	8.31	0
	Sulphate (SO4)	µg/l	300																							
	Sulphate (SO4) (Filtered)	µg/l	500	20500	20000	2	21600	22200	3	73300	75100	2	15300	14700	4	27600	27900	1	16400	16000	2	26900	27300	1	145000	144000	1
	Hardness	µg/l	500	104000	106000	2	140000	159000	13	209000	250000	18	151000	153000	1	178000	181000	2	167000	164000	2	178000	180000	1	340000	333000	2
	Dissolved Hardness (Filtered)	µg/l	500										156000	153000	2	183000	182000	1								
	Total Suspended Solids (TSS)	µg/l	5000 : 4000 (Dupe)																							
	Total Suspended Solids (TSS)	µg/l	3000																							
	Total Suspended Solids (TSS)	µg/l	20000																							
	Total Suspended Solids (TSS)	µg/l	1000 : 2000 (Dupe)																							
	Total Suspended Solids (TSS)	µg/l	1000	44800	47200	5	1900	1600	17	1200	1600	29	<1000	<1000	0	<1000	<1000	0	1900	1900	0	<1000	<1000	0	2800	2700	4
	Turbidity	NTU	0.1	27.6	28.3	3	1.6	2.16	30	**0.21**	**0.55**	**89**	0.11	<0.1	10	<0.1	0.1	0	0.3	0.19	45	0.18	0.2	11	0.14	0.14	0
emistry																										
Metals	Sulfur (Filtered)	ug/L	3000																							
	Aluminium	µg/l	3																							
	Aluminium	µg/L	0.5										3.12	3.36	7	3.22	2.56	23								
	Aluminium	µg/L	0.2	200	203	1	**39**	**24.9**	**44**	3.42	3.78	10							8.56	8.08	6	2.98	3.04	2	7.48	10.1	30
	Aluminium (Filtered)	µg/l	1																							
	Aluminium (Filtered)	µg/L	0.5										**7.55**	**1.65**	**128**	1.22	1.15	6								
	Aluminium (Filtered)	µg/L	0.2	**44.1**	**29.9**	**38**	2.7	3.28	19	**3.05**	**1.01**	**100**							**1.03**	**2.15**	**70**	**1.22**	**3.68**	**100**	1.23	1.37	11
	Antimony	µg/l	0.1																							
	Antimony	µg/L	0.05																							
	Antimony	µg/L	0.02	0.095	0.093	2	0.032	0.04	22	0.092	0.106	14	0.026	0.026	0	0.025	0.029	15	0.028	0.026	7	0.024	0.024	0	0.053	0.052	2
	Antimony (Filtered)	µg/l	0.1																							
	Antimony (Filtered)	µg/L	0.02	0.081	0.083	2	0.034	0.041	19	0.111	0.105	6	0.029	0.023	23	0.024	0.032	29	0.026	0.028	7	0.027	0.024	12	0.061	0.052	16
	Arsenic	µg/l	0.1																							
	Arsenic	µg/L	0.02	0.32	0.316	1	0.148	0.189	24	0.148	0.162	9	0.083	0.106	24	0.074	0.085	14	0.161	0.122	28	0.111	0.123	10	0.155	0.132	16
	Arsenic (Filtered)	µg/l	0.1																							
	Arsenic (Filtered)	µg/L	0.02	0.231	0.201	14	0.161	0.14	14	0.171	0.164	4	0.087	0.087	0	0.072	0.061	17	**0.161**	**0.108**	**39**	0.086	0.095	10	0.139	0.159	13
	Barium	µg/l	0.1																							
	Barium	µg/L	0.02	67	69.4	4	68.5	76.7	11	137	154	12	55.9	57.3	2	71.7	71.2	1	69.5	71.1	2	74	72	3	66.4	65.4	2
	Barium (Filtered)	µg/l	0.1																							
	Barium (Filtered)	µg/L	0.02	59.4	58.8	1	75.6	75.4	0	158	144	9	57.3	56.1	2	69.7	71.3	2	67.2	64.9	3	70.1	67.1	4	63.7	62.8	1
	Beryllium	µg/l	0.1																							
	Beryllium	µg/L	0.01	0.034	0.037	8	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Beryllium (Filtered)	µg/l	0.1																							
	Beryllium (Filtered)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Bismuth	µg/l	0.05																							
	Bismuth	µg/L	0.02																							
	Bismuth	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
	Bismuth (Filtered)	µg/l	0.05																							

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Field Duplicates (water) Filter: ALL																														
	Lab Report Number		B240844	B240844		B283851	B283851		B283851	B283851		B297129	B297129		B297129	B297129		B306701	B306701		B306701	B306701		B314188	B314188					
	Field ID		M1	M1-DUP	**RPD**	G1	G1-DUP	**RPD**	M1	M1-DUP	**RPD**	A2	A2-DUP	**RPD**	G2	G2-DUP	**RPD**	A1	A1-DUP	**RPD**	G2	G2-DUP	**RPD**	H1	H1-DUP	**RPD**				
	Sampled Date/Time		5/14/2012	5/14/2012		9/18/2012	9/18/2012		9/18/2012	9/18/2012		10/24/2012	10/24/2012		10/25/2012	10/25/2012		1/24/2013	1/24/2013		1/25/2013	1/25/2013		2/21/2013	2/21/2013					
	Number of RPDs over standard range				**6**			**8**			**8**			**3**			**3**			**3**			**3**			**3**			
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0				
	Boron	µg/L	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0				
	Boron	µg/L	20																												
	Boron	µg/L	10																												
	Boron (Filtered)	µg/L	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0				
	Boron (Filtered)	µg/L	20																												
	Boron (Filtered)	µg/L	10																												
	Cadmium	µg/l	0.005	0.207	0.235	13	0.015	0.015	0	0.027	0.03	11	0.005	<0.005	0	0.018	0.007	88	0.009	0.005	57	0.009	0.005	57	0.015	0.017	13				
	Cadmium (Filtered)	µg/L	0.005	0.055	0.05	10	0.01	0.012	18	0.028	0.023	20	0.006	<0.005	18	0.009	0.015	50	<0.005	<0.005	0	0.006	0.007	15	0.009	0.011	20				
	Calcium	µg/l	50	28400	28700	1	36700	42000	13	56400	70100	22							46900	46000	2	46800	47500	1	77100	74900	3				
	Calcium	µg/l	250																												
	Calcium	µg/l	10										42100	42900	2	46100	47300	3													
	Calcium (Filtered)	µg/l	50	27700	27600	0	40000	35700	11	64900	57500	12							43400	52800	20	51900	51300	1	72900	73700	1				
	Calcium (Filtered)	µg/l	10										43700	42700	2	47500	47000	1													
	Cesium	µg/l	0.01																												
	Cesium (Filtered)	µg/l	0.01																												
	Chromium Total (III+VI)	µg/L	0.5																												
	Chromium Total (III+VI)	µg/l	0.1	0.28	0.37	28	<0.1	<0.1	0	<0.1	<0.1	0	0.13	0.11	17	0.13	<0.1	26	0.16	<0.1	46	0.12	0.13	8	0.13	0.13	0				
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	<0.1	0.18	57	<0.1	<0.1	0	0.15	0.12	22	0.12	0.12	0	0.11	<0.1	10	0.14	0.18	25	0.21	0.19	10	<0.1	<0.1	0				
	Cobalt	µg/l	0.1																												
	Cobalt	µg/L	0.01																												
	Cobalt	µg/L	0.005	0.524	0.613	16	0.014	0.025	56	0.045	0.049	9	0.011	0.009	20	0.009	0.007	25	0.022	0.021	5	0.009	0.01	11	**0.022**	**0.033**	**40**				
	Cobalt (Filtered)	µg/l	0.1																												
	Cobalt (Filtered)	µg/L	0.005	**0.124**	**0.086**	**36**	0.012	0.006	67	0.038	0.038	0	0.014	0.008	55	0.008	0.007	13	0.011	0.01	10	0.008	0.007	13	0.023	0.017	30				
	Copper	µg/l	0.5																												
	Copper	µg/L	0.2																												
	Copper	µg/L	0.05	1.24	1.42	14	**0.239**	**0.754**	**104**	**0.218**	**0.885**	**121**	0.073	0.051	35	0.054	0.142	90	0.092	0.097	5	0.078	0.058	29	**0.147**	**0.48**	**106**				
	Copper (Filtered)	µg/l	0.2																												
	Copper (Filtered)	µg/L	0.05	0.456	0.388	16	**0.353**	**0.59**	**50**	0.637	0.473	30	<0.05	<0.05	0	0.065	0.072	10	0.058	0.094	47	0.11	0.11	0	0.159	0.117	30				
	Iron	µg/L	5																												
	Iron	µg/l	10																												
	Iron	µg/L	1	191	208	9	18.3	21.7	17	**4.9**	**8.5**	**54**	15.8	16.6	5	3.5	3.3	6	26.5	25.3	5	2.5	3	18	27.6	26.1	6				
	Iron (Filtered)	µg/l	10																												
	Iron (Filtered)	µg/L	1	**26.9**	**12.4**	**74**	**3.4**	**7.9**	**80**	4.4	4.6	4	**29**	**11.9**	**84**	1.2	<1	18	4.8	4.9	2	<1	1.1	10	4.9	4.4	11				
	Lead	µg/l	0.05																												
	Lead	µg/L	0.005	0.505	0.553	9	0.019	0.022	15	0.009	0.018	67	0.013	0.011	17	0.008	0.01	22	0.033	0.029	13	<0.005	<0.005	0	0.023	0.025	8				
	Lead (Filtered)	µg/l	0.05																												
	Lead (Filtered)	µg/L	0.005	**0.046**	**0.009**	**135**	**0.006**	**0.038**	**145**	0.017	0.005	109	**0.032**	**0.006**	**137**	0.006	<0.005	18	<0.005	0.008	46	0.007	0.007	0	0.016	0.019	17				
	Lithium	µg/l	1																												
	Lithium	µg/L	0.5	2.24	2.3	3	9.7	9.91	2	6.75	7.27	7	2.39	2.48	4	5.35	5.3	1	3.71	3.68	1	5.31	5.1	4	6.38	6.34	1				
	Lithium (Filtered)	µg/l	1																												
	Lithium (Filtered)	µg/L	0.5	2.34	2.28	3	9.72	8.68	11	7.33	5.91	21	2.47	2.34	5	5.14	5.24	2	3.56	3.77	6	4.9	5.13	5	6.24	6.06	3				
	Magnesium	µg/l	50	8060	8260	2	11800	13200	11	16500	18300	10							12200	11900	2	15000	15000	0	35800	35500	1				
	Magnesium	µg/l	5																												
	Magnesium	µg/l	250																												
	Magnesium	µg/l	10										11100	11200	1	15300	15300	0													
	Magnesium (Filtered)	µg/l	50	7940	8120	2	12900	12200	6	17300	16700	4							11700	12500	7	16100	16700	4	34900	34800	0				
	Magnesium (Filtered)	µg/l	5																												
	Magnesium (Filtered)	µg/l	10										11300	11200	1	15700	15800	1													
	Manganese	µg/l	0.1																												
	Manganese	µg/L	0.05	20.3	22.4	10	1.42	1.63	14	1.18	1.38	16	2.3	2.21	4	0.281	0.276	2	1.93	1.9	2	0.2	0.229	14	2.75	2.54	8				
	Manganese (Filtered)	µg/l	0.1																												
	Manganese (Filtered)	µg/L	0.05	**2.45**	**1.09**	**77**	0.31	0.332	7	0.822	0.721	13	2.46	2.16	13	0.11	0.118	7	0.738	0.825	11	0.052	0.122	80	0.537	0.525	2				
	Mercury	µg/L	0.01																												
	Mercury	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0				
	Mercury	µg/l	0.005																												
	Mercury	µg/L	0.002																												
	Mercury (Filtered)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0				<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0				
	Mercury (Filtered)	µg/L	0.01																												
	Mercury (Filtered)	µg/l	0.005																												
	Mercury (Filtered)	µg/L	0.002																												
	Molybdenum	µg/l	0.05	0.458	0.448	2	1.21	1.41	15	0.706	0.826	16	0.53	0.518	2	1.43	1.43	0	0.601	0.658	9	1.61	1.63	1	1.14	1.13	1				
	Molybdenum (Filtered)	µg/L	0.05	0.521	0.463	12	1.31	1.36	4	0.837	0.765	9	0.525	0.546	4	1.41	1.42	1	0.621	0.668	7	1.61	1.69	5	1.1	1.07	3				
	Nickel	µg/l	0.5																												
	Nickel	µg/L	0.1																												
	Nickel	µg/L	0.02	1.97	2.21	11	**0.242**	**0.349**	**36**	**0.828**	**1.14**	**32**	0.098	0.109	11	**0.088**	**0.125**	**35**	0.153	0.131	15	**0.069**	**0.142**	**69**	0.458	0.592	26				
	Nickel (Filtered)	µg/l	0.5																												
	Nickel (Filtered)	µg/L	0.02	1.1	1.11	1	0.223	0.267	18	0.976	0.811	18	0.1	0.107	7	0.1	0.114	13	0.157	0.12	27	0.073	0.086	16	0.318	0.287	10				
	Potassium	µg/l	50	525	536	2	613	621	1	792	786	1							405	403	0	512	512	0	760	754	1				
	Potassium	µg/l	250																												
	Potassium	µg/l	10										320	316	1	515	500	3													
	Potassium (Filtered)	µg/l	50	522	507	3	620	619	0	760	760	0							390	361	8	498	517	4	731	731	0				
	Potassium (Filtered)	µg/l	100																												
	Potassium (Filtered)	µg/l	10										324	319	2	530	516	3													
	Rubidium	µg/l	0.2																												
	Rubidium (Filtered)	µg/l	0.2																												
	Selenium	µg/l	0.05																												
	Selenium	µg/L	0.04	1.14	1.33	15	0.387	0.387	0	**1.44**	**2.17**	**40**	0.67	0.568	16	2.06	2.01	2	0.517	0.463	11	2.24	2.56	13	24.7	23.6	5				
	Selenium (Filtered)	µg/l	0.05																												
	Selenium (Filtered)	µg/L	0.04	1.14	1.2	5	0.44	0.433	2	1.9	1.64	15	0.515	0.596	15	2.16	1.98	9	0.643	0.568	12	2.31	2.61	12	23.3	23.7	2				
	Silicon	µg/L	50																												
	Silicon	µg/l	100	2250	2260	0	2690	3160	16	1890	2360	22	1910	1930	1	2560	2670	4	2190	2130	3	2660	2690	1	2360	2280	3				
	Silicon (Filtered)	µg/L	50																												
	Silicon (Filtered)	µg/L	100	2010	1980	2	2720	2440	11	1990	1750	13	1970	1920	3	2650	2580	3	1800	2220	21	3250	3090	5	2190	2230	2				
	Silver	µg/l	0.01																												
	Silver	µg/L	0.005	0.029	0.036	22	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0				
	Silver (Filtered)	µg/l	0.01																												
	Silver (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0				
	Sodium	µg/l	50	1570	1590	1	3720	4100	10	3870	4320	11							1720	1660	4	2030	2070	2	2000	1980	1				
	Sodium	µg/l	250																												
	Sodium	µg/l	10										838	844	1	2020	2020	0													
	Sodium (Filtered)	µg/l	50	1560	1580	1	4060	3820	6	4060	3810	6							1650	1700	3	2160	2280	5	1930	1930	0				
	Sodium (Filtered)	µg/l	10										843	848	1	2070	2070	0													
	Strontium	µg/l	0.2																												
	Strontium	µg/L	0.05	77.2	77.4	0	144	171	17	153	182	17	90.4	91	1	129	126	2	118	116	2	128	125	2	160	158	1				

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Field Duplicates (water) Filter: ALL			**Lab Report Number**	B240844	B240844		B283851	B283851		B283851	B283851		B297129	B297129		B297129	B297129		B306701	B306701		B306701	B306701		B314188	B314188	
			Field ID	M1	M1-DUP	**RPD**	G1	G1-DUP	**RPD**	M1	M1-DUP	**RPD**	A2	A2-DUP	**RPD**	G2	G2-DUP	**RPD**	A1	A1-DUP	**RPD**	G2	G2-DUP	**RPD**	H1	H1-DUP	**RPD**
			Sampled Date/Time	5/14/2012	5/14/2012		9/18/2012	9/18/2012		9/18/2012	9/18/2012		10/24/2012	10/24/2012		10/25/2012	10/25/2012		1/24/2013	1/24/2013		1/25/2013	1/25/2013		2/21/2013	2/21/2013	
Number of RPDs over standard range						**6**			**8**			**8**			**3**			**3**			**3**			**3**			**3**
	Strontium (Filtered)	µg/l	0.2																								
	Strontium (Filtered)	µg/L	0.05	77.7	77.1	1	173	165	5	168	171	2	91.2	89.6	2	125	127	2	118	114	3	132	129	2	155	154	1
	Tellurium	µg/l	0.2																								
	Tellurium (Filtered)	µg/l	0.2																								
	Thallium	µg/l	0.01																								
	Thallium	µg/L	0.002	0.025	0.022	13	0.006	0.006	0	0.005	0.006	18	0.002	0.002	0	0.002	0.002	0	0.002	0.003	40	0.002	0.002	0	0.005	0.005	0
	Thallium (Filtered)	µg/l	0.01																								
	Thallium (Filtered)	µg/L	0.002	0.009	0.007	25	0.006	0.008	29	0.008	0.007	13	0.002	0.002	0	0.002	0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	0.004	0.003	29
	Thorium	µg/l	0.1																								
	Thorium (Filtered)	µg/l	0.1																								
	Tin	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Tin	µg/l	0.1																								
	Tin (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.21	<0.2	5
	Tin (Filtered)	µg/l	0.1																								
	Titanium	µg/L	5																								
	Titanium	µg/l	1.5																								
	Titanium	µg/L	0.5	3.94	4.66	17	1.22	0.77	45	<0.5	0.64	25	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Titanium	µg/l	0.3																								
	Titanium (Filtered)	µg/L	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Titanium (Filtered)	µg/l	0.3																								
	Tungsten	µg/l	0.1																								
	Tungsten (Filtered)	µg/l	0.1																								
	Uranium	µg/l	0.01																								
	Uranium	µg/L	0.005																								
	Uranium	µg/L	0.002	0.345	0.349	1	0.22	0.246	11	0.654	0.778	17	0.546	0.559	2	1.2	1.23	2	0.575	0.573	0	1.31	1.27	3	2.13	2.15	1
	Uranium (Filtered)	µg/l	0.01																								
	Uranium (Filtered)	µg/L	0.002	0.266	0.272	2	0.224	0.229	2	0.757	0.697	8	0.553	0.541	2	1.13	1.19	5	0.551	0.559	1	1.32	1.29	2	2.08	2.07	0
	Vanadium	µg/l	0.5																								
	Vanadium	µg/L	0.2	0.82	0.84	2	<0.2	<0.2	0	<0.2	0.24	18	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Vanadium (Filtered)	µg/l	0.5																								
	Vanadium (Filtered)	µg/L	0.2	0.35	0.3	15	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Zinc	µg/l	3																								
	Zinc	µg/L	1																								
	Zinc	µg/L	0.1	4.5	5.48	20	**0.36**	**0.67**	**60**	**0.46**	**0.87**	**62**	0.44	0.41	7	**0.28**	**0.64**	**78**	**1.34**	**0.87**	**43**	0.37	0.31	18	0.64	0.68	6
	Zinc (Filtered)	µg/l	1																								
	Zinc (Filtered)	µg/L	0.1	**0.97**	**0.49**	**66**	**0.41**	**2.2**	**137**	**0.5**	**1.42**	**96**	0.56	0.44	24	0.4	0.3	29	0.23	0.33	36	0.31	0.41	28	**0.63**	**0.4**	**45**
	Zirconium	µg/l	0.2																								
	Zirconium	µg/L	0.1	0.18	0.18	0	0.19	<0.1	62	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Zirconium	µg/l	0.06																								
	Zirconium (Filtered)	µg/l	0.2																								
	Zirconium (Filtered)	µg/L	0.1	0.12	0.12	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Zirconium (Filtered)	µg/l	0.06																								
Polycyclic	1-Methylnaphthalene	µg/l	0.05																								
	2-Methylnaphthalene	µg/L	0.1																								
	2-Methylnaphthalene	µg/l	0.05																								
	Acenaphthene	µg/L	0.05																								
	Acenaphthene	µg/l	0.01																								
	Acenaphthylene	µg/L	0.05																								
	Acenaphthylene	µg/l	0.01																								
	Acridine	µg/L	0.05																								
	Acridine	µg/l	0.01																								
	Anthracene	µg/l	0.01																								
	Benzo(a)anthracene	µg/l	0.01																								
	Benzo(a) pyrene	µg/L	0.009																								
	Benzo(a) pyrene	µg/l	0.005																								
	Benzo(b+j)fluoranthene	µg/L	0.05																								
	Benzo(b+j)fluoranthene	µg/l	0.01																								
	Benzo(b & k)fluoranthene	µg/l	0.015																								
	Benzo(g,h,i)perylene	µg/L	0.05																								
	Benzo(g,h,i)perylene	µg/l	0.01																								
	Benzo(k)fluoranthene	µg/L	0.05																								
	Benzo(k)fluoranthene	µg/l	0.01																								
	Chrysene	µg/L	0.05																								
	Chrysene	µg/l	0.01																								
	Dibenz(a,h)anthracene	µg/L	0.05																								
	Dibenz(a,h)anthracene	µg/l	0.005																								
	Fluoranthene	µg/L	0.02																								
	Fluoranthene	µg/l	0.01																								
	Fluorene	µg/L	0.05																								
	Fluorene	µg/l	0.01																								
	Indeno(1,2,3-c,d)pyrene	µg/L	0.05																								
	Indeno(1,2,3-c,d)pyrene	µg/l	0.01																								
	Naphthalene	µg/L	0.1																								
	Naphthalene	µg/l	0.05																								
	Phenanthrene	µg/L	0.05																								
	Phenanthrene	µg/l	0.02																								
	Pyrene	µg/L	0.02																								
	Pyrene	µg/l	0.01																								
	Quinoline	µg/L	0.5																								
	Quinoline	µg/L	0.24																								
	Quinoline	µg/l	0.05																								
	Light Molecular Weight (PAH Sum)	µg/L	0.5																								
	Light Molecular Weight (PAH Sum)	µg/L	0.24																								
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05																								
	PAHs (Sum of total)	µg/L	0.5																								
	PAHs (Sum of total)	µg/L	0.24																								

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Field Duplicates (water)
Filter: ALL

	Lab Report Number	B322778	B322778	**RPD**	B330896	B330896	**RPD**	B341817	B341817	**RPD**	B352218	B352218	**RPD**	B361290	B361290	**RPD**	B376651	B376651	**RPD**	B388572	B388572	**RPD**	B399472	B399472	**RPD**
	Field ID	H1	H1-DUP		M2	M2-DUP		A3	A3-DUP		M1	M1-DUP		A3	A3-DUP		G2	G2-DUP		A5	A5-DUP		M1	M1-DUP	
	Sampled Date/Time	3/21/2013	3/21/2013		4/17/2013	4/17/2013		5/23/2013	5/23/2013		6/21/2013	6/21/2013		7/17/2013	7/17/2013		8/27/2013	8/27/2013		9/26/2013	9/26/2013		10/24/2013	10/24/2013	
Number of RPDs over standard range				**1**			**4**			**1**			**12**			**9**			**4**			**1**			**4**
Chemical	**Chemical Name**	**Units**	**EQL**																						
Calculated	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																						
	Alkalinity (Carbonate as CaCO3)	µg/l	500																						
	Alkalinity (Carbonate as CaCO3)	µg/l	1000																						
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																						
	Alkalinity (total) as CaCO3	µg/l	500	188000	185000	2	144000	144000	0	90100	87100	3	77800	78700	1	126000	125000	1	132000	133000	1	99700	99500	0	135000	137000	1
	Alkalinity (total) as CaCO3	µg/l	1000																						
	Sulphur (as S)	µg/l	500																						
	Sulphur (as S)	µg/l	3000	53800	57800	7	22700	22000	3	<3000	<3000	0	5700	4800	17	6100	6000	2	7700	8000	4	8400	9200	9	22600	23800	5
	Sulphur (as S)	µg/l	2000																						
	Sulphur (as S)	µg/l	15000																						
	Sulphur (as S)	µg/l	10000																						
	Sulphur (as S) (Filtered)	µg/l	500																						
	Sulphur (as S) (Filtered)	µg/l	3000	55100	52700	4	24700	23000	7	<3000	3100	3	6100	6000	2	6400	6400	0	8400	8500	1	7500	8100	8	23900	23700	1
	Sulphur (as S) (Filtered)	µg/l	2000																						
	Sulphur (as S) (Filtered)	µg/l	10000																						
	Hardness as CaCO3	µg/l	500																						
	Hardness as CaCO3 (Filtered)	µg/l	500	333000	334000	0	201000	203000	1	97600	93700	4	85100	85100	0	123000	120000	2	139000	138000	1	131000	138000	5	210000	210000	0
Parameters																											
Physical P	Filter and Preserve	-		999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0
operties																											
General C	Bicarbonate	µg/l	500	225000	226000	0	173000	171000	1	110000	106000	4	94900	96000	1	154000	153000	1	161000	156000	3	122000	121000	1	160000	165000	3
	Carbonate	µg/l	500	2500	<500	133	**1330**	**2620**	**65**	<500	<500	0	<500	<500	0	<500	<500	0	**<500**	**2720**	**138**	<500	<500	0	2120	1560	30
	Hydroxide	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0
	phenolphthalein alkalinity	µg/l	500	2080	<500	122	1110	2180	65	<500	<500	0	<500	<500	0	<500	<500	0	<500	2270	128	<500	<500	0	1770	1300	31
	Ammonia	µg/l	5	16	17	6	5.3	6.6	22	37	32	14	37	38	3	8.9	7.5	17	11	7.6	37	8.9	7.2	21	8.1	9.5	16
	Ammonia (as N)	µg/l	5																								
	Kjeldahl Nitrogen Total	µg/l	50																								
	Nitrate (as N)	µg/l	5																								
	Nitrate (as N)	µg/l	20	909	913	0	495	499	1	71	65	9	120	120	0	27	22	20	<20	<20	0	38	36	5	238	237	0
	Nitrate (as NO3-)	µg/l	20																								
	Nitrate + Nitrite (as N)	µg/l	5.1																								
	Nitrate + Nitrite (as N)	µg/l	20	909	913	0	495	499	1	71	65	9	128	126	2	27	22	20	<20	<20	0	38	36	5	238	237	0
	Nitrite (as N)	µg/l	5	<5	<5	0	<5	<5	0	<5	<5	0	7.8	6.5	18	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0
	Nitrite (as N)	µg/l	1																								
	Nitrogen (N)	µg/l	20																								
	Phosphorus	µg/l	50																								
	Phosphorus	µg/l	5 : 50 (Dupe)										**317**	**2080**	**147**												
	Phosphorus	µg/l	5	<5	<5	0	12.8	11	15	85.7	103	18				23	23.9	4	18.6	19	2	5.4	5.9	9	5.3	5.7	7
	Phosphorus	µg/l	2																								
	Phosphorus (Filtered)	µg/l	50																								
	Ortho Phosphorus (as P)	µg/l	5	<5	<5	0	<5	<5	0	22.4	29.3	27	18.9	18.3	3	20.6	18.8	9	16.7	17	2	5.4	5.2	4	<5	<5	0
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																								
	Electrical conductivity (lab)	µS/cm	2																								
	Electrical conductivity (lab)	µS/cm	1	637	632	1	402	404	0	186	182	2	181	181	0	267	267	0	289	291	1	247	248	0	392	391	0
	Chloride	µg/l	500																								
	Chloride (Filtered)	µg/l	500	1700	1700	0	2700	2800	4	610	<500	20	**4800**	**3300**	**37**	580	<500	15	**2900**	**1100**	**90**	570	650	13	1300	1500	14
	Fluoride	µg/l	20																								
	Fluoride	µg/l	10	260	270	4	140	130	7	86	88	2	130	130	0	120	110	9	100	99	1	160	160	0	140	140	0
	Bromide	µg/l	50																								
	Bromide	µg/l	10 : 100 (Dupe)																								
	Bromide	µg/l	10	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0
	Dissolved Organic Carbon (Filtered)	µg/l	500										4130	4680	12	1380	980	34	<500	<500	0	840	<500	51	1510	1400	8
	Total Organic Carbon (TOC)	µg/l	500										4380	5010	13	1810	1790	1	<500	<500	0	1280	760	51	2510	2740	9
	pH (Lab)	pH Unit	0.1																								
	pH (Lab)	pH Unit		8.33	8.3	0	8.33	8.34	0	8.17	8.17	0	7.92	7.97	1	8.13	8.27	2	8.29	8.39	1	8.25	8.27	0	8.34	8.33	0
	Sulphate (SO4)	µg/l	300																								
	Sulphate (SO4) (Filtered)	µg/l	500	158000	159000	1	71800	71200	1	8320	9130	9	18100	15700	14	15300	17000	11	22100	22600	2	25200	21900	14	65300	66900	2
	Hardness	µg/l	500	331000	336000	1	209000	202000	3	103000	95300	8	266000	272000	2	130000	123000	6	144000	139000	4	133000	139000	4	207000	205000	1
	Dissolved Hardness (Filtered)	µg/l	500																								
	Total Suspended Solids (TSS)	µg/l	5000 : 4000 (Dupe)																								
	Total Suspended Solids (TSS)	µg/l	3000																								
	Total Suspended Solids (TSS)	µg/l	20000										920000	904000	2												
	Total Suspended Solids (TSS)	µg/l	1000 : 2000 (Dupe)																			<1000	<2000	0			
	Total Suspended Solids (TSS)	µg/l	1000	1200	<1000	18	**5200**	**3800**	**31**	55500	48500	13				2200	2100	5	1100	1300	17				1300	1000	26
	Turbidity	NTU	0.1	0.26	0.25	4	3.04	2.35	26	11.9	13.9	16	1010	929	8	0.61	0.6	2	0.81	0.8	1	0.17	0.28	49	0.66	0.56	16
emistry																											
Metals	Sulfur (Filtered)	ug/L	3000																								
	Aluminium	µg/l	3																								
	Aluminium	µg/L	0.5							160	160	0	**2250**	**3200**	**35**	**2.9**	**10.4**	**113**	**39.6**	**23.1**	**53**	**1.54**	**2.59**	**51**	**13.6**	**27.8**	**69**
	Aluminium	µg/L	0.2	7.46	7	6	76	64.4	17																		
	Aluminium (Filtered)	µg/l	1																								
	Aluminium (Filtered)	µg/L	0.5							10.3	11.4	10	27.8	21.6	25	**13.6**	**2.85**	**131**	3.17	2.94	8	1.16	1.15	1	1.79	2.02	12
	Aluminium (Filtered)	µg/L	0.2	1.99	2.17	9	2.74	2.95	7																		
	Antimony	µg/l	0.1																								
	Antimony	µg/L	0.05																								
	Antimony	µg/L	0.02	0.057	0.061	7	0.072	0.077	7	0.045	0.045	0	0.189	0.191	1	0.042	0.048	13	0.041	0.041	0	<0.02	<0.02	0	0.104	0.097	7
	Antimony (Filtered)	µg/l	0.1																								
	Antimony (Filtered)	µg/L	0.02	0.067	0.066	2	0.079	0.075	5	0.04	0.04	0	0.119	0.125	5	0.039	0.042	7	0.045	0.037	20	<0.02	<0.02	0	0.106	0.094	12
	Arsenic	µg/l	0.1																								
	Arsenic	µg/L	0.02	0.123	0.126	2	0.182	0.157	15	0.293	0.311	6	2.88	3.15	9	0.144	0.144	0	0.209	0.169	21	0.107	0.106	1	0.171	0.169	1
	Arsenic (Filtered)	µg/l	0.1																								
	Arsenic (Filtered)	µg/L	0.02	0.134	0.126	6	0.15	0.152	1	0.138	0.162	16	0.327	0.286	13	0.152	0.143	6	0.182	0.166	9	0.084	0.079	6	0.192	0.188	2
	Barium	µg/l	0.1																								
	Barium	µg/L	0.02	65.6	65.3	0	95.5	95.6	0	69.7	75.6	8	378	408	8	78.6	75.1	5	75.2	73.1	3	31.7	32.6	3	116	114	2
	Barium (Filtered)	µg/l	0.1																								
	Barium (Filtered)	µg/L	0.02	66.5	67.5	1	98.3	89.4	9	53.3	53.5	0	52.6	51.7	2	80.2	77.2	4	73.2	71.9	2	33.1	32	3	118	118	0
	Beryllium	µg/l	0.1																								
	Beryllium	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	0.032	0.034	6	0.684	0.737	7	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Beryllium (Filtered)	µg/l	0.1																								
	Beryllium (Filtered)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Bismuth	µg/l	0.05																								
	Bismuth	µg/L	0.02																								
	Bismuth	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	0.007	0.007	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
	Bismuth (Filtered)	µg/l	0.05																								

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Field Duplicates (water) Filter: ALL																																			
	Lab Report Number		B322778	B322778	**RPD**	B330896	B330896	**RPD**	B341817	B341817	**RPD**	B352218	B352218	**RPD**	B361290	B361290	**RPD**	B376651	B376651	**RPD**	B388572	B388572	**RPD**	B399472	B399472	**RPD**
	Field ID		H1	H1-DUP		M2	M2-DUP		A3	A3-DUP		M1	M1-DUP		A3	A3-DUP		G2	G2-DUP		A5	A5-DUP		M1	M1-DUP	
	Sampled Date/Time		3/21/2013	3/21/2013		4/17/2013	4/17/2013		5/23/2013	5/23/2013		6/21/2013	6/21/2013		7/17/2013	7/17/2013		8/27/2013	8/27/2013		9/26/2013	9/26/2013		10/24/2013	10/24/2013	
Number of RPDs over standard range					**1**			**4**			**1**			**12**			**9**			**4**			**1**			**4**
Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
Boron	µg/L	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0
Boron	µg/L	20																								
Boron	µg/L	10																								
Boron (Filtered)	µg/L	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0
Boron (Filtered)	µg/L	20																								
Boron (Filtered)	µg/L	10																								
Cadmium	µg/l	0.005	0.015	0.015	0	0.025	0.025	0	0.039	0.047	19	2.66	2.72	2	<0.005	0.007	33	0.014	0.012	15	0.006	0.008	29	0.022	0.024	9
Cadmium (Filtered)	µg/L	0.005	0.011	0.014	24	0.013	0.015	14	<0.005	0.007	33	0.035	0.029	19	0.01	0.006	50	0.011	0.01	10	0.005	<0.005	0	0.017	0.018	6
Calcium	µg/l	50	73800	73600	0	54600	52500	4	29700	26800	10	79800	81900	3	36500	34500	6	36900	35900	3	32800	34100	4	57000	56100	2
Calcium	µg/l	250																								
Calcium	µg/l	10																								
Calcium (Filtered)	µg/l	50	74300	75200	1	52000	51600	1	28200	26800	5	24400	24500	0	34100	33400	2	35900	35300	2	33300	35200	6	57200	56400	1
Calcium (Filtered)	µg/l	10																								
Cesium	µg/l	0.01																								
Cesium (Filtered)	µg/l	0.01																								
Chromium Total (III+VI)	µg/L	0.5																								
Chromium Total (III+VI)	µg/l	0.1	0.13	0.16	21	0.26	0.23	12	0.26	0.24	8	**3.3**	**5.01**	**41**	<0.1	<0.1	0	<0.1	<0.1	0	0.36	0.31	15	0.11	0.1	10
Chromium Total (III+VI) (Filtered)	µg/L	0.1	0.16	0.13	21	0.12	0.13	8	0.11	0.11	0	<0.1	<0.1	0	0.1	<0.1	0	<0.1	<0.1	0	0.26	0.3	14	0.12	0.14	15
Cobalt	µg/l	0.1																								
Cobalt	µg/L	0.01																								
Cobalt	µg/L	0.005	0.028	0.026	7	0.072	0.059	20	0.347	0.399	14	6.38	7.24	13	0.014	0.017	19	0.023	0.02	14	0.01	0.011	10	0.024	0.024	0
Cobalt (Filtered)	µg/l	0.1																								
Cobalt (Filtered)	µg/L	0.005	0.023	0.031	30	0.032	0.033	3	0.016	0.023	36	0.075	0.057	27	0.019	0.013	38	0.01	0.009	11	0.005	0.011	75	0.026	0.026	0
Copper	µg/l	0.5																								
Copper	µg/L	0.2																								
Copper	µg/L	0.05	0.138	0.157	13	0.324	0.356	9	0.756	0.85	12	15.7	17	8	0.218	0.235	8	0.363	0.377	4	0.059	0.126	72	**0.205**	**0.283**	**32**
Copper (Filtered)	µg/l	0.2																								
Copper (Filtered)	µg/L	0.05	0.183	0.227	21	**0.141**	**0.329**	**80**	0.341	0.317	7	0.804	0.737	9	0.204	0.187	9	0.429	0.38	12	0.086	0.122	35	**0.221**	**0.379**	**53**
Iron	µg/L	5																								
Iron	µg/l	10																								
Iron	µg/L	1	14.9	13.2	12	58.3	58.3	0	293	285	3	**3980**	**6310**	**45**	**2.7**	**9.2**	**109**	21.4	20	7	<1	<1	0	16.5	16	3
Iron (Filtered)	µg/l	10																								
Iron (Filtered)	µg/L	1	7.5	6.4	16	4.3	4.5	5	10.9	11.9	9	**78.4**	**53.4**	**38**	**11.4**	**2.1**	**138**	7.1	6.9	3	1.8	<1	57	4.5	5.3	16
Lead	µg/l	0.05																								
Lead	µg/L	0.005	0.011	0.012	9	0.065	0.064	2	0.577	0.658	13	10.2	11.1	8	**0.042**	**0.019**	**75**	0.023	0.016	36	0.015	0.017	13	**0.019**	**0.029**	**42**
Lead (Filtered)	µg/l	0.05																								
Lead (Filtered)	µg/L	0.005	0.009	0.011	20	0.005	0.007	33	0.013	0.011	17	**0.076**	**0.041**	**60**	0.023	0.011	71	0.022	0.006	114	0.007	<0.005	33	0.008	0.014	55
Lithium	µg/l	1																								
Lithium	µg/L	0.5	6.79	6.78	0	4.8	4.77	1	3.52	3.72	6	**3.76**	**5.14**	**31**	6.81	6.5	5	8.79	8.33	5	<0.5	<0.5	0	4.69	4.72	1
Lithium (Filtered)	µg/l	1																								
Lithium (Filtered)	µg/L	0.5	6.7	6.85	2	4.41	4.51	2	3.29	3.63	10	1.61	1.62	1	6.89	6.88	0	8.63	9.14	6	<0.5	<0.5	0	4.7	4.74	1
Magnesium	µg/l	50	35700	36900	3	17600	17300	2	6950	6910	1	16300	16400	1	9430	8940	5	12500	12000	4	12400	13000	5	15700	15700	0
Magnesium	µg/l	5																								
Magnesium	µg/l	250																								
Magnesium	µg/l	10																								
Magnesium (Filtered)	µg/l	50	35700	35400	1	17300	18000	4	6580	6490	1	5840	5780	1	9250	9030	2	12000	12000	0	11600	12200	5	16400	16700	2
Magnesium (Filtered)	µg/l	5																								
Magnesium (Filtered)	µg/l	10																								
Manganese	µg/l	0.1																								
Manganese	µg/L	0.05	1.43	1.28	11	3.2	2.92	9	23.7	29	20	644	664	3	**0.207**	**0.817**	**119**	2.71	2.4	12	<0.05	0.054	8	1.71	1.79	5
Manganese (Filtered)	µg/l	0.1																								
Manganese (Filtered)	µg/L	0.05	0.846	0.745	13	0.627	0.689	9	0.395	0.444	12	5.01	4.48	11	**0.913**	**0.265**	**110**	1.49	1.53	3	<0.05	0.114	78	1.18	1.25	6
Mercury	µg/L	0.01																<0.01	<0.01	0						
Mercury	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	0.011	0.012	9	<0.01	<0.01	0			
Mercury	µg/l	0.005																								
Mercury	µg/L	0.002																						<0.002	<0.002	0
Mercury (Filtered)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0			
Mercury (Filtered)	µg/L	0.01																<0.01	<0.01	0						
Mercury (Filtered)	µg/l	0.005																								
Mercury (Filtered)	µg/L	0.002																						<0.002	<0.002	0
Molybdenum	µg/l	0.05	1.1	0.984	11	0.737	0.708	4	0.264	0.318	19	**0.338**	**0.185**	**59**	0.547	0.56	2	1.58	1.44	9	0.777	0.756	3	0.737	0.706	4
Molybdenum (Filtered)	µg/L	0.05	1.16	1.11	4	0.734	0.76	3	0.36	0.38	5	0.582	0.575	1	0.589	0.566	4	1.55	1.4	10	0.759	0.734	3	0.748	0.714	5
Nickel	µg/l	0.5																								
Nickel	µg/L	0.1																								
Nickel	µg/L	0.02	**0.393**	**0.552**	**34**	0.668	0.618	8	1.05	1.04	1	17.7	22	22	**0.254**	**0.155**	**48**	0.356	0.308	14	0.098	0.101	3	0.512	0.529	3
Nickel (Filtered)	µg/l	0.5																								
Nickel (Filtered)	µg/L	0.02	0.399	0.398	0	0.554	0.653	16	0.308	0.398	25	0.732	0.716	2	0.199	0.176	12	0.334	0.273	20	0.096	0.098	2	0.54	0.486	11
Potassium	µg/l	50	856	874	2	668	653	2	416	422	1	1070	1200	11	477	450	6	674	652	3	204	232	13	683	701	3
Potassium	µg/l	250																								
Potassium	µg/l	10																								
Potassium (Filtered)	µg/l	50	857	837	2	699	642	9	364	384	5	782	760	3	498	485	3	632	672	6	206	212	3	741	722	3
Potassium (Filtered)	µg/l	100																								
Potassium (Filtered)	µg/l	10																								
Rubidium	µg/l	0.2																								
Rubidium (Filtered)	µg/l	0.2																								
Selenium	µg/l	0.05																								
Selenium	µg/L	0.04	25.8	26.3	2	5.79	5.84	1	0.296	0.366	21	1.03	0.895	14	0.57	0.587	3	0.309	0.326	5	1.1	1.21	10	2.17	2.28	5
Selenium (Filtered)	µg/l	0.05																								
Selenium (Filtered)	µg/L	0.04	26.8	25.9	3	5.11	5.79	12	**0.29**	**0.451**	**43**	0.92	1.08	16	0.605	0.451	29	0.299	0.264	12	1.14	1.2	5	2.21	2.17	2
Silicon	µg/L	50																								
Silicon	µg/l	100	2090	2100	0	2190	2130	3	2150	1990	8	4250	5440	25	2330	2340	0	2790	2750	1	1760	1840	4	1890	1920	2
Silicon (Filtered)	µg/L	50																								
Silicon (Filtered)	µg/L	100	2010	2020	0	2120	2070	2	1990	1970	1	2130	2150	1	2070	2120	2	2570	2540	1	1780	1850	4	1810	1820	1
Silver	µg/l	0.01																								
Silver	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	0.046	0.048	4	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
Silver (Filtered)	µg/l	0.01																								
Silver (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
Sodium	µg/l	50	2030	2070	2	3150	3090	2	1160	1230	6	1190	1200	1	2440	2340	4	3450	3450	0	236	252	7	3120	3110	0
Sodium	µg/l	250																								
Sodium	µg/l	10																								
Sodium (Filtered)	µg/l	50	2020	2000	1	3060	3200	4	1110	1190	7	1090	1070	2	2390	2380	0	3430	3340	3	220	230	4	3360	3360	0
Sodium (Filtered)	µg/l	10																								
Strontium	µg/l	0.2																								
Strontium	µg/L	0.05	147	147	0	138	139	1	96.4	102	6	138	139	1	151	143	5	161	152	6	32.9	33.6	2	145	138	5

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Field Duplicates (water) Filter: ALL			**Lab Report Number**	B322778	B322778		B330896	B330896		B341817	B341817		B352218	B352218		B361290	B361290		B376651	B376651		B388572	B388572		B399472	B399472	
			Field ID	H1	H1-DUP		M2	M2-DUP		A3	A3-DUP		M1	M1-DUP		A3	A3-DUP		G2	G2-DUP		A5	A5-DUP		M1	M1-DUP	
			Sampled Date/Time	3/21/2013	3/21/2013	**RPD**	4/17/2013	4/17/2013	**RPD**	5/23/2013	5/23/2013	**RPD**	6/21/2013	6/21/2013	**RPD**	7/17/2013	7/17/2013	**RPD**	8/27/2013	8/27/2013	**RPD**	9/26/2013	9/26/2013	**RPD**	10/24/2013	10/24/2013	**RPD**
Number of RPDs over standard range						**1**			**4**			**1**			**12**			**9**			**4**			**1**			**4**
	Strontium (Filtered)	µg/l	0.2																								
	Strontium (Filtered)	µg/L	0.05	152	155	2	136	133	2	94.3	97.1	3	64.2	62.5	3	149	146	2	159	157	1	34.1	33.2	3	153	154	1
	Tellurium	µg/l	0.2																								
	Tellurium (Filtered)	µg/l	0.2																								
	Thallium	µg/l	0.01																								
	Thallium	µg/L	0.002	0.004	0.005	22	0.006	0.006	0	0.007	0.007	0	**0.071**	**0.11**	**43**	<0.002	0.002	0	0.008	0.008	0	0.003	0.004	29	0.004	0.004	0
	Thallium (Filtered)	µg/l	0.01																								
	Thallium (Filtered)	µg/L	0.002	0.004	0.004	0	<0.002	0.006	100	<0.002	<0.002	0	0.006	0.004	40	<0.002	<0.002	0	0.005	0.006	18	0.002	0.003	40	0.004	0.004	0
	Thorium	µg/l	0.1																								
	Thorium (Filtered)	µg/l	0.1																								
	Tin	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	0.25	22	<0.2	<0.2	0	<0.2	<0.2	0
	Tin	µg/l	0.1																								
	Tin (Filtered)	µg/L	0.2	0.26	0.26	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Tin (Filtered)	µg/l	0.1																								
	Titanium	µg/L	5																								
	Titanium	µg/l	1.5																								
	Titanium	µg/L	0.5	<0.5	<0.5	0	**0.86**	**4.7**	**138**	0.89	0.68	27	4.28	3.63	16	<0.5	<0.5	0	0.69	0.73	6	<0.5	<0.5	0	<0.5	0.9	57
	Titanium	µg/l	0.3																								
	Titanium (Filtered)	µg/L	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	**2.71**	**1.81**	**40**	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Titanium (Filtered)	µg/l	0.3																								
	Tungsten	µg/l	0.1																								
	Tungsten (Filtered)	µg/l	0.1																								
	Uranium	µg/l	0.01																								
	Uranium	µg/L	0.005																								
	Uranium	µg/L	0.002	2.24	2.16	4	0.824	0.82	0	0.187	0.178	5	1.67	1.77	6	0.207	0.204	1	0.218	0.211	3	0.634	0.623	2	0.673	0.656	3
	Uranium (Filtered)	µg/l	0.01																								
	Uranium (Filtered)	µg/L	0.002	2.18	2.19	0	0.741	0.762	3	0.166	0.139	18	0.343	0.319	7	0.21	0.206	2	0.218	0.207	5	0.644	0.602	7	0.689	0.704	2
	Vanadium	µg/l	0.5																								
	Vanadium	µg/L	0.2	<0.2	<0.2	0	0.39	0.36	8	0.43	0.5	15	13.4	16.6	21	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.2	0.23	14
	Vanadium (Filtered)	µg/l	0.5																								
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.63	0.52	19	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.21	<0.2	5
	Zinc	µg/l	3																								
	Zinc	µg/L	1																								
	Zinc	µg/L	0.1	0.48	0.45	6	0.84	1.04	21	2.66	3	12	64.2	76.6	18	0.3	0.33	10	0.49	0.5	2	0.35	0.41	16	0.7	0.62	12
	Zinc (Filtered)	µg/l	1																								
	Zinc (Filtered)	µg/L	0.1	0.45	0.43	5	0.34	0.39	14	0.49	0.38	25	**1.03**	**0.68**	**41**	**0.56**	**0.33**	**52**	**0.45**	**0.67**	**39**	0.35	0.45	25	0.44	0.51	15
	Zirconium	µg/l	0.2																								
	Zirconium	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	0.97	0.87	11	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Zirconium	µg/l	0.06																								
	Zirconium (Filtered)	µg/l	0.2																								
	Zirconium (Filtered)	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	0.32	0.27	17	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Zirconium (Filtered)	µg/l	0.06																								
Polycyclic	1-Methylnaphthalene	µg/l	0.05																								
	2-Methylnaphthalene	µg/L	0.1																								
	2-Methylnaphthalene	µg/l	0.05																								
	Acenaphthene	µg/L	0.05																								
	Acenaphthene	µg/l	0.01																								
	Acenaphthylene	µg/L	0.05																								
	Acenaphthylene	µg/l	0.01																								
	Acridine	µg/L	0.05																								
	Acridine	µg/l	0.01																								
	Anthracene	µg/l	0.01																								
	Benzo(a)anthracene	µg/l	0.01																								
	Benzo(a) pyrene	µg/L	0.009																								
	Benzo(a) pyrene	µg/l	0.005																								
	Benzo(b+j)fluoranthene	µg/L	0.05																								
	Benzo(b+j)fluoranthene	µg/l	0.01																								
	Benzo(b & k)fluoranthene	µg/l	0.015																								
	Benzo(g,h,i)perylene	µg/L	0.05																								
	Benzo(g,h,i)perylene	µg/l	0.01																								
	Benzo(k)fluoranthene	µg/L	0.05																								
	Benzo(k)fluoranthene	µg/l	0.01																								
	Chrysene	µg/L	0.05																								
	Chrysene	µg/l	0.01																								
	Dibenz(a,h)anthracene	µg/L	0.05																								
	Dibenz(a,h)anthracene	µg/l	0.005																								
	Fluoranthene	µg/L	0.02																								
	Fluoranthene	µg/l	0.01																								
	Fluorene	µg/L	0.05																								
	Fluorene	µg/l	0.01																								
	Indeno(1,2,3-c,d)pyrene	µg/L	0.05																								
	Indeno(1,2,3-c,d)pyrene	µg/l	0.01																								
	Naphthalene	µg/L	0.1																								
	Naphthalene	µg/l	0.05																								
	Phenanthrene	µg/L	0.05																								
	Phenanthrene	µg/l	0.02																								
	Pyrene	µg/L	0.02																								
	Pyrene	µg/l	0.01																								
	Quinoline	µg/L	0.5																								
	Quinoline	µg/L	0.24																								
	Quinoline	µg/l	0.05																								
	Light Molecular Weight (PAH Sum)	µg/L	0.5																								
	Light Molecular Weight (PAH Sum)	µg/L	0.24																								
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05																								
	PAHs (Sum of total)	µg/L	0.5																								
	PAHs (Sum of total)	µg/L	0.24																								

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Field Duplicates (water)
Filter: ALL

	Lab Report Number	B3A8725	B3A8725	**RPD**	B3B7782	B3B7782	**RPD**	B407313	B407313	**RPD**	B416171	B416171	**RPD**	B424928	B424928	**RPD**	B432952	B432952	**RPD**	B439804	B439804	**RPD**	B442060	B442060	**RPD**
	Field ID	A4	A4-DUP		A1	A1-DUP		A1	A1-DUP		H1	H1-DUP		G2	G2-DUP		M1	M1-DUP		G2	G2-DUP		G1	G1-DUP	
	Sampled Date/Time	11/21/2013	11/21/2013		12/22/2013	12/22/2013		1/28/2014	1/28/2014		2/27/2014	2/27/2014		3/28/2014	3/28/2014		4/24/2014	4/24/2014		5/16/2014	5/16/2014		5/23/2014	5/23/2014	
Number of RPDs over standard range				**1**			**3**			**2**			**3**			**3**			**3**			**4**			**7**
Chemical	**Chemical Name**	**Units**	**EQL**																						
Calculated	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																						
	Alkalinity (Carbonate as CaCO3)	µg/l	500																						
	Alkalinity (Carbonate as CaCO3)	µg/l	1000																						
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																						
	Alkalinity (total) as CaCO3	µg/l	500	115000	121000	5	160000	158000	1	160000	159000	1	185000	185000	0	156000	155000	1	127000	124000	2	127000	126000	1	84900	85300	0
	Alkalinity (total) as CaCO3	µg/l	1000																						
	Sulphur (as S)	µg/l	500																						
	Sulphur (as S)	µg/l	3000	8800	10400	17	4700	6400	31	5100	4500	13	58300	54800	6	10300	10400	1	17700	18300	3	4700	4900	4	3500	3800	8
	Sulphur (as S)	µg/l	2000																						
	Sulphur (as S)	µg/l	15000																						
	Sulphur (as S)	µg/l	10000																						
	Sulphur (as S) (Filtered)	µg/l	500																						
	Sulphur (as S) (Filtered)	µg/l	3000	9200	9200	0	6600	5500	18	4700	5200	10	54700	56900	4	9800	10300	5	18400	18500	1	5300	4800	10	3300	<3000	10
	Sulphur (as S) (Filtered)	µg/l	2000																						
	Sulphur (as S) (Filtered)	µg/l	10000																						
	Hardness as CaCO3	µg/l	500																						
	Hardness as CaCO3 (Filtered)	µg/l	500	140000	144000	3	163000	165000	1	181000	172000	5	356000	367000	3	192000	190000	1	191000	179000	6	145000	143000	1	89700	93400	4
Parameters																											
Physical P	Filter and Preserve	-		999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0
operties																											
General C	Bicarbonate	µg/l	500	140000	147000	5	196000	193000	2	195000	195000	0	222000	221000	0	187000	186000	1	152000	149000	2	155000	154000	1	104000	104000	0
	Carbonate	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	2160	2590	18	1490	1990	29	1740	1250	33	<500	<500	0	<500	<500	0
	Hydroxide	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0
	phenolphthalein alkalinity	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	1800	2160	18	1240	1660	29	1450	1040	33	<500	<500	0	<500	<500	0
	Ammonia	µg/l	5	**16**	**28**	**55**	18	14	25	8.6	8.9	3	11	16	37	11	15	31	9.2	6.3	37	26	30	14	10	8.3	19
	Ammonia (as N)	µg/l	5																								
	Kjeldahl Nitrogen Total	µg/l	50																								
	Nitrate (as N)	µg/l	5																								
	Nitrate (as N)	µg/l	20	95	98	3	91	89	2	81	78	4	1030	1040	1	97	100	3	255	256	0	139	142	2	25	23	8
	Nitrate (as NO3-)	µg/l	20																								
	Nitrate + Nitrite (as N)	µg/l	5.1																								
	Nitrate + Nitrite (as N)	µg/l	20	95	98	3	91	89	2	81	78	4	1030	1040	1	97	100	3	255	256	0	139	142	2	31	28	10
	Nitrite (as N)	µg/l	5	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	5.6	5.1	9
	Nitrite (as N)	µg/l	1																								
	Nitrogen (N)	µg/l	20																								
	Phosphorus	µg/l	50																								
	Phosphorus	µg/l	5 : 50 (Dupe)																								
	Phosphorus	µg/l	5	6.3	6	5	<5	<5	0	<5	<5	0	6.2	5.6	10	<5	<5	0	31.1	32.6	5	81.8	72.7	12	162	170	5
	Phosphorus	µg/l	2																								
	Phosphorus (Filtered)	µg/l	50																								
	Ortho Phosphorus (as P)	µg/l	5	<5	<5	0	<5	<5	0	<5	<5	0	5.1	5.3	4	<5	<5	0	16.7	19.4	15	8.2	8.7	6	**27.4**	**13.5**	**68**
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																								
	Electrical conductivity (lab)	µS/cm	2																								
	Electrical conductivity (lab)	µS/cm	1	276	289	5	332	331	0	339	338	0	669	669	0	348	350	1	352	352	0	265	266	0	180	181	1
	Chloride	µg/l	500																								
	Chloride (Filtered)	µg/l	500	<500	860	53	1300	1400	7	1400	1200	15	1700	1900	11	870	870	0	2100	2200	5	510	<500	2	<500	530	6
	Fluoride	µg/l	20																								
	Fluoride	µg/l	10	280	300	7	150	140	7	160	170	6	250	250	0	260	260	0	130	120	8	120	120	0	71	71	0
	Bromide	µg/l	50										<50	<50	0												
	Bromide	µg/l	10 : 100 (Dupe)																<10	<100	0						
	Bromide	µg/l	10	<10	<10	0	<10	<10	0	<10	<10	0				<10	<10	0				<10	<10	0	<10	<10	0
	Dissolved Organic Carbon (Filtered)	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	800	1240	43	960	<500	63	2150	1990	8	2360	2010	16	6090	6350	4
	Total Organic Carbon (TOC)	µg/l	500	930	1040	11	<500	680	31	1510	<500	100	1250	1320	5	<500	1060	72	3080	2700	13	**3940**	**2650**	**39**	**6200**	**10200**	**49**
	pH (Lab)	pH Unit	0.1																								
	pH (Lab)	pH Unit		8.17	8.18	0	8.25	8.25	0	8.23	8.27	0	8.33	8.35	0	8.34	8.34	0	8.32	8.32	0	8.17	8.2	0	8.07	8.07	0
	Sulphate (SO4)	µg/l	300																								
	Sulphate (SO4) (Filtered)	µg/l	500	28000	37000	28	17300	17500	1	17700	17900	1	178000	180000	1	34400	31700	8	50400	50500	0	14400	14500	1	9740	9650	1
	Hardness	µg/l	500	145000	149000	3	167000	166000	1	174000	173000	1	360000	355000	1	187000	187000	0	183000	181000	1	142000	144000	1	105000	104000	1
	Dissolved Hardness (Filtered)	µg/l	500																								
	Total Suspended Solids (TSS)	µg/l	5000 : 4000 (Dupe)																						43500	49500	13
	Total Suspended Solids (TSS)	µg/l	3000																								
	Total Suspended Solids (TSS)	µg/l	20000																								
	Total Suspended Solids (TSS)	µg/l	1000 : 2000 (Dupe)																								
	Total Suspended Solids (TSS)	µg/l	1000	<1000	<1000	0	<1000	<1000	0	<1000	<1000	0	<1000	<1000	0	<1000	<1000	0	14800	12700	15	30300	27700	9			
	Turbidity	NTU	0.1	<0.1	<0.1	0	0.36	0.26	32	0.27	0.36	29	0.25	0.26	4	<0.1	<0.1	0	8.71	8.39	4	10.8	9.6	12	24.7	27.2	10
emistry																											
Metals	Sulfur (Filtered)	ug/L	3000																								
	Aluminium	µg/l	3																								
	Aluminium	µg/L	0.5	13.4	14	4	8	6.1	27	4.66	6.11	27	**2.64**	**4.69**	**56**	1.57	1.86	17	**156**	**242**	**43**	168	162	4	292	352	19
	Aluminium	µg/L	0.2																								
	Aluminium (Filtered)	µg/l	1																								
	Aluminium (Filtered)	µg/L	0.5	1.37	1.42	4	1.72	<0.5	110	0.66	0.6	10	1.72	0.8	73	<0.5	<0.5	0	3.53	4.45	23	5.63	7.5	28	17.3	16.4	5
	Aluminium (Filtered)	µg/L	0.2																								
	Antimony	µg/l	0.1																								
	Antimony	µg/L	0.05																								
	Antimony	µg/L	0.02	0.02	0.027	30	0.031	0.033	6	0.029	0.029	0	0.055	0.051	8	0.024	0.029	19	0.107	0.112	5	0.045	0.04	12	0.051	0.056	9
	Antimony (Filtered)	µg/l	0.1																								
	Antimony (Filtered)	µg/L	0.02	0.022	0.025	13	0.03	0.03	0	0.029	0.027	7	0.06	0.053	12	0.028	0.028	0	0.107	0.107	0	0.033	0.034	3	0.034	0.034	0
	Arsenic	µg/l	0.1																								
	Arsenic	µg/L	0.02	0.123	0.12	2	0.113	0.111	2	0.09	0.105	15	0.124	0.116	7	0.079	0.098	21	0.263	0.265	1	0.265	0.257	3	0.429	0.494	14
	Arsenic (Filtered)	µg/l	0.1																								
	Arsenic (Filtered)	µg/L	0.02	0.122	0.127	4	0.1	0.096	4	0.095	0.11	15	0.131	0.121	8	0.09	0.097	7	0.201	0.189	6	0.126	0.126	0	0.13	0.141	8
	Barium	µg/l	0.1																								
	Barium	µg/L	0.02	35.2	36.9	5	69.9	70.8	1	75.3	73.6	2	66.3	66	0	68.9	68.4	1	107	108	1	67	70.2	5	70.8	74.5	5
	Barium (Filtered)	µg/l	0.1																								
	Barium (Filtered)	µg/L	0.02	31.8	32.4	2	66.1	66.9	1	72.6	73.8	2	67.8	66.7	2	68.3	67.6	1	95.7	101	5	61.3	62.1	1	41.7	40.9	2
	Beryllium	µg/l	0.1																								
	Beryllium	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	0.012	18	0.021	0.017	21	**0.051**	**0.074**	**37**
	Beryllium (Filtered)	µg/l	0.1																								
	Beryllium (Filtered)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Bismuth	µg/l	0.05																								
	Bismuth	µg/L	0.02																								
	Bismuth	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	0.006	0.005	18	0.008	0.014	55
	Bismuth (Filtered)	µg/l	0.05																								

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Field Duplicates (water) Filter: ALL																																
	Lab Report Number		B3A8725	B3A8725	**RPD**	B3B7782	B3B7782	**RPD**	B407313	B407313	**RPD**	B416171	B416171	**RPD**	B424928	B424928	**RPD**	B432952	B432952	**RPD**	B439804	B439804	**RPD**	B442060	B442060	**RPD**
	Field ID		A4	A4-DUP		A1	A1-DUP		A1	A1-DUP		H1	H1-DUP		G2	G2-DUP		M1	M1-DUP		G2	G2-DUP		G1	G1-DUP	
	Sampled Date/Time		11/21/2013	11/21/2013		12/22/2013	12/22/2013		1/28/2014	1/28/2014		2/27/2014	2/27/2014		3/28/2014	3/28/2014		4/24/2014	4/24/2014		5/16/2014	5/16/2014		5/23/2014	5/23/2014	
	Number of RPDs over standard range				**1**			**3**			**2**			**3**			**3**			**3**			**4**			**7**
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
	Boron	µg/L	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0
	Boron	µg/L	20																								
	Boron	µg/L	10																								
	Boron (Filtered)	µg/L	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0
	Boron (Filtered)	µg/L	20																								
	Boron (Filtered)	µg/L	10																								
	Cadmium	µg/l	0.005	0.007	0.009	25	0.007	0.007	0	0.005	0.006	18	0.013	0.015	14	0.006	0.005	18	0.056	0.063	12	0.049	0.048	2	**0.108**	**0.147**	**31**
	Cadmium (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	0.005	0	<0.005	0.005	0	0.012	0.013	8	0.006	<0.005	18	0.021	0.02	5	0.007	0.008	13	0.012	0.011	9
	Calcium	µg/l	50	38500	39600	3	46500	45700	2	48900	48100	2	81600	79300	3	48200	48100	0	49800	49400	1	37300	38400	3	28400	27500	3
	Calcium	µg/l	250																								
	Calcium	µg/l	10																								
	Calcium (Filtered)	µg/l	50	36800	38000	3	45000	45700	2	51900	48400	7	79000	82200	4	50000	49600	1	54300	48300	12	37100	36800	1	22800	24200	6
	Calcium (Filtered)	µg/l	10																								
	Cesium	µg/l	0.01																								
	Cesium (Filtered)	µg/l	0.01																								
	Chromium Total (III+VI)	µg/L	0.5																								
	Chromium Total (III+VI)	µg/l	0.1	0.2	0.26	26	0.18	0.19	5	<0.1	0.12	18	0.14	0.14	0	0.2	0.18	11	0.27	0.36	29	0.5	0.38	27	0.33	0.41	22
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	0.27	0.27	0	0.2	0.22	10	<0.1	0.12	18	0.15	0.15	0	0.14	0.17	19	<0.1	<0.1	0	0.19	0.19	0	0.18	<0.1	57
	Cobalt	µg/l	0.1																								
	Cobalt	µg/L	0.01																								
	Cobalt	µg/L	0.005	<0.005	0.009	57	0.018	0.017	6	0.012	0.015	22	0.025	0.021	17	0.007	0.008	13	0.147	0.151	3	0.215	0.212	1	0.638	0.753	17
	Cobalt (Filtered)	µg/l	0.1																								
	Cobalt (Filtered)	µg/L	0.005	0.005	0.008	46	0.015	0.012	22	0.006	0.006	0	0.018	0.018	0	0.009	0.008	12	0.055	0.056	2	0.021	0.026	21	0.03	0.024	22
	Copper	µg/l	0.5																								
	Copper	µg/L	0.2																								
	Copper	µg/L	0.05	0.085	0.081	5	**0.285**	**0.152**	**61**	0.187	0.151	21	0.282	0.218	26	0.187	0.115	48	**1.2**	**0.68**	**55**	1.31	1.01	26	1.72	1.97	14
	Copper (Filtered)	µg/l	0.2																								
	Copper (Filtered)	µg/L	0.05	0.098	0.243	85	0.105	0.101	4	0.093	0.112	19	0.19	0.156	20	0.117	0.15	25	0.436	0.466	7	**0.482**	**0.672**	**33**	0.501	0.493	2
	Iron	µg/L	5																								
	Iron	µg/l	10																								
	Iron	µg/L	1	1.6	2.5	44	17	16.9	1	15.8	20.8	27	7.7	8.5	10	1.9	2.7	35	137	151	10	332	337	1	726	850	16
	Iron (Filtered)	µg/l	10																								
	Iron (Filtered)	µg/L	1	<1	<1	0	**3.7**	**5.7**	**43**	8.1	7	15	3.5	1.9	59	<1	1.2	18	10.8	10	8	13.8	12.6	9	27.6	21.7	24
	Lead	µg/l	0.05																								
	Lead	µg/L	0.005	0.017	0.019	11	**0.044**	**0.018**	**84**	0.016	0.018	12	0.007	0.009	25	<0.005	<0.005	0	0.174	0.186	7	0.412	0.384	7	1.06	1.42	29
	Lead (Filtered)	µg/l	0.05																								
	Lead (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	0.009	<0.005	57	0.005	<0.005	0	0.006	0.015	86	0.007	0.012	53	**0.033**	**0.012**	**93**
	Lithium	µg/l	1																								
	Lithium	µg/L	0.5	1.13	1.42	23	4.1	4.12	0	3.85	3.75	3	6.31	6.57	4	4.47	4.39	2	4.18	4.19	0	5.07	4.58	10	3.89	4.17	7
	Lithium (Filtered)	µg/l	1																								
	Lithium (Filtered)	µg/L	0.5	1.35	1.54	13	4.21	4.11	2	3.85	3.8	1	6.69	6.37	5	4.76	4.96	4	3.92	3.82	3	4.22	4.37	3	3.42	3.27	4
	Magnesium	µg/l	50	11900	12200	2	12400	12600	2	12700	12800	1	38000	38100	0	16200	16100	1	14200	14000	1	12000	11800	2	8300	8510	2
	Magnesium	µg/l	5																								
	Magnesium	µg/l	250																								
	Magnesium	µg/l	10																								
	Magnesium (Filtered)	µg/l	50	11800	11800	0	12200	12400	2	12500	12400	1	38500	39300	2	16200	16200	0	13400	14100	5	12600	12400	2	7970	8000	0
	Magnesium (Filtered)	µg/l	5																								
	Magnesium (Filtered)	µg/l	10																								
	Manganese	µg/l	0.1																								
	Manganese	µg/L	0.05	0.092	0.182	66	1.36	1.31	4	1.35	1.79	28	0.9	0.903	0	0.122	0.178	37	7.3	7.54	3	22.8	21.9	4	61.3	72	16
	Manganese (Filtered)	µg/l	0.1																								
	Manganese (Filtered)	µg/L	0.05	0.067	0.054	21	0.726	0.804	10	0.922	1.04	12	0.275	0.278	1	<0.05	<0.05	0	1.2	1.14	5	0.614	0.642	4	1.02	0.949	7
	Mercury	µg/L	0.01																								
	Mercury	µg/L	0.01	<0.01	<0.01	0																					
	Mercury	µg/l	0.005																								
	Mercury	µg/L	0.002				<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	0.0024	18	0.002	<0.002	0
	Mercury (Filtered)	µg/L	0.01																								
	Mercury (Filtered)	µg/L	0.01																								
	Mercury (Filtered)	µg/l	0.005																								
	Mercury (Filtered)	µg/L	0.002	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	0.0035	55	0.0027	0.0027	0
	Molybdenum	µg/l	0.05	0.755	0.805	6	0.749	0.672	11	0.668	0.64	4	1.1	1.06	4	1.74	1.68	4	0.679	0.688	1	0.78	0.801	3	0.581	0.56	4
	Molybdenum (Filtered)	µg/L	0.05	0.866	0.856	1	0.674	0.675	0	0.685	0.675	1	1.1	1.08	2	1.77	1.74	2	0.699	0.701	0	0.903	0.906	0	0.642	0.642	0
	Nickel	µg/l	0.5																								
	Nickel	µg/L	0.1																								
	Nickel	µg/L	0.02	0.214	0.258	19	0.097	0.098	1	**0.221**	**0.138**	**46**	0.384	0.366	5	**0.337**	**0.094**	**113**	0.992	1.07	8	1	0.914	9	2.01	2.33	15
	Nickel (Filtered)	µg/l	0.5																								
	Nickel (Filtered)	µg/L	0.02	0.208	0.189	10	0.106	0.083	24	0.111	0.104	7	0.344	0.404	16	**0.109**	**0.212**	**64**	0.68	0.653	4	0.294	0.371	23	0.472	0.451	5
	Potassium	µg/l	50	257	287	11	396	413	4	425	417	2	764	739	3	508	524	3	704	730	4	500	496	1	499	509	2
	Potassium	µg/l	250																								
	Potassium	µg/l	10																								
	Potassium (Filtered)	µg/l	50	231	240	4	403	399	1	412	415	1	772	759	2	503	508	1	686	706	3	480	483	1	426	415	3
	Potassium (Filtered)	µg/l	100																								
	Potassium (Filtered)	µg/l	10																								
	Rubidium	µg/l	0.2																								
	Rubidium (Filtered)	µg/l	0.2																								
	Selenium	µg/l	0.05																								
	Selenium	µg/L	0.04	1.05	1.02	3	0.611	0.64	5	0.576	0.61	6	27.4	27.9	2	2.63	2.67	2	1.81	1.87	3	0.888	0.903	2	0.33	0.271	20
	Selenium (Filtered)	µg/l	0.05																								
	Selenium (Filtered)	µg/L	0.04	0.875	0.85	3	0.669	0.604	10	0.632	0.588	7	28	28.1	0	2.75	2.64	4	2.09	1.74	18	0.878	0.893	2	0.263	0.287	9
	Silicon	µg/L	50																								
	Silicon	µg/l	100	1570	1630	4	2210	2160	2	2370	2350	1	2290	2310	1	2590	2560	1	2740	2650	3	2770	2750	1	2970	2810	6
	Silicon (Filtered)	µg/L	50																								
	Silicon (Filtered)	µg/L	100	1600	1670	4	2270	2220	2	2490	2300	8	2260	2360	4	2630	2600	1	2750	2550	8	2640	2650	0	2300	2470	7
	Silver	µg/l	0.01																								
	Silver	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	0.007	0.009	25	0.005	0.005	0	0.011	0.015	31
	Silver (Filtered)	µg/l	0.01																								
	Silver (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
	Sodium	µg/l	50	498	517	4	1770	1690	5	1840	1880	2	1990	1990	0	2040	1980	3	3350	3330	1	1800	1840	2	1470	1440	2
	Sodium	µg/l	250																								
	Sodium	µg/l	10																								
	Sodium (Filtered)	µg/l	50	478	505	5	1680	1670	1	1850	1850	0	2010	2060	2	2010	2020	0	3410	3280	4	1800	1700	6	1460	1420	3
	Sodium (Filtered)	µg/l	10																								
	Strontium	µg/l	0.2																								
	Strontium	µg/L	0.05	92.3	97.5	5	129	129	0	134	129	4	157	158	1	123	126	2	138	140	1	120	121	1	105	108	3

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Field Duplicates (water)
Filter: ALL

			Lab Report Number	B3A8725	B3A8725	**RPD**	B3B7782	B3B7782	**RPD**	B407313	B407313	**RPD**	B416171	B416171	**RPD**	B424928	B424928	**RPD**	B432952	B432952	**RPD**	B439804	B439804	**RPD**	B442060	B442060	**RPD**
			Field ID	A4	A4-DUP		A1	A1-DUP		A1	A1-DUP		H1	H1-DUP		G2	G2-DUP		M1	M1-DUP		G2	G2-DUP		G1	G1-DUP	
			Sampled Date/Time	11/21/2013	11/21/2013		12/22/2013	12/22/2013		1/28/2014	1/28/2014		2/27/2014	2/27/2014		3/28/2014	3/28/2014		4/24/2014	4/24/2014		5/16/2014	5/16/2014		5/23/2014	5/23/2014	
Number of RPDs over standard range						**1**			**3**			**2**			**3**			**3**			**3**			**4**			**7**
	Strontium (Filtered)	µg/l	0.2																								
	Strontium (Filtered)	µg/L	0.05	90.1	94.1	4	124	125	1	135	126	7	163	160	2	132	133	1	140	134	4	118	126	7	94.8	95.5	1
	Tellurium	µg/l	0.2																								
	Tellurium (Filtered)	µg/l	0.2																								
	Thallium	µg/l	0.01																								
	Thallium	µg/L	0.002	0.004	0.005	22	0.002	0.002	0	<0.002	<0.002	0	0.004	0.004	0	0.002	<0.002	0	**0.008**	**0.011**	**32**	0.013	0.013	0	0.03	0.035	15
	Thallium (Filtered)	µg/l	0.01																								
	Thallium (Filtered)	µg/L	0.002	0.003	0.003	0	0.002	<0.002	0	<0.002	<0.002	0	0.003	0.003	0	<0.002	<0.002	0	0.003	0.004	29	0.003	0.004	29	0.004	0.004	0
	Thorium	µg/l	0.1																								
	Thorium (Filtered)	µg/l	0.1																								
	Tin	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Tin	µg/l	0.1																								
	Tin (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.24	<0.2	18	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Tin (Filtered)	µg/l	0.1																								
	Titanium	µg/L	5																								
	Titanium	µg/l	1.5																								
	Titanium	µg/L	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	5.8	5.66	2	**1.39**	**3.86**	**94**	2.44	1.75	33
	Titanium	µg/l	0.3																								
	Titanium (Filtered)	µg/L	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	0.57	<0.5	13
	Titanium (Filtered)	µg/l	0.3																								
	Tungsten	µg/l	0.1																								
	Tungsten (Filtered)	µg/l	0.1																								
	Uranium	µg/l	0.01																								
	Uranium	µg/L	0.005																								
	Uranium	µg/L	0.002	0.803	0.864	7	0.581	0.589	1	0.59	0.577	2	2.29	2.26	1	1.47	1.46	1	0.629	0.651	3	0.573	0.577	1	0.165	0.185	11
	Uranium (Filtered)	µg/l	0.01																								
	Uranium (Filtered)	µg/L	0.002	0.776	0.831	7	0.563	0.561	0	0.58	0.593	2	2.26	2.25	0	1.48	1.45	2	0.613	0.635	4	0.533	0.528	1	0.09	0.093	3
	Vanadium	µg/l	0.5																								
	Vanadium	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.72	0.93	25	0.43	0.43	0	0.75	0.71	5
	Vanadium (Filtered)	µg/l	0.5																								
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	0.22	10	<0.2	<0.2	0	<0.2	<0.2	0
	Zinc	µg/l	3																								
	Zinc	µg/L	1																								
	Zinc	µg/L	0.1	2	2.1	5	0.25	0.29	15	**0.53**	**0.28**	**62**	**0.59**	**2.29**	**118**	**1.59**	**0.22**	**151**	1.92	1.9	1	3.02	2.37	24	**5.9**	**8.31**	**34**
	Zinc (Filtered)	µg/l	1																								
	Zinc (Filtered)	µg/L	0.1	0.87	0.88	1	0.2	0.17	16	0.23	0.27	16	**0.44**	**0.8**	**58**	0.21	0.18	15	0.36	0.49	31	**0.34**	**0.58**	**52**	**0.89**	**0.5**	**56**
	Zirconium	µg/l	0.2																								
	Zirconium	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	0.17	0.28	49	<0.1	<0.1	0	0.2	0.18	11
	Zirconium	µg/l	0.06																								
	Zirconium (Filtered)	µg/l	0.2																								
	Zirconium (Filtered)	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	0.11	<0.1	10	<0.1	<0.1	0	0.13	0.14	7
	Zirconium (Filtered)	µg/l	0.06																								
Polycyclic	1-Methylnaphthalene	µg/l	0.05																								
	2-Methylnaphthalene	µg/L	0.1							<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	2-Methylnaphthalene	µg/l	0.05																								
	Acenaphthene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acenaphthene	µg/l	0.01																								
	Acenaphthylene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acenaphthylene	µg/l	0.01																								
	Acridine	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acridine	µg/l	0.01																								
	Anthracene	µg/l	0.01							<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Benzo(a)anthracene	µg/l	0.01							<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Benzo(a) pyrene	µg/L	0.009							<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0
	Benzo(a) pyrene	µg/l	0.005																								
	Benzo(b+j)fluoranthene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(b+j)fluoranthene	µg/l	0.01																								
	Benzo(b & k)fluoranthene	µg/l	0.015																								
	Benzo(g,h,i)perylene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(g,h,i)perylene	µg/l	0.01																								
	Benzo(k)fluoranthene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(k)fluoranthene	µg/l	0.01																								
	Chrysene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Chrysene	µg/l	0.01																								
	Dibenz(a,h)anthracene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Dibenz(a,h)anthracene	µg/l	0.005																								
	Fluoranthene	µg/L	0.02							<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0
	Fluoranthene	µg/l	0.01																								
	Fluorene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Fluorene	µg/l	0.01																								
	Indeno(1,2,3-c,d)pyrene	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Indeno(1,2,3-c,d)pyrene	µg/l	0.01																								
	Naphthalene	µg/L	0.1							<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Naphthalene	µg/l	0.05																								
	Phenanthrene	µg/L	0.05							0.056	0.082	38	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Phenanthrene	µg/l	0.02																								
	Pyrene	µg/L	0.02							<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0
	Pyrene	µg/l	0.01																								
	Quinoline	µg/L	0.5							<0.5	<0.5	0	<0.5	<0.5	0												
	Quinoline	µg/L	0.24													<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0
	Quinoline	µg/l	0.05																								
	Light Molecular Weight (PAH Sum)	µg/L	0.5							<0.5	<0.5	0	<0.5	<0.5	0												
	Light Molecular Weight (PAH Sum)	µg/L	0.24													<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05							<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	PAHs (Sum of total)	µg/L	0.5							<0.5	<0.5	0	<0.5	<0.5	0												
	PAHs (Sum of total)	µg/L	0.24													<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0

DILLON CONSULTING

Field Duplicates (water)
Filter: ALL

	Lab Report Number	B444272	B444272	**RPD**	B446972	B446972	**RPD**	B449500	B449500	**RPD**	B464009	B464009	**RPD**	B474408	B474408	**RPD**	B476541	B476541	**RPD**	B479164	B479164	**RPD**	B481292	B481292	**RPD**
	Field ID	WA1	WA1-DUP		A2	A2-DUP		G1	G1-DUP		G2	G2-DUP		G2	G2-DUP		G1	G1-DUP		G1	G1-DUP		M1	M1-DUP	
	Sampled Date/Time	5/30/2014	5/30/2014		6/5/2014	6/5/2014		6/13/2014	6/13/2014		7/25/2014	7/25/2014		8/22/2014	8/22/2014		8/29/2014	8/29/2014		9/6/2014	9/6/2014		9/12/2014	9/12/2014	
Number of RPDs over standard range				**1**			**2**			**8**			**4**			**4**			**3**			**2**			**2**
Chemical	**Chemical Name**	**Units**	**EQL**																						
Calculated	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																						
	Alkalinity (Carbonate as CaCO3)	µg/l	500																						
	Alkalinity (Carbonate as CaCO3)	µg/l	1000																						
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																						
	Alkalinity (total) as CaCO3	µg/l	500	91100	90100	1	111000	110000	1	76500	75900	1	151000	148000	2	162000	160000	1	137000	135000	1	121000	122000	1	140000	142000	1
	Alkalinity (total) as CaCO3	µg/l	1000																						
	Sulphur (as S)	µg/l	500																						
	Sulphur (as S)	µg/l	3000	3100	3300	6	<3000	<3000	0	3100	3500	12	8900	8400	6	9100	8700	4	8200	8400	2	8900	8800	1	22900	20800	10
	Sulphur (as S)	µg/l	2000																						
	Sulphur (as S)	µg/l	15000																						
	Sulphur (as S)	µg/l	10000																						
	Sulphur (as S) (Filtered)	µg/l	500																						
	Sulphur (as S) (Filtered)	µg/l	3000	4200	3700	13	<3000	<3000	0	3700	3800	3	7200	7200	0	9200	9300	1	8100	7400	9	8000	8900	11	21500	19600	9
	Sulphur (as S) (Filtered)	µg/l	2000																						
	Sulphur (as S) (Filtered)	µg/l	10000																						
	Hardness as CaCO3	µg/l	500																						
	Hardness as CaCO3 (Filtered)	µg/l	500	101000	102000	1	126000	115000	9	80200	82800	3	162000	167000	3	186000	181000	3	147000	151000	3	143000	150000	5	211000	203000	4
Parameters																											
Physical P	Filter and Preserve	-		999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0
operties																											
General C	Bicarbonate	µg/l	500	111000	110000	1	135000	134000	1	93400	92600	1	184000	181000	2	192000	191000	1	165000	165000	0	148000	148000	0	171000	173000	1
	Carbonate	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	2560	2080	21	1020	<500	68	<500	<500	0	<500	<500	0
	Hydroxide	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0
	phenolphthalein alkalinity	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	2130	1730	21	850	<500	52	<500	<500	0	<500	<500	0
	Ammonia	µg/l	5	15	15	0	16	13	21	6.7	24	113	14	12	15	26	22	17	15	16	6	**29**	**11**	**90**	33	32	3
	Ammonia (as N)	µg/l	5																								
	Kjeldahl Nitrogen Total	µg/l	50																								
	Nitrate (as N)	µg/l	5																								
	Nitrate (as N)	µg/l	20	104	106	2				<20	<20	0	49	50	2	73	71	3	<20	<20	0	<20	<20	0	341	342	0
	Nitrate (as NO3-)	µg/l	20																								
	Nitrate + Nitrite (as N)	µg/l	5.1																								
	Nitrate + Nitrite (as N)	µg/l	20	109	111	2	63	64	2	<20	<20	0	49	50	2	73	71	3	<20	<20	0	<20	<20	0	341	342	0
	Nitrite (as N)	µg/l	5	5.6	5.5	2				<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	5	5.2	4	<5	<5	0
	Nitrite (as N)	µg/l	1																								
	Nitrogen (N)	µg/l	20																								
	Phosphorus	µg/l	50																								
	Phosphorus	µg/l	5 : 50 (Dupe)																								
	Phosphorus	µg/l	5	83.5	96.4	14	<5	16.7	108	69.1	53.5	25	6.5	6.8	5	<5	<5	0	43.3	39	10	37.1	44.2	17	8.5	7.1	18
	Phosphorus	µg/l	2																								
	Phosphorus (Filtered)	µg/l	50																								
	Ortho Phosphorus (as P)	µg/l	5	48.1	44.9	7	8.5	8.6	1	26.4	25.7	3	<5	<5	0	<5	<5	0	36.5	37.5	3	21.2	22.1	4	<5	<5	0
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																								
	Electrical conductivity (lab)	µS/cm	2																								
	Electrical conductivity (lab)	µS/cm	1	197	195	1	221	220	0	168	167	1	314	316	1	343	345	1	296	296	0	274	274	0	368	369	0
	Chloride	µg/l	500																								
	Chloride (Filtered)	µg/l	500	550	<500	10	<500	670	29	<500	<500	0	1900	<500	117	740	660	11	660	870	27	580	800	32	1500	1500	0
	Fluoride	µg/l	20																								
	Fluoride	µg/l	10	98	99	1	120	120	0	74	73	1	190	180	5	210	210	0	99	99	0	86	88	2	140	130	7
	Bromide	µg/l	50																								
	Bromide	µg/l	10 : 100 (Dupe)																								
	Bromide	µg/l	10	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0
	Dissolved Organic Carbon (Filtered)	µg/l	500	1860	1730	7	1490	1030	37	**2580**	**4490**	**54**	<500	2020	121	970	1480	42	2200	1450	41	2850	2900	2	830	1970	81
	Total Organic Carbon (TOC)	µg/l	500	**3200**	**1990**	**47**	1240	1400	12	**4380**	**6160**	**34**	910	<500	58	630	660	5	1620	1430	12	3270	2800	15	1140	910	22
	pH (Lab)	pH Unit	0.1																								
	pH (Lab)	pH Unit		8.05	8.07	0	8.16	8.14	0	8.07	8.06	0	8.29	8.24	1	8.37	8.34	0	8.31	8.29	0	8.19	8.24	1	8.26	8.23	0
	Sulphate (SO4)	µg/l	300																								
	Sulphate (SO4) (Filtered)	µg/l	500	11700	11600	1	5730	5770	1	10000	9570	4	20400	20200	1	24600	25100	2	24300	23800	2	23900	24900	4	51700	55400	7
	Hardness	µg/l	500	103000	103000	0	118000	120000	2	87500	86600	1	177000	170000	4	176000	175000	1	147000	154000	5	140000	135000	4	233000	223000	4
	Dissolved Hardness (Filtered)	µg/l	500																								
	Total Suspended Solids (TSS)	µg/l	5000 : 4000 (Dupe)																								
	Total Suspended Solids (TSS)	µg/l	3000																								
	Total Suspended Solids (TSS)	µg/l	20000																								
	Total Suspended Solids (TSS)	µg/l	1000 : 2000 (Dupe)																								
	Total Suspended Solids (TSS)	µg/l	1000	29900	32800	9	14500	16500	13	13500	14300	6	<1000	<1000	0	<1000	<1000	0	**7500**	**10200**	**31**	12100	13000	7	<1000	1600	46
	Turbidity	NTU	0.1	14.2	14.5	2	6.19	6.05	2	9.49	8.34	13	0.36	0.35	3	0.15	0.15	0	15.9	15.9	0	13.6	12.9	5	0.31	0.27	14
emistry																											
Metals	Sulfur (Filtered)	ug/L	3000																								
	Aluminium	µg/l	3																								
	Aluminium	µg/L	0.5	155	152	2	126	120	5	108	103	5	**6.69**	**10.6**	**45**	4.98	4.56	9	**49.9**	**82.4**	**49**	49.3	57.2	15	10.3	12.3	18
	Aluminium	µg/L	0.2																								
	Aluminium (Filtered)	µg/l	1																								
	Aluminium (Filtered)	µg/L	0.5	8.38	8.11	3	4.8	5.04	5	14.5	14.7	1	**4.51**	**6.31**	**33**	**6.5**	**1.46**	**127**	4.17	4.3	3	4.57	5.43	17	2.78	3.21	14
	Aluminium (Filtered)	µg/L	0.2																								
	Antimony	µg/l	0.1																								
	Antimony	µg/L	0.05																								
	Antimony	µg/L	0.02	0.049	0.056	13	0.031	0.031	0	0.04	0.042	5	0.031	0.028	10	0.027	0.029	7	0.042	0.05	17	0.043	0.048	11	0.09	0.094	4
	Antimony (Filtered)	µg/l	0.1																								
	Antimony (Filtered)	µg/L	0.02	0.042	0.046	9	0.026	0.024	8	0.035	0.032	9	0.034	0.033	3	0.03	0.034	13	0.046	0.042	9	0.046	0.043	7	0.091	0.091	0
	Arsenic	µg/l	0.1																								
	Arsenic	µg/L	0.02	0.274	0.277	1	0.191	0.192	1	0.175	0.176	1	0.099	0.081	20	0.104	0.107	3	0.22	0.222	1	0.176	0.167	5	0.202	0.204	1
	Arsenic (Filtered)	µg/l	0.1																								
	Arsenic (Filtered)	µg/L	0.02	0.151	0.146	3	0.132	0.139	5	0.11	0.095	15	0.113	0.127	12	0.123	0.114	8	0.176	0.174	1	0.129	0.149	14	0.219	0.214	2
	Barium	µg/l	0.1																								
	Barium	µg/L	0.02	71.1	70.8	0	43.4	44.1	2	45.7	47	3	72.4	73	1	75.1	75.4	0	75.9	80.3	6	69.7	70.2	1	112	111	1
	Barium (Filtered)	µg/l	0.1																								
	Barium (Filtered)	µg/L	0.02	57.2	56.5	1	38.9	39.1	1	40.4	40.4	0	71.6	71.3	0	72.3	72.5	0	74.6	74.2	1	66.8	66.4	1	113	112	1
	Beryllium	µg/l	0.1																								
	Beryllium	µg/L	0.01	0.027	0.034	23	0.014	0.013	7	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	0.015	0.015	0	0.012	0.01	18	<0.01	<0.01	0
	Beryllium (Filtered)	µg/l	0.1																								
	Beryllium (Filtered)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Bismuth	µg/l	0.05																								
	Bismuth	µg/L	0.02																								
	Bismuth	µg/L	0.005	0.006	<0.005	18	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
	Bismuth (Filtered)	µg/l	0.05																								

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Field Duplicates (water)
Filter: ALL

			Lab Report Number	B444272	B444272		B446972	B446972		B449500	B449500		B464009	B464009		B474408	B474408		B476541	B476541		B479164	B479164		B481292	B481292	
			Field ID	WA1	WA1-DUP	**RPD**	A2	A2-DUP	**RPD**	G1	G1-DUP	**RPD**	G2	G2-DUP	**RPD**	G2	G2-DUP	**RPD**	G1	G1-DUP	**RPD**	G1	G1-DUP	**RPD**	M1	M1-DUP	**RPD**
			Sampled Date/Time	5/30/2014	5/30/2014		6/5/2014	6/5/2014		6/13/2014	6/13/2014		7/25/2014	7/25/2014		8/22/2014	8/22/2014		8/29/2014	8/29/2014		9/6/2014	9/6/2014		9/12/2014	9/12/2014	
Number of RPDs over standard range						**1**			**2**			**8**			**4**			**4**			**3**			**2**			**2**
Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
Boron	µg/L	50	<50	<50	0	<50	<50	0	<50	<50	0																
Boron	µg/L	20										<20	<20	0	<20	<20	0	20	20	0	<20	<20	0	<20	<20	0
Boron	µg/L	10																								
Boron (Filtered)	µg/L	50	<50	<50	0	<50	<50	0	<50	<50	0															
Boron (Filtered)	µg/L	20										<20	<20	0	<20	<20	0	21	<20	5	<20	<20	0	<20	<20	0
Boron (Filtered)	µg/L	10																								
Cadmium	µg/l	0.005	0.036	0.039	8	0.023	0.023	0	**0.033**	**0.047**	**35**	0.01	0.009	11	0.007	0.007	0	0.032	0.032	0	0.03	0.03	0	0.024	0.023	4
Cadmium (Filtered)	µg/L	0.005	0.007	0.006	15	0.006	0.006	0	0.013	0.009	36	0.007	0.005	33	0.008	0.007	13	0.01	0.009	11	0.012	0.011	9	0.021	0.02	5
Calcium	µg/l	50	29100	28900	1	34400	34600	1	23600	23500	0	44600	43800	2	44000	43700	1	38000	40600	7	37400	35500	5	63800	61100	4
Calcium	µg/l	250																								
Calcium	µg/l	10																								
Calcium (Filtered)	µg/l	50	28000	28600	2	37400	33500	11	20600	21300	3	41800	43300	4	47800	46100	4	38600	39700	3	38700	39800	3	57400	54200	6
Calcium (Filtered)	µg/l	10																								
Cesium	µg/l	0.01																								
Cesium (Filtered)	µg/l	0.01																								
Chromium Total (III+VI)	µg/L	0.5																								
Chromium Total (III+VI)	µg/l	0.1	0.23	0.23	0	0.27	0.31	14	0.19	0.16	17	0.19	0.2	5	0.16	0.18	12	<0.1	0.11	10	<0.1	0.17	52	0.16	0.13	21
Chromium Total (III+VI) (Filtered)	µg/L	0.1	0.13	0.11	17	0.18	0.19	5	0.13	0.12	8	0.23	0.26	12	0.19	0.17	11	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	0.14	33
Cobalt	µg/l	0.1																								
Cobalt	µg/L	0.01																								
Cobalt	µg/L	0.005	0.288	0.331	14	0.122	0.133	9	0.135	0.177	27	0.02	0.02	0	0.005	0.008	46	0.108	0.137	24	0.113	0.111	2	0.027	0.024	12
Cobalt (Filtered)	µg/l	0.1																								
Cobalt (Filtered)	µg/L	0.005	0.016	0.019	17	0.013	0.017	27	0.024	0.02	18	0.011	0.013	17	0.011	0.008	32	0.012	0.012	0	0.019	0.02	5	0.017	0.018	6
Copper	µg/l	0.5																								
Copper	µg/L	0.2																								
Copper	µg/L	0.05	0.629	0.63	0	0.365	0.364	0	0.579	0.702	19	0.187	0.213	13	0.171	0.17	1	0.779	0.829	6	0.673	0.657	2	**0.413**	**0.256**	**47**
Copper (Filtered)	µg/l	0.2																								
Copper (Filtered)	µg/L	0.05	0.236	0.234	1	0.189	0.206	9	0.393	0.434	10	0.227	0.191	17	**5.31**	**0.159**	**188**	0.397	0.417	5	0.434	0.508	16	0.209	0.246	16
Iron	µg/L	5																								
Iron	µg/l	10																								
Iron	µg/L	1	302	294	3	137	156	13	193	201	4	**12.3**	**16.7**	**30**	4.8	5.1	6	**74.2**	**123**	**49**	75.2	88.8	17	18.2	15.9	13
Iron (Filtered)	µg/l	10																								
Iron (Filtered)	µg/L	1	8.1	8.4	4	5.8	5	15	20.5	18	13	2.4	4.1	52	2.1	<1	71	5.6	5.8	4	9.9	11.2	12	3.9	4.7	19
Lead	µg/l	0.05																								
Lead	µg/L	0.005	0.554	0.595	7	0.236	0.251	6	0.225	0.27	18	0.017	0.025	38	0.007	0.006	15	0.163	0.193	17	0.149	0.164	10	0.017	0.015	13
Lead (Filtered)	µg/l	0.05																								
Lead (Filtered)	µg/L	0.005	0.008	0.005	46	<0.005	0.009	57	**0.032**	**0.017**	**61**	0.017	0.007	83	0.008	<0.005	46	0.009	<0.005	57	0.005	0.022	126	<0.005	<0.005	0
Lithium	µg/l	1																								
Lithium	µg/L	0.5	4.34	4.36	0	1.6	1.72	7	3.32	3.36	1	5.28	4.84	9	5.66	5.62	1	10.6	10.2	4	9.35	9.4	1	4.65	4.57	2
Lithium (Filtered)	µg/l	1																								
Lithium (Filtered)	µg/L	0.5	3.95	3.95	0	1.48	1.5	1	3.35	3.35	0	5	5.04	1	5.03	5.38	7	9.7	10.3	6	9.63	9.69	1	4.85	4.82	1
Magnesium	µg/l	50	7300	7440	2	7900	8150	3	6950	6760	3	16000	14700	8	16200	16000	1	12600	12800	2	11400	11300	1	17900	17200	4
Magnesium	µg/l	5																								
Magnesium	µg/l	250																								
Magnesium	µg/l	10																								
Magnesium (Filtered)	µg/l	50	7510	7390	2	7930	7500	6	6980	7210	3	13900	14200	2	16100	16000	1	12400	12600	2	11300	12400	9	16300	16400	1
Magnesium (Filtered)	µg/l	5																								
Magnesium (Filtered)	µg/l	10																								
Manganese	µg/l	0.1																								
Manganese	µg/L	0.05	20.4	20.5	0	9.98	9.63	4	**11.3**	**16.3**	**36**	1.06	1.11	5	0.433	0.426	2	15.3	16.4	7	13.8	14.3	4	1.86	1.8	3
Manganese (Filtered)	µg/l	0.1																								
Manganese (Filtered)	µg/L	0.05	0.349	0.309	12	0.515	0.455	12	**1.17**	**0.569**	**69**	0.252	0.29	14	0.167	0.101	49	0.524	0.541	3	0.612	0.66	8	1.16	1.24	7
Mercury	µg/L	0.01																								
Mercury	µg/L	0.01																								
Mercury	µg/l	0.005																								
Mercury	µg/L	0.002	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	0.0021	5	<0.002	0.0021	5	<0.002	0.0042	71	0.0043	0.0045	5	0.0056	0.0087	43	<0.002	0.0046	79
Mercury (Filtered)	µg/L	0.01																								
Mercury (Filtered)	µg/L	0.01																								
Mercury (Filtered)	µg/l	0.005																								
Mercury (Filtered)	µg/L	0.002	<0.002	<0.002	0	<0.002	<0.002	0	0.0057	0.0029	65	<0.002	<0.002	0	0.0035	0.0026	30	0.0054	0.0039	32	<0.002	0.0049	84	0.0045	0.0024	61
Molybdenum	µg/l	0.05	0.311	0.322	3	0.298	0.296	1	0.58	0.636	9	1.35	1.3	4	1.54	1.51	2	1.37	1.37	0	1.26	1.1	14	0.721	0.714	1
Molybdenum (Filtered)	µg/L	0.05	0.398	0.359	10	0.315	0.329	4	0.572	0.596	4	1.45	1.38	5	1.57	1.44	9	1.55	1.48	5	1.21	1.25	3	0.772	0.792	3
Nickel	µg/l	0.5																								
Nickel	µg/L	0.1																								
Nickel	µg/L	0.02	0.796	0.775	3	**0.436**	**0.6**	**32**	**1.62**	**0.852**	**62**	0.277	0.305	10	0.139	0.129	7	0.583	0.694	17	0.611	0.635	4	0.626	0.568	10
Nickel (Filtered)	µg/l	0.5																								
Nickel (Filtered)	µg/L	0.02	0.259	0.238	8	0.187	0.184	2	0.417	0.384	8	**0.165**	**0.37**	**77**	**0.733**	**0.106**	**149**	0.464	0.375	21	0.475	0.385	21	0.577	0.582	1
Potassium	µg/l	50	457	449	2	292	303	4	422	420	0	598	554	8	538	501	7	631	727	14	608	608	0	819	768	6
Potassium	µg/l	250																								
Potassium	µg/l	10																								
Potassium (Filtered)	µg/l	50	426	397	7	267	243	9	397	393	1	530	562	6	533	542	2	593	619	4	573	647	12	756	743	2
Potassium (Filtered)	µg/l	100																								
Potassium (Filtered)	µg/l	10																								
Rubidium	µg/l	0.2																								
Rubidium (Filtered)	µg/l	0.2																								
Selenium	µg/l	0.05																								
Selenium	µg/L	0.04	0.414	0.44	6	0.313	0.298	5	0.327	0.329	1	1.28	1.3	2	1.51	1.63	8	0.339	0.355	5	0.45	0.433	4	1.64	1.65	1
Selenium (Filtered)	µg/l	0.05																								
Selenium (Filtered)	µg/L	0.04	0.441	0.445	1	0.329	0.311	6	0.282	0.28	1	1.17	1.18	1	1.62	1.51	7	0.297	0.318	7	0.519	0.49	6	1.72	1.56	10
Silicon	µg/L	50																								
Silicon	µg/l	100	2270	2330	3	1910	2000	5	2750	2580	6	2820	2740	3	2610	2490	5	2830	3000	6	2900	2750	5	2730	2610	4
Silicon (Filtered)	µg/L	50																								
Silicon (Filtered)	µg/L	100	2110	2170	3	2020	1700	17	2240	2400	7	2730	2750	1	3020	2890	4	2880	2940	2	2870	3300	14	2420	2200	10
Silver	µg/l	0.01																								
Silver	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	0.005	0.005	0	<0.005	<0.005	0	<0.005	0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
Silver (Filtered)	µg/l	0.01																								
Silver (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	0.022	126	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
Sodium	µg/l	50	1380	1320	4	621	653	5	1370	1280	7	2150	1960	9	2300	2090	10	3930	4090	4	3520	3490	1	3320	3080	8
Sodium	µg/l	250																								
Sodium	µg/l	10																								
Sodium (Filtered)	µg/l	50	1410	1320	7	624	617	1	1310	1310	0	1880	2020	7	2040	2030	0	3830	4080	6	3530	3790	7	3180	3170	0
Sodium (Filtered)	µg/l	10																								
Strontium	µg/l	0.2																								
Strontium	µg/L	0.05	110	112	2	63.9	64	0	89.6	90.7	1	128	125	2	124	124	0	178	185	4	192	191	1	143	143	0

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Field Duplicates (water)
Filter: ALL

			Lab Report Number	B444272	B444272		B446972	B446972		B449500	B449500		B464009	B464009		B474408	B474408		B476541	B476541		B479164	B479164		B481292	B481292	
			Field ID	WA1	WA1-DUP	**RPD**	A2	A2-DUP	**RPD**	G1	G1-DUP	**RPD**	G2	G2-DUP	**RPD**	G2	G2-DUP	**RPD**	G1	G1-DUP	**RPD**	G1	G1-DUP	**RPD**	M1	M1-DUP	**RPD**
			Sampled Date/Time	5/30/2014	5/30/2014		6/5/2014	6/5/2014		6/13/2014	6/13/2014		7/25/2014	7/25/2014		8/22/2014	8/22/2014		8/29/2014	8/29/2014		9/6/2014	9/6/2014		9/12/2014	9/12/2014	
Number of RPDs over standard range						**1**			**2**			**8**			**4**			**4**			**3**			**2**			**2**
	Strontium (Filtered)	µg/l	0.2																									
	Strontium (Filtered)	µg/L	0.05	109	107	2	61.6	64.5	5	90	88.5	2	124	124	0	133	131	2	166	178	7	190	191	1	143	146	2
	Tellurium	µg/l	0.2																									
	Tellurium (Filtered)	µg/l	0.2																									
	Thallium	µg/l	0.01																									
	Thallium	µg/L	0.002	0.006	0.006	0	0.005	0.005	0	0.009	0.012	29	0.002	0.003	40	0.004	0.002	67	0.012	0.015	22	0.01	0.011	10	0.004	0.004	0
	Thallium (Filtered)	µg/l	0.01																									
	Thallium (Filtered)	µg/L	0.002	<0.002	<0.002	0	<0.002	<0.002	0	0.002	0.004	67	0.003	0.004	29	0.003	0.003	0	0.005	0.006	18	0.006	0.005	18	0.004	0.005	22
	Thorium	µg/l	0.1																									
	Thorium (Filtered)	µg/l	0.1																									
	Tin	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Tin	µg/l	0.1																									
	Tin (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Tin (Filtered)	µg/l	0.1																									
	Titanium	µg/L	5																									
	Titanium	µg/l	1.5																									
	Titanium	µg/L	0.5	1.1	1.38	23	2.11	1.81	15	1.98	1.45	31	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	1.64	107	<0.5	<0.5	0	<0.5	<0.5	0
	Titanium	µg/l	0.3																									
	Titanium (Filtered)	µg/L	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Titanium (Filtered)	µg/l	0.3																									
	Tungsten	µg/l	0.1																									
	Tungsten (Filtered)	µg/l	0.1																									
	Uranium	µg/l	0.01																									
	Uranium	µg/L	0.005																									
	Uranium	µg/L	0.002	0.174	0.178	2	0.315	0.311	1	0.088	0.089	1	0.842	0.841	0	1.02	0.983	4	0.232	0.253	9	0.198	0.201	2	0.606	0.616	2
	Uranium (Filtered)	µg/l	0.01																									
	Uranium (Filtered)	µg/L	0.002	0.15	0.146	3	0.3	0.299	0	0.077	0.079	3	0.791	0.796	1	1.06	1.08	2	0.225	0.232	3	0.184	0.191	4	0.606	0.615	1
	Vanadium	µg/l	0.5																									
	Vanadium	µg/L	0.2	0.39	0.39	0	0.38	0.38	0	0.21	0.23	9	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	0.3	40	<0.2	<0.2	0	<0.2	0.22	10
	Vanadium (Filtered)	µg/l	0.5																									
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.38	0.23	49
	Zinc	µg/l	3																									
	Zinc	µg/L	1																									
	Zinc	µg/L	0.1	2.2	2.57	16	1.51	1.7	12	2.6	2.97	13	0.6	0.75	22	0.24	0.34	34	1.57	1.78	13	1.18	0.96	21	**1.82**	**0.67**	**92**
	Zinc (Filtered)	µg/l	1																									
	Zinc (Filtered)	µg/L	0.1	0.4	0.25	46	**0.39**	**0.59**	**41**	**2.96**	**1.22**	**83**	0.64	0.56	13	**1.11**	**0.26**	**124**	0.47	0.28	51	**0.29**	**0.53**	**59**	0.37	0.32	14
	Zirconium	µg/l	0.2																									
	Zirconium	µg/L	0.1	<0.1	<0.1	0	<0.1	0.12	18	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	0.15	<0.1	40	<0.1	<0.1	0
	Zirconium	µg/l	0.06																									
	Zirconium (Filtered)	µg/l	0.2																									
	Zirconium (Filtered)	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	0.12	0.13	8	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Zirconium (Filtered)	µg/l	0.06																									
Polycyclic	1-Methylnaphthalene	µg/l	0.05																									
	2-Methylnaphthalene	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	2-Methylnaphthalene	µg/l	0.05																									
	Acenaphthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acenaphthene	µg/l	0.01																									
	Acenaphthylene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acenaphthylene	µg/l	0.01																									
	Acridine	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acridine	µg/l	0.01																									
	Anthracene	µg/l	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Benzo(a)anthracene	µg/l	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Benzo(a) pyrene	µg/L	0.009	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0
	Benzo(a) pyrene	µg/l	0.005																									
	Benzo(b+j)fluoranthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(b+j)fluoranthene	µg/l	0.01																									
	Benzo(b & k)fluoranthene	µg/l	0.015																									
	Benzo(g,h,i)perylene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(g,h,i)perylene	µg/l	0.01																									
	Benzo(k)fluoranthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(k)fluoranthene	µg/l	0.01																									
	Chrysene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Chrysene	µg/l	0.01																									
	Dibenz(a,h)anthracene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Dibenz(a,h)anthracene	µg/l	0.005																									
	Fluoranthene	µg/L	0.02	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0
	Fluoranthene	µg/l	0.01																									
	Fluorene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Fluorene	µg/l	0.01																									
	Indeno(1,2,3-c,d)pyrene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Indeno(1,2,3-c,d)pyrene	µg/l	0.01																									
	Naphthalene	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Naphthalene	µg/l	0.05																									
	Phenanthrene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Phenanthrene	µg/l	0.02																									
	Pyrene	µg/L	0.02	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0
	Pyrene	µg/l	0.01																									
	Quinoline	µg/L	0.5																									
	Quinoline	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0
	Quinoline	µg/l	0.05																									
	Light Molecular Weight (PAH Sum)	µg/L	0.5																									
	Light Molecular Weight (PAH Sum)	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	PAHs (Sum of total)	µg/L	0.5																									
	PAHs (Sum of total)	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0

Field Duplicates (water)
Filter: ALL

			Lab Report Number	B483962	B483962		B499587	B499587		B4A9093	B4A9093		B4B5326	B4B5326		B505986	B505986		B516449	B516449		B525184	B525184		B533584	B533584				
			Field ID	H1	H1-DUP	**RPD**	G2	G2-DUP	**RPD**	G2	G2-DUP	**RPD**	A2	A2-DUP	**RPD**	H1	H1-DUP	**RPD**	A3 (B)	A3(B)-DUP	**RPD**	A1	A1-DUP	**RPD**	G2	G2-DUP	**RPD**			
			Sampled Date/Time	9/19/2014	9/19/2014		10/30/2014	10/30/2014		11/28/2014	11/28/2014		12/18/2014	12/18/2014		1/22/2015	1/22/2015		2/27/2015	2/27/2015		3/26/2015	3/26/2015		4/24/2015	4/24/2015				
		Number of RPDs over standard range				**43**			**3**			**11**			**1**			**4**			**3**			**3**			**3**		
Chemical	**Chemical Name**	**Units**	**EQL**																											
Calculated	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000																											
	Alkalinity (Carbonate as CaCO3)	µg/l	500																<500	<500	0	<500	<500	0						
	Alkalinity (Carbonate as CaCO3)	µg/l	1000																											
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000																											
	Alkalinity (total) as CaCO3	µg/l	500	**184000**	**125000**	**38**	160000	160000	0	134000	135000	1	148000	146000	1	185000	185000	0	135000	134000	1	154000	155000	1	136000	138000	1			
	Alkalinity (total) as CaCO3	µg/l	1000																											
	Sulphur (as S)	µg/l	500																											
	Sulphur (as S)	µg/l	3000	**49900**	**5100**	**163**	9000	7900	13	7400	7400	0	4200	4100	2	54900	55900	2	6200	6300	2	5900	5900	0						
	Sulphur (as S)	µg/l	2000																											
	Sulphur (as S)	µg/l	15000																						<15000	<15000	0			
	Sulphur (as S)	µg/l	10000																											
	Sulphur (as S) (Filtered)	µg/l	500																											
	Sulphur (as S) (Filtered)	µg/l	3000	**48400**	**5400**	**160**	9000	8600	5	7400	7200	3	4600	5300	14	56600	54000	5							4900	5100	4			
	Sulphur (as S) (Filtered)	µg/l	2000																											
	Sulphur (as S) (Filtered)	µg/l	10000																											
	Hardness as CaCO3	µg/l	500																											
	Hardness as CaCO3 (Filtered)	µg/l	500	**335000**	**146000**	**79**	192000	185000	4	156000	157000	1	167000	159000	5	360000	340000	6							149000	148000	1			
Parameters																														
Physical P	Filter and Preserve	-		999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0	999	999	0			
operties																														
General C	Bicarbonate	µg/l	500	**214000**	**153000**	**33**	195000	196000	1	163000	165000	1	180000	178000	1	225000	225000	0	164000	163000	1	187000	189000	1	166000	169000	2			
	Carbonate	µg/l	500	**4820**	**<500**	**162**	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0			
	Hydroxide	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0			
	phenolphthalein alkalinity	µg/l	500	**4020**	**<500**	**156**	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0			
	Ammonia	µg/l	5	9.2	7.7	18	5.3	17	105	6.8	5.8	16	9	24	91	5.6	<5	11	**6.6**	**50**	**153**	16	19	17	8.5	11	26			
	Ammonia (as N)	µg/l	5																											
	Kjeldahl Nitrogen Total	µg/l	50																											
	Nitrate (as N)	µg/l	5																											
	Nitrate (as N)	µg/l	20	**714**	**52**	**173**	51	45	13	85	89	5	83	81	2	908	905	0							123	124	1			
	Nitrate (as NO3-)	µg/l	20																103	105	2	54	51	6						
	Nitrate + Nitrite (as N)	µg/l	5.1																											
	Nitrate + Nitrite (as N)	µg/l	20	**714**	**52**	**173**	51	45	13	85	89	5	83	81	2	908	905	0	103	105	2	54	51	6	123	124	1			
	Nitrite (as N)	µg/l	5	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0			
	Nitrite (as N)	µg/l	1																											
	Nitrogen (N)	µg/l	20																											
	Phosphorus	µg/l	50																											
	Phosphorus	µg/l	5 : 50 (Dupe)																											
	Phosphorus	µg/l	5	5.8	13.1	77	5.4	9.4	54	**13**	**64**	**132**	7.5	<5	40	5	<5	0	<5	<5	0	**9.4**	**46.1**	**132**	15.1	14.3	5			
	Phosphorus	µg/l	2																											
	Phosphorus (Filtered)	µg/l	50																											
	Ortho Phosphorus (as P)	µg/l	5	<5	<5	0	<5	<5	0	6.4	<5	25	<5	<5	0	<5	<5	0	<5	<5	0	8.8	<5	55	9.7	7.4	27			
	Ortho Phosphorus (as P) (Filtered)	µg/l	1																											
	Electrical conductivity (lab)	µS/cm	2																											
	Electrical conductivity (lab)	µS/cm	1	**593**	**258**	**79**	336	346	3	299	297	1	300	300	0	634	637	0	288	288	0	339	337	1	288	289	0			
	Chloride	µg/l	500																											
	Chloride (Filtered)	µg/l	500	1500	<500	100	730	830	13	1100	870	23	760	720	5	1400	1400	0	<500	<500	0	1800	1800	0	<500	620	21			
	Fluoride	µg/l	20																											
	Fluoride	µg/l	10	240	200	18	190	190	0	170	170	0	160	160	0	250	260	4	160	160	0	150	150	0	120	120	0			
	Bromide	µg/l	50																											
	Bromide	µg/l	10 : 100 (Dupe)																											
	Bromide	µg/l	10	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0			
	Dissolved Organic Carbon (Filtered)	µg/l	500	1210	1200	1	1090	1280	16	2560	2510	2	650	500	26	<500	780	44	<500	<500	0	1050	1030	2	**3570**	**2190**	**48**			
	Total Organic Carbon (TOC)	µg/l	500	**1590**	**2770**	**54**	560	1080	63	2320	2560	10	520	<500	4	660	670	2	1140	<500	78	870	620	34	**6890**	**3270**	**71**			
	pH (Lab)	pH Unit	0.1																											
	pH (Lab)	pH Unit		8.42	8.23	2	8.27	8.29	0	8.16	8.16	0	8.27	8.22	1	8.29	8.3	0	8.25	8.24	0	8.22	8.27	1	8.24	8.27	0			
	Sulphate (SO4)	µg/l	300																											
	Sulphate (SO4) (Filtered)	µg/l	500	**140000**	**14100**	**163**	26500	25800	3	22000	21700	1	14900	15500	4	159000	161000	1	19900	18100	9	16600	16400	1	15000	14900	1			
	Hardness	µg/l	500	**336000**	**147000**	**78**	183000	172000	6	160000	164000	2	151000	149000	1	355000	351000	1	155000	150000	3	175000	175000	0	142000	148000	4			
	Dissolved Hardness (Filtered)	µg/l	500																155000	150000	3	179000	184000	3						
	Total Suspended Solids (TSS)	µg/l	5000 : 4000 (Dupe)																											
	Total Suspended Solids (TSS)	µg/l	3000																											
	Total Suspended Solids (TSS)	µg/l	20000																											
	Total Suspended Solids (TSS)	µg/l	1000 : 2000 (Dupe)																											
	Total Suspended Solids (TSS)	µg/l	1000	<1000	<1000	0	<1000	<1000	0	**9500**	**3800**	**86**	<1000	<1000	0	<1000	<1000	0	<1000	<1000	0	2000	1400	35	4900	4900	0			
	Turbidity	NTU	0.1	0.18	0.11	48	0.2	0.22	10	2.29	2.38	4	0.13	0.15	14	0.16	<0.1	46	<0.1	<0.1	0	0.5	<0.1	133	**2.59**	**1.09**	**82**			
emistry																														
Metals	Sulfur (Filtered)	ug/L	3000																6000	6700	11	6100	5900	3						
	Aluminium	µg/l	3																						89.6	105	16			
	Aluminium	µg/L	0.5	5.6	7.04	23	5.74	5.45	5	**42.5**	**62.1**	**37**	6.53	7.67	16	**6.21**	**3.86**	**47**	**3.37**	**1.97**	**52**	14	13.3	5						
	Aluminium	µg/L	0.2																											
	Aluminium (Filtered)	µg/l	1																											
	Aluminium (Filtered)	µg/L	0.5	2.59	2.34	10	2.24	2.16	4	2.66	2.18	20	**3.59**	**2.55**	**34**	1.75	1.69	3	1.24	0.93	29	1.49	1.21	21	4.58	5.6	20			
	Aluminium (Filtered)	µg/L	0.2																											
	Antimony	µg/l	0.1																											
	Antimony	µg/L	0.05																						<0.05	<0.05	0			
	Antimony	µg/L	0.02	0.069	0.029	82	0.025	0.029	15	0.029	0.028	4	0.021	0.023	9	0.054	0.061	12	0.02	0.02	0	0.03	0.026	14						
	Antimony (Filtered)	µg/l	0.1																											
	Antimony (Filtered)	µg/L	0.02	0.063	0.032	65	0.033	0.03	10	0.029	0.026	11	0.023	0.026	12	0.06	0.056	7	0.023	0.022	4	0.032	0.029	10	0.028	0.028	0			
	Arsenic	µg/l	0.1																											
	Arsenic	µg/L	0.02	0.143	0.115	22	0.083	0.093	11	0.103	0.121	16	0.078	0.072	8	0.121	0.127	5	0.085	0.083	2	0.087	0.086	1	0.129	0.142	10			
	Arsenic (Filtered)	µg/l	0.1																											
	Arsenic (Filtered)	µg/L	0.02	0.137	0.108	24	0.084	0.075	11	0.098	0.094	4	0.092	0.093	1	0.127	0.13	2	0.072	0.076	5	0.092	0.101	9	0.092	0.075	20			
	Barium	µg/l	0.1																						62.4	63.1	1			
	Barium	µg/L	0.02	**64.1**	**47.3**	**30**	67.7	68.9	2	69	71.3	3	56.9	56.4	1	67.9	68.8	1	57.5	57	1	68.5	68	1						
	Barium (Filtered)	µg/l	0.1																											
	Barium (Filtered)	µg/L	0.02	**64.2**	**46.6**	**32**	76.6	77.7	1	67	66.2	1	58.8	58.3	1	66.2	68.1	3	54.6	54.4	0	71.7	68.1	5	63.7	64.3	1			
	Beryllium	µg/l	0.1																											
	Beryllium	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	0.011	0.012	9			
	Beryllium (Filtered)	µg/l	0.1																											
	Beryllium (Filtered)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0			
	Bismuth	µg/l	0.05																											
	Bismuth	µg/L	0.02																						<0.02	<0.02	0			
	Bismuth	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0						
	Bismuth (Filtered)	µg/l	0.05																											

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Field Duplicates (water) Filter: ALL																																			
Lab Report Number			B483962	B483962		B499587	B499587		B4A9093	B4A9093		B4B5326	B4B5326		B505986	B505986		B516449	B516449		B525184	B525184		B533584	B533584		B4C0326	B4C0326		B4C5326	B4C5326		B4D0326	B4D0326	
Field ID			H1	H1-DUP		G2	G2-DUP		G2	G2-DUP		A2	A2-DUP		H1	H1-DUP		A3 (B)	A3(B)-DUP		A1	A1-DUP		G2	G2-DUP		A2	A2-DUP		A3	A3-DUP		A4	A4-DUP	
Sampled Date/Time			9/19/2014	9/19/2014	**RPD**	10/30/2014	10/30/2014	**RPD**	11/28/2014	11/28/2014	**RPD**	12/18/2014	12/18/2014	**RPD**	1/22/2015	1/22/2015	**RPD**	2/27/2015	2/27/2015	**RPD**	3/26/2015	3/26/2015	**RPD**	4/24/2015	4/24/2015	**RPD**	5/27/2015	5/27/2015	**RPD**	6/24/2015	6/24/2015	**RPD**	7/29/2015	7/29/2015	**RPD**
Number of RPDs over standard range					**43**			**3**			**11**			**1**			**4**			**3**			**3**			**3**			**3**			**3**		
	Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
	Boron	µg/L	50																						<50	<50	0									
	Boron	µg/L	20	<20	<20	0																														
	Boron	µg/L	10				11	11	0	12	12	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0												
	Boron (Filtered)	µg/L	50																																	
	Boron (Filtered)	µg/L	20	<20	<20	0																														
	Boron (Filtered)	µg/L	10				12	12	0	12	12	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0									
	Cadmium	µg/l	0.005	0.014	0.01	33	0.006	0.009	40	0.0119	0.022	60	<0.005	0.0057	13	0.014	0.013	7	0.0056	<0.005	11	0.0074	0.0072	3	0.0081	0.0132	48	0.0078	0.0078	0	0.0078	0.0078	0	0.0078	0.0078	0
	Cadmium (Filtered)	µg/L	0.005	0.012	0.006	67	0.005	0.005	0	0.0063	0.0081	25	<0.005	0.005	0	0.013	0.013	0	0.005	<0.005	0	0.0096	0.0053	58	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
	Calcium	µg/l	50	**75100**	**40900**	**59**	45800	44000	4	41100	42300	3	43200	42200	2	78300	77000	2	43300	41300	5	49400	48700	1												
	Calcium	µg/l	250																						36400	38300	5									
	Calcium	µg/l	10																																	
	Calcium (Filtered)	µg/l	50	**75300**	**40800**	**59**	50000	47400	5	39200	39400	1	46800	43300	8	79300	75200	5	42600	40400	5	49100	51600	5	38700	37800	2									
	Calcium (Filtered)	µg/l	10																																	
	Cesium	µg/l	0.01																																	
	Cesium (Filtered)	µg/l	0.01																																	
	Chromium Total (III+VI)	µg/L	0.5																						<0.5	<0.5	0									
	Chromium Total (III+VI)	µg/l	0.1	0.15	0.28	60	0.2	0.16	22	0.1	0.12	18	0.2	0.21	5	0.14	0.15	7	0.25	0.23	8	0.16	0.17	6												
	Chromium Total (III+VI) (Filtered)	µg/L	0.1	0.13	0.22	51	0.18	0.17	6	<0.1	<0.1	0	0.21	0.24	13	0.14	0.19	30	0.23	0.23	0	0.16	0.17	6	0.19	0.19	0									
	Cobalt	µg/l	0.1																																	
	Cobalt	µg/L	0.01																						0.069	0.069	0									
	Cobalt	µg/L	0.005	**0.026**	**0.015**	**54**	0.01	0.014	33	**0.0355**	**0.0687**	**64**	0.0107	0.0142	28	0.021	0.023	9	0.0069	0.01	37	0.0168	0.0222	28												
	Cobalt (Filtered)	µg/l	0.1																																	
	Cobalt (Filtered)	µg/L	0.005	0.022	0.009	84	0.008	0.007	13	0.0103	0.0102	1	0.005	0.007	33	0.021	0.018	15	0.007	0.006	15	0.0125	0.0109	14	0.0101	0.0101	0									
	Copper	µg/l	0.5																																	
	Copper	µg/L	0.2																						0.51	0.5	2									
	Copper	µg/L	0.05	0.169	0.19	12	0.146	0.183	22	0.361	0.411	13	0.16	0.13	21	**0.267**	**0.152**	**55**	0.109	0.093	16	0.165	0.131	23												
	Copper (Filtered)	µg/l	0.2																																	
	Copper (Filtered)	µg/L	0.05	**0.433**	**0.126**	**110**	0.159	0.237	39	0.264	0.264	0	0.196	0.102	63	0.236	0.149	45	0.098	0.098	0	0.147	0.199	30	0.192	0.186	3									
	Iron	µg/L	5																						126	136	8									
	Iron	µg/l	10																																	
	Iron	µg/L	1	**12.6**	**9.2**	**31**	**3.9**	**7.4**	**62**	**56.1**	**83.5**	**39**	11.1	13	16	8.2	8.3	1	4.2	3.1	30	22.4	24.4	9												
	Iron (Filtered)	µg/l	10																																	
	Iron (Filtered)	µg/L	1	3.5	1.3	92	1.1	1.2	9	**7.1**	**2.8**	**87**	3.9	3.2	20	**10.8**	**1.7**	**146**	<1	<1	0	6.5	6	8	3.7	3.2	14									
	Lead	µg/l	0.05																						0.094	0.085	10									
	Lead	µg/L	0.005	**0.025**	**0.034**	**31**	0.005	0.013	89	**0.0604**	**0.137**	**78**	0.0078	0.0152	64	0.014	0.02	35	0.0052	0.009	54	0.0224	0.0181	21												
	Lead (Filtered)	µg/l	0.05																																	
	Lead (Filtered)	µg/L	0.005	**<0.005**	**0.035**	**150**	0.014	<0.005	95	0.0126	0.011	14	0.011	<0.005	75	<0.005	<0.005	0	0.006	<0.005	18	<0.005	<0.005	0	<0.005	<0.005	0									
	Lithium	µg/l	1																																	
	Lithium	µg/L	0.5	**6.69**	**2.05**	**106**	5.57	5.73	3	5.28	6.26	17	2.34	2.23	5	7.04	6.91	2	2.74	2.6	5	4.2	4.02	4	4.29	4.65	8									
	Lithium (Filtered)	µg/l	1																																	
	Lithium (Filtered)	µg/L	0.5	**6.83**	**2.01**	**109**	5.82	5.71	2	5.43	5.77	6	1.97	2.28	15	6.78	6.84	1	2.46	2.28	8	4.25	4.16	2	4.32	4.44	3									
	Magnesium	µg/l	50	**36100**	**11000**	**107**	16600	15100	9	14000	14300	2	10500	10600	1	38800	38500	1	11500	11500	0	12700	13000	2												
	Magnesium	µg/l	5																																	
	Magnesium	µg/l	250																						12400	12800	3									
	Magnesium	µg/l	10																																	
	Magnesium (Filtered)	µg/l	50	**35700**	**10700**	**108**	16400	16100	2	14000	14100	1	12200	12400	2	39300	37000	6	11800	11900	1	13700	13300	3	12800	12900	1									
	Magnesium (Filtered)	µg/l	5																																	
	Magnesium (Filtered)	µg/l	10																																	
	Manganese	µg/l	0.1																						4.59	4.77	4									
	Manganese	µg/L	0.05	**1.62**	**0.554**	**98**	**0.419**	**0.629**	**40**	**3.13**	**7.43**	**81**	0.999	1.02	2	0.877	0.965	10	0.229	0.213	7	1.56	1.72	10												
	Manganese (Filtered)	µg/l	0.1																																	
	Manganese (Filtered)	µg/L	0.05	**0.71**	**0.179**	**119**	0.119	0.115	3	**0.543**	**0.335**	**47**	0.799	0.76	5	0.271	0.244	10	**0.259**	**0.097**	**91**	0.806	0.991	21	0.151	0.149	1									
	Mercury	µg/L	0.01																																	
	Mercury	µg/L	0.01																																	
	Mercury	µg/l	0.005																																	
	Mercury	µg/L	0.002	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0									
	Mercury (Filtered)	µg/L	0.01																																	
	Mercury (Filtered)	µg/L	0.01																																	
	Mercury (Filtered)	µg/l	0.005																																	
	Mercury (Filtered)	µg/L	0.002	0.0042	<0.002	71	<0.002	<0.002	0	0.0032	<0.002	46	<0.002	<0.002	0	0.0052	<0.002	89	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0									
	Molybdenum	µg/l	0.05	**1.1**	**0.576**	**63**	1.49	1.4	6	1.3	1.17	11	0.493	0.52	5	1.18	1.06	11	0.536	0.51	5	0.625	0.648	4	0.957	0.935	2									
	Molybdenum (Filtered)	µg/L	0.05	**1.16**	**0.601**	**63**	1.53	1.57	3	1.35	1.3	4	0.56	0.54	4	1.17	1.16	1	0.567	0.552	3	0.661	0.66	0	1.04	1.02	2									
	Nickel	µg/l	0.5																																	
	Nickel	µg/L	0.1																						0.3	0.33	10									
	Nickel	µg/L	0.02	**0.441**	**0.148**	**99**	0.108	0.105	3	**0.198**	**0.295**	**39**	**0.341**	**0.474**	**33**	0.391	0.423	8	0.081	0.058	33	0.131	0.127	3												
	Nickel (Filtered)	µg/l	0.5																																	
	Nickel (Filtered)	µg/L	0.02	**0.432**	**0.132**	**106**	**0.159**	**0.114**	**33**	0.132	0.165	22	0.198	0.177	11	0.332	0.349	5	0.059	0.075	24	0.119	0.147	21	0.155	0.174	12									
	Potassium	µg/l	50	**810**	**302**	**91**	539	505	7	583	590	1	281	283	1	777	783	1	278	278	0	433	434	0												
	Potassium	µg/l	250																						500	520	4									
	Potassium	µg/l	10																																	
	Potassium (Filtered)	µg/l	50	**811**	**285**	**96**	542	545	1	562	555	1	315	302	4	792	774	2	282	268	5	441	440	0	461	468	2									
	Potassium (Filtered)	µg/l	100																																	
	Potassium (Filtered)	µg/l	10																																	
	Rubidium	µg/l	0.2																																	
	Rubidium (Filtered)	µg/l	0.2																																	
	Selenium	µg/l	0.05																																	
	Selenium	µg/L	0.04	**23**	**0.577**	**190**	1.64	1.58	4	1.21	1.22	1	0.507	0.489	4	24.3	24.8	2	0.651	0.617	5	0.572	0.56	2	0.591	0.588	1									
	Selenium (Filtered)	µg/l	0.05																																	
	Selenium (Filtered)	µg/L	0.04	**23**	**0.59**	**190**	1.61	1.68	4	1.21	1.2	1	0.554	0.542	2	24.5	25.1	2	0.582	0.516	12	0.559	0.528	6	0.856	0.813	5									
	Silicon	µg/L	50				2550	2440	4	2510	2730	8	1820	1770	3	2440	2380	2	2030	1780	13	2350	2260	4												
	Silicon	µg/l	100	2390	1860	25																			2470	2520	2									
	Silicon (Filtered)	µg/L	50				2950	2650	11	2450	2430	1	2120	1940	9	2410	2320	4	1860	1810	3	2250	2270	1	2420	2490	3									
	Silicon (Filtered)	µg/L	100	2360	1750	30																														
	Silver	µg/l	0.01																																	
	Silver	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0									
	Silver (Filtered)	µg/l	0.01																																	
	Silver (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0									
	Sodium	µg/l	50	**2000**	**708**	**95**	2560	2350	9	2310	2290	1	814	820	1	1990	2190	10	1020	942	8	1980	2000	1												
	Sodium	µg/l	250																						1750	1820	4									
	Sodium	µg/l	10																																	
	Sodium (Filtered)	µg/l	50	**1930**	**718**	**92**	2520	2560	2	2280	2260	1	900	945	5	2130	2000	6	984	947	4	2060	2070	0	1790	1850	3									
	Sodium (Filtered)	µg/l	10																																	
	Strontium	µg/l	0.2																																	
	Strontium	µg/L	0.05	**140**	**83.5**	**51**	125	126	1	124	129	4	87.7	87.1	1	158	157	1	86.5	91.8	6	133	131	2	116	118	2									

Field Duplicates (water) Filter: ALL			**Lab Report Number**	B483962	B483962		B499587	B499587		B4A9093	B4A9093		B4B5326	B4B5326		B505986	B505986		B516449	B516449		B525184	B525184		B533584	B533584	
			Field ID	H1	H1-DUP	**RPD**	G2	G2-DUP	**RPD**	G2	G2-DUP	**RPD**	A2	A2-DUP	**RPD**	H1	H1-DUP	**RPD**	A3 (B)	A3(B)-DUP	**RPD**	A1	A1-DUP	**RPD**	G2	G2-DUP	**RPD**
			Sampled Date/Time	9/19/2014	9/19/2014		10/30/2014	10/30/2014		11/28/2014	11/28/2014		12/18/2014	12/18/2014		1/22/2015	1/22/2015		2/27/2015	2/27/2015		3/26/2015	3/26/2015		4/24/2015	4/24/2015	
Number of RPDs over standard range						**43**			**3**			**11**			**1**			**4**			**3**			**3**			**3**
	Strontium (Filtered)	µg/l	0.2																								
	Strontium (Filtered)	µg/L	0.05	**140**	**83.2**	**51**	134	141	5	122	122	0	96.7	93.7	3	153	157	3	90.9	88.6	3	144	135	6	125	125	0
	Tellurium	µg/l	0.2																								
	Tellurium (Filtered)	µg/l	0.2																								
	Thallium	µg/l	0.01																								
	Thallium	µg/L	0.002	0.006	0.002	100	0.002	<0.002	0	0.0033	0.0044	29	<0.002	<0.002	0	0.004	0.004	0	<0.002	<0.002	0	<0.002	<0.002	0	0.0044	0.0046	4
	Thallium (Filtered)	µg/l	0.01																								
	Thallium (Filtered)	µg/L	0.002	0.004	<0.002	67	0.002	0.002	0	0.0023	0.0033	36	<0.002	<0.002	0	0.004	0.004	0	0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0
	Thorium	µg/l	0.1																								
	Thorium (Filtered)	µg/l	0.1																								
	Tin	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	0.23	<0.2	14	<0.2	<0.2	0	0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Tin	µg/l	0.1																								
	Tin (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.24	<0.2	18	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Tin (Filtered)	µg/l	0.1																								
	Titanium	µg/L	5																						<5	<5	0
	Titanium	µg/l	1.5																								
	Titanium	µg/L	0.5	<0.5	<0.5	0	<0.5	<0.5	0	0.82	0.73	12	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Titanium	µg/l	0.3																								
	Titanium (Filtered)	µg/L	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Titanium (Filtered)	µg/l	0.3																								
	Tungsten	µg/l	0.1																								
	Tungsten (Filtered)	µg/l	0.1																								
	Uranium	µg/l	0.01																								
	Uranium	µg/L	0.005																						0.534	0.535	0
	Uranium	µg/L	0.002	**1.98**	**0.584**	**109**	0.996	0.973	2	0.858	0.908	6	0.517	0.518	0	2.2	2.12	4	0.614	0.533	14	0.573	0.574	0			
	Uranium (Filtered)	µg/l	0.01																								
	Uranium (Filtered)	µg/L	0.002	**2.01**	**0.588**	**109**	1.14	1.11	3	0.894	0.898	0	0.537	0.543	1	2.18	2.2	1	0.552	0.541	2	0.587	0.604	3	0.543	0.551	1
	Vanadium	µg/l	0.5																						<0.5	<0.5	0
	Vanadium	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0			
	Vanadium (Filtered)	µg/l	0.5																								
	Vanadium (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
	Zinc	µg/l	3																								
	Zinc	µg/L	1																						<1	<1	0
	Zinc	µg/L	0.1	**0.36**	**1.45**	**120**	0.4	0.4	0	**0.65**	**0.94**	**36**	0.45	0.35	25	**0.61**	**0.29**	**71**	0.47	0.26	58	**0.72**	**0.44**	**48**			
	Zinc (Filtered)	µg/l	1																								
	Zinc (Filtered)	µg/L	0.1	0.28	0.37	28	0.29	0.24	19	0.37	0.41	10	0.45	0.43	5	0.43	0.32	29	0.25	0.22	13	**5.67**	**0.24**	**184**	0.23	0.15	42
	Zirconium	µg/l	0.2																								
	Zirconium	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Zirconium	µg/l	0.06																								
	Zirconium (Filtered)	µg/l	0.2																								
	Zirconium (Filtered)	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Zirconium (Filtered)	µg/l	0.06																								
Polycyclic	1-Methylnaphthalene	µg/l	0.05																								
	2-Methylnaphthalene	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	2-Methylnaphthalene	µg/l	0.05																								
	Acenaphthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acenaphthene	µg/l	0.01																								
	Acenaphthylene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acenaphthylene	µg/l	0.01																								
	Acridine	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Acridine	µg/l	0.01																								
	Anthracene	µg/l	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Benzo(a)anthracene	µg/l	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
	Benzo(a) pyrene	µg/L	0.009	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0
	Benzo(a) pyrene	µg/l	0.005																								
	Benzo(b+j)fluoranthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(b+j)fluoranthene	µg/l	0.01																								
	Benzo(b & k)fluoranthene	µg/l	0.015																								
	Benzo(g,h,i)perylene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(g,h,i)perylene	µg/l	0.01																								
	Benzo(k)fluoranthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Benzo(k)fluoranthene	µg/l	0.01																								
	Chrysene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Chrysene	µg/l	0.01																								
	Dibenz(a,h)anthracene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Dibenz(a,h)anthracene	µg/l	0.005																								
	Fluoranthene	µg/L	0.02	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0
	Fluoranthene	µg/l	0.01																								
	Fluorene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Fluorene	µg/l	0.01																								
	Indeno(1,2,3-c,d)pyrene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Indeno(1,2,3-c,d)pyrene	µg/l	0.01																								
	Naphthalene	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Naphthalene	µg/l	0.05																								
	Phenanthrene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Phenanthrene	µg/l	0.02																								
	Pyrene	µg/L	0.02	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0
	Pyrene	µg/l	0.01																								
	Quinoline	µg/L	0.5																								
	Quinoline	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0
	Quinoline	µg/l	0.05																								
	Light Molecular Weight (PAH Sum)	µg/L	0.5																								
	Light Molecular Weight (PAH Sum)	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	PAHs (Sum of total)	µg/L	0.5																								
	PAHs (Sum of total)	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0

DILLON CONSULTING

Field Duplicates (water)
Filter: ALL

	Lab Report Number	B540628	B540628	**RPD**	B542667	B542667	**RPD**	B545872	B545872	**RPD**	B547761	B547761	**RPD**	B549906	B549906	**RPD**	L2195291	L2195291	**RPD**	L2240838	L2240838	**RPD**	L2295044	L2295044	**RPD**
	Field ID	A3(B)	A3(B)-DUP		A2	A2-DUP		A5	A5-DUP		A5	A5-DUP		A5	A5-DUP		M1	M1-DUP		A1	A1-DUP		G1	G1-DUP	
	Sampled Date/Time	5/15/2015	5/15/2015		5/21/2015	5/21/2015		5/28/2015	5/28/2015		6/5/2015	6/5/2015		6/11/2015	6/11/2015		11/9/2018	11/9/2018		3/4/2019	3/4/2019		6/17/2019	6/17/2019	
Number of RPDs over standard range				**15**			**8**			**7**			**6**			**5**			**1**			**2**			**0**
Chemical	**Chemical Name**	**Units**	**EQL**																						
Calculated	Alkalinity (Bicarbonate as CaCO3)	µg/l	1000														129000	125000	3	167000	170000	2	101000	99300	2
	Alkalinity (Carbonate as CaCO3)	µg/l	500																						
	Alkalinity (Carbonate as CaCO3)	µg/l	1000														3600	<1000	113	2800	<1000	95	5600	5400	4
	Alkalinity (Hydroxide) as CaCO3	µg/l	1000														<1000	<1000	0	<1000	<1000	0	<1000	<1000	0
	Alkalinity (total) as CaCO3	µg/l	500	126000	125000	1	116000	119000	3	108000	102000	6	104000	101000	3	108000	137000	24								
	Alkalinity (total) as CaCO3	µg/l	1000														133000	125000	6	170000	170000	0	107000	105000	2
	Sulphur (as S)	µg/l	500														24700	24600	0	6260	6570	5	5970	5960	0
	Sulphur (as S)	µg/l	3000	3700	4000	8	3200	<3000	6	<3000	<3000	0	<3000	<3000	0	<3000	<3000	0								
	Sulphur (as S)	µg/l	2000																						
	Sulphur (as S)	µg/l	15000																						
	Sulphur (as S)	µg/l	10000																						
	Sulphur (as S) (Filtered)	µg/l	500														23000	22800	1	6320	6160	3	5640	5470	3
	Sulphur (as S) (Filtered)	µg/l	3000	4400	4600	4	<3000	<3000	0	<3000	<3000	0	<3000	<3000	0	<3000	<3000	0								
	Sulphur (as S) (Filtered)	µg/l	2000																						
	Sulphur (as S) (Filtered)	µg/l	10000																						
	Hardness as CaCO3	µg/l	500														201000	204000	1	179000	181000	1	125000	124000	1
	Hardness as CaCO3 (Filtered)	µg/l	500	159000	132000	19	115000	129000	11	113000	116000	3	113000	115000	2	115000	113000	2								
Parameters																									
Physical P	Filter and Preserve	-		999	999	0	999	999	0	999	999	0	999	999	0	999	999	0								
operties																									
General C	Bicarbonate	µg/l	500	154000	152000	1	142000	145000	2	132000	125000	5	127000	124000	2	132000	168000	24								
	Carbonate	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0								
	Hydroxide	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0								
	phenolphthalein alkalinity	µg/l	500	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0	<500	<500	0								
	Ammonia	µg/l	5	24	8.9	92	27	33	20	<5	6.7	29	8.3	<5	50	6.6	11	50								
	Ammonia (as N)	µg/l	5														<5	8.3	50	6.6	<5	28	<5	<5	0
	Kjeldahl Nitrogen Total	µg/l	50														135	162	18	<50	<50	0	89	87	2
	Nitrate (as N)	µg/l	5														457	458	0	78.8	76.1	3	<5	<5	0
	Nitrate (as N)	µg/l	20	34	31	9	<20	<20	0	23	23	0	<20	<20	0	<20	<20	0								
	Nitrate (as NO3-)	µg/l	20																						
	Nitrate + Nitrite (as N)	µg/l	5.1														458	460	0	78.8	76.1	3	<5.1	<5.1	0
	Nitrate + Nitrite (as N)	µg/l	20	34	31	9	<20	<20	0	23	23	0	<20	<20	0	<20	<20	0								
	Nitrite (as N)	µg/l	5	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0								
	Nitrite (as N)	µg/l	1														1.3	1.2	8	<1	<1	0	<1	<1	0
	Nitrogen (N)	µg/l	20																						
	Phosphorus	µg/l	50														<50	<50	0	<50	<50	0	<50	<50	0
	Phosphorus	µg/l	5 : 50 (Dupe)																						
	Phosphorus	µg/l	5				11.2	12.6	12	<5	9	57	<5	5.4	8	5.8	<5	15								
	Phosphorus	µg/l	2	**28.3**	**6.6**	**124**											8.5	7.1	18	3.9	4.5	14	25.3	23.4	8
	Phosphorus (Filtered)	µg/l	50														<50	<50	0	<50	<50	0	<50	<50	0
	Ortho Phosphorus (as P)	µg/l	5	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0	<5	<5	0								
	Ortho Phosphorus (as P) (Filtered)	µg/l	1														3.6	3.6	0	1.1	1.2	9	15.8	15.7	1
	Electrical conductivity (lab)	µS/cm	2														375	372	1	342	349	2	226	228	1
	Electrical conductivity (lab)	µS/cm	1	258	256	1	245	245	0	213	210	1	209	211	1	213	213	0								
	Chloride	µg/l	500														1440	1430	1	1110	1100	1	<500	<500	0
	Chloride (Filtered)	µg/l	500	<500	<500	0	590	<500	17	760	<500	41	<500	<500	0	<500	<500	0								
	Fluoride	µg/l	20														128	128	0	165	162	2	91	92	1
	Fluoride	µg/l	10	150	150	0	130	150	14	73	73	0	78	80	3	86	88	2								
	Bromide	µg/l	50														<50	<50	0	<50	<50	0	<50	<50	0
	Bromide	µg/l	10 : 100 (Dupe)																						
	Bromide	µg/l	10	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0								
	Dissolved Organic Carbon (Filtered)	µg/l	500	1190	1230	3	1520	1240	20	1840	1600	14	620	1150	60	1280	<500	88	1300	1380	6	550	740	29	1950	1820	7
	Total Organic Carbon (TOC)	µg/l	500	1200	2100	55	920	1370	39	620	940	41	1230	940	27	780	830	6	1550	1320	16	<500	620	21	1920	1780	8
	pH (Lab)	pH Unit	0.1														8.32	8.24	1	8.31	8.25	1	8.37	8.38	0
	pH (Lab)	pH Unit		8.25	8.16	1	8.2	8.19	0	8.18	8.05	2	8.13	8.05	1	8.15	8.17	0								
	Sulphate (SO4)	µg/l	300														69300	69200	0	19700	19700	0	17000	17000	0
	Sulphate (SO4) (Filtered)	µg/l	500	10500	10600	1	8440	7750	9	4780	4790	0	4920	4980	1	7610	7140	6								
	Hardness	µg/l	500	138000	145000	5	129000	126000	2	111000	114000	3	113000	115000	2	111000	110000	1								
	Dissolved Hardness (Filtered)	µg/l	500																						
	Total Suspended Solids (TSS)	µg/l	5000 : 4000 (Dupe)																						
	Total Suspended Solids (TSS)	µg/l	3000														<3000	<3000	0	<3000	<3000	0	3500	4700	29
	Total Suspended Solids (TSS)	µg/l	20000																						
	Total Suspended Solids (TSS)	µg/l	1000 : 2000 (Dupe)																						
	Total Suspended Solids (TSS)	µg/l	1000	**10400**	**1800**	**141**	6700	5600	18	1100	<1000	10	1000	<1000	0	<1000	<1000	0								
	Turbidity	NTU	0.1	**0.58**	**0.36**	**47**	0.54	0.52	4	0.1	0.42	123	<0.1	0.35	111	<0.1	<0.1	0	0.47	0.55	16	0.27	0.28	4	1.86	1.86	0
emistry																									
Metals	Sulfur (Filtered)	ug/L	3000																						
	Aluminium	µg/l	3														13.9	15.4	10	14.3	12.6	13	81.9	85.7	5
	Aluminium	µg/L	0.5	29.9	23.2	25	88.4	109	21	**4.64**	**10.6**	**78**	7.71	9.63	22	**3.36**	**4.72**	**34**								
	Aluminium	µg/L	0.2																						
	Aluminium (Filtered)	µg/l	1														4.8	4.4	9	1.2	<1	18	5.8	5.9	2
	Aluminium (Filtered)	µg/L	0.5	**12.2**	**1.88**	**147**	**2.33**	**14.3**	**144**	**2.38**	**3.37**	**34**	2.3	2.2	4	2.48	1.73	36								
	Aluminium (Filtered)	µg/L	0.2																						
	Antimony	µg/l	0.1														0.11	0.1	10	<0.1	<0.1	0	<0.1	<0.1	0
	Antimony	µg/L	0.05																						
	Antimony	µg/L	0.02	0.043	0.029	39	0.041	0.034	19	<0.02	0.022	10	<0.02	0.026	26	<0.02	0.022	10								
	Antimony (Filtered)	µg/l	0.1														0.1	0.11	10	<0.1	<0.1	0	<0.1	<0.1	0
	Antimony (Filtered)	µg/L	0.02	0.033	0.031	6	0.024	0.025	4	0.021	0.023	9	<0.02	<0.02	0	0.022	<0.02	10								
	Arsenic	µg/l	0.1														0.19	0.17	11	0.13	0.11	17	0.16	0.2	22
	Arsenic	µg/L	0.02	0.108	0.131	19	0.137	0.143	4	0.103	0.101	2	0.09	0.102	13	0.106	0.099	7								
	Arsenic (Filtered)	µg/l	0.1														0.16	0.17	6	0.11	0.13	17	0.15	0.15	0
	Arsenic (Filtered)	µg/L	0.02	0.131	0.113	15	0.119	0.126	6	0.09	0.103	13	0.097	0.09	7	0.11	0.097	13								
	Barium	µg/l	0.1														109	109	0	72.6	78.6	8	49.6	49.1	1
	Barium	µg/L	0.02	51.5	52.6	2	48.9	50.7	4	22.7	22.8	0	22.6	23.1	2	25.1	26.7	6								
	Barium (Filtered)	µg/l	0.1														112	119	6	72.3	72.6	0	52.1	50.6	3
	Barium (Filtered)	µg/L	0.02	55.1	52.5	5	41.6	45.4	9	22.7	23.1	2	22.5	22.8	1	26	22.7	14								
	Beryllium	µg/l	0.1														<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Beryllium	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0								
	Beryllium (Filtered)	µg/l	0.1														<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Beryllium (Filtered)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0								
	Bismuth	µg/l	0.05														<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
	Bismuth	µg/L	0.02																						
	Bismuth	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0								
	Bismuth (Filtered)	µg/l	0.05														<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0

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Field Duplicates (water) Filter: ALL																												
	Lab Report Number		B540628	B540628		B542667	B542667		B545872	B545872		B547761	B547761		B549906	B549906		L2195291	L2195291		L2240838	L2240838		L2295044	L2295044		
	Field ID		A3(B)	A3(B)-DUP		A2	A2-DUP		A5	A5-DUP		A5	A5-DUP		A5	A5-DUP		M1	M1-DUP		A1	A1-DUP		G1	G1-DUP		
	Sampled Date/Time		5/15/2015	5/15/2015	**RPD**	5/21/2015	5/21/2015	**RPD**	5/28/2015	5/28/2015	**RPD**	6/5/2015	6/5/2015	**RPD**	6/11/2015	6/11/2015	**RPD**	11/9/2018	11/9/2018	**RPD**	3/4/2019	3/4/2019	**RPD**	6/17/2019	6/17/2019	**RPD**
Number of RPDs over standard range					**15**			**8**			**7**			**6**			**5**			**1**			**2**			**0**
Bismuth (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0									
Boron	µg/L	50																								
Boron	µg/L	20																								
Boron	µg/L	10	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	10	0	<10	<10	0	12	12	0
Boron (Filtered)	µg/L	50																								
Boron (Filtered)	µg/L	20																								
Boron (Filtered)	µg/L	10	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	<10	<10	0	13	13	0
Cadmium	µg/l	0.005	0.0105	0.0108	3	0.015	0.014	7	0.007	0.01	35	**0.0073**	**0.0373**	**135**	0.007	0.0073	4	0.026	0.0218	18	0.0145	0.0059	84	0.0181	0.0148	20
Cadmium (Filtered)	µg/L	0.005	0.0154	0.0088	55	0.006	0.011	59	0.006	0.006	0	0.0061	0.0074	19	0.0066	0.0056	16	0.0235	0.0227	3	0.0053	0.0056	6	0.0131	0.0081	47
Calcium	µg/l	50	38600	40800	6	35300	33600	5	29400	31000	5	30600	31600	3	29200	29400	1	50300	51000	1	48200	51200	6	28100	28000	0
Calcium	µg/l	250																								
Calcium	µg/l	10																								
Calcium (Filtered)	µg/l	50	45800	34100	29	31900	35600	11	29700	31800	7	30600	30800	1	30600	29900	2	52800	53100	1	49400	49800	1	32400	32800	1
Calcium (Filtered)	µg/l	10																								
Cesium	µg/l	0.01																<0.01	<0.01	0	<0.01	<0.01	0	0.02	0.024	18
Cesium (Filtered)	µg/l	0.01																<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Chromium Total (III+VI)	µg/L	0.5																								
Chromium Total (III+VI)	µg/l	0.1	0.26	0.25	4	0.31	0.33	6	0.23	0.26	12	0.24	0.27	12	0.27	0.3	11	0.14	0.22	44	0.25	0.23	8	0.15	0.17	13
Chromium Total (III+VI) (Filtered)	µg/L	0.1	0.29	0.21	32	0.18	0.22	20	0.28	0.28	0	0.26	0.26	0	0.28	0.3	7	0.13	0.17	27	0.2	0.18	11	0.12	<0.1	18
Cobalt	µg/l	0.1																<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
Cobalt	µg/L	0.01																								
Cobalt	µg/L	0.005	0.0326	0.0298	9	**0.126**	**0.063**	**67**	0.008	0.013	48	0.0117	0.0134	14	0.0096	0.0093	3									
Cobalt (Filtered)	µg/l	0.1																<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
Cobalt (Filtered)	µg/L	0.005	**0.0388**	**0.0099**	**119**	0.012	0.019	45	0.01	0.008	22	0.0101	0.0095	6	0.008	0.0082	2									
Copper	µg/l	0.5																<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Copper	µg/L	0.2																								
Copper	µg/L	0.05	**0.166**	**0.335**	**67**	0.254	0.222	13	0.09	0.1	11	**0.117**	**0.487**	**123**	0.113	0.099	13									
Copper (Filtered)	µg/l	0.2																0.21	0.23	9	<0.2	0.33	49	0.24	0.28	15
Copper (Filtered)	µg/L	0.05	**0.44**	**0.109**	**121**	**0.085**	**0.27**	**104**	0.085	0.065	27	0.082	0.089	8	0.08	0.213	91									
Iron	µg/L	5																								
Iron	µg/l	10																18	30	50	27	14	63	76	82	8
Iron	µg/L	1	**51.9**	**36.8**	**34**	141	161	13	**4.1**	**10.4**	**87**	**3.6**	**8.9**	**85**	2.9	4.1	34									
Iron (Filtered)	µg/l	10																**68**	**23**	**99**	<10	<10	0	<10	<10	0
Iron (Filtered)	µg/L	1	**16.1**	**1.2**	**172**	**2.9**	**12.1**	**123**	<1	<1	0	<1	1.1	10	2.7	2	30									
Lead	µg/l	0.05																<0.05	<0.05	0	<0.05	<0.05	0	0.104	0.082	24
Lead	µg/L	0.005	0.0426	0.0386	10	0.099	0.108	9	0.005	0.023	129	**0.005**	**0.0264**	**136**	0.0064	0.0057	12									
Lead (Filtered)	µg/l	0.05																<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Lead (Filtered)	µg/L	0.005	**0.0258**	**<0.005**	**135**	<0.005	0.018	113	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0									
Lithium	µg/l	1																5.9	5.9	0	4	4.1	2	5	5.1	2
Lithium	µg/L	0.5	1.87	1.78	5	2.28	2.35	3	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0									
Lithium (Filtered)	µg/l	1																5.7	5.8	2	4.1	4.1	0	5.2	5.1	2
Lithium (Filtered)	µg/L	0.5	2.53	1.99	24	1.98	2	1	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0									
Magnesium	µg/l	50	10200	10400	2	9920	10200	3	9250	8860	4	8830	8850	0	9290	8980	3									
Magnesium	µg/l	5																16600	16900	2	12900	13100	2	10600	10700	1
Magnesium	µg/l	250																								
Magnesium	µg/l	10																								
Magnesium (Filtered)	µg/l	50	10900	11300	4	8690	9760	12	9370	8890	5	8960	9140	2	9250	9420	2									
Magnesium (Filtered)	µg/l	5																16800	17300	3	13600	13700	1	10600	10300	3
Magnesium (Filtered)	µg/l	10																								
Manganese	µg/l	0.1																1.14	1.17	3	**1.49**	**1.06**	**34**	2.91	2.75	6
Manganese	µg/L	0.05	1.24	1.24	0	**3.3**	**4.53**	**31**	**0.194**	**0.526**	**92**	**0.194**	**0.424**	**74**	0.154	0.154	0									
Manganese (Filtered)	µg/l	0.1																0.82	0.77	6	0.69	0.71	3	0.35	0.33	6
Manganese (Filtered)	µg/L	0.05	**2.41**	**0.12**	**181**	**0.497**	**1.28**	**88**	<0.05	<0.05	0	<0.05	<0.05	0	0.059	0.067	13									
Mercury	µg/L	0.01																								
Mercury	µg/L	0.01																								
Mercury	µg/l	0.005																<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
Mercury	µg/L	0.002	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0									
Mercury (Filtered)	µg/L	0.01																								
Mercury (Filtered)	µg/L	0.01																								
Mercury (Filtered)	µg/l	0.005																<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0
Mercury (Filtered)	µg/L	0.002	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0									
Molybdenum	µg/l	0.05	0.472	0.502	6	0.432	0.441	2	0.181	0.177	2	0.162	0.168	4	0.218	0.253	15	0.838	0.842	0	0.642	0.673	5	0.818	0.811	1
Molybdenum (Filtered)	µg/L	0.05	0.531	0.471	12	0.347	0.44	24	0.17	0.167	2	0.17	0.179	5	0.242	0.203	18	0.843	0.803	5	0.632	0.683	8	0.87	0.825	5
Nickel	µg/l	0.5																1.5	1.51	1	<0.5	<0.5	0	<0.5	<0.5	0
Nickel	µg/L	0.1																								
Nickel	µg/L	0.02	0.24	0.316	27	0.349	0.359	3	**0.174**	**0.264**	**41**	0.205	0.207	1	**0.248**	**0.121**	**69**									
Nickel (Filtered)	µg/l	0.5																1.33	1.34	1	<0.5	<0.5	0	<0.5	<0.5	0
Nickel (Filtered)	µg/L	0.02	**0.386**	**0.16**	**83**	**0.142**	**0.257**	**58**	**0.201**	**0.14**	**36**	0.156	0.167	7	**0.114**	**0.281**	**85**									
Potassium	µg/l	50	288	302	5	310	317	2	170	159	7	151	168	11	172	161	7	669	664	1	405	411	1	485	494	2
Potassium	µg/l	250																								
Potassium	µg/l	10																								
Potassium (Filtered)	µg/l	50				250	292	15	171	165	4	158	161	2	159	163	2	647	666	3	**414**	**627**	**41**	491	492	0
Potassium (Filtered)	µg/l	100	330	320	3																					
Potassium (Filtered)	µg/l	10																								
Rubidium	µg/l	0.2																0.27	0.33	20	0.23	0.21	9	0.4	0.41	2
Rubidium (Filtered)	µg/l	0.2																0.27	0.29	7	<0.2	0.4	67	0.22	0.22	0
Selenium	µg/l	0.05																1.64	1.69	3	0.574	0.677	16	0.355	0.391	10
Selenium	µg/L	0.04	0.358	0.375	5	0.327	0.307	6	0.219	0.227	4	0.211	0.215	2	0.284	0.287	1									
Selenium (Filtered)	µg/l	0.05																1.59	1.61	1	0.624	0.739	17	0.365	0.364	0
Selenium (Filtered)	µg/L	0.04	0.443	0.355	22	0.278	0.354	24	0.218	0.231	6	0.219	0.208	5	0.259	0.264	2									
Silicon	µg/L	50	1590	1580	1	1460	1380	6	1270	1300	2	1360	1410	4	1320	1290	2									
Silicon	µg/l	100																2040	2000	2	2180	2290	5	2570	2640	3
Silicon (Filtered)	µg/L	50	**1490**	**2170**	**37**	1410	1590	12	1160	1220	5	1310	1350	3	1280	1310	2	1890	1920	2	2150	2140	0	2480	2360	5
Silicon (Filtered)	µg/L	100																								
Silver	µg/l	0.01																<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Silver	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0									
Silver (Filtered)	µg/l	0.01																<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Silver (Filtered)	µg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0									
Sodium	µg/l	50	927	984	6	798	814	2	188	190	1	189	225	17	207	200	3	3750	3820	2	1870	2050	9	1840	1860	1
Sodium	µg/l	250																								
Sodium	µg/l	10																								
Sodium (Filtered)	µg/l	50	1040	1040	0	675	793	16	191	202	6	202	214	6	200	207	3	3820	4050	6	1830	2060	12	2040	2110	3
Sodium (Filtered)	µg/l	10																								
Strontium	µg/l	0.2																160	161	1	130	134	3	109	110	1
Strontium	µg/L	0.05	86.8	88.8	2	76.3	78.5	3	24.8	23.6	5	23.1	23.2	0	24.5	23.8	3									

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Field Duplicates (water) Filter: ALL																																
	Lab Report Number		B540628	B540628		B542667	B542667		B545872	B545872		B547761	B547761		B549906	B549906		L2195291	L2195291		L2240838	L2240838		L2295044	L2295044							
	Field ID		A3(B)	A3(B)-DUP		A2	A2-DUP		A5	A5-DUP		A5	A5-DUP		A5	A5-DUP		M1	M1-DUP		A1	A1-DUP		G1	G1-DUP							
	Sampled Date/Time		5/15/2015	5/15/2015	**RPD**	5/21/2015	5/21/2015	**RPD**	5/28/2015	5/28/2015	**RPD**	6/5/2015	6/5/2015	**RPD**	6/11/2015	6/11/2015	**RPD**	11/9/2018	11/9/2018	**RPD**	3/4/2019	3/4/2019	**RPD**	6/17/2019	6/17/2019	**RPD**						
	Number of RPDs over standard range				**15**			**8**			**7**			**6**			**5**			**1**			**2**			**0**						
	Strontium (Filtered)	µg/l	0.2															163	160	2	125	131	5	117	117	0						
	Strontium (Filtered)	µg/L	0.05	92.7	100	8	68.5	74	8	25.4	24.3	4	23.2	23.7	2	22.8	23.3	2														
	Tellurium	µg/l	0.2															<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0						
	Tellurium (Filtered)	µg/l	0.2															<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0						
	Thallium	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Thallium	µg/L	0.002	0.0041	0.0038	8	0.006	0.007	15	0.003	0.004	29	0.0021	0.0023	9	0.0025	0.0032	25														
	Thallium (Filtered)	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Thallium (Filtered)	µg/L	0.002	0.0029	0.0023	23	0.003	0.003	0	0.003	0.004	29	0.0022	0.002	10	0.0024	0.002	18														
	Thorium	µg/l	0.1															<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0						
	Thorium (Filtered)	µg/l	0.1															<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0						
	Tin	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0														
	Tin	µg/l	0.1															<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0						
	Tin (Filtered)	µg/L	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0														
	Tin (Filtered)	µg/l	0.1															<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0						
	Titanium	µg/L	5																													
	Titanium	µg/l	1.5																					<1.5	<1.5	0						
	Titanium	µg/L	0.5	<0.5	<0.5	0	1.02	1.15	12	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0														
	Titanium	µg/l	0.3															<0.3	<0.3	0	<0.3	<0.3	0									
	Titanium (Filtered)	µg/L	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0														
	Titanium (Filtered)	µg/l	0.3															<0.3	<0.3	0	<0.3	<0.3	0	<0.3	<0.3	0						
	Tungsten	µg/l	0.1															<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0						
	Tungsten (Filtered)	µg/l	0.1															<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0						
	Uranium	µg/l	0.01															0.76	0.763	0	0.638	0.632	1	0.139	0.141	1						
	Uranium	µg/L	0.005																													
	Uranium	µg/L	0.002	0.457	0.478	4	0.391	0.412	5	0.293	0.299	2	0.286	0.298	4	0.357	0.376	5														
	Uranium (Filtered)	µg/l	0.01															0.721	0.719	0	0.635	0.644	1	0.155	0.144	7						
	Uranium (Filtered)	µg/L	0.002	0.484	0.467	4	0.356	0.38	7	0.299	0.294	2	0.296	0.295	0	0.384	0.332	15														
	Vanadium	µg/l	0.5															<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						
	Vanadium	µg/L	0.2	<0.2	<0.2	0	0.27	0.26	4	<0.2	0.21	5	<0.2	<0.2	0	<0.2	<0.2	0														
	Vanadium (Filtered)	µg/l	0.5															<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						
	Vanadium (Filtered)	µg/L	0.2	0.31	<0.2	43	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	0.2	<0.2	0														
	Zinc	µg/l	3															<3	<3	0	<3	<3	0	<3	<3	0						
	Zinc	µg/L	1																													
	Zinc	µg/L	0.1	**0.87**	**2.03**	**80**	1.07	1.14	6	**0.45**	**1.99**	**126**	**0.53**	**2.6**	**132**	**1.43**	**0.62**	**79**														
	Zinc (Filtered)	µg/l	1															<1	<1	0	<1	4.5	127	<1	<1	0						
	Zinc (Filtered)	µg/L	0.1	**5.95**	**0.85**	**150**	**0.22**	**6.68**	**187**	0.3	0.36	18	0.32	0.36	12	**0.34**	**0.54**	**45**														
	Zirconium	µg/l	0.2																					<0.2	<0.2	0						
	Zirconium	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0														
	Zirconium	µg/l	0.06															<0.06	<0.06	0	<0.06	<0.06	0									
	Zirconium (Filtered)	µg/l	0.2																					<0.2	<0.2	0						
	Zirconium (Filtered)	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0														
	Zirconium (Filtered)	µg/l	0.06															<0.06	<0.06	0	<0.06	<0.06	0									
Polycyclic	1-Methylnaphthalene	µg/l	0.05															<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0						
	2-Methylnaphthalene	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0														
	2-Methylnaphthalene	µg/l	0.05															<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0						
	Acenaphthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Acenaphthene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Acenaphthylene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Acenaphthylene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Acridine	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Acridine	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Anthracene	µg/l	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Benzo(a)anthracene	µg/l	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Benzo(a) pyrene	µg/L	0.009	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0	<0.009	<0.009	0														
	Benzo(a) pyrene	µg/l	0.005															<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0						
	Benzo(b+j)fluoranthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Benzo(b+j)fluoranthene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Benzo(b & k)fluoranthene	µg/l	0.015															<0.015	<0.015	0	<0.015	<0.015	0	<0.015	<0.015	0						
	Benzo(g,h,i)perylene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Benzo(g,h,i)perylene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Benzo(k)fluoranthene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Benzo(k)fluoranthene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Chrysene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Chrysene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Dibenz(a,h)anthracene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Dibenz(a,h)anthracene	µg/l	0.005															<0.005	<0.005	0	<0.005	<0.005	0	<0.005	<0.005	0						
	Fluoranthene	µg/L	0.02	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0														
	Fluoranthene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Fluorene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Fluorene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Indeno(1,2,3-c,d)pyrene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Indeno(1,2,3-c,d)pyrene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Naphthalene	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0														
	Naphthalene	µg/l	0.05															<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0						
	Phenanthrene	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	Phenanthrene	µg/l	0.02															<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0						
	Pyrene	µg/L	0.02	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0	<0.02	<0.02	0														
	Pyrene	µg/l	0.01															<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0						
	Quinoline	µg/L	0.5																													
	Quinoline	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0														
	Quinoline	µg/l	0.05															<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0						
	Light Molecular Weight (PAH Sum)	µg/L	0.5																													
	Light Molecular Weight (PAH Sum)	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0														
	Heavy Molecular Weight (PAH Sum)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0														
	PAHs (Sum of total)	µg/L	0.5																													
	PAHs (Sum of total)	µg/L	0.24	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0	<0.24	<0.24	0														

*RPDs have only been considered where a concentration is greater than 5 times the EQL.
**High RPDs are in bold (Acceptable RPDs for each EQL multiplier range are: 30 (5-50 x EQL); 30 (50-100 x EQL); 30 (> 100 x EQL))
***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those

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