

EEE: Non-Basic Project Environmental Effects Evaluation Form

Section A: Project Identification

Project Title: Albion Road Gravel Pit Project (OIAA)

Project Location: 4788 Albion Road

Lead authority: Ottawa International Airport Authority

Contact Name: Delroy Brown

Title: Manager, Airport Planning and Municipal Affairs

Telephone No.: 613-248-2000x1909

Email address: Delroy.Brown@yow.ca

Other authority(ies): _____

Contact Information (if required): _____

Section B: Project Description and Description of the Environment

Project Description:

This proposal would permit the establishment of a sand and gravel pit operation. The pit operations include stockpiling and processing of aggregates, as well as shipping of aggregate. Rehabilitation will be undertaken progressively, with the final land use plan to restore the extracted area to natural environment and agricultural after uses. The operations and rehabilitation of the pit are designed to minimize impacts.

Complete the below table in detail commensurate with the complexity and potential for environmental effects attached to each project phase. Keep the project phases in work sequence if possible. Add additional rows as required.

Project Phase	Project activities/components (core and ancillary)
Site preparation	Construction of entrance onto Albion Rd., construct berms, stripping of topsoil and overburden
Site operations	Excavation of sand and gravel; processing including crushing, screening and sorting of aggregate materials; loading and shipping trucks
Rehabilitation	Grading, topsoil and seeding

Description of the Environment (if applicable):

Site is vacant land. Area of proposed activity is open field. There is a forest and woodlot located to the west of the proposed pit.

Section C: Consultation and Engagement

Is there public concern accompanying this project?
Yes No

Public consultation will be undertaken to inform the neighbouring landowners of the proposed activities and respond to any concerns

Was the public consulted beyond the Registry comment period?
Yes No

Yes, the public was invited to provide any comments up until August 3, 2020

Were Indigenous Peoples engaged and consulted?
Yes No

No

Were other experts/ jurisdictions consulted?
Yes No

City of Ottawa and local Conservation Authority have been consulted about this project

How have you addressed the concerns that were raised?

There were no concerns raised

Section D: Identify Environmental Effects

Complete the following tables in order to identify the relevant potential adverse environmental effects. Answers of "Yes, and can be managed through Technically and Economically Feasible Mitigation Measures" should be addressed in Section E. Answers of "Yes, but must be managed through other mitigation measures" should be addressed in Section F. Refer to the [section 81 guidance](#) for additional information.

Biophysical effects	NO	Yes, and can be managed through technically and economically feasible mitigation measures	Yes, but must be managed through other mitigation measures
Does the project have the potential to:			
Harmfully alter, disturb, or destroy vulnerable natural features?	X		
Release a polluting substance into the land, water or air?		X	
Alter landscape features (e.g. resource extraction, deforestation, clearing of vegetation)?		X	
Affect birds, aquatic animals ¹ , and wildlife (flora and fauna), including species at risk and its critical habitat?		X	
Result in alteration of water level, quality, flow or management regime in a water body, or result in other important changes to surface or groundwater resources (including well water)?	X		
Cause sensory disturbances, such as noise and/or vibrations?		X	
Cause any other change to the environment on federal lands or incidental to a federal decision? If so, define:	X		

¹ Adapted from "Effects to Valued Components – Environment". TISG Template. Pg 47-48.

Indigenous rights			
Does the project have the potential to result in changes to the environment that may affect Indigenous peoples, specifically:	NO	Yes, and can be managed through technically and economically feasible mitigation measures	Yes, but must be managed through other mitigation measures
Social, economic, and health conditions (e.g. impact to an Indigenous fishery resulting from a change in fish population)	X		
Physical and cultural heritage, use of lands and resources for traditional purposes, or anything of historical, archaeological, paleontological or architectural significance	X		
Indigenous culture	X		
Indigenous knowledge	X		

Health			
Does the project have the potential to result in changes to the environment that may affect the following health factors²:	NO	Yes, and can be managed through technically and economically feasible mitigation measures	Yes, but must be managed through other mitigation measures
Human health	X		

Social			
Does the project have the potential to result in changes to the environment that may affect the following social factors³:	NO	Yes, and can be managed through technically and economically feasible mitigation measures	Yes, but must be managed through other mitigation measures
Services and infrastructure	X		
Land and resource use and recreation	X		
Navigation	X		
Community well-being	X		
Structure, site, things of historical, archaeological, paleontological or architectural significance	X		

Economic			
Does the project have the potential to result in changes to the environment that may affect the following economic factors⁴:	NO	Yes, and can be managed through technically and economically feasible mitigation measures	Yes, but must be managed through other mitigation measures
Economic conditions and livelihoods (e.g., impact to agriculture from a change in livestock health and productivity)	X		

² Adapted from "Effects to Valued Components – Human Health". TISG Template. Pg 53.

³ Adapted from "Effects to Valued Components – Social". TISG Template. Pg 54-57.

⁴ Adapted from "Effects to Valued Components – Economics". TISG Template. Pg 58.

Section E: Established and Effective Mitigation Measures

Summarize the potential adverse environmental effects as well as any corresponding technically and economically feasible mitigation measures which will be implemented should the project proceed. Establish if the environmental effect relates to Indigenous rights (I.R.), and/or health (H), social (S) economic (E) conditions by checking the corresponding box for each completed row. Consult Step 4b of the Guide for help determining what constitutes these effects. Add rows as needed.

Environmental effect:	I.R.	H	S	E	Effective and established mitigation measure:
Air Quality		X			Dust to be managed on site using water or calcium chloride
Noise Impact		X			Restriction on operations to daytime hours; locating processing equipment on the pit floor; construction of perimeter berms for noise attenuation
Natural Environment			X		Restriction on clearing of vegetation during breeding season, and restoring grassland areas progressively as extraction is completed. Sediment and erosion control measures are recommended during construction and site clearing at the edges of the proposed excavation limits.
Water Resources		X			Groundwater level monitoring

Section F: Other Environmental Effects and Mitigation Measures

Complete the following table for potential environmental effects and corresponding mitigation measures that do not meet the definition for effective and established but are technically and economically feasible. Consult Step 4b of the Guide for help determining what constitutes environmental effects. Copy and paste the table as many times as necessary.

Potential adverse environmental effect:			Proposed mitigation measure:		
NA			NA		
Magnitude of residual effect	Reversibility of residual effect	Geographic extent of residual effect	Timing of residual effect	Duration of residual effect	Frequency of residual effect
Small/ moderate/ large.	Reversible/ irreversible.	Immediate/ local/ regional.		Short-term/ medium-term/ long-term.	Once/ intermittent/ continuous.
Residual Effects:	Select significance of residual effects				
Monitoring:	Required/not required. Expand as necessary.				
Comments:	Any additional comments.				

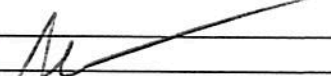
Section G: Determination

Taking into account the section 84 factors under IAA, this project is:

X	Not likely to cause significant adverse environmental effects
	Likely to cause significant adverse environmental effects
Rationale:	Based on the technical studies that have been undertaken, there are no significant adverse environmental effects expected with the proposed activity.

Section H: Sign-off and Approval

Completed by:

Comments: Enter any additional comments you consider warranted here.		
Name THOMAS CAVANAGH		enter date
Organization CONSTROW LTD		Date AUG 25, 2020

Copy and paste the below table for each authority, as required, which approves the information and decisions described in this form.

Sign-off and Approval:

Comments: Enter any additional comments you consider warranted here.		
Ottawa Macdonald-Cartier International Airport Authority	Yvon Larochelle	7/22/2020
Organization	Signature	Date