



Why complete a Baseline Environmental Program?

Environmental baseline program and studies have been completed to provide the Federal and Provincial regulatory bodies 3 basic concepts:

- Develop an understanding of the natural environment before development;
- Support design and development decisions with consideration for adverse effects on the environment;
- Support the design and implementation of monitoring over the course of operations, and provide support to reclamation and closure design.



TREASURY METALS

INCORPORATED

Federal Environmental Assessment and Permitting

Treasury Metals must complete an Environmental Impact Statement (EIS) as per the guidelines issued by the **Canadian Environmental Assessment Agency**.

- The EIS and Environmental Assessment (EA) process serves as a planning and review tool for all projects. The process requires the identification of any possible adverse effects resulting from a project and ensures that all potential impacts are mitigated, reduced, or accommodated. The process also encourages a proponent and permit approval decision makers to initiate actions that promote sustainable development.
- The EIS and EA process includes opportunities for the local public and First Nations to attend a number of information sessions to review and provide feedback on the project.
- The steps and timelines for participation within the Federal timeline are illustrated.

Provincial Mine Permitting and Closure Plan

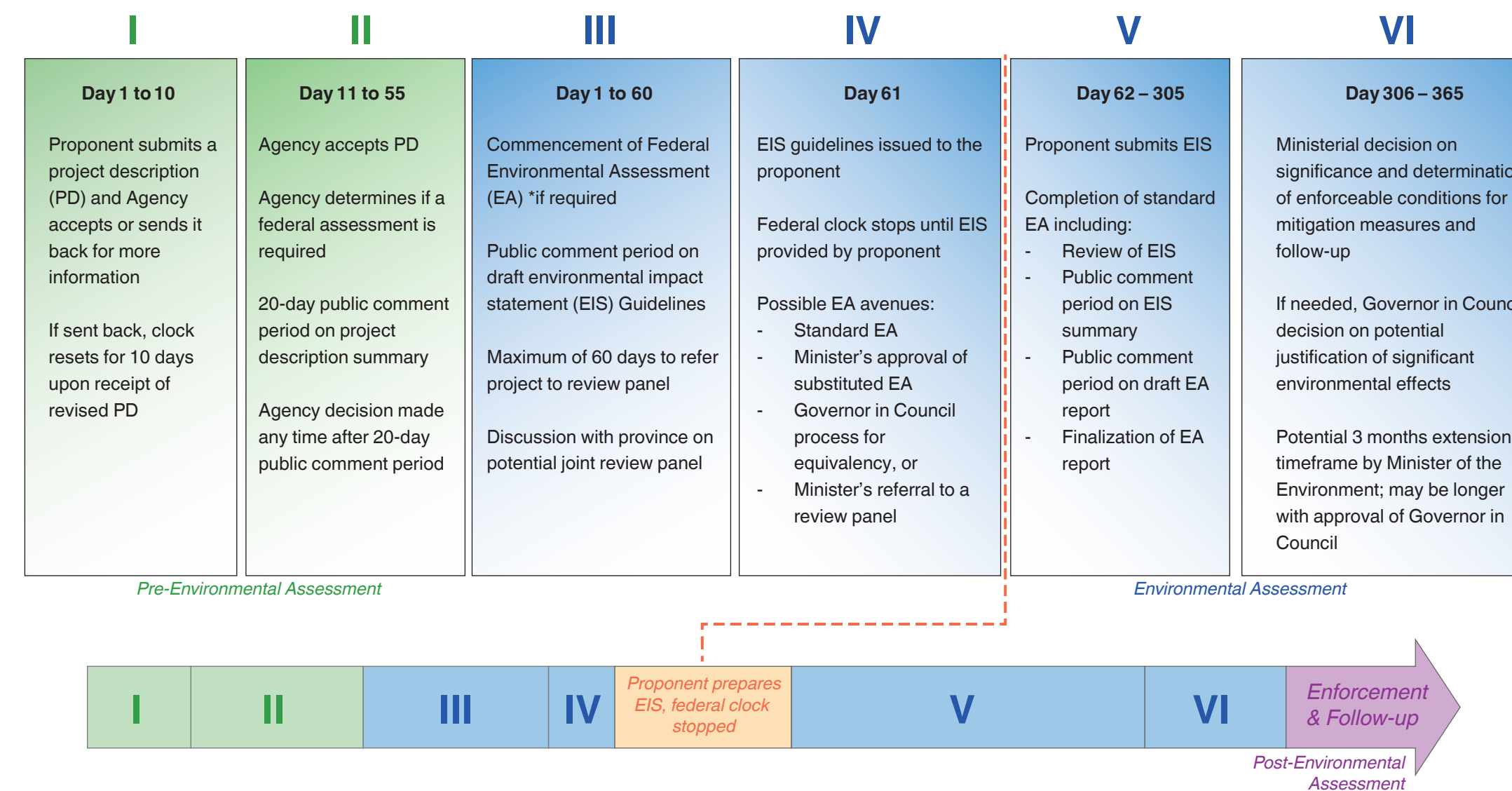
Treasury Metals will be required to complete up to 50+ Provincial individual Class environmental permits. The Provincial permitting process is initiated upon approval of the Federal EA by the Canadian Environmental Assessment Agency and the Minister of Natural Resources.

- The regulatory bodies of the Province include but are not limited to:
 - + Ministry of Infrastructure;
 - + Ministry of Labour;
 - + Ministry of Natural Resources;
 - + Ministry of Northern Development and Mines;
 - + Ministry of the Environment and Climate Change;
 - + Ministry of Tourism Culture and Sport;
 - + Ministry of Transportation; and
 - + Hydro One Networks Inc.
- The Provincial permitting process provides for public and First Nation input.
- The Closure Plan for the Goliath Project must be approved by the Director of Mine Rehabilitation under the Ministry of Northern Development and Mines prior to project approval.

Goliath Baseline Studies

- Treasury Metals has been conducting environmental baseline studies on the Goliath Project since 2010. Internationally recognised consulting firms have been engaged in the development and construction of baseline data studies for the Goliath Project.
- Studies that have been completed include:
 - + Surface Water and Hydrology;
 - + Groundwater;
 - + Aquatics;
 - Fisheries, Benthic Invertebrates, Sediment.
 - + Terrestrial Biology;
 - Birds, Mammals, Reptiles, Amphibians, and Invertebrates.
 - + Wetlands and Vegetation;
 - + Soils;
 - + Noise, Air Quality, and Light;
 - + Geochemical, and Geotechnical;
 - + Archeology; and
 - + Socio-economic.

Standard Environmental Assessment Process



Closure of the Goliath Project

- Ministry of Northern Development and Mines (MNDM) is the regulatory body that reviews and approves the closure plan of the Goliath Gold Project.
- The closure plan applicant (Treasury Metals) must ensure that the rehabilitation is carried out in accordance with the standards and requirements outlined in MNDM's Rehabilitation Code.
- Highlighted features of the closure plan for the Goliath Project include:
 - + Financial Bond to cover final closure costs set up prior to project approval;
 - + Tailings storage facility design reviewed by independent third party prior to project approval;
 - + Ongoing monitoring of site and ground water after closure;
 - + Capping of the Waste Rock Storage Area;
 - + Capping of the Tailings Storage Facility; and
 - + Progressive rehabilitation.
 - Visual representation of proposed closure site will be available in the near future.

