

SECTION 806

CONTRACTOR ENVIRONMENTAL MITIGATION PLAN (CEMP)

A Contractor Environmental Mitigation Plan (CEMP) shall be required for all structures with spans greater than 3.0m, or where specified as a requirement in the contract documents.

Prior to the commencement of construction, the Contractor shall submit to the Department for review and acceptance a CEMP. The CEMP is required to show understanding and mitigations for any planned activities that may interact with a valued ecosystem component.

The Contractor shall abide by restrictions provided by the Water Resources Management Division, Provincial Department of Environment and Climate Change on any in-stream activity or alteration to a body of water. The Contractor shall apply for approvals and comply with requirements of "Guidelines for Applying to Alter a Body of Water" and conditions of the Blanker Permit No: ALT12989-2023 (or latest version thereof).

<https://www.gov.nl.ca/ecc/waterres/permits-licenses/appforms/>

https://www.gov.nl.ca/ecc/files/ALT12989-2023_Various-Waterbodies-Maintenance-Works-Projects-2023-2025-Blanket-Permit.pdf

Any environmental protection measures outlined in Division 8 of the Department's Specifications Book shall be incorporated into the CEMP.

The CEMP shall include:

- Pre-construction planning, including the identification of project-environmental interactions (e.g., wildlife, habitat, plants, resource users, waste management, etc.);
- Detailed environmental mitigation measures for planned activities to avoid negative or irreversible environmental impacts;
- Contingency plans for unplanned events;
- Scheduling of a Contractor environmental awareness and training session (with DTI participation);
- List of DTI and Contractor contacts and reporting numbers; and
- Decommissioning Plan that includes site rehabilitation measures.

The CEMP shall follow the template requirements outlined below:

CEMP TEMPLATE

All submissions should be presented in report style manner with proper formatting including a cover page and a table of contents. The cover page should state the project number, project description and company name with contact information.

Section 1: Project Location and Description

- This section should clearly identify the exact project location identifying all project limits (a map would be recommended for clarification).
- The project description should summarize the tendered scope of work

Section 1.1 Job Procedure and Schedule.

- A step by step process is preferred to ensure order of tasks are clearly understood.
- For those projects with separate parts, it is recommended to provide a separate step by step process for each part.
- A schedule indicating proposed start date and length of each task, thereby, identifying the critical path for the project and estimated completion date.

Section 2: Potential Environmental Sensitivities and Impacts

- This section should clearly state the relevant construction activity and the potential environmental impact that those activities will have on the Valuable Ecosystem Components (VEC's). A clear understanding of the project VEC's would come from the 'Project Environmental Interaction' section in the Environmental Protection Plan (EPP) and the supplementary general condition. This should include potential effects from clearing and grubbing, site set-up, storage of product, sanitary facilities, etc.
- For clarity and formatting it is suggested this section be presented in a table format.

Section 3: Mitigation Strategies

- This section should identify and explain the proposed mitigation strategies that would be used throughout the entirety of the project including the correct procedures to follow for any unplanned events. Hydrocarbon spill procedures, dust control, etc. should also be addressed.
- This section should include a drawing/legible sketch showing a detailed plan view of the proposed worksite highlighting the mitigation strategies (settling ponds, pump placement, hose discharge location, silt fence and/or hay bales, check dam

sediment traps, coffer dams, etc.) This could be included as an Appendix if so desired.

Section 4: Permits & Authorizations

- Identify any required permits, authorizations and approvals required to carry out the scope of work.

Section 5: Monitoring & Reporting

- Explain how the contractor plans to ensure that the worksite is abiding by the CEMP
- An explanation of the reporting process showing a clear chart indicating the appropriate reporting process complete with specific names and contact information

Section 6: Communication & Document Control

- Training session for environmental awareness explaining how the CEMP will be communicated to all those involved in site activities and documentation indicating this training occurred at a preconstruction meeting and any time it is required.

Section 7: Decommissioning

- This section should include a clear & concise plan on all measures that will be taken to ensure proper rehabilitation of the construction site once the scope of work has been completed.

Suggested Appendices:

- Map of Project Location (referenced in Section 1)
- Drawings or sketch(es) of Mitigation Strategies
- DTI Environmental Protection Plan
- DTI Highways Specifications Book - Division 8: General Environmental

Requirements

- Permits & Approvals: As identified/explained in Section 2
- Any relevant sections and templates from the contractor Site Specific Safety Manual (ex. Job procedures related to any environmental considerations, incident/accident/near miss reporting, emergency response procedure with appropriate contacts)

The Contractor shall comply with conditions outlined in a Letter C (formerly called 'Letter of Advice') that is issued by Fisheries and Oceans Canada (DFO) for this project. This

letter will be provided by Owner's Representative, or assigned staff, and should be kept on site at all times during construction and decommissioning activities.

The Contractor shall be advised that any serious violations of the Contractor's Environmental Mitigation Plan or of the environmental requirements of the project contract documents will be investigated by the Department and the costs associated with such assessment(s) and required mitigations/remediation/cleanup shall be charged to the Contractor.

All equipment, labour and materials required to implement all Environmental measures outlined in the CEMP or applicable regulatory agency requirement shall be considered incidental to the project.