

ENVIRONMENTAL MANAGEMENT PLANS

VOLUME 5, SECTION 35

The Environmental Impact Statement (EIS) details the environmental assessment undertaken for the Site C Clean Energy project. The EIS includes the project rationale, identifies potential effects and proposes measures to avoid or mitigate these effects. The EIS also describes the benefits Site C would provide for customers, Aboriginal groups, northern communities and the province as a whole.

ABOUT ENVIRONMENTAL MANAGEMENT PLANS

The purpose of implementing an effective environmental management framework is to protect the environment surrounding the project during both the construction and operation phases. The objectives of the environmental management framework are to ensure that:

- Necessary mitigation measures are implemented
- The conditions upon which an Environmental Assessment Certificate may be issued, or upon which a decision under Section 53 of the Canadian Environmental Assessment Act is made, are met
- Any conditions of permits and authorizations are met
- Any other legal requirements are adhered to
- BC Hydro policies are complied with
- Monitoring and reporting requirements are fulfilled

CONSTRUCTION PHASE SAFETY AND ENVIRONMENTAL MANAGEMENT PLANS

Prior to the start of construction, management plans will be developed to cover:

- Emergency Response
- Fire Hazard and Abatement
- Public Safety Management
- Traffic Management
- Worker Safety and Health Management
- Acid Rock Drainage-Metal Leachate
- Air Quality
- Blasting
- Borrow and Quarry Sites Reclamation
- Construction Communication
- Contaminated Sites Management
- Dust Control
- Environmental Training
- Erosion Prevention and Sediment Control
- Fisheries and Aquatic Habitat
- Fuel Handling and Storage
- Groundwater Protection
- Hazardous Waste
- Heritage Resources
- Ice Management
- Noise and Vibration
- Project Vegetation, Clearing, and Debris
- Smoke
- Soil Management, Site Restoration, and Re-vegetation
- Solid Waste Management Reduction and Recycling
- Surface Water Quality
- Vegetation and Invasive Plant
- Waste
- Wildlife

OPERATIONS PHASE SAFETY AND ENVIRONMENTAL MANAGEMENT PLANS

Prior to the start of operations, plans will be developed to cover:

- Emergency Response
- Public Safety
- Reservoir Shoreline Monitoring and Management
- Worker Safety and Health Management
- Hazardous Waste Management
- Ice Management
- Materials Management
- Vegetation and Invasive Plant Management
- Waste Management
- Water Management

SAFETY AND ENVIRONMENTAL MANAGEMENT PLANS

Environmental management plans and safety management plans will be developed according to the following outline:

- Objectives
- Statutory Requirements
- BC Hydro Policies
- Voluntary Commitments
- Project Effects, Mitigation, and Environmental Protection Measures
- Training and Human Resource
- Monitoring and Reporting



ABOUT THE SITE C CLEAN ENERGY PROJECT

Site C is a proposed third dam and hydroelectric generating station on the Peace River in northeast B.C. Site C would provide 1,100 megawatts (MW) of capacity, and produce about 5,100 gigawatt hours (GWh) of electricity each year – enough energy to power the equivalent of about 450,000 homes per year in B.C.

Site C is undergoing a cooperative environmental assessment by the Canadian Environmental Assessment Agency (CEA Agency) and the British Columbia Environmental Assessment Office (EAO). The environmental assessment process commenced in August 2011 and is anticipated to take approximately three years to complete.

FOR MORE INFORMATION visit bchydro.com/sitec

PO Box 2218

Vancouver, B.C. V6B 3W2

Toll-free: 1 877 217 0777

Email: sitec@bchydro.com

Fax: 604 695 5290

Community Consultation Offices

9948 100th Avenue

Fort St. John, B.C.

V1J 1Y5

The Pearkes Center

10801 Dudley Street

Hudson's Hope, B.C. V0C 1V0