



BCTS Babine STAFF EMERGENCY RESPONSE PLAN

Environmental Emergency Contact Information

Forest Fire Reporting : **1-800-663-5555** or * **5555** on the Cantel and Telus networks

Spill Reporting and other Environmental Emergencies to Land & Water:
1-800-663-3456 Emergency Management BC (EMBC).

Natural Gas Leaks: Contact EMBC and utility company (if known): FortisBC **1-800-663-9911** (Northeast, Fraser Valley, South), Pacific Northern Gas (Northwest and Northeast) **1-800-663-1173**, Enbridge (Northeast and Fraser Valley) **1-800-663-9931**

CANUTEC (Canadian Transport Emergency Centre): **1-613-996-6666** or ***666** on cell phone

General Contact Information

Police: 911	WorkSafeBC: 1-888-621-7233, after hrs 1-866-922-4357
Ambulance: 911	Joint Rescue Coordination Centre: 1-800-567-5111 or cell #727
Fire Department: 911	Hospital: Burns Lake 1-250-692-2200 Bulkley Valley District 1-250-847-2611
Poison Control Centre: 1-800-567-8911	Water Taxi / Ferry: N/A
Helicopter / Aircraft: work in progress	Wildfire Status Website: Wildfire Status

BC Wildfire Service Phone and Fax # *(Circle Fire Centre in which activities are occurring):*

Coastal: 250 951-4201 Fax: 250-954-0819 / Southeast: 250 365-4001 Fax: 250-365-9919 / Kamloops: 250 554-7701 Fax 250-376-6549

Cariboo: 250 989-2600 Fax 250-989-2672 / Prince George: 250-565-6126 Fax: 250-565-6531 / **Northwest: 250-847-6633 Fax 250-847-2737**



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*****Insert Local Safety Emergency Response Plan Here *****

Work in progress



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FOREST FIRE PREPAREDNESS AND RESPONSE

BCTS Initial Fire Response

- Stop operations and notify other workers in the area.
- Report Forest Fires immediately to the BC Wildfire Service (BCWS) and BCTS reception.**
- The person reporting the fire shall remain in contact to communicate details of the fire suppression activities taken and what additional activities may be required.

If Alone

- Take immediate action on the fire if you believe you can safely control it yourself. Report the fire to BCWS and BCTS reception as soon as you feel that the fire can be left alone without spreading out of control.
- If the fire is beyond your ability, notify the BCWS immediately and follow their instructions. DO NOT take action on an intense fire yourself.

BCTS Initial Response to LPC Reports of Fires

1. Verify that the **BC Wildfire Service and BCTS reception** have been notified.
2. Confirm that the Licensee/Permittee/Contractor (LPC) is following the LPC environmental ERP fire response and reporting procedures.
3. Where necessary, initiate EMS Incident investigation as per Environmental Operating Procedure (EOP) - 04.

Fire ERP Roles and Responsibilities

BCTS Fire Preparedness Responsibilities

- Ensure you are trained and aware of all fire emergency responsibilities.
- Determine, by BA, the sufficient fire tool requirements for BCTS vehicles.
- Discuss with LPCs their comprehension and awareness of roles and responsibilities associated with the environmental Emergency Response Plan (eERP).
- Verify that LPCs have provided the 24 hour contact number from the eERP to **BC Wildfire Service**.
- Verify that LPCs have the minimum fire response equipment on-site as per the eERP.
- Verify that 'trained personnel' requirements are met by LPCs.
- Verify that LPCs are conducting periodic tests/drills of fire preparedness and response to an adequate level.



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SPILL PREPAREDNESS AND RESPONSE

BCTS Initial Spill Response

Where BCTS is required to Respond to a Spill;

1. Determine if immediate action is required to avoid further environmental impact. **Notify BCTS reception** prior to proceeding.
 - Follow safety procedures and put on appropriate personal protective equipment (PPE) prior to initiating any response action.
 - If Safe, **STOP THE PRODUCT FLOW!** Halt activities that are causing the spill (e.g. Close valves; elevate leaking hoses, shut off pumps, etc.). **Minimize Impact of Spill.**
 - Prior to taking action complete an incident assessment (spill identification /volume, assess potential safety, and environmental issues).
 - Within your ability using resources (hand tools, and spill response equipment) at hand, minimize the spread and impact of the spill.
 - If you feel that the spill is beyond your level of training and experience to handle, seek assistance from a spill response specialist.**
 - Due to the hazardous nature of gasoline, volatile gases should be allowed to dissipate before attempts are made to contain or mop up a gasoline spill.**

Spills to Land

- Determine extent of spill. Contain or redirect spills away from watercourses.
- Mark the perimeter of the spill, dig recovery ditches around the perimeter and recovery pits (sumps) within the spill area.
- Monitor ditches and recovery pits to ensure the collection system is effective
- Recover the product from the containment area, treat or dispose of appropriately.

Spill to Water

- In a ditch or stream contain the spill using whatever surface water containment system possible.
- Divert and corral the spilled product to a spill containment system using absorbent booms or other methods.
- Continue to sweep and corral the spilled product for recovery.

For Spills less than 25 litres

- Soak up all free products with absorbent pads, booms, and other materials.
- Place used absorbent materials in a suitable container (i.e. heavy-duty plastic bag) for disposal or recycling. Mix stained soil with loose absorbents or commercial bioremediation agents.

2. Obtain additional resources and expertise if required.
3. Where applicable, ensure party responsible for the spill has been notified and cleanup action has been initiated.

BCTS Initial Response to LPC Reports of Spills

1. Determine extent and type of spill, impacts associated with significant environmental aspects and the expertise required to plan and implement remedial activities.
2. Investigate the spill in cooperation with EMBC, other agencies and Compliance and Enforcement (C&E) to determine root cause, corrective action under EMS procedures or any procedural change to prevent a re-occurrence.
3. Where necessary initiate EMS Incident investigation as per Environmental Operating Procedure (EOP) -04.

BCTS Spill eERP Roles and Responsibilities

- Determine, by BA, any required spill kits for BCTS vehicles.
- BA contact is to be aware of potential spill sources at LPC operations.
- Discuss with LPCs their comprehension and awareness of roles and responsibilities associated with the Environmental Emergency Response Plan (eERP).
- Verify that LPCs carry spill kits (in the course of EMS inspections).
- Verify the LPC is promoting spill response awareness to an adequate level.
- Verify the LPC is completing spill kit inspections.

Spill Reporting Criteria (If in Doubt Report the Spill)

- All spills that are equal to or greater than the EMBC reportable level must be reported to EMBC as soon as possible and within 24hrs.
- Any spills of deleterious substance to a watercourse must be reported to EMBC as soon as possible and within 24hrs.

Table 1: Reportable Levels of Hazardous Materials Spills

Hazardous Material	EMBC Reportable Level ⁽¹⁾	BCTS Reportable Level ⁽²⁾
Antifreeze	25 litres	25 litres
Diesel fuel	100 litres	25 litres
Gasoline (auto & saw)	100 litres	25 litres
Greases	100 litres	25 litres
Hydraulic Oil	100 litres	25 litres
Lubricating Oils	100 litres	25 litres
Methyl Hydrate	5 litres	5 litres
Paints & Paint Thinners	100 litres	25 litres
Solvents	100 litres	25 litres
Pesticides	1 kilogram or 1 litre	1 kilogram or 1 litre
Explosives	Any	Any

(1) as required by the BC Spill Reporting Regulation

(2) or a spill of ANY quantity that enters a surface water body (e.g.: running ditch, stream, lake)



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LANDSLIDE & EROSION EVENT RESPONSE

BCTS Initial Response Activity

1. **Evaluate.** Follow applicable safety procedures and notify supervisor and other workers. If safe to do so, assess situation to determine if activities must be shutdown.
2. **Immediate Remedial Action.** Take steps to control further environmental impacts.
3. **Before Leaving the Site.** Supervisors must account for all workers before leaving the site. If a shutdown is required, park all equipment in an environmentally safe location (i.e. avoid riparian management areas, steep side slopes, steep road sections, areas with excessive soil moisture, areas within reach of standing timber, etc.).
4. **If Environmental Damage Has Occurred.** The BCTS contact must review the situation with the appropriate personnel.

BCTS Landslide & Erosion eERP Roles and Responsibilities

- Verify that BCTS and LPC operations are conducted in a manner that minimizes the risk of a landslide and major erosion event occurring.
- Verify that 'trained personnel' requirements are met by LPCs.
- Discuss with LPCs their comprehension and awareness of roles and responsibilities associated with the environmental Emergency Response Plan (eERP).
- Where necessary initiate EMS Incident investigation as per Environmental Operating Procedure (EOP)-04.

Landslide/Erosion Event Reporting Criteria

Landslides and major erosion events must be evaluated and/or reported by BCTS in ANY of the following circumstances:

- Loss or imminent loss of life or property,
 - Significant environmental damage,
 - Situations which potentially create loss of provincial revenue or funds.
 - Abnormal movement has occurred or is actively occurring at a site,
 - Abnormal sedimentation,
 - A volume of greater than 250 m³ has moved or is imminent danger of movement,
 - A land area greater than 0.25 hectares is disturbed,
 - A road or structure is damaged and requires structural repairs.
- Notify appropriate agencies, municipalities, band councils or property owners of erosion events where required.