

General Information

Roberts Bay 5.0M litre Fuel Storage Tank Facility

Date: August 6th, 2008

1. Site name Hope Bay

Site code _____

Facility name Roberts Bay Fuel Storage Facility

Number of underground storage tanks at the facility Zero

Number of shop-fabricated aboveground storage tanks at the facility Zero

Number of field-erected aboveground storage tanks at the facility One

Registered with a Provincial authority or agency?

☐ Yes

☒ No

Type of facility (note all that apply)

☐ Airport

☒ Bulk plant

☐ Service station/gas bar

☐ Cardlock/key lock

☒ Marina / port / harbour

☐ Park

☐ Farm

☐ Military base

☐ Railroad

☐ Commercial building / institution / office / laboratory

☐ Residential / apartments

Owner of storage tank(s) Hope Bay Mining Ltd

Address of storage tank owner including

Suite 300, 889 Habourside Drive

North Vancouver

BC

V7P3S1

Tank owner contact person including

Brian Anderson (HBML Operations Manager)

604-985-2572 (ph)

604-980-0731 (fax)

Address of operator (if different from owner) including

SAME as above

Operator contact person including

SAME as above

Site Information

Has contamination been detected or is it suspected at this site?

☐ *Unknown*

☒ *No*

☐ *Yes, soil contamination only*

☐ *Yes, groundwater contamination*

☐ *Yes, surface water contamination*

☐ *Yes, vapours pose fire/safety hazard to nearby buildings or other structures*

Site Classification

☒ *Site classification not necessary (no motive fuel tanks)*

☐ *Class A*

☐ *Class B*

☐ *Unclassified—assume Class A*

Tank Specific Information

Field-erected aboveground storage tanks

Tank I.D.# **1320-TK-01 (SNC Lavalin Engineering Designation)**

Registration phase

☐ *Existing tank*

☒ *New tank*

☐ *Tank upgrade*

☐ *Tank closure*

Tank Status

☒ *Active or in-service*

☐ *Permanently out-of-service*

Last Year of Use

☐ *Enter year*

Out-of-service Tanks (**does not apply**)

☐ *Removed*

☐ *Scheduled to be removed*

☐ *Abandoned in place*

Tank Serial Number(s) **GEM-2008-3 (GEM Steel Ltd Tank Plate Designation)**

Year of installation **2008**

Tank Contents

☐ *Unleaded gasoline*

☒ *Diesel*

☐ *Heating fuel/furnace oil*

☐ *Aviation gasoline (Avgas)*

☐ *Kerosene/jet fuel*

☐ *Waste oil/used oil*

- ☐ *Bulk lube or engine oil*
- ☐ *Alcohol blend gasoline (gasohol)*
- ☐ *Organic chemicals, alcohols, benzene, toluene*

Tank Capacity

5,000,000 Litres

Tank Capacity Units

- ☒ *Litres*
- ☐ *Cubic metres*
- ☐ *Imp. Gallons*
- ☐ *Barrels*

Internal Lining of Steel Tanks

- ☒ *None*
- ☐ *Yes (epoxy or fibreglass)*

Tank Secondary Containment

- ☐ *No dike*
- ☐ *Earth dike (permeable)*
- ☒ *Earth dike with impermeable liner or clay under tank*
- ☐ *Concrete dike walls and floor*
- ☐ *Double bottom tank within earth dike*
- ☐ *Other, specified in comments*

Overfill Protection

- ☐ *None*
- ☒ *Level gauge only*
- ☐ *Level gauge with audible and visual alarm*
- ☐ *Audible and visual alarm (light and horn)*
- ☐ *High level alarm with automatic shut-off*

Tank Leak Detection (note all that apply)

- ☐ *None*
- ☒ *Inventory control (dip tank)*
- ☒ *Automatic tank gauge*
- ☐ *Interstitial leak detection*
- ☐ *Monitoring wells with instruments*
- ☐ *Monitoring wells with visual observation*
- ☐ *Statistical inventory reconciliation*
- ☐ *Precision leak test*
- ☐ *Other, specified in comments*

Underground Piping

- ☒ *Not applicable no underground piping*
- ☐ *Single wall pipe with cathodic protection and leak detection*
- ☐ *Single wall pipe with leak detection*
- ☐ *Double wall pipe*

Roof type

☒ *Fixed roof*

☐ *Floating primary seals only*

☐ *Floating secondary seals*

☐ *Vapour recovery system*

API 653 Inspections

Aug 4th 2008 *Date of last internal inspection*

Aug 4th 2008 *Date of last external inspection*