

E-mail Message

From: Schroeder, Ralph FLNR:EX
[EX:/O=BCGOVT/OU=VICTORIA1/CN=RECIPIENTS/CN=RASCHROE]
To: S.Wickenheiser@coolcreek.ca [SMTP:S.Wickenheiser@coolcreek.ca]
Cc:
Sent: 2012-03-27 at 12:49 PM
Received: 2012-03-27 at 12:48 PM
Subject: March 8, 2012 Petroleum Storage and Distribution Facilities Storm Water Regulation inspection

Attachments: Imperial Oil, Esso Commercial Cardlock 14065.doc
 Petroleum Storage Esso.pdf

Hello Steve:

Attached is the Petroleum Storage inspection for the ESSO commercial cardlock in Chilliwack.

The attached pdf file is the photos for the inspection.

The facility does not retain all the records on site. The non compliance noted in the report reflects the lack of some records. I requested the records in an e mail request, however, to date no records have been received. So I will let the inspection stand as it is currently written.

Regards,

Ralph
 R Schroeder
 South Coast Region Compliance and Enforcement Group, Chilliwack District Office
 604 702 5737

Ministry of Environment/Ministry of Forests and Range
Petroleum Storage and Distribution Facility Inspection Form
[Petroleum Storage and Distribution Facilities Storm Water Regulation (Environmental Management Act)]

Date (yyyy/mm/dd): 2012/03/08 Registration #: AMS 14065

Registrant: Imperial Oil Limited Facility Tel: 604 795 5335

Type of Facility: Commercial Card Lock facility

Site Address: 7985 Lickman Road, Chilliwack, BC

GPS Coordinates (Decimal Degrees) Lat: 49 degrees 8 minutes 48 seconds N

Long: - 122 degrees 00 minutes 29 seconds W

Contact Name: Steve Wickenheiser Tel: 604 312 6437

Email: S.Wickenheiser@coolcreek.ca

Mailing Address: 7985 Lickman Road, Chilliwack, BC

Person participating in inspection (if not Site Contact): _____

Tel: _____ Email: _____

Inspector: Ralph Schroeder Ministry: Forests, Lands, and Natural Resource Operations

Tel: 604 702 5737 Email: Ralph.Schroeder@gov.bc.ca

Discharge is to: a) Surface Water (Specify): Creek behind the facility

b) Ground: _____

c) Other (Specify): _____

Treatment Facilities: Oil Separator X; Settling Pond ; Outfall ; Infiltration Pond ; Tile Field ;

Other (Specify): _____

Section 2(5): With respect to the petroleum storage and distribution facility,

(a) Is the cumulative storage capacity less than or equal to 100 000 litres? No

(b) Does it occupy a location for less than 180 consecutive days? No

(c) Is it part of a retail service station? No

If Yes to any of a, b or c above, Sections 3 to 7 do not apply.

Ministry of Environment, Environmental Protection, Lower Mainland Region

#200, 10470 - 152 St., Surrey BC V3R 0Y3

Tel: 604 582-5200; Fax: 604 584-9751

Spill/Environmental Emergency Reporting: 1 800 663-3456 (24-hour, Provincial Emergency Program) Page 1 of

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Section/Requirement	In	Out	Comments
Introduction of Effluent into Environment			
3(1) An operator may introduce effluent into the environment from a petroleum storage and distribution facility if the total extractable hydrocarbon in the effluent at any time does not exceed 15 mg/Litre.	x		Esso corporation conducts the water testing. No water testing results on site. Contact Ray Hamel for the water testing results.
Separator System or Equivalent System			
4 Every operator must construct and maintain a separator system or other system designed so that the effluent discharged from a petroleum storage and distribution facility complies with Section 3.	x		
Separator System Design			
Does the registrant operate a separator system? <u> x </u> . If Yes, Section 5 applies.			
5 Every operator of a separator system must ensure that the separator system required by Section 4 complies with all of the following:			
(a) Directs to the separator all drainage from a petroleum transfer area;	x		Two oil water separators on the site. All catch basins directed into the oil water separator. Some of the catch basins have silt bags to prevent large amounts of silts and dirt entering the oil water separator.
(b) Receives only precipitation runoff, vehicular petroleum discharges and accidental discharges of petroleum from a petroleum transfer area;	x		
(d) Is designed to prevent the discharge of an accidental spill by having			
(i) A minimum volume of 1000 Litres,	x		
(ii) A shutoff valve on the separator outlet, and	x		
(iii) The capability to sample the effluent	x		
(g) Is documented on a site plan which shows the location of the separator system, the areas serviced by the storm sewer and the point or points of discharge to the environment.	x		The discharge point to the environment is the ditchline along Lickman Road.
Management of the Separator System			
Does the registrant operate a separator system? <u> x </u> . If Yes, Section 6 applies.			
6(1) Every operator must do all of the following:			
(a) Visually inspect the separator system weekly, looking for any evidence of petroleum bypass or any other condition which might indicate malfunctioning of the separator;	x		Weekly oil water separator log book. Entries initialled by R.A.P.
(b) Take action to correct any mal-function noticed under paragraph (a);	x		No issues to date. When sediment builds up in the oil water separator, the sediment gets pumped out.
(c) Measure monthly the thickness of	x		Measure weekly

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accumulated petroleum on the surface of the separator;			
(d) Measure monthly the thickness of accumulated sludge in the bottom of the separator;	x		Measure weekly
Section/Requirement	In	Out	Comments
(e) Measure the thickness of petroleum on the surface of the separator immediately following an accidental discharge of petroleum to the separator;	x		Most spills are controlled before the product can enter the catch basins.
(f) Record in the log referred to in Subsection (4)			
(i) The results of the visual inspection required by paragraph (a),	x		
(ii) The measurements required by paragraphs (c), (d) and (e), and	x		
(iii) The details of any accidental discharge.	x		The facility sends electronic submissions to ESSO for any incidents. Two incident reports were viewed during the inspection.
6(3) After each inspection and measurement required by Subsection (1), the operator must			
(a) Immediately remove the accumulated petroleum from the surface of the separator if the accumulated thickness of petroleum exceeds 50 mm,	x		The inspection sheets viewed during the inspection did not indicate measurement greater than 50 mm.
(b) Immediately remove the accumulated sludge from the bottom of the separator if the accumulated thickness			
(i) Exceeds 150 mm, or	x		The inspection sheets viewed during the inspection did not indicate measurement greater than 150 mm
(ii) Impairs the operation of the separator, and	x		Standard operating procedures.
(c) Clean and inspect the separator, regardless of the accumulated thickness of petroleum and sludge, at least once every 2 years.	x		The facility uses Newalta to clean and inspect the oil water separator. No maintenance records kept on site. Dogwood Petroleum manages the site for ESSO. Records kept at the Dogwood Petroleum office. This inspection did not request any further records.
6(4) Every operator must maintain, and make available on the request of an officer, the following records:			
(a) An inspection and cleanout log for the separator which includes the date, visual appearance, measured thickness of oil and sludge layers, volume of oil and sludge removed, name and signature of the person entering the data and, if applicable, the name of the oil and sludge removal contractor;	x		No maintenance records kept on site. Dogwood Petroleum manages the site for ESSO. Records kept at the Dogwood Petroleum office. Request maintenance records from Ray Hamel.

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(b) The date and quantity of accidental discharge of petroleum greater than 100 Litres into the separator system;	n/a		No accidental discharge in the last 2 years. ESSO requirement to report all spills to ESSO.
6(5) The records required by Subsection (4) must be kept for at least 2 years.		x	
6(6) An operator must not intentionally discharge or allow the intentional discharge of any substance into a separator system unless the substance is			
(a) Water, or	x		
(b) Water contaminated with hydrocarbon such that the resultant mixture is not waste oil.	x		Not noted in daily, weekly inspections.
Section/Requirement	In	Out	Comments
6(7) Notwithstanding Subsection (6), an operator must not intentionally discharge or allow the intentional discharge of tank bottom water into a separator system.	x		McRae's pumps out fuel tanks when required.
6(8) Every operator must close the separator outlet valve immediately after a petroleum spill is discovered and must not reopen the valve unless the thickness of accumulated petroleum on the surface of the separator is reduced to less than 50 mm.	x		This procedure is not noted on the Emergency Response procedures, however, facility workers know to shut off oil water separator. No accidental spills.
6(9) Every operator must institute a preventive maintenance, monitoring and inspection program to prevent the accidental discharge or spillage of petroleum products.	x		Conducting routine inspections.
6(10) The program required by Subsection (9) must include monthly or more frequent inspections of the following areas:			
(a) Hoses and nozzles at drum-filling and pump island areas;	x		
(b) Points at which petroleum is delivered into storage;	x		
(c) Truck loading racks;	n/a		
(d) The equipment contained in pump cabinets;	x		
(e) All visible joints, valves, flanges, and piping.	x		
6(11) The results of the inspections required by Subsection (10) must be maintained in a log format that includes the date, the name and signature of the inspector and a description of the corrective action taken.	x		Initialed by R.A.P.
6(12) Every operator must conspicuously display an emergency contact telephone number at all locations where petroleum transfer operations occur.	x		

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Registration of Petroleum Storage and Distribution Facilities			
7 Every operator must register with a director each petroleum storage and distribution facility under the operator's charge or control by submitting in writing to the director the following information:			
(a) The name of the owner or operator;			
(b) The address of the owner or operator;			
(c) The address of the petroleum storage and distribution facility;			7985 Lickman Road, Chilliwack, BC
(d) The name and telephone number of a contact person;			Stever Wickenheiser 604 312 6437
(e) The number and total volume of tanks at the petroleum storage and distribution facility;			6 fuel tanks @ 32 000 litres each 2oil water separators
Section/Requirement	In	Out	Comments
(f) The volume and capacity of any oil/water separator or treatment device at the petroleum storage and distribution facility;	x		
(g) A description of the discharge point of all separators or treatment devices.	x		Ditchline along Lickman Road.

1. Have you had any sort of petroleum product spill in the last year? If so what, when and how much material was released.

None

2. Was the spill reported to PEP?

n/a

3. Do you have an Emergency Response Contingency Plan(ERCP)?

No The facility has an incomplete Emergency Response binder and Emergency Response posters in the facility.

4. Was the ERCP activated and used during the spill?

n/a

5. Can you advise on the current date of your ERCP and has it been revised to account for your last spill or any changes to your facility?

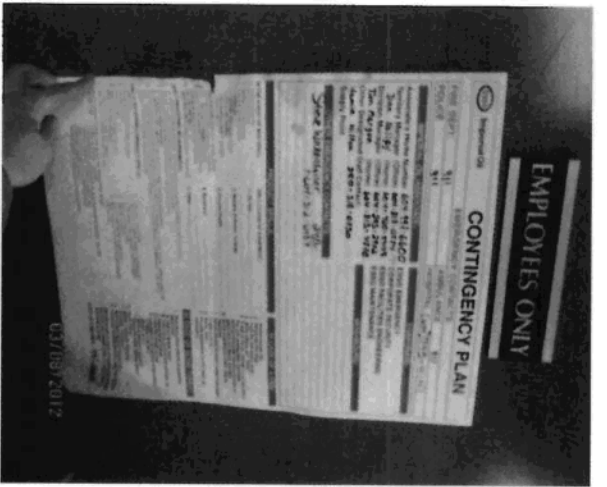
There is no ERCP in place at the facility

Comments/Actions for Registrant:

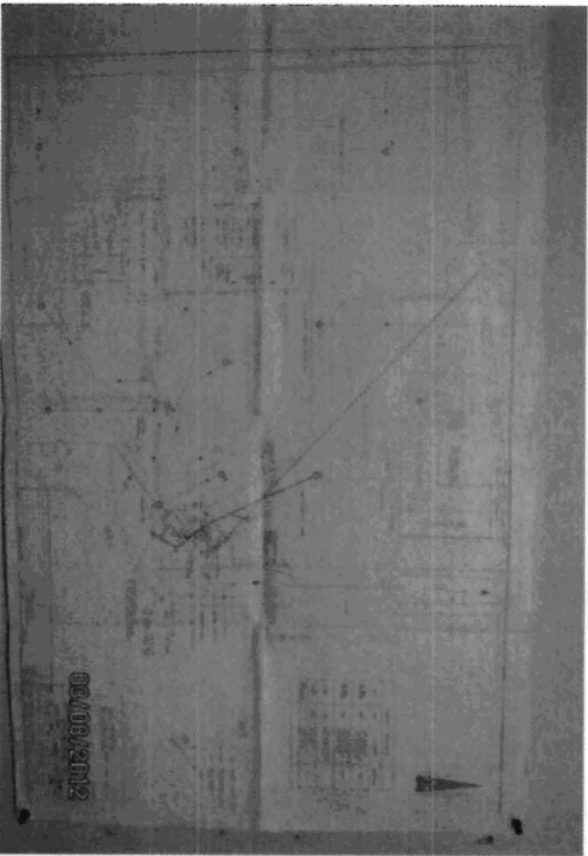
(Notwithstanding this inspection (which is based on field observations and available information provided by the registrant), the registrant is responsible for complying with all requirements of the *Petroleum Storage and Distribution Facilities Storm Water Regulation* (www.env.gov.bc.ca/epd/industrial/regs/index.htm), *Environmental Management Act* and all other applicable legislation. Legislation may be accessed at www.gov.bc.ca/env]

Please follow up on all Out of Compliance items indicated above and any action items specified below:

- 1) Submit discharge sample result for Total Extractable Hydrocarbons (mg/L) within 90 days ____
(Registrant may submit result of sample taken within past year.)



Contingency Plan inside the store and office.



Site plan in manager's office.



Site plan in manager's office.



Emergency shut off switch for the oil water separator. There is also a manual shut off valve.



Oil water separator outlet to the environment, ditchline along Lickman Road.



Water in ditchline adjacent to the outlet.