



**GATEWAY MOTORS
EMERGENCY RESPONSE**

**190 SYKES MOUNTAIN AVE
HARTFORD, VERMONT**

DEC SPILL #2011WMD325

WHERE BUSINESS AND THE ENVIRONMENT CONVERGE

**Prepared for:
Kathy Baker
Cobalt Properties Ltd
55 Union Street
Saint John, NE E2L 5B7**

**ECS Project No.04-219848
April 1, 2013**

**Prepared By:
ECS
30 Harris Place
Brattleboro, VT 05301
tel 802.257.1195 fax 802.257.1603
www.ecsconsult.com**



WHERE BUSINESS AND THE ENVIRONMENT CONVERGE



30 Harris Place, Brattleboro, VT 05301 tel 802.257.1195 fax 802.257.1603 www.ecsconsult.com

Cobalt Properties Ltd.
55 Union Street
Saint John, NE E2L 5B7

April 1, 2013
ECS Project 04-219848

Attn: Kathy Barker

RE: Gateway Motors Emergency Response
190 Sykes Mountain Ave.
Hartford, Vermont 05047
DEC Spill #2011WMD325

Dear Ms. Barker:

Environmental Compliance Services, Inc., (ECS) has prepared this summary report describing assessment and remedial activities completed as a result of a release of diesel fuel from an Irving Oil (Irving) fuel delivery tanker truck on January 10, 2013. The release occurred at Gateway Motors at 190 Sykes Mountain Road, Hartford, VT referenced herein as “the site.” ECS was contacted by TMC Environmental Services (TMC) of Williston, Vermont and Irving Oil (Irving) to respond to the accident. ECS subsequently contacted Cobalt to acquire authorization to proceed. ECS was provided verbal approval to proceed by Mr. Scott Lewis of Cobalt. The initial scope of services was to assess the extent of impacts and assist with remedial activities. TMC initially reported the spill to the Vermont Department of Environmental Conservation (DEC), on behalf of Irving Oil.

A release was first suspected when personnel of Gateway Motors noticed a sheen emanating from the Irving delivery truck (an approximately 3,300-gallon tanker truck) on the morning of January 10, 2013. According to Irving personnel the truck had been removed from service in August 2012 and was transported to Gateway Motors via a tow truck from Irving’s Rochester, New Hampshire facility. According to Irving personnel the truck was tagged, indicating that the on-board storage tank was empty.

On the morning of January 10, 2013, Irving personnel responded to a call from Gateway Motors at approximately 9:30 am and started the vehicle to check the fuel level within the tank. When the vehicle was started, the lines became pressurized which significantly increased the volume of diesel discharge and oil was observed rapidly flowing from transfer piping underneath the vehicle onto the asphalt ground surface. Irving immediately spread granular sorbent material and sorbent booms and pads to the ground surface and in the vicinity of a nearby catch basin to prevent product from entering this catch basin. TMC was contacted at approximately 10 am and arrived on site at around 11:30 am. ECS was contacted by TMC at approximately 12:30 and arrived onsite at 1400 hours. An estimated 50-100 gallons of diesel fuel was released from the vehicle. A Site Locus (Figure 1) and Site Plan (Figure 2) are provided as Attachment I and photographs are included as Attachment II.

Initial Assessment and Remedial Activities

ECS personnel arrived onsite at 1400 hours on January 10, 2013 and met with TMC personnel of the Williston, Vermont office. TMC personnel stated that when they arrived on-site, they observed that Irving personnel had spread granular sorbent material throughout the parking lot to absorb free product emanating from the tanker truck. Irving personnel had also constructed a barrier of sorbent booms and granular sorbent material in front of a downgradient catch basin to prevent surface water carrying product and sheen from entering the catch basin. Irving personnel then removed the remaining product from the tanker by transferring it into a second tanker truck. Approximately 500-gallons of diesel fuel was removed from the tanker. Five-gallon buckets were then placed under the compromised lines to capture the remaining product dripping from the lines.

According to TMC, when they arrived on site they spread additional granular sorbent material throughout the parking lot as free product was observed in cracks and potholes in the pavement. TMC containerized petroleum impacted snow in the vicinity the truck. Additional sorbent booms and pads were also deployed around the catch basin and around the area of release. TMC also coordinated for sand, a bobcat with a sweeper attachment, and a roll-off container to be delivered to the site.

Upon ECS' arrival, granular material and sorbent material had been deployed throughout the parking lot. Free product was observed in cracks and pot holes in the asphalt parking lot. Due to warm temperatures snowmelt containing free product and sheen was observed flowing towards a catch basin. ECS inspected the catch basin and observed sheen on surface water entering the catch basin; however no free product was observed within this structure. ECS observed sorbent booms, pads and granular material deployed around the catch basin and the sorbent material appeared to be capturing the majority of sheen and product. ECS contacted the Environmental Protection Agency (EPA) National Response Center (NRC) and submitted a report of sheen observed on surface water. The NRC issued a spill number of #1035349. ECS also contacted the Town of Hartford Department of Public Works (DPW) and informed the DPW of the release. The DPW indicated that the catch basin discharges to a drainage swale north of the site. ECS located the drainage swale and the discharge pipe and no sheen or free product was observed on water exiting the discharge pipe. ECS also inspected additional catch basins on the neighboring property and in the residential neighborhood north of the site. No evidence of petroleum was identified in these catch basins or in the drainage swale. ECS also consulted the Vermont Agency of Natural Resources online private and public drinking water well locator. No drinking water wells were observed within a quarter mile of the site.

TMC deployed approximately 2-3 yards of sand throughout the parking lot. The sand, the remaining granular sorbent material and impacted snow was then containerized in a ten yard poly-lined roll-off container provided by Casella Resource Solutions Inc. (Casella) of Williston, VT. The parking lot was swept clean via a bobcat mounted street sweeper. Irving personnel then moved the truck and the area beneath the vehicle was cleaned as described above and impacted snow in the area was containerized in the roll-off container.

After all sand, snow and granular sorbent material was removed from the ground surface, ECS inspected the area for free product and/or sheen and none was observed. During the inspection ECS observed numerous cracks and potholes which may indicate compromised integrity of the asphalt. ECS also gauged the catch basin using a groundwater interface probe for product and none was observed.

Management of Waste

A total of three 55-gallon drums of petroleum impacted snow, one 55-gallon drum of petroleum impacted sorbent material, and one drum of product were generated as a result of remedial actions taken. One roll-off container of petroleum impacted snow, sand and granular sorbent material was also generated. The drums containing impacted snow and sorbent material were transported to Treatment and Recycling Northeast, LLC of Newington, New Hampshire under a hazardous waste manifest by TMC for disposal. The fifty-five gallon drum of product was picked up and disposed of by Irving Oil. The roll-off container was transported by Casella to ESMI in Loudon, New Hampshire under a straight bill of lading (BOL) for disposal. A disposal manifest and BOL are included as Attachment III.

Conclusions and Recommendations

Remedial actions have been completed at the site. Based on information obtained during the course of the cleanup activities, 50-100 gallons of diesel fuel was released to the asphalt parking area. One ten yard roll-off container and three 55-gallon drums of petroleum impacted snow, sorbent material and sand was generated and disposed off-site. Sheen was observed entering a downgradient catch basin, however no sheen or free product was observed in the nearby drainage swale or exiting the catch basin.

If there are any questions regarding this, please contact ECS at (802) 257-1195.

Sincerely
ENVIRONMENTAL COMPLIANCE SERVICES, INC.



William Verman
Senior Field Technician



Steve Low, P.G. Branch Manager

Attachments

- Attachment I: Site Locus and Site Plan - Figure 1 and 2
- Attachment II: Photo Documentation
- Attachment III: Disposal Manifest

ATTACHMENT I
FIGURES



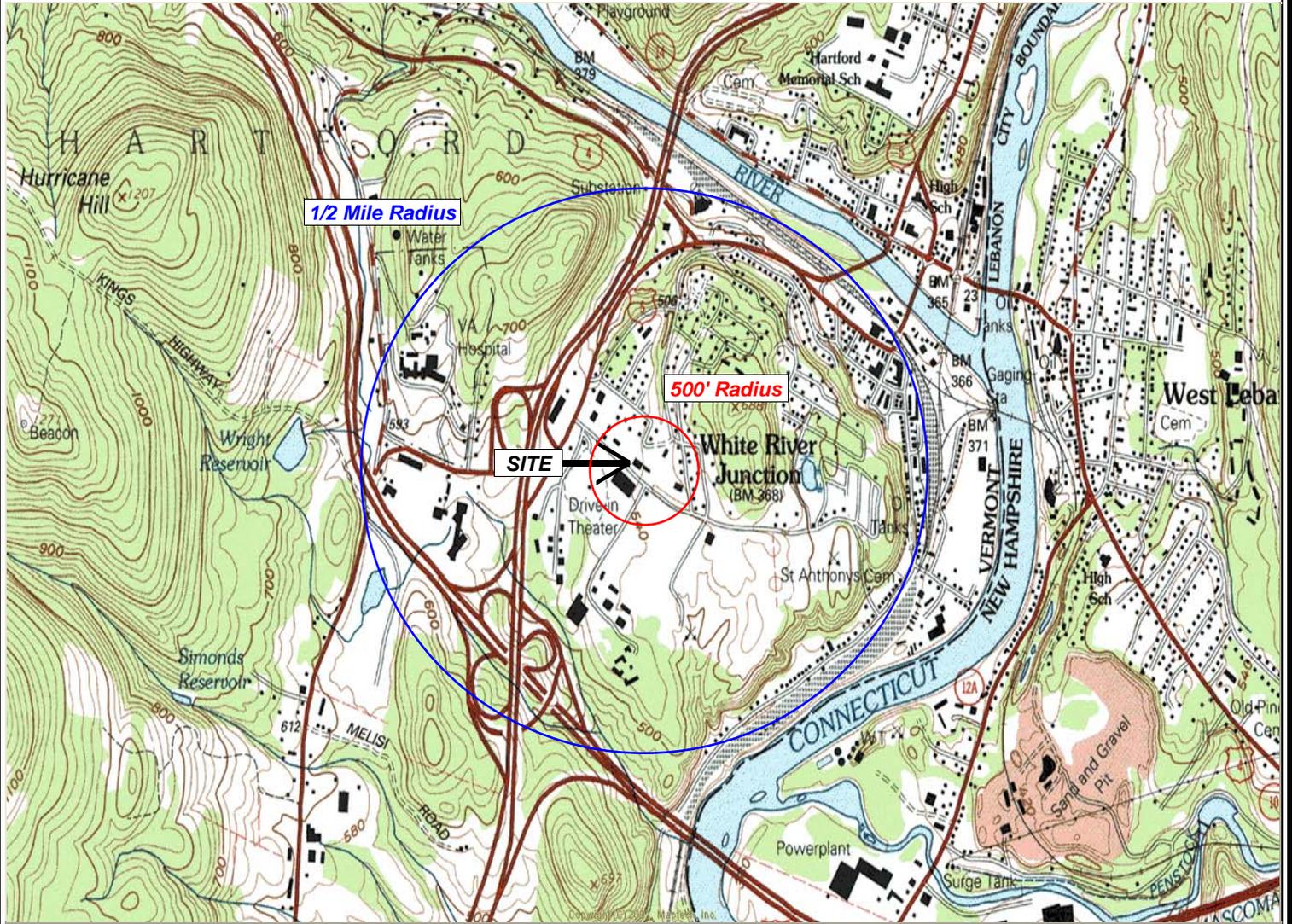
Environmental Compliance Services, Inc.
 30 Harris Place, Brattleboro, VT 05301
 Phone (802)-257-1195 Fax (802)-257-1603
 www.ecsconsult.com

SITE LOCUS

Figure: 1

Gateway Motors
 190 Sykes Ave
 Hartland, VT

Job Number: 04-219848



1 inch = 1500 feet

Contour Interval: 20 Feet

North

Base Map: U.S. Geological Survey; Quadrangle Location: Hanover, VT

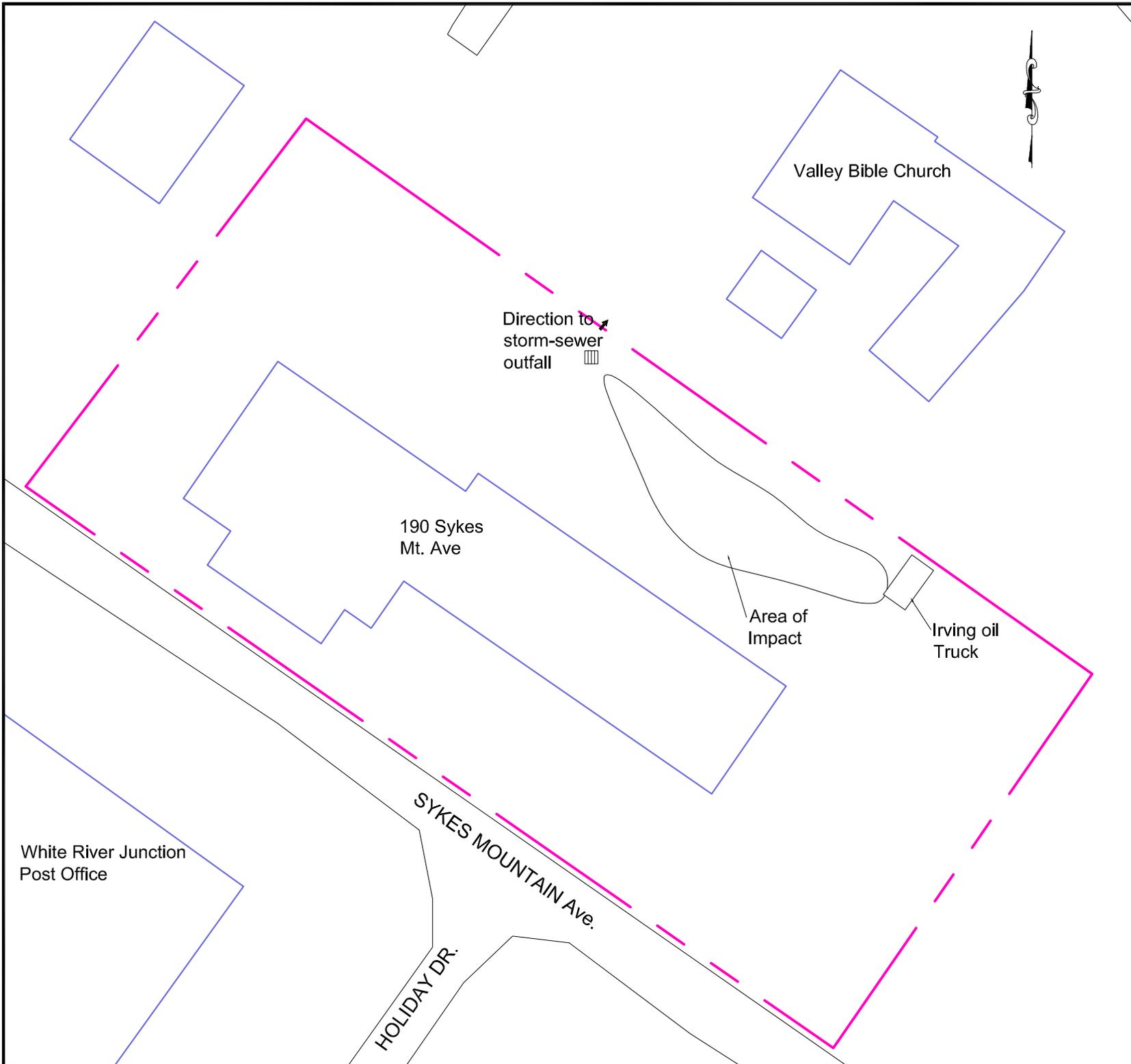
Latitude and Longitude: 43d 38" 44.18' North / 72d 19" 55.25' West



Map Edited: 1996

Map Revised:

Generated By: CEF



Legend

-  Approximate Property Line
-  Catchbasin

General Notes:

All locations, dimensions, and property lines depicted on this plan are approximate. This plan should not be used for construction or land conveyance purposes.



ENVIRONMENTAL COMPLIANCE SERVICES, INC.
 30 Harris Place • Brattleboro, VT 05301
 Phone 802.257.1195 • Fax 802.257.1603

PROJECT: **Gateway Motors**
 190 Sykes Mountain Ave.
 Hartford, Vt

TITLE: **Site Plan**

CLIENT: **Irving Oil**

GRAPHIC SCALE: 

AUTOCAD FILE: CADFILE

DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
EB	ECS	WV	RPG
SCALE	DATE	JOB NO.	SHEET NO.
N.T.S	Jan. 2013	04-219848	2

ATTACHMENT II
PHOTO DOCUMENTATION

PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

ECS Project #:
04-219848.00

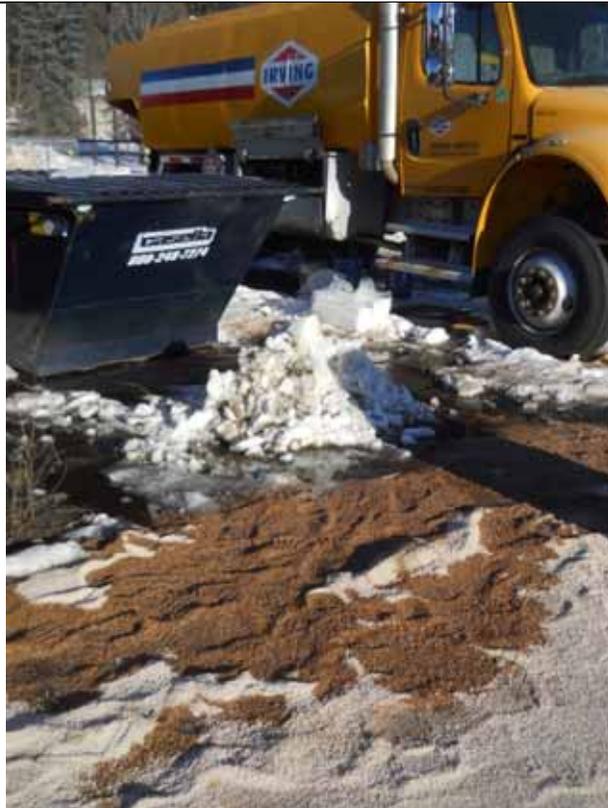
Photograph #1

Description:
Source of spill, out-of-service Irving oil truck.



Photograph #2

Description:
View of the truck, impacted granular sorbent material and sand



PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

ECS Project #:
04-219848.00

Photograph #3

Description:

View of truck looking north, sorbent pads seen underneath the truck



Photograph #4

Description:

View looking west towards area of the catch basin



PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

ECS Project #:
04-219848.00

Photograph #5

Description:
*Sand and sorbent
material capturing
product traveling
through pavement
cracks*



Photograph #6

Description:
*Area of impact looking
west*



PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

ECS Project #:
04-219848.00

Photograph #7

Description:
Sorbent pads and sand capturing diesel sheen in snow melt runoff



Photograph #8

Description:
Sheen in snow runoff



PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

ECS Project #:
04-219848.00

Photograph #9

Description:
*Cleaning up area of
release after truck was
pumped out and moved*



Photograph #10

Description:
*Granular sorbent
material and sand pile*



PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

ECS Project #:
04-219848.00

Photograph #11

Description:
Sorbent booms and sand capturing product before the catch basin



Photograph #12

Description:
Bobcat sweeping up impacted sorbent material and sand



PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

ECS Project #:
04-219848.00

Photograph #13

Description:
*Pothole and cracks in
pavement after clean
up*



Photograph #14

Description:
*Cracks and potholes in
pavement after clean
up*



PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

ECS Project #:
04-219848.00

Photograph #15

Description:
*Large patch of
cracked/missing
pavement*



Photograph #16

Description:
*Two 55-gallon drums
of impacted sorbents,
sand and snow*



PHOTOGRAPHIC LOG

Environmental Compliance Services, Inc.
30 Harris Place
Brattleboro, Vermont 05301



Client Name:
Cobalt Properties Ltd.

Site Location:
*190 Sykes Mountain Road
Hartford, VT*

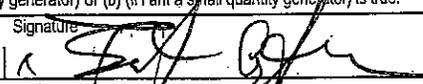
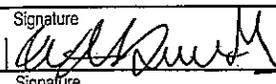
ECS Project #:
04-219848.00

Photograph #17

Description:
*Area of initial release
after clean up*



ATTACHMENT III
DISPOSAL MANIFEST

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NTA 0000 15186	2. Page 1 of 1	3. Emergency Response Phone 800 223-8865	4. Manifest Tracking Number 001950080 GBF
5. Generator's Name and Mailing Address Highland Fuels Delivery, LLC 190 Commerce Way Portsmouth NH 03801			Generator's Site Address (if different than mailing address) Gateway Motors 190 Sykes Mountain Avenue White River Junction VT		
Generator's Phone: 603 559-8861			U.S. EPA ID Number MAC300019924		
6. Transporter 1 Company Name TMC Environmental			U.S. EPA ID Number		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Trade Treatment and Recycling Northeast LLC 410 Shattuck Way Newington NH 03801			U.S. EPA ID Number NHD980521843		
Facility's Phone: 603 431-2420					
9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit WT/Vol.	13. Waste Codes
	1. Non-RCRA, non-DOT, petroleum contaminated solids (soil and oil)	No. Type			
		XX3 DM	X480	P	VT02
	2.				
	3.				
4.					
14. Special Handling Instructions and Additional Information 02013-0033 MS M0180					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offoror's Printed/Typed Name x Brent Creighton			Signature 		Month Day Year 10 14 13
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/typed Name Walter Garcia			Signature 		Month Day Year 10 14 13
Transporter 2 Printed/typed Name			Signature		Month Day Year
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue. <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____					
18b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)					Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1.	2.	3.	4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name			Signature		Month Day Year

ESMI of N.H.
67 International Drive
Loudon, NH 03307

(603) 783-0228

Ticket No : 281855
Date : 2/7/2013

Max. Acceptable Soil: 50.00

Customer: TMC20
TMC Services
40 San Remo Drive
S. Burlington, VT 05403

Job No : 8871
Gateway Motors
190 Sykes Mountain Ave.
White River Junction VT
Running Tonnage: 7.57

Trucker:
CAS4289 Casella 4289

Gross : 50060 MAN WT In 7:50:41AM
Tare : 34920 MAN WT Out 7:50:48AM
Net : 15140 lb
7.570

DL01 DIESEL FUEL/KEROSENE

Weigh Master: ANGELA

Driver:

Remarks: Thank You For Your Business



or shall
carrier shall not
percent of freight and a

Material \$
Delvry \$
Misc \$
Tax \$
Total \$

(Signature)

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of

all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification of the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER NORTHEAST WASTE - CASELLA WASTE MGT.

PER

CARRIER

PER

DATE

* Hazardous Materials

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Truck Plant No. _____

Shipper No. N^o 406377

Carrier No. _____

Date _____

Casella Waste

Gateway Motors

TO: Consignee <u>ESM</u>		(Name of Carrier)		FROM: Shipper <u>NORTHEAST WASTE - CASELLA WASTE MGT.</u>	
Street		Street		1544 Woodstock Road	
Destination <u>Louisa VA</u>		Zip Code		Origin <u>White River Junction, VT 05001</u>	
Route		Vehicle Number			

No. Shipping Units	HM*	Kind of Packing, Description of Articles, Special Marks and Exceptions	Weight (Subject to correction)	Rate	CHARGES
<u>1</u>		<u>15 YARD KILPAT WITH CONTAMINATED SOIL *NON HAZ MAT*</u>			
		<u>ESM/A Coyle</u>			
		<u>2.0 TON</u>			
		<u>2/7/13</u>			
			GROSS		
			TARE		
			NET		
		Trailer No.			

REMIT C.O.D. TO: ADDRESS

COD

Amt: \$

C.O.D. FEE: PREPAID COLLECT \$

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per

This is to certify that the above named materials properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Signature _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES: \$

FREIGHT CHARGES

FREIGHT PREPAID Check box if charges except when box at _____ are to be right is checked collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of

all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification of the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER NORTHEAST WASTE - CASELLA WASTE MGT.

PER _____

CARRIER

PER _____

DATE _____

* Hazardous Materials