

Referral of a Petroleum Site

To: ~~Chuck Schwer~~, Supervisor, Sites Management Section
Thru: June Middleton, Permit Administrator, UST Program
From: Susan Thayer, Env. Analyst, UST Program
Date: 12/14/2001

On 11/26/2001 the Management and Prevention Section was notified of a Leak/LUST found during the monitoring/**closing** of UST PIPING at St Albans Exxon. The petroleum contamination was reported by Rob Danckert of Griffin. Telephone #802-865-4288

Name of Facility owner: WESCO Telephone#
Facility contact: Dave Simendinger Telephone#802-864-5155

UST Facility ID#: 560 SMS#: 2001
Site Manager initials:

Responsible Party: ~~WESCO~~ WESCO
Was the Land Owner DIRECTED by DEC to remove tank(s)? No Yes
Is Land Owner eligible for reimbursement for cost of removing tank(s)? No Yes
Were tank(s) permitted for operation at any time? No Yes
If tank(s) abandoned year of abandonment: _____
Use of tank(s) at time of abandonment:
 Farm Residential Commercial Service Station Retail State Federal

UST Financial Responsibility:
PCF Assessment # 551
PCF Eligible No Yes
Deductible No Yes \$10K
Cost Recovery applicable No Yes
If "yes", reason: _____

Insurance Company: _____
Self Insured: No Yes
Federal Insured: No Yes

This referral to SMS is believed to involve:

Soil Contamination	No	Yes	Maybe
Groundwater Contamination	No	Yes	Maybe
Free Product Contamination	No	Yes	Maybe
Vapor Impact on Buildings	No	Yes	Maybe
Threatened/Impacted Water Supply	No	Yes	Maybe
Surface Water Impact	No	Yes	Maybe

Attached is a copy of the Pull Form. Trip Report Enclosed Going Expressway

Comments:



107#500
SMS

NOV 26 2001

November 16, 2001

Ms. Sue Thayer
Vermont Agency of Natural Resources
Dept. of Environmental Conservation
Waste Management Division
103 S. Main St., West Building,
Waterbury, VT 05671 - 0404

RE: St. Albans Exxon Facility, Piping Replacement Inspection, St. Albans, Vermont.

Dear Ms. Thayer:

On November 14, 2001, I conducted a piping replacement inspection at the above-stated facility. On this date product piping associated with three gasoline underground storage tanks (USTs) and one diesel UST were disconnected from their respective USTs and removed from the excavation for proper disposal. No USTs were removed from the excavation. Enclosed are site photographs, the completed State of Vermont inspection forms, and a site location map.

The age of the piping removed is believed to be between 10 and 15 years old. Piping replacement activities were performed by WESCO of South Burlington, Vermont. Removed product piping was visually inspected for signs of petroleum leakage, corrosion, and overall integrity. Visual inspection of the piping showed it to be in good condition. No signs of significant pitting or corrosion were present on the piping surface.

Stained soils were observed at the base of the former location of the diesel dispenser. The screened soil sample at this location had a VOC concentration of over 100 ppm as measured with the PID. Significant levels were also observed at the base of the former gasoline dispensers.

The soils excavated to gain access and allow screening of soils consisted of well-sorted, fine brown sands extending from the ground surface to the base of the excavation, which was approximately three feet below surface grade. Neither groundwater nor bedrock were encountered during excavation activities.

A total of thirteen soil samples were collected from the piping excavation with the use of a backhoe and shovel. Samples were screened for volatile organic carbons (VOCs) with an H-Nu model PI-101 photoionization device (PID). An average reading of 45.9 ppm was recorded for all thirteen of the samples screened. All soil samples were collected and screened in accordance with Griffin soil sampling protocols, which comply with state and industry standards. The PID was properly calibrated in accordance with Griffin and manufacture protocols prior to use. The location, depth, and VOC concentration for each sample are tabulated below (See Site Diagram).

P.O. Box 943 • Williston, VT 05495 • Phone 802-865-4288 • Fax 802-657-4129
59 Clinton Street • Plattsburgh, NY 12901 • Phone 518-562-4666 • Fax 518-561-6832

Sample #	Depth (ft)	Location	P.I.D. (ppm)
1	1.0	S. Dispenser	158
2	1.0	S. Dispenser	6.8
3	1.0	N. Dispenser	170
4	1.0	N. Dispenser	128
5	3.0	Product Lines	2.2
6	3.0	Product Lines	3.0
7	3.0	Product Lines	0.7
8	1.0	Above UST/P.L.	5.2
9	1.0	Above UST/P.L.	0.1
10	1.0	Above UST/P.L.	0.0
11	6.0	Beneath Dies. Disp.	122
12	3.0	Product Lines	0.9
13	3.0	Product Lines	0.3

Based on data collected during the assessment and visual observations, Griffin has arrived at the following conclusions:

1. The product piping removed from the excavation appeared to be in good condition.
2. The average PID reading of 45.9 ppm was recorded throughout soils screened during the piping replacement inspection.
3. All residences and businesses located in the immediate vicinity of this site are reportedly served by a municipal water source.

If you have any questions regarding this closure report, please give me a call at your convenience.

Sincerely,



Rob Danckert
Geologist

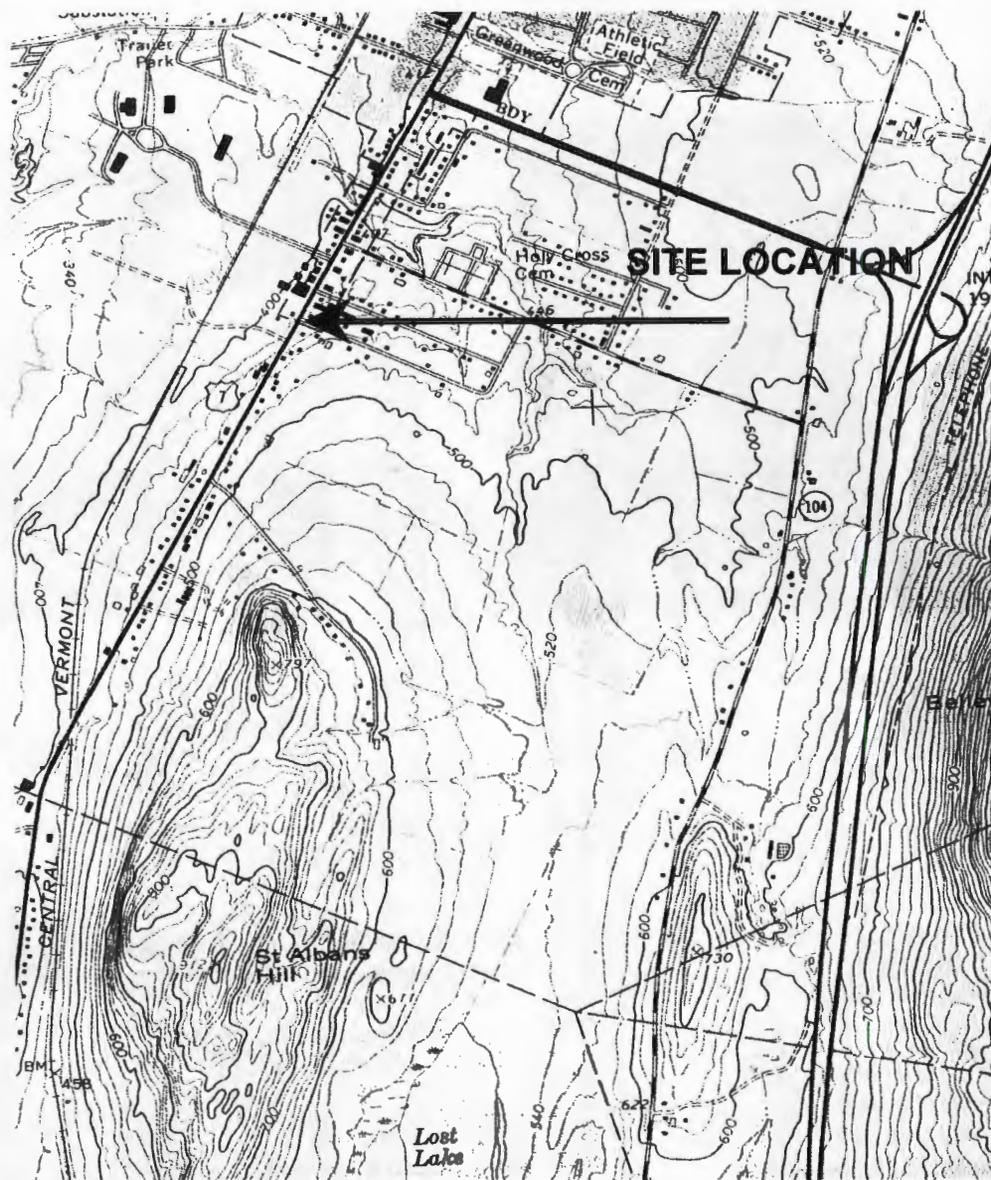
Cc: WESCO
File 090141833



Figures 1 & 2. These photographs are of the open trench before removal of the product lines. A monitoring well is visible in both photos as a white PVC riser.



Figure 3. This photograph shows the location of the diesel dispenser. Grey, contaminated soils were observed from surface grade to the base of the excavation.



Griffin Job Number:

90141833

Source:

USGS Mapping St. Albans, VT 7.5" Quadrangle 1970, Photorevised 1987



St. Albans Exxon St. Albans, Vermont

Site Location Map
USGS Mapping

Date: 11/16/01

Drawing No. 1

Scale: 1:24,000

By: RD

From: "Ted Unkles" <TEDU@dec.anr.state.vt.us>
To: Andy Shively <andys@dec.anr.state.vt.us>, June Middleton <junem@dec.anr.state.vt.us>, Susan Thayer <susant@dec.anr.state.vt.us>
Date sent: Wed, 28 Nov 2001 14:55:45 -0500
Subject: Wesco, St. Albans
Priority: normal

I just received a call from Jeff Gadaou at wesco. the machine that crimps the brass fittings onto the Environ Piping is broken, and they are behind schedule. They will not be ready for an inspection tomorrow. Jeff also said that when he began measuring the grade, he saw that the diesel dispenser is in a low spot on the lot, and the tank is not buried deep enough, so the pipe pitches downhill from the tank to the island. This means that they will have to have sensors in the sumps at both ends -- the dispenser sump will be a mandatory monitoring point.

Jeff will call tomorrow to let us know when he thinks he'll be ready for an inspection. Right now, he doesn't know if the crimping machine is repairable, or if they will have to have a new one shipped to the job site.

Ted Unkles
Coordinator, Underground Storage Tank Program
Vermont Dep't of Environmental Conservation
Waste Management Division
103 South Main Street
Waterbury, VT 05671-0404
(802)241-3882
e-mail: tedu@dec.anr.state.vt.us

UNDERGROUND STORAGE TANK PERMANENT CLOSURE FORM

Vermont Agency of Natural Resources, Department of Environmental Conservation, Waste Management Division
103 South Main Street, West Building, Waterbury, Vermont 05671-0404, Telephone: (802) 241-3888

Agency Use Only
 Date of scheduled Activity: / / Facility ID # Closing: tanks, piping, system
 DEC initials: SMS # DEC evaluator:

Section A. Facility Information:

Name of facility: ST. ARBANS EXXON Number of employees: 23
 Street address: RT. 7 Town/city: ST. ARBANS CITY
 Owner of UST(s) to be closed: WESLO Contact (if different than owner): BILL SIMONDIKER
 Mailing address of owner: P.O. BOX 2257 S. BURLINGTON, VT 05407
 Telephone number of owner: 802-864-5155 Contact telephone #: SAME

Section B. UST Closure Information: (please check one)

Reason for initiating UST closure: Suspected Leak Liability Replacement Abandoned

USTs (piping is considered a part of UST system) undergoing permanent closure. Include condition of USTs

UST #	Product	Size (gallons)	Tank age	Tank Condition	Piping age	Piping condition
1	Gasoline	3,000	10-15 y.o.	UNK	10-15 y.o.	Good
2	Gasoline	3,000	"	"	"	"
3	"	6,000	"	"	"	"
4	Diesel	2,000	10-15	"	"	"

Which tanks, if any, will be closed in-place: USTs# 0 Authorized by: Date:
 Disposal/destruction of removed UST(s): Location Method Date:
 Amount (gal.) and type of waste generated from USTs: (tank contents are hazardous wastes unless recovered as usable product)
 Tank cleaning company (must be trained in confined space entry)
 Certified hazardous waste hauler: Generator ID number:

Section C. Initial site characterization:

Work in this section must be completed by a professional environmental consultant or hydrogeologist with experience in environmental sampling for the presence of hazardous materials. A full report from the consultant must accompany this form.

Excavation information: (some tank pulls require more than one excavation)

Tank(s) # and Excavation (A,B,C,etc)	Depth (ft)	Excavation size(ft ²)	Peak PID reading	Depth of Peak (ft)	Avg PID reading	Bedrock Depth (ft)	Groundwater encountered? (y/n) and at depth (ft)	Soil type
A	1-3'	~1100ft ²	170	1.0'	345.9	UNK	N	SM(SIEN SANDS)

Dig Safe Number: N/A

PID information:

Make: HNU Model: HU-101 Calibration information (date, time, gas): 11/14/01 0910 - BENZENE

Locate all readings and samples on site diagram

Number of soil samples collected for laboratory analysis? 0 results due date
 Have any soils been polyencapsulated on site? Yes (#yds³ PID range above zero ^{low} - ^{peak}) No
 Have any soils been transported off site? Yes list amount (yds³): No
 Location transported to: DEC official who approved:
 Amount of soils backfilled(yds³): ~40 PID range above zero ^{low} 0.0 - ^{peak} 170
 Have limits of contamination been defined? Yes No
 Is there any other known contamination on-site? Yes No Comments:

Free Phase product encountered? Yes : thickness sheen No

Groundwater encountered? Yes depth(ft) No

Are there existing monitoring wells on-site? Yes how many: 1 (locate on site diagram) No

Have new monitoring wells been installed? Yes how many: (locate on site diagram) No

Samples obtained from monitoring wells for lab analysis? Yes results due date / / No

Is there a water supply well on site? Yes (check type: shallow rock spring) No

Number of public water supply wells are located within a 0.5 mile radius? min. distance (ft.): UNK

Number of private water supply wells located within a 0.5 mile radius? min distance (ft.): UNK

Receptors impacted? soil indoor air ambient air groundwater surface water water supply

Facility ID#

Section D: Tanks/Piping Remaining/installed

Regardless of size, include USTs at site as to *status, e.g. "abandoned", "in use", or "to be installed". (Most installations require permits and advance notice to this office.)

UST#	Product	Size(gallons)	Tank age	*Tank status	*Piping age	*Piping Status
①②	GASOLINE	8,000	10-15 Y.O.	IN-USE	10-15 Y.O.	TO BE INSTALLED
③	GASOLINE	6,000	10-15 Y.O.	IN USE	10-15 Y.O.	TO BE INSTALLED
④	DIESEL	2,000	10-15 Y.O.	IN USE	10-15 Y.O.	TO BE INSTALLED

There are no other tanks at this site.

Section E. Statements of UST closure compliance:

(must have both signatures or site assessment not complete)

As the party responsible for compliance with the Vermont UST Regulations and related statutes at this facility, I hereby certify that the all of the information provided on this form is true and correct to the best of my knowledge.

Signature of UST owner or owner's authorized representative

Date of signature

As the environmental consultant on site, I hereby certify that the site assessment requirements were performed in accordance with DEC policy and regulations, and that information which I have provided on this form is true and correct to the best of my knowledge.

Signature of Environmental Consultant

Date of signature

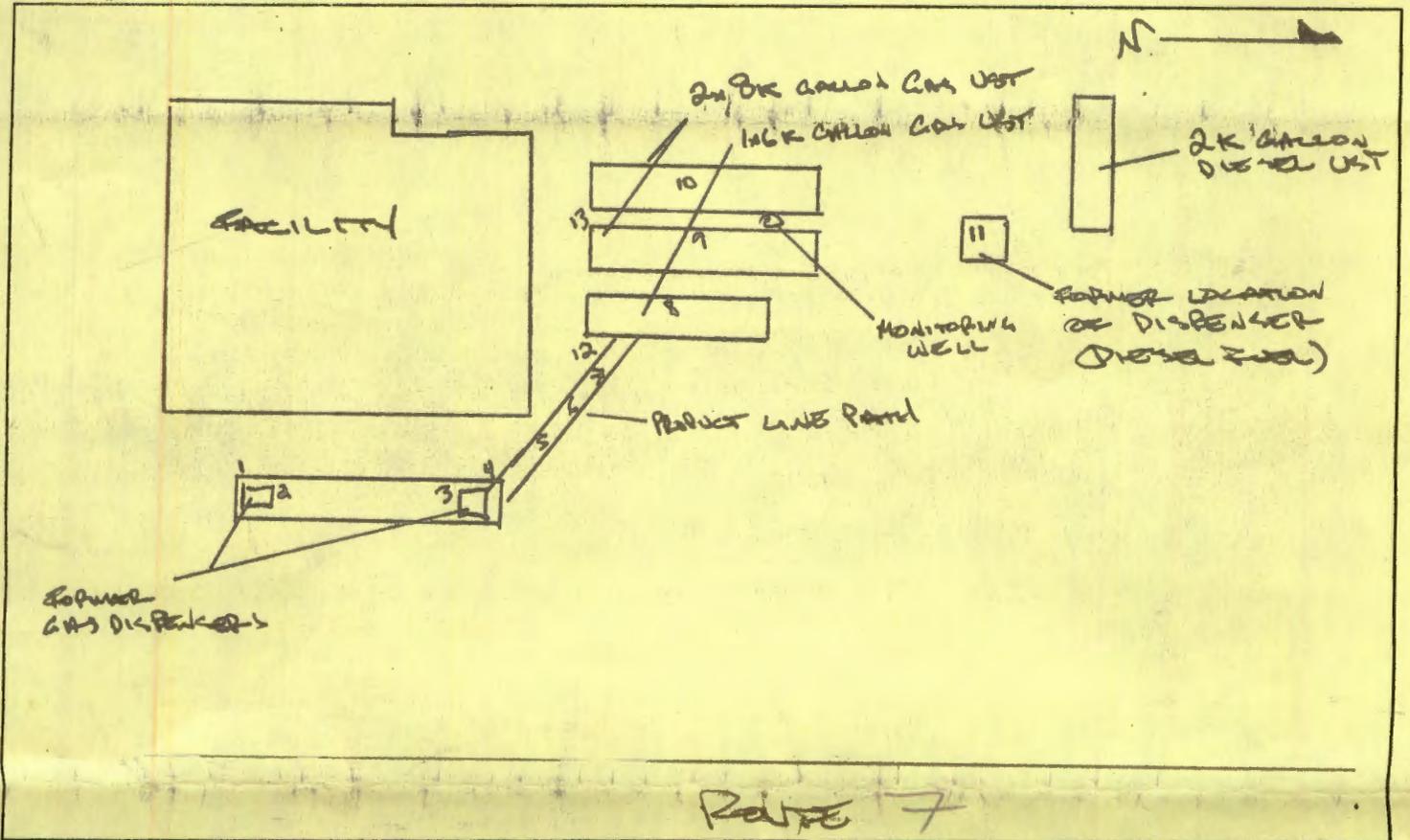
Company: GREEN INTERNATIONAL, INC

Telephone #: 802-865-4200

Date of Closure: 11/14/01 Date of Assessment 11/14/01

Return form along with complete narrative report and photographs to the Department of Environmental Conservation(DEC), Underground Storage Tank Program within 72 hours of closure.

Site diagram



Route 7

NOT TO SCALE

This Closure Form may only be issued for the facility and the date indicated at top of page 1. **Changes in the scheduled closure date should be phoned in at least 48 hours in advance.** Both the yellow and white copies of this form must be returned to the address on the top of page 1 of this form: the pink copy should be retained by the UST owner. A written report from an environmental consultant covering all aspects of closure and site assessment, complete with photographs and any other relevant data, must accompany this form. All procedures must be conducted by qualified personnel, to include training required by 29 CFR 1910.120. Documentation of all methods and materials used must be adequate. All work must be performed in compliance with DEC policy "UST Closure and Site Assessment Requirements" as well as all applicable statutes, regulations, and additional policies. The DEC may reject inadequate closure forms and reports.