



Via Hand Delivery

June 22, 2005

Commonwealth of Massachusetts
Department of Environmental Protection- Western Region
436 Dwight Street
Suite 500
Springfield, Massachusetts 01103

RE: Immediate Response Action Plan- Threat of Release Condition

Sunoco Station 88-90 South Maple Street

88-90 South Maple Street Westfield, Massachusetts

DUNS: 0374-5593 MA DEP RTN: 1-15718 CEA File No. 5795-05

Dear Sir or Madam:

On behalf of Sunoco, Inc. (R & M), (Sunoco), Corporate Environmental Advisors, Inc. (CEA) presents this Immediate Response Action (IRA) Plan for the property located at 88-90 South Maple Street, Westfield, Massachusetts (hereinafter the "site"), prepared in accordance with 310 CMR 40.0424 of the Massachusetts Contingency Plan (MCP).

This IRA Plan has been prepared following the 72-hour Reportable Condition identified on April 12, 2005 upon obtaining knowledge of tightness test results for dispenser piping associated with an underground storage tank (UST). Based on available information provided by Sunoco, the dispenser lines were placed under pressure for tightness testing on April 12, 2005 and the regular unleaded line failed the tightness test. This Threat of Release condition was verbally reported to the Massachusetts Department of Environmental Protection (MA DEP) at 9:40 on April 15, 2005 within 72-hours of obtaining knowledge of the reporting condition pursuant to 310 CMR 40.0314(2) of the MCP. If you have any questions regarding this submittal, please do not hesitate to contact our office at (508) 835-8822.

Sincerely,

Corporate Environmental Advisors, Inc.

Patrick J. Brown

Environmental Scientist I

Scott E. VanderSea, LSP, LEP Principal Hydrogeologist

Cc: William J. Brochu, Sunoco, Inc. (R&M), 4 Bellows Rd., P.O. Box 1262, Westborough, MA 01581

Yvonne M. Monti, Sunoco, Inc. (R&M), Quaker Park, 4th Floor, 1001 E. Hector St., Conshohocken, PA 19428





Immediate Response Action (IRA) Plan

Sunoco Station 88-90 South Maple Street Westfield, Massachusetts 01085 DUNS: 0374-5593

RTN: 1-15718



June 21, 2005

Prepared for:

Sunoco, Inc. (R & M) 4 Bellows Road, P.O. Box 1262 Westborough, Massachusetts 01581-1262

Prepared by:

Corporate Environmental Advisors, Inc. 127 Hartwell Street West Boylston, Massachusetts 01583

Ref. No. 5795-05-001

www.ceg-inc.com

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IMMEDIATE RESPONSE ACTION PLAN

SUNOCO STATION 88-90 SOUTH MAPLE STREET WESTFIELD, MASSACHUSETTS DUNS: 0374-5593

RTN: 1-15718

1.0 INTRODUCTION

On behalf of Sunoco, Inc. (R & M), (Sunoco), Corporate Environmental Advisors, Inc. (CEA) presents this Immediate Response Action (IRA) Plan for the property located at 88-90 South Maple Street, Westfield, Massachusetts (hereinafter the "site"), prepared in accordance with 310 CMR 40.0424 of the Massachusetts Contingency Plan (MCP).

This IRA Plan has been prepared following the 72-hour Reportable Condition identified on April 12, 2005 upon obtaining knowledge of tightness test results for dispenser piping associated with an underground storage tank (UST). Based on available information provided by Sunoco, the dispenser lines were placed under pressure for tightness testing on April 12, 2005 and the regular unleaded line failed the tightness test. This Threat of Release condition was verbally reported to the Massachusetts Department of Environmental Protection (MA DEP) at 9:40 on April 15, 2005 within 72-hours of obtaining knowledge of the reporting condition pursuant to 310 CMR 40.0314(2) of the MCP. The location of the site is shown on **Figure 1**, **Site Locus**. Pertinent site features are shown on **Figure 2**, **Site Layout**. A summary of current site conditions, IRA activities performed to date, objectives, plans and a schedule for proposed IRA activities are described below.

Party Assuming Responsibility for the Immediate Response Action:

Mr. William Brochu Sunoco, Inc. (R & M) 4 Bellows Road, P.O. Box 1262 Westborough, Massachusetts 01581 Phone 800 777 6444 ext 1357

LSP of Record for IRA Activities:

Mr. Scott E. VanderSea, LSP # 3978 Corporate Environmental Advisors, Inc. 127 Hartwell Street West Boylston, Massachusetts 01583 Phone 508 835 8822



2.0 DESCRIPTION OF RELEASE, SITE CONDITIONS AND SURROUNDING RECEPTORS

The site is a retail gasoline sales facility located at 88-90 South Maple Street in Westfield, Massachusetts. Based on available information, three underground storage tanks are currently located at the site. On April 12, 2005, tightness testing was conducted on the UST piping associated with underground storage tanks by Crompco Corporation (Crompco) on behalf of Sunoco. The existing gasoline USTs are located on the southwest portion of the site behind the convenience store and pump islands are located to the right and left of the convenience store.

2.1. UST System Tightness Testing

The April 12, 2005 tightness testing results indicated the regular unleaded UST dispenser line failed when placed under pressure for tightness testing. Therefore, a Threat of Release requiring DEP notification within 72-hours of obtaining knowledge was identified at approximately 2:30 p.m. on April 12, 2005, in accordance with 310 CMR 40.0314(2) of the MCP. A copy of the April 12, 2005 tightness testing results is provided in **Appendix A**. Also indicated in **Appendix A** are the results of the April 13, 2004 tightness testing (conducted after repairs), which reported all results as passing. Notification to the MA DEP is documented below in **Section 2.2**.

2.2. Notification and Verbally Approved IRA Activities

On April 15, 2005 at 9:40 p.m., verbal notification was provided to the MA DEP-Western Region (WERO) by Sunoco for the 72-hour reportable condition in accordance with 310 CMR 40.0314(2) of the MCP. The DEP issued Release Tracking Number (RTN) 1-15718 and provided verbal authorization to repair the dispenser line, excavate up to 100 yards of petroleum contaminated soils during the repairs, and conduct assessment activities as necessary to determine the extent of release to the environment.

On April 19, 2005, MA DEP issued a *Notice of Responsibility (NOR)*. The NOR established an Interim Deadline that the approved IRA assessment actions must be completed at the subject site within one (1) year (by April 15, 2006) of the notification date.

On June 14, 2005, a Release Notification Form (RNF), Bureau of Waste Site Cleanup Form (BWSC-103) was submitted to MA DEP for RTN 1-15718 on behalf of Sunoco.

2.3. Potential Receptors

The site is located in a commercial and residential area of Westfield. Residential properties abut the site to the east, and across South Maple Street to the north and northeast. A wooded area abuts the site to the south. Commercial properties are located along South Maple and Mill Street to the west of the site.



According to the MA DEP Site Scoring Map provided in Figure 3, dated June 14, 2005, the site is not located within an Interim Wellhead Protection Area (IWPA), Approved Zone 2, Zone A of a Class A Surface Water Body, or within a Potential Drinking Water Source Area (PDWSA). No known private drinking water supply wells are located within 500 feet of the site. The site is supplied with municipal water by the City of Westfield.

The closest potential receptor is Little River located within approximately 200-feet south of the site. Protected Open Space is located within approximately 1,000-feet to the south, and within approximately a half-mile to the west and east of the site. The site is located within a FEMA 100-year floodplain, to the south and southeast.

3.0 INITIAL IRA ASSESSMENT ACTIVITIES COMPLETED

3.1 UST Product Line Excavation and Repair

Upon obtaining knowledge of the failed UST line tightness test result on April 12, 2005, Sunoco immediately removed the unleaded dispenser lines and USTs from service. The location of the line leak was identified through helium tracer testing on April 13 and 14, 2005, and the line was excavated and repaired on April 14 and 15, 2005.

On April 14 and 15, 2005, CEA supervised the excavation and repair of the dispenser piping. Soil was excavated from a trench that was approximately nine-feet long and three and a half feet wide. During the excavation of piping, soil samples were collected from the excavation and field screened using the DEP jar-headspace method and an HNU Model PI 101 photo-ionization detector (PID), calibrated to an isobutylene standard for total organic vapor (TOV) concentrations. Soil samples were collected from the limits of excavation to determine if a release of oil and/or hazardous materials (OHM) requiring notification under the MCP had occurred at the property. TOV concentrations measured in soil samples collected from the UST excavation were greater than 100 ppm. Approximately 2-cubic yards of petroleum-impacted soil were temporarily stockpiled on plastic on-site, pending confirmatory laboratory analysis for off-site recycling. On April 21, 2005, CEA was onsite to supervise additional soil excavation with in the same area excavated on April 14, 2005, however no soil was excavated during the site visit.

On April 27, 2005, the excavation was lengthened and expanded to expose the regular and ultra gasoline dispenser lines, to check for potential leaks and to install cathodic protection. A total of approximately 5 cubic yards of petroleum impacted soil was generated between April 15 and 27, 2005. On April 28, 2005, the trench was backfilled clean material and finished to surface grade with a concrete pad.



3.1.1 Post-Excavation Soil Sampling and Analysis

On April 14 and April 27, 2005, post-excavation composite soil samples were obtained from the excavation limits for confirmatory laboratory analysis. Soil samples Sample-1 through Sample-4 were collected on April 14, 2005. On April 27, 2005, soil represented by Sample-1 and Sample-2 was excavated and soil sample "1 S-B-2" was collected. Sample-3 was excavated and "2 S-B-2" was collected. Soil samples 4 S-B-2' and 5 S-COMP-2' were also collected. Soil samples were field preserved, placed on ice and submitted to Accutest Laboratories, Inc. (Accutest) of Marlborough, Massachusetts under Chain of Custody Protocol. All confirmatory soil samples were analyzed for volatile petroleum hydrocarbon (VPH) fractions and target analytes via the DEP Method. Confirmatory soil sample locations are depicted on Figure 2, Site Layout. The results of VPH analysis are summarized in Table 1 and discussed below.

Upon completion of soil excavation and sampling activities on April 28, 2005, the excavation was backfilled with clean fill material, compacted and restored to grade.

3.1.2 Soil Analytical Results

Referring to **Table 1**, low detectable VPH concentrations were reported above applicable laboratory Reporting Limits (RL) in soil samples Sample 1, 2, 4, 1 S-B-2', 4 S-B-2' and 5 S-COMP-2'. VPH (C5-C8 aliphatics, C9-C10 aromatics), toluene and total xylenes were detected above Method 1 Risk Characterization (M1RC) S-1/GW-2 & 3 standards in soil samples Sample 3 and 2 S-B-2'. Post-excavation soil sample locations are depicted on **Figure 2**, **Site Layout**. VPH laboratory analytical results are summarized in **Table 1**. A copy of the soil laboratory analytical report is provided in **Appendix B**.

3.2 UST Line Tightness Test Results - Post Repair

Following repairs, the regular and ultra unleaded lines were tightness tested on April 29, 2005. Leak detectors were also tested. All tests were reported as passing. Tightness test results are attached as **Appendix A**.

4.0 REASONS WHY IRA ACTIVITIES ARE REQUIRED

Immediate Response Actions are required for any release or threat of release condition where notification to the MA DEP is required within 2 or 72 hours of obtaining knowledge, in accordance with 310 CMR 40.0412(2). On April 15, 2005, verbal approval was granted by MA DEP for an IRA consisting of assessment as necessary and excavation of up to 100 cubic yards contaminated soil.



5.0 IRA OBJECTIVES AND PLAN

5.1 IRA Objectives

The objective of the IRA is to determine whether or not immediate response actions are necessary at this site to prevent, eliminate or minimize damage to health, safety, public welfare or the environment. IRA activities conducted so far (refer to Section 3.1.2) indicates that a release to the environment has occurred. Results of additional assessment activities will be evaluated to determine what additional response actions are warranted, whether further assessment of potential impacts to the environment, abutting and/or nearby residential or commercial properties is necessary, and if any Critical Exposure Pathways or Imminent Hazards exist.

5.2 IRA Plan

In addition to the verbally-approved IRA activities discussed in Sections 2.2 and 3.0 and performed in April 2005, the following IRA activities are proposed as part of the IRA Plan in accordance with 310 CMR 40.0424:

- Upgrade the existing UST associated dispenser piping to double walled fiberglass piping.
- During excavation, soils will be screened with an HNu photoionization detector. Soils
 exhibiting greater than 80-100 ppm on the HNu will be segregated and stockpiled for off-site
 recycling. It is anticipated that the total volume of petroleum contaminated soil generated
 soil for off-site recycling will not exceed 100 cubic yards during the IRA. Post excavation
 soil samples will be retained and submitted for VPH analysis.
- If groundwater and/or NAPL is encountered during excavation activities, and dewatering activities are necessary for construction work, a groundwater recovery sump will be installed below the observed depth to groundwater. A pump will placed in the sump to pump groundwater (and NAPL) from the excavation into a frac-tank for settling before being treated through a bag filter assembly and two 500 to 1,000-pound capacity (GACA) piped in series and discharged. Treated effluent will be discharged in accordance with a National Pollutant Discharge Elimination System (NPDES) Permit exclusion.
- Gauge and survey previously installed monitoring wells to determine current groundwater flow direction. Collect and analyze groundwater samples from select existing monitoring wells for VPH and target analytes via the DEP Method to determine current groundwater quality. Install additional monitoring wells/soil borings if necessary to characterize soil/groundwater quality and flow direction.
- Determine whether Critical Exposure Pathways (CEPs), conditions of Substantial Release Migration (SRM) or Imminent Hazards exist.



6.0 REMEDIATION WASTE MANAGEMENT

Petroleum contaminated soils generated as part of IRA activities conducted for RTN 1-15718 will be characterized using laboratory analysis, then sent to an appropriate offsite soil recycling facility.

7.0 FEDERAL, STATE AND LOCAL PERMITS

A NPDES permit exclusion may be necessary to discharge treated groundwater necessary as part of the piping upgrades outlined in Section 5.2.

8.0 IRA STATUS REPORTS

Pursuant to 310 CMR 40.0425(1), an IRA status report for RTN 1-15718 will be submitted to the MA DEP within 120-days of the initial release notification on April 15, 2005, and every 6-months thereafter until an Immediate Response Action Completion (IRAC) report is filed. IRA Status reports will document the following information pertaining to the site:

- Status of assessment and/or remediation activities;
- Any significant new site information or data;
- Details or plans for the management of remedial waste;
- Any other information required by the MA DEP; and,
- An LSP opinion whether the IRA is being conduced in conformance with the IRA Plan and any conditions of approval established by DEP.

8.1 DEP Interim Deadline and Conditions

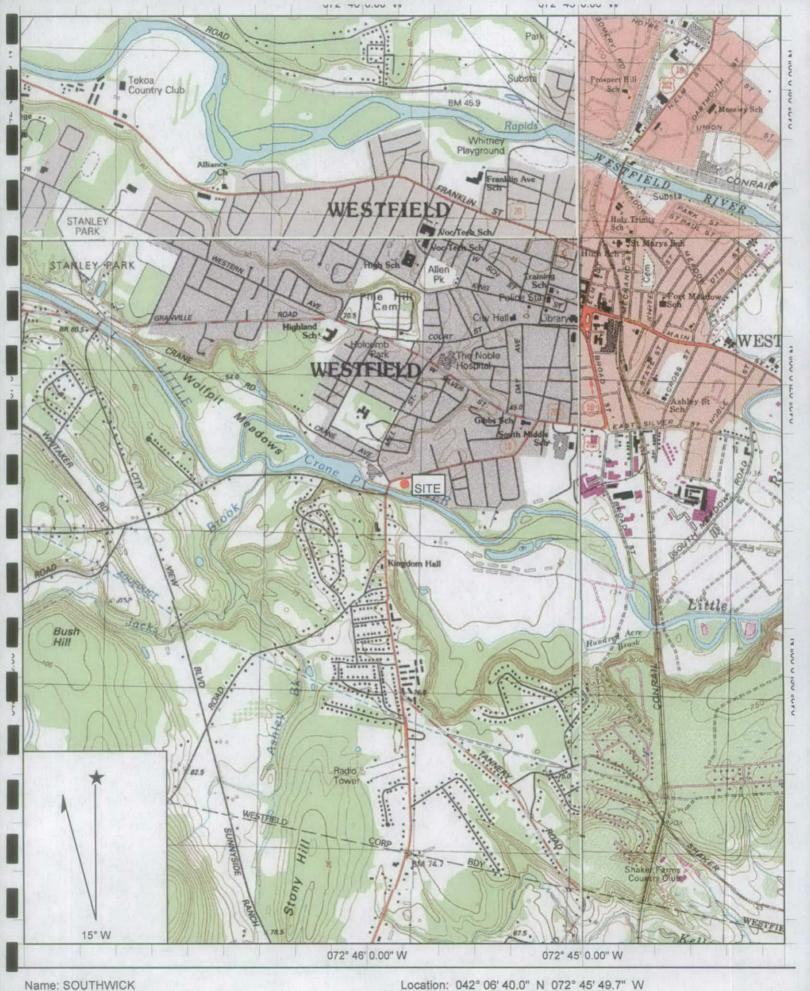
In accordance with the Notice of Responsibility and Interim Deadline; Conditions for Assessment-only Immediate Response Actions issued to Sunoco on April 19, 2005 for RTN 1-15718, the approved IRA assessment actions must be completed at the subject site within one year of the notification date (by April 15, 2006) for the release or threat of release. Pursuant to the DEP Interim Deadline, an IRA Completion Statement or Modified IRA Plan/IRA Status Report addressing proposed remedial IRA actions must be submitted to DEP no later than one year after the notification date, unless a Response Action Outcome Statement or Downgradient Property Status are submitted to DEP.

9.0 PUBLIC NOTIFICATION

Copies of the letters sent to the Westfield Chief Municipal Officer (CMO) and Public Health Department as official notification that this Immediate Response Action Plan is being filed with MA DEP is attached as **Appendix C**.



Figures



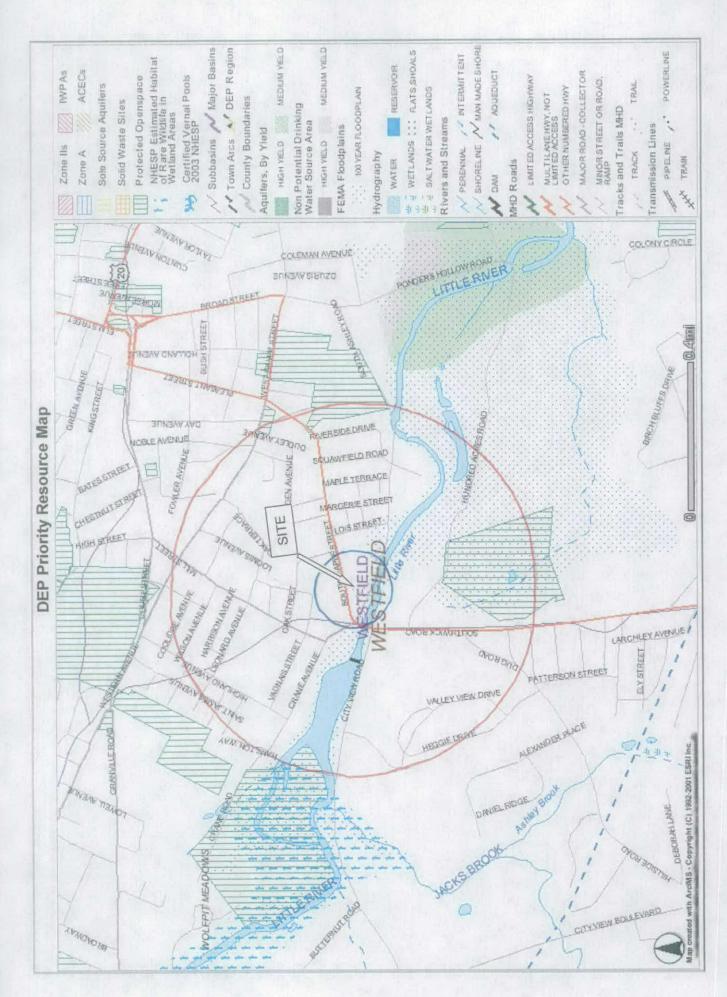
Name: SOUTHWICK Date: 6/17/2005

Scale: 1 inch equals 2000 feet

Caption: Site Locus Westfield Sunono

88-90 South Maple Street, Westfield, MA 01085





- 500 feet - 1/2 mile

6/14/2005 2:49 PM



Table 1 Summary of Soil Analytical Data - VPH and Target Analytes Sunoco Station 88-90 South Maple Street Westfield, Massachusetts RTN 1-15718

Sample ID	Sample Date	Sample Depth (feet)	Screening Result (ppmv)	C5-C8 Aliphatics (mg/kg)	C9-C12 Aliphatics (mg/kg)	C9-C10 Aromatics (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	MTBE (mg/kg)
M1RC Standards S	-1/GW-2 & 3	_	——————————————————————————————————————	100	1,000	100	40	500	500	500	100	100
M1RC Standards S	-3/GW-2	×—×	***	500	5,000	500	100	500	2,500	500	1,000	200
M1RC Standards S	-3/GW-3		_	500	5,000	500	200	2,500	500	2,500	1,000	200
Upper Concentration	on Limits		_	5,000	20,000	5,000	2,000	10,000	10,000	10,000	10,000	5,000
Sample 1 **	4/14/2005*	2'	2	4.9	<2.4	<2.4	<0.12	0.64	0.12	0.48	<0.12	3.79
Sample 2 **	4/14/2005*	2'	100	9.7	4.3	8.4	<0.11	0.90	0.30	1.63	<0.11	2.89
Sample 3 **	4/14/2005*	2'	140	3,410	1,300	1,040	28.6	545	124	421	19.9	205
Sample 4	4/14/2005*	2'	10	4.5	2.4	<2.1	<0.11	0.38	<0.11	0.39	<0.11	0.62
1 S-B-2'	4/27/2005	2'	104	9.63	<3.1	<3.1	<0.15	0.20	<0.15	0.17	0.17	7.35
2 S-B-2'	4/27/2005	2'	144	4,790	2,190	2,380	30.3	1,050	416	1,454	40.1	204
4 S-B-2'	4/27/2005	2'	53	8.2	<3.0	<3.0	<0.15	0.8	0.15	0.64	0.17	3.1
5 S-COMP-2'	4/27/2005	2'	235	4.75	<3.6	<3.6	<0.18	<0.18	<0.18	0.18	<0.18	0.21

Shaded values indicate concentrations above M1RC S-1 Standards.

Bold values indicate concentrations above M1RC S-3 Standards.

^{*} All Soil Samples taken on 4-14-2005 were not analyzed for % solids ** Soil samples taken on 4-14-2005 were excavated on 4-27-2005

APPENDIX A

Copies of Tightness Test Results



TEST RESULTS

May 16th, 2005

Chief Frank O'Brien Westfield Fire Dept. 34 Broad Street Westfield, MA 01085

Test Results

Dear Chief Frank O'Brien:

Enclosed are copies of the test results performed by Crompco Corporation at the station listed below. These results are being submitted to you in accordance with the Commonwealth of Massachusetts Fire Prevention Regulations. Copies of the test results were also sent to the service station to be retained at the station in case an inspection would occur by a state or local agency.

Facility #	Address	Test Date	Crompco Work Order	Test(s) Performed
03745593	88-90 Maple St Westfield, MA 01085	April 29th, 2005	125229	Leak Detector Petro-tite Line Daily Station Log

If you should have any questions regarding the tests enclosed, please contact Crompco Corporation at 1-800-646-3161.

Sincerely,

Stente

Jennifer Slentz Compliance Administrator

CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING



Crompco Corporation 1815 Gallagher Road

Plymouth Meeting, PA 19462

Phone: (610) 278-7203 Fax: (610) 278-7621

Work Order #125229	Client Information	Station #03745593
Date:April 29th, 2005 Reason:Maintenance Compliance:Yes	Sunoco Inc.(Roland Davis) Invoice #81122 Permit# P.O.#M710252203	Sunoco Service Station 88-90 Maple St Westfield, MA 01085 County: Hampden State ID: 0-007892

Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations. Owner/Operator is responsible to submit test certificate/results and any applicable state forms to state and/or local agencies where applicable.

		Lines	
Equip #	Grade	Test	Result
001	Regular	Petro-tite Line	Pass
003	Ultra	Petro-tite Line	Pass
	* *	Leak Detectors	200 (Au. 0)
Equip #	Grade	Test	Result
001	Regular	Leak Detector	Pass
003	Ultra	Leak Detector	Pass

TRAVEL: Travel: 2 Men (3 hours) LABOR: Labor: 2 Men (7.5 hours) TOOL TRUCK: Tool Truck (7.5 hours)

Dale Williamson

Petro-Tite Line Testing #PAC0137121305R

Chris Quarella

Petro-Tite Line Testing #PAC0101051407C

Chris Quarella

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462

Sunoco Service Station

88-90 Maple St Westfield, MA

Customer Copy Site #03745593 / WO

Page 2 of 6

Phone: (610) 278-7203 01085

#125229

FAX: 610-278-7621

April 29th, 2005

Petro Tite Line Test

Line Number: 001

Test Pressure: 50.00 psi

Grade: Regular

Net Volume Change: 0.00000 gph

Material: Fiberglass

Bleedback

Length: 150 ft.

Allowable (gal): 0.08600

Diameter: 2 in.

Measured (gal): 0.04500

Wall: Single

Pump Manufac: Red Jacket

▼ Pass

Type of System:

☐ American Suction Pressure

Result: Fail Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1130	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	50.0	0.0000	0.0000	0.0000	
1230	Started Line Test	0.0	50.0	0.0000	0.0450	0.0000	* **
1245	Line Test Continued	50.0	50.0	0.0450	0.0450	0.0000	
1300	Line Test Continued	50.0	50.0	0.0450	0.0450	0.0000	
	Bleed Back	50.0	0.0	0.0450	0.0900	0.0450	

Petro Tite Line Test

Line Number: 003

Test Pressure: 50.00 psi

Grade: Ultra

Net Volume Change: 0.00000 gph

Material: Fiberglass

Bleedback

Length: 150 ft.

Allowable (gal): 0.12200

Diameter: 2 in.

Measured (gal): 0.04900

Wall: Double

Pump Manufac: Red Jacket

Type of System: ☐ American Suction Pressure

Pass

Result: | Fail

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
	0		After	Before	After	Change	
	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1130	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	50.0	0.0000	0.0000	0.0000	
1230	Started Line Test	0.0	50.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	50.0	50.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	50.0	50.0	0.0310	0.0310	0.0000	
	Bleed Back	50.0	0.0	0.0310	0.0800	0.0490	

Page 3 of 6

Crompco Corporation: Station #: Work Order #125229 Date: Apr 29th, 2005

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462

Sunoco Service Station

FAX: 610-278-7621

Phone: (610) 278-7203 01085

88-90 Maple St Westfield, MA

Customer Copy Site #03745593 / WO

#125229

April 29th, 2005

Petro Tite Leak Detector Test

Petro Tite Leak Detector Test

Leak Detector Number: 001		Leak Detector Number:	003
Grade: Regular		Grade:	Ultra
Make: Red Jacket		Make: Red Jacket	
Model:	CPT	Model:	CPT
Serial #	n/a	Serial #	n/a
☐ Mechanical	▽ Electronic	☐ Mechanical	▼ Electronic
Result: ▼ Pass 「	Fail Inconclusive	Result: ☑ Pass ☐	Fail Inconclusive

Scanned Paperwork, Page #1



1815 Gallagher Road | Plymouth Meating, PA 19462 | [610] 278-7703 | FAX 278-7621

CROMPCO CORPORATION	3000000 ± 44	DATE 7- 29-05
TATION NUMBER 637	WORK ORDER	NUMBER 135334
DORESS Survey S. Marie Westhold	(R+262+10)	
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SITE DIAGRAM (NO COMMENTS)

	4.29-05	age of the second page of	
Work Order #:	0374-5593	10-1	
Please Include on	DIAGRAM the diagram the location of the following: tanks to wells, drop tank (if applicable), excavation ar RF 202 + 1	s, dispensers, ven ea of line/vepor/ta	ts, c-store/kiosk, cross
D	50000	Ω	Д
		۵	



TEST RESULTS

April 19th, 2005

Chief Frank O'Brien Westfield Fire Dept. 34 Broad Street Westfield, MA 01085

Test Results

Dear Chief Frank O'Brien:

Enclosed are copies of the test results performed by Crompco Corporation at the station listed below. These results are being submitted to you in accordance with the Commonwealth of Massachusetts Fire Prevention Regulations. Copies of the test results were also sent to the service station to be retained at the station in case an inspection would occur by a state or local agency.

Facility #	Address	Test Date	Crompco Work Order	Test(s) Performed
03745593	88-90 Maple St Westfield, MA 01085	April 12th, 2005	122020	Leak Detector Petro-tite Line Shear Valve Daily Station Log

If you should have any questions regarding the tests enclosed, please contact Crompco Corporation at 1-800-646-3161.

Sincerely,

Stente

Jennifer Slentz Compliance Administrator

Page 1 of 14

Crompco Corporation: Station #: Work Order #122020 Date: Apr 12th, 2005

CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING



Crompco Corporation 1815 Gallagher Road

Plymouth Meeting, PA 19462

Phone: (610) 278-7203 Fax: (610) 278-7621

Work Order #122020		Client Inform	ation	Station #03745593		
		Sunoco, Inc. (R&M)(Sandra Carl - P&C) Invoice #80272 Permit# P.O.# with all applicable portions of Federal, NFP cate/results and any applicable state form:				
		a	pplicable.			
		Vapor Rec	overy - Stage II	t a marganet		
Test		204 375	Result			
Pressure Decay		***	Pass			
Dry Blockage	U 107300 N. 10000	11.62.4	Pass			
Wet Blockage		Pass				
Pressure/Vacuum		146.81	Pass			
Vapor Space Tie-Ir	1		Pass			
			Lines			
Equip #	Grade		Test	Result		
001	Regular		Petro-tite Line	Fail		
003	Ultra	90. 6-3-5%	Petro-tite Line	Pass		
2.00		Leak	Detectors			
Equip #	Grade		Test	Result		
003	03 Ultra		Leak Detector	Pass		
		Miscellane	ous Inspections			
Test			Result			
Shear Valve	700072		Pass			
		Addit	ional Costs			

Dale Williamson

OPW Installation Training for EVR Phase I #02610 Petro-Tite Line Testing #PAC0137121305R INCON #03093450, 03093451, 03093452

Veeder Root Level 1 #006-05-1709

Chris Quarella

Chris Quarella

OPW Installation Training for EVR Phase I #02608 Petro-Tite Line Testing #PAC0101051407C

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462

Sunoco Service Station

88-90 Maple St Westfield, MA

Customer Copy Site #03745593 / WO

#122020

Phone: (610) 278-7203 01085 FAX: 610-278-7621

April 12th, 2005

Pressure Decay Test

Result:	₩ Pass	Fail	☐ Inconcl	usive						
20. 1414		av 50		System I	nfo	200				
Vapor R ☑ Balan ☑ Vac A ☑ Inact	ecovery Typo ice assist ive	e:	AM	urer: N / A cutive Order N of Nozzles: 24	lumber: G-	70-52-	Manif V Yes No			
	tiate(t)					Pre	ssure	(in H20))	
Grade	Capacity (gal)	Volume Present (gal)	Ullage (gal)	Init. Pressure (in H20)	1.0 min	2.0 min	3.0 min	4.0 min	5.0 min	Allowable
Regular	8000	3285	4715							The late have become
Regular	10000	4104	5896							
	18000	7389	10611	10.000	10.00	9.95	9.90	9.85	9.80	9.612

Page 3 of 14

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462

Sunoco Service Station

88-90 Maple St Westfield, MA

Customer Copy Site #03745593 / WO

Phone: (610) 278-7203 01085

#122020

FAX: 610-278-7621

April 12th, 2005

Pressure Decay Test

**************************************	: 🔽 Pass			System	Info					
₩ Bala Vac	Recovery Ty ance Assist ctive	pe:		urer: N / A cutive Order N f Nozzles: 24	lumber: G-	70-52-AM	Manif ✓ Yes ✓ No	olded:		
	A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5					Pre	ssure	(in H20)	# %
Grade	Capacity (gal)	Volume Present (gal)	Ullage (gal)	Init. Pressure (in H20)	1.0 min	2.0 min	3.0 min	4.0 min	5.0 min	Allowable
Ultra	12000	2675	9325							10
	12000	2675	9325	10.000	10.00	9.95	9.95	9.90	9.90	9.573

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462 Sunoco Service Station 88-90 Maple St Westfield, MA **Customer Copy** Site #03745593 / WO #122020

Phone: (610) 278-7203 01085 **FAX:** 610-278-7621

#122020 April 12th, 2005

Blockage Test

Dry Result: P Failed Dry points: Wet Result: P Failed Wet Points:

			Dry Blo	ckage				Wet Blocka	ige
Dispenser #	Grade	9	40 cfh (.16 max)	60 cfh (.35 max)	80 cfh (.62 max)	P/F	Gallons Dispensed	60 cfh (0.35 max)	Р/
1	Dispenser 	Plus	0.100	0.280	0.440	Р	2	0.280	Р
1.	Dispenser	Ultra	0.090	0.240	0.450	Р	0	0.000	X
10	Dispenser 	Ultra	0.100	0.230	0.450	Р	0	0.000	X
10	Dispenser	Plus	0.090	0.250	0.410	Р	2	0.260	Р
11	Dispenser	Ultra	0.120	0.250	0.460	Р	0	0.000	х
11	Dispenser	Plus	0.090	0.270	0.410	Р	2	0.280	Р
12	Dispenser	Plus	0.130	0.290	0.490	Р	2	0.290	Р
12	Dispenser	Ultra	0.140	0.270	0.510	Р	0	0.000	×
2	Dispenser	Plus	0.110	0.270	0.460	Р	2	0.280	Р
2	Dispenser	Ultra	0.120	0.230	0.340	Р	0	0.000	×
3	Dispenser	Ultra	0.110	0.280	0.410	Р	0	0.000	×
3	Dispenser	Plus	0.110	0.310	0.480	Р	2	0.310	Р
4	Dispenser	Plus	0.100	0.300	0.550	Р	0	0.320	Р
4	Dispenser 	Ultra	0.090	0.290	0.490	Р	0	0.000	×
5	Dispenser I	Ultra	0.130	0.280	0.510	Р	0	0.000	Х
5	Dispenser	Plus	0.100	0.290	0.470	Р	2	0.280	Р
6	Dispenser 	Ultra	0.150	0.260	0.500	Р	0	0.000	×
6	Dispenser 	Plus	0.120	0.290	0.480	Р	2	0.300	Р
7	Dispenser F	Plus	0.100	0.300	0.500	Р	2	0.300	Р
7	Dispenser	Ultra	0.080	0.270	0.490	Р	0	0.000	х
8	Dispenser 	Ultra	0.090	0.260	0.470	Р	0	0.000	×
8	Dispenser	Plus	0.130	0.310	0.510	Р	2	0.310	Р

Page 5 of 14

9	Г	Ultra	0.090	0.280	0.470	Р	0	0.000	X
9	Dispenser	Plus	0.140	0.290	0.520	Р	2	0.290	Р

Page 6 of 14

Crompco Corporation: Station #: Work Order #122020 Date: Apr 12th, 2005

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462

Sunoco Service Station

88-90 Maple St Westfield, MA

OR

OR

Customer Copy Site #03745593 / WO

Phone: (610) 278-7203 01085 **FAX:** 610-278-7621

#122020 April 12th, 2005

Pressure Vacuum Vent Cap Test

Valve #: 1 Manifolded: T Yes ₩ No

Grade: Regular

PV Valve Setting: 3 in. Pressure / 8 in. Vacuum

Result: Retest Result: X

Valve #: 2 Manifolded: ☐ Yes V No

Grade: Regular

3 in. Pressure / 8 in. Vacuum PV Valve Setting:

Result: Retest Result: X

Valve #:

Manifolded:

V No

OR

Grade:

Ultra

PV Valve Setting: 3 in. Pressure / 8 in. Vacuum

Result: Retest Result: X

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462

Sunoco Service Station

FAX: 610-278-7621

88-90 Maple St Westfield, MA

Phone: (610) 278-7203 01085

Site #03745593 / WO #122020

April 12th, 2005

Customer Copy

Vapor Space Tie In Test

Tank System comply with TP-201.3c

Result:

Page 8 of 14

Crompco Corporation: Station #: Work Order #122020 Date: Apr 12th, 2005

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462

Sunoco Service Station

88-90 Maple St Westfield, MA

Customer Copy Site #03745593 / WO

FAX: 610-278-7621

Phone: (610) 278-7203 01085

#122020 April 12th, 2005

Petro Tite Line Test

Line Number: 001

Test Pressure: 50.00 psi

Grade: Regular

Net Volume Change: -0.19900 gph

Material: Fiberglass

Bleedback

Length: 150 ft.

Allowable (gal): 0.08600

Diameter: 2 in.

Wall: Single

Pump Manufac: Red Jacket

Measured (gal): 0.00000

Type of System: ☐ American Suction Pressure

Result: Fail Inconclusive

_	B	Pressur	e (psi)	V	olume (g	jal)	C
Time	Procedure	Before	After	Before	After	Change	Comments
910	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
915	Started Line Test	0.0	50.0	0.0000	0.0760	0.0000	
920	Line Test Continued	50.0	21.0	0.0760	0.0100	-0.0660	
925	Line Test Continued	50.0	21.0	0.0880	0.0220	-0.0660	
930	Line Test Continued	50.0	21.0	0.0850	0.0180	-0.0670	
280-2	end line test	0.0	0.0	0.0000	0.0000	0.0000	

Petro Tite Line Test

Line Number: 003

Test Pressure: 50.00 psi

Grade: Ultra

Net Volume Change: 0.00000 gph

Material: Fiberglass

Bleedback

Length: 150 ft.

Allowable (gal): 0.12200

Measured (gal): 0.06800

Diameter: 2 in.

Wall: Single

Pump Manufac: Red Jacket

Pass

Type of System: American Suction Pressure

Result: Fail Inconclusive

Time	Procedure	Press (ps		Vo	olume (g	al)	Comments
1800000000	The control of the state of the	Before	After	Before	After	Change	
910	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
915	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	50.0	0.0000	0.0000	0.0000	
1015	Started Line Test	0.0	50.0	0.0000	0.0320	0.0000	
1030	Line Test Continued	50.0	50.0	0.0320	0.0320	0.0000	
1045	Line Test Continued	50.0	50.0	0.0320	0.0320	0.0000	
	Bleed Back	50.0	0.0	0.0320	0.1000	0.0680	

Page 9 of 14

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462 Sunoco Service Station 88-90 Maple St Westfield, MA Customer Copy Site #03745593 / WO

#122020

Phone: (610) 278-7203 01085 **FAX:** 610-278-7621

April 12th, 2005

Petro Tite Leak Detector Test

Leak Detector Number:	003
Grade:	Ultra
Make:	Red Jacket
Model:	СРТ
Serial #	not visible
☐ Mechanical	▼ Electronic
Result: ▼ Pass 「	Fail Inconclusive

Page 10 of 14

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462 **Sunoco Service Station** 88-90 Maple St Westfield, MA Customer Copy Site #03745593 / WO #122020 April 12th, 2005

Phone: (610) 278-7203 01085 FAX: 610-278-7621

Dispenser Shear Valve Inspection

Overall Result: P	21 2004 2 20				12
Р	near Valves Operation				
Do Not Operate	Properly:				•
	lounted Properly:				
Dispenser #	Product	Operating Properly	Installe	d/Mounte	d Properly
1/2	Regular	▼ Yes 「No 「Unknown 」 「Unknown 」 「Unknown 」 「Unknown 」 「Unknown 」	▼ Yes	□ No	☐ Unknown
1/2	Ultra	▼ Yes	▼ Yes	Гио	「Unknown
1/2	Premium	▼ Yes	Yes	T No	□ Unknown
11/12	Ultra	Yes I No I Unknown	▼ Yes	Г No	□ Unknown
11/12	Regular	Yes No Tunknown	₩. Yes	I. No	Unknown
11/12	Premium	Yes No Unknown	☑ Yes	I No	Г Unknown
3/4	Premium	Yes No Tunknown	▼ Yes	□ No	T Unknown
3/4	Regular	▼Yes	▼ Yes	□ No	☐ Unknown
3/4	Ultra	Yes No Unknown	▼ Yes	□ No	T Unknown
5/6	Regular	▼Yes □No □Unknown	∇ Yes	I No	T. Unknown
5/6	Ultra	▼Yes ¬No ¬Unknown	▼ Yes	T No	□ Unknown
5/6	Premium	▼ Yes	✓ Yes	ΓNο	□ Unknown
7/8	Regular	Ves □No □Unknown	∇ Yes	T No	T Unknown
7/8	Premium	▼ Yes	∇ Yes	T No	□ Unknown
7/8	Ultra	₹Yes FNo FUnknown	✓ Yes	□ No	□ Unknown
9/10	Ultra	▼Yes 「No Unknown	Yes	□ No	□ Unknown
9/10	Premium	♥ Yes ■ No ■ Unknown	₩ Yes	T No	Г Unknown
9/10	Regular	▼Yes 「No 「Unknown	Yes	□ No	□ Unknown

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1815 Gallagher Read | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX 278-7621

•			-	2
CROMPCO CORPORAT	TION WORK VERIFICATION	ŗ	DATE 4//2	105
STATION NUMBER ()	1745543	WORK ORDER	NUMBER 122	000
	4-Smark St	(202410)		
	ellind of			
www.tachechec	resum the beginning the indicate of the second			
- Spiriting wednesdring	enders and domes to pro-	Companies of \$6		
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ARRIVAL TIME	DEPARTU		TOTAL HO	URS ON SITE
5.45		List Charles the street	source a color so	TO THE TOWN THE TRANSPORT OF THE TRANSPORT
WORK PERFORMED	. DATER REC	1	martens.	Likesy
	605	(a	South Carlos was restricted by the common system construction of the	and of which
	en e	g # 0 0 k	go goog hap he's have been	CANAGO CA
	and the second of the second o	W 1 1	5 5 NOVER 1/20 150 150 170	A note of the state was a source of the state of the stat
TOTAL ADDITIONAL LA	BOR HOURS			
			BRES L	chiPs
A+6	CALLS -	Emplos	PACK I-tu	elord Chami
	AND PRODUCT IF NOZZLE	S REPLACED		
a company and a second	Service Seal wife Course. S.	THE REPORT OF THE PARTY OF THE	er neutron program (BMCN) es al IBACT (et a non 1992 non neutron programme)	8 5 6 5
De Maria Approximation de la compania del compania del compania de la compania del la compania de la compania del la compania de la compania			approximate text declared translative in evolution arises. The $\langle \phi_{ij} \rangle = 0$	(44)
TOTAL GALLONS DISPI	ENSED PEH PRODUCT PE	R DISPENSER		
•	المعالم المعالم المعالم المستعمل المستع	Ÿ	er property when he is	(60)
V. 89	-10-100 3 m - + + + + + + + + + + + + + + + + + +	ž t		uju, tees
TOTAL DOLLARS DISPE	ENSED PER PRODUCT PE	A DISPENSEN		
(8 to 541 t) (8 keV)	(#800) (90)	Control and Committee of the Committee o	has any seen damage to an an	to the state of News
	* * * * * * * * * * * * * * * * * * *		a compared the manager are come to the	anne offic to a
DISPENSEA NUMBERA	GRADE OF FUELING POIN	I LOCKED OUT/T	AGGED OUT	
7 4 4 5 W 7		Sail St State March	Santa Antonio (1)	ing in production of the safe.
V-3 8 8 X 36 V	* 27	. 1		
	SIGNATURE JAME	nochhas	,	
DEALER OR MARAGER	SIGNATURE A TREATE	W. JAW	Elizabeth of sold	
7	ANGERCROUND I	ANE & SE	1151185	
<i></i>	and the same of th		20 Jan 20 2 20 20 25 25 25 25 25 25 25 25 25 25 25 25 25	
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Section C is to be completed by the Corresponde Containly only

Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Stage II Vapor Recovery Program

Circlamer Code #

Stage II Form C

Annual In-Use Compliance Certification

G.	Compliance	lesting	Company	Certification

		Cron	PCO CO	IP	
	Complete Testing Comp				
	DEP Stage II Compti	ence Testing Cor	mpany ID #: -	TC-00	75
	Installed Stage II Sys	tem Executive O	rder#: -	6-70-3	2AM
	tests, (bat all required	above ground 8	itage il system co	prior to performing re importants are installed applicable Executive O	d and are the correct
	To Yes	□ No			
	How many gasoline a	torage tanks ere	associated with 6	his Stage II System?	
	One (if one, skip i	o Question 6.)		more (il two or more,) og quastion)	plaase ensworthe
	the requirement to co	nfirm, pnor to pe millolded in acco	clorming required	compliance tests, the	you in compilance with the gasoline storage cobbe Executive Order?
	C) Yes	□ No			
	Are you in compliants referenced that proces		iments to perform	each compliance test	In accordance with the
	(C) Yes	OND.		**	
	For each required col	eplance lest, pr	ovide that		
	¥	277.70	de test fest	results of the	date test performed
	o. Pressure Decay to	2000	4-72-05	- C) pass [7]-fait	7-12-05
	b. Vepor Tie test	-	4-12-05	- (3) passo (1) test	West of the second seco
	c. PIV Rollal Vent tes	1	4-12-05	- Bank Dun	TO THE PARTY OF TH
	d, Dynamic Back Pre- Liquid Blockspe Inst	sstre/	4.13-03	· Doss Dini	
	o, Air/Liquid Volumo I	Patio test		pass [] tell	
	t. Hooly Filineck Pres	sure lead	· · · · · · · · · · · · · · · · · · ·	- pass [fa3	4 H 192 / / / / / / / / / / / / / / / / / / /
	g. Healy Vapor Return	n Line lost		Coss [for	
1 2001)	Section C. and all attactividuols immediately recurred and complete. I duding possible fines a this Standy II Complete.	nments and port sponsible for ob- am evere that it no imprisonment to Teating Comp	ain to Soction C., taining the Information are are significant cond (b) aim folionny	and that based on my abon, I believe that the Il pensiyes for syomily	Antornation is true, and also information the stressmooth technic
	popraziu Cacis		Official		

N3142242

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SITE DIAGRAM (NO COMMENTS)

Date:	4-12-09	-		
Work Order #:	1220	20		
Station #:	037755			
		seesseen en	227722021210322202	7. 7. 2
Please include on the	ne diagram the location of the followells, drop tank (If applicable), ex	<u>MAM</u> Wing: tanks, dispens		25%
	2.01	10 3.	maple	cab
D .	50,000		D	
۵				
			P.	



TEST RESULTS

May 3rd, 2004

Chief Frank O'Brien Westfield Fire Dept. 34 Broad Street Westfield, MA 01085

Test Results

Dear Chief Frank O'Brien:

Enclosed are copies of the test results performed by Crompco Corporation at the station listed below. These results are being submitted to you in accordance with the Commonwealth of Massachusetts Fire Prevention Regulations. Copies of the test results were also sent to the service station to be retained at the station in case an inspection would occur by a state or local agency.

Facility #	Address	Test Date	Crompco Work Order	Test(s) Performed
03745593	88-90 Maple St Westfield, MA 01085	April 13th, 2004	103147	Leak Detector Petro-tite Line Daily Station Log

If you should have any questions regarding the tests enclosed, please contact Crompco Corporation at 1-800-646-3161.

Sincerely,



Jennifer Slentz Compliance Administrator

CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING



Equip #

Crompco Corporation 1815 Gallagher Road Plymouth Meeting, PA 19462

Phone: (610) 278-7203 Fax: (610) 278-7621

Work Order #103147

Date:April 13th, 2004 Reason:Compliance Client Information

Sunoco, Inc. (R&M)(Sandra Carl -

P&C)

Invoice #69644 Permit# P.O.# Station #03745593

Sunoco Service Station

88-90 Maple St Westfield, MA 01085

County: Hampden State ID: 0-007892

Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations. Owner/Operator is responsible to submit test certificate/results and any applicable state forms to state and/or local agencies where applicable.

Vapor	Recovery - Stage	II
or communications and	of the first of the environment of the contract of the second of the sec	115 5541

						 100-11-00-11-15	r mary many many many many many many many man	conferenced at 145-1
Tes	t						Res	ult
Pre	ssure D	ecay					Pass	
Vap	or Space	e Tie-	In				Pass	
20.00	NA 1.11 P	20 10	146	1.0	16	36	Section Commence	550
						19	lines	

To see the first time.	PERSONAL PROPERTY OF THE PROPERTY OF	If falsky months discount in the second second in the	• The American Superior
Equip #	Grade	Test	Result
1	Regular	Petro-tite Line	Pass
2	Ultra	Petro-tite Line	Pass
		eak Detectors	4 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)

Westerner metalwheretismen or success	SING COMPANIED OF PARTHER MEDICAL PROPERTY OF A CONTROL O	. A CONTRACTOR SECTION AND ADDRESS OF
Grade	Test	Result
Regular	Leak Detector	Pass

1RegularLeak DetectorPass2UltraLeak DetectorPass

Additional Costs

PARTS: Epoxy Kit, Monitor Cap, Balance Nozzle Retest (Sunoco)

PARTS: HANGING HARDWARE: Balance Nozzle

Dale Williamson

Petro-Tite Line Testing #PAC0137121305R

Sunoco Service Station

88-90 Maple St Westfield, MA Customer Copy Site #03745593 / WO

Phone: (610) 278-7203 01085 **FAX:** 610-278-7621

#103147 April 13th, 2004

Pressure Decay Test

				riessuie	Decay ic	31					
Result:	▼ Pass	□ Fail	□ Inc	onclusive				and the state of the state of	done en seran sena sena sena se		197.00
(A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B				Syst	tem Info						
Vapor Re	ssist	pe:	2470-100-100-100-100-100-100-100-100-100-1	urer: N/A cutive Order of Nozzles: 24		7 70	∏ No		a 10 .	3 4 9	
						-	essure	(111120)	20)	-1
Grade	Capacity (gal)	Volume Present (gal)	Ullage (gal)	Init. Pressure (in H20)	1.0 min	2.0 min	3.0 min	4.0 min	5.0 min	Allowabl	e ,
Regular	10000	7524	2476		<u> </u>				ž.		
Regular	8000	6136	1864	20		1.				29	2
Ultra	12000	4236	7764								
	30000	17896	12104	10.000	9.95	9.90	9.85	9.80	9.75	9.642	

Sunoco Service Station

88-90 Maple St Westfield, MA

Phone: (610) 278-7203 01085

FAX: 610-278-7621

Customer Copy Site #03745593 / WO #103147 April 13th, 2004

Vapor Space Tie In Test

Tank System comply with TP-201.3c

Result:

P

Sunoco Service Station

88-90 Maple St Westfield, MA

Customer Copy Site #03745593 / WO

Phone: (610) 278-7203 01085

#103147 April 13th, 2004

Test Pressure: 50.00 psi

FAX: 610-278-7621

Petro Tite Line Test

	1	••	hore	Mun	Line
Line Number:	7		DEI.	INUIT	LILIC

Grade: Regular

Net Volume Change: 0.00000 gph

Material: Fiberglass

Bleedback

Length: 180 ft.

Allowable (gal): 0.09200

Diameter: 2.0 in.

Measured (gal): 0.04500

Wall: Single

Pump Manufac: Red Jacket

Type of System: ☐ American Suction ☐ Pressure

Pass Result: | Fail

☐ Inconclusive

Time	Procedure	Press (ps	20 DO THE STATE OF	Vo	olume (g	jal)	Comments
		Before	After	Before	After	Change	
920	Connected line tester to: Submersible Pump	0.0	0.0	0.0000	0.0000	0.0000	#
930	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	50.0	0.0000	0.0000	0.0000	
1030	Started Line Test	0.0	50.0	0.0000	0.0000	0.0000	
1045	Line Test Continued	50.0	50.0	0.0370	0.0370	0.0000	* *
1100	Line Test Continued	50.0	50.0	0.0370	0.0370	0.0000	
	Bleed Back	50.0	0.0	0.0370	0.0820	0.0450	1

Petro Tite Line Test

Line Number: 2

Grade: Ultra

Test Pressure: 50.00 psi

Net Volume Change: 0.00000 gph

Material: Fiberglass

Bleedback

Length: 180 ft.

Allowable (gal): 0.09200

Diameter: 2.0 in.

Measured (gal): 0.04800

Wall: Single

Pump Manufac: Red Jacket

Type of System: American Suction Pressure

Result: T Fail

Pass

☐ Inconclusive

Time	Procedure	Press (ps		Vo	olume (g	ial)	Comments
		Before	After	Before	After	Change	
920	Connected line tester to: Submersible Pump	0.0	0.0	0.0000	0.0000	0.0000	
930	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	50.0	0.0000	0.0000	0.0000	18
1030	Started Line Test	0.0	50.0	0.0000	0.0000	0.0000	. 2
1045	Line Test Continued	50.0	50.0	0.0510	0.0510	0.0000	×
1100	Line Test Continued	50.0	50.0	0.0510	0.0510	0.0000	
	Bleed Back	50.0	0.0	0.0510	0.0990	0.0480	

Sunoco Service Station

Phone: (610) 278-7203 01085 FAX: 610-278-7621

88-90 Maple St Westfield, MA

Site #03745593 / WO #103147

April 13th, 2004

Customer Copy

Petro Tite Leak Detector Test

Petro Tite Leak Detector Test

Leak Detector Number: 1 Leak Detector Number: 2

Grade: Regular

Make: Red Jacket

Model: CPT Serial # n/a

Mechanical
 ✓ Electronic

Grade: Ultra

Make: Red Jacket

Model: CPT

Serial # n/a

Mechanical M Electronic

Result:

Pass

∏ Fail

Inconclusive

Result:

Pass

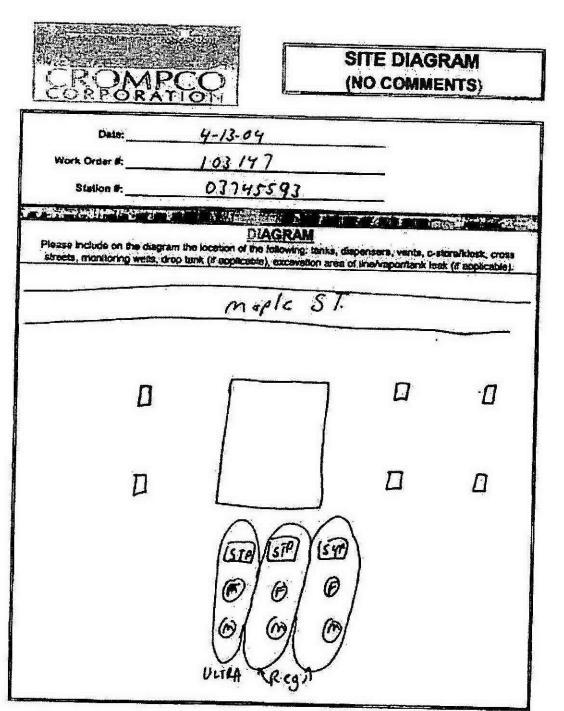
[Fail

☐ Inconclusive



1201 Devals Pile it Blue Hell, PA 19412 1 (010) 178-7203 1 FAX 278-7621

STATION NUMBER 6379593 WORK ORDER NUMBER 103/97 ADDRESS SUNDED SE-90 Maple ST West Field, MA ARRIVAL TIME DEPARTURE TIME TOTAL HOURS ON SITE 900 1220 WORK PERFORMED Tested Los, PA TOTAL ADDITIONAL LABOR HOURS PARTS REPLACED 1-0fw Long Spect we 221/5, 1-Monifor Cap. DISPENSER NUMBER AND PRODUCT IE NOZZLES REPLACED 8 B I and TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT DEALER OR MANAGER SIGNATURE X AND ALLOW COMPILIANCE.	спомрео совроватиом WORK	VERIFICATION	DATE	4-13-04
ADDRESS SONDED SR-90 Maple ST West Field MA ARRIVAL TIME DEPARTURE TIME TOTAL HOURS ON SITE 900 1220 WORK PERFORMED Tested Cling Los Po TOTAL ADDITIONAL LABOR HOURS PARTS REPLACED 1- OFW Long Sport Mazzis, 1- Man for Cap DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT	STATION NUMBER 637455	93 WORK OR	DER NUMBER	103147
WORK PERFORMED Tested Ling LOS PO TOTAL ADDITIONAL LABOR HOURS PARTS REPLACED 1- OFW Long Spect we 22 to 1- Mon, for Cape DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED 8 B to Mark of the product per dispenser TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT	ADDRESS JUNIOCO			
TOTAL ADDITIONAL LABOR HOURS PARTS REPLACED I- OFW Long Sport wazzis, I-Mon for Cap DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED 8 G Is not TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT				TOTAL HOURS ON SITE
PARTS REPLACED - OFW Long Sport was 1/4, 1-Mon, for Cap DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED 8 G / Cap TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT DEALER OR MANAGER SIGNATURE X Augusta	WORK PERFORMED Testic	d Lines Los	Pe	The content of the second seco
TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT DEALER OR MANAGER SIGNATURE	TOTAL ADDITIONAL LABOR HOURS		THE RESERVE THE PARTY OF THE PA	and the state of t
TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT TEALER OR MANAGER SIGNATURE X Quality.	8 Blend	T IF NOZZLES REPLACED		ion, for Cap
DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT DEALER OR MANAGER SIGNATURE X Qually	TOTAL GALLONS DISPENSED PER I	PRODUCT PER DISPENSER	and the same to make the same of a society	73 America mentala e y geologica e participa de la companya de la companya de la companya de la companya de la
TEALER OR MANAGER SIGNATURE X Quall	TOTAL DOLLARS DISPENSED PER P	PRODUCT PER DISPENSER	30 / W	
DEALER OR MANAGER SIGNATURE & Stand	DISPENSER NUMBER/GRADE OF FU	ELING POINT LOCKED OUT	/TAGGED OU	en de de la company de la comp
examination Dixer a line river (Compliance	TEALER OR MANAGER SIGNATURE	x Qual &	1	
	PACIFICA.	DES DEX 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a Pikera	Compliance





testing

Company only

Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Stage II Vapor Recovery Program

Customer Code #

Annual In-Use Compliance Certification Section Cis be completed by

Stage II Form C

g. Healy Vapor Return Line test

of this Stope II Compliance I getting Company. - Kluilliam sa

Printed Name Of Compliance Teating Co.

Responsible Official

C. Compliance Testing Company Certification 1. Name of Compliance Testing Company (please print): Crompco Compliance Testing Company 2. DEP Stage II Compliance Testing Company ID 8: 3. Installed Stage II System Executive Order #: Are you in compilance with the requirements to confirm, prior to performing required compilance tests, that all required above ground Stage II system components are installed and are the correct components in accordance with the system's currently applicable Executive Order? WY es 5. How many pasoline storage tanks are associated with this Stage II System? One (if one, skip to Question 6.) Two or more (if two or more, please enswor the following guestion) For Stage It Systems associated with two or more gasoline storage banks, are you in compliance with the requirement to confirm, prior to performing required compliance tests, that the passine storage tanks are properly manifolded in accordance with the system's currently applicable Executive Order? ☐ No 5. Are you in compliance with the requirements to perform each compliance test in accordance with the referenced test procedure? - Hos ☐ No 7. For each required compliance test, provide the: date test first results of the date test performed performed first test 022300 a. Pressure Occay lost pess Plas b. Vepor Tie less To boss | tas c. P/V Railed Veril test paras [tall d. Dynamic Back Pressure/ posts | lail Liquid Blockson test e. Air/Liquid Volume Ratio test Opens Das f. Healy Filmack Pressure test person tal

I certify that, (a) I have personally examined the foregoing and am familiar with the information contained in Section C. and all utlachments and pertain to Section C., and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, occurate and complete. I am aware that there are significant penetities for autimiting took intogration including possible times and imprisonment; and (b) I ap firstly supportuning make the propagators on better

pass [lai



Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Stage II Vapor Recovery Program

Customer Code #

Stage II Form C

Annual In-Use Compliance Certification

Section O'is to be completed by the Stope II System Responsible Officials poly.

D. Stage II Facility Compliance Certification

500	Are you in com	Maintenance and Record Keeping Disnice with the requirements to correctly operate and oddance with the farms and conditions of the system's or						
	Executive Orde							
	Yes	☐ No (If no, see D.2 below)						
	Stage II System	Responsible Official attesting to compliance status:		□ #2				
b.	Are you in come	pliance with the requirements to visually inspect the Str ne if any components are incorrectly installed, nontino	ige II system tioning or bro	every seven ken7				
	☐ Yes	☐ No (If no, see D.2 below)						
	Stage II System	Responsible Official attesting to compliance status:	**	□ #2				
C.		pliance with the requirements to immediately remove in actioning or broken components	om sarvica in	сопъслу				
	Tes	☐ No (II no, see D.2 below)						
	Stage II System	Responsible Official attesting to compliance status:	3	☐ #2·				
d.		pliance with the requirements to conspicuously post "On field, nonfunctioning or broken components immediate)						
	☐ Yes	☐ No (If no, see D.2 below)						
	Stage if System	Responsible Official attesting to compliance status:	Om	[N2				
О.	nonfunctioning of	ofished with the requirements to re-install, repair or replied for broken components within 14 days of determination of service in secondance with the interim DEP Policy of 15 System With Defective Components?	or to lake auc	h-				
	☐ Yes	No (If no, see D.2 below)						
	Stage II System	Responsible Official attesting to compliance status:	DM	□ #Z				
P,	Are you in comp and Stage II sys	Are you in compliance with the requirements to correctly maintain on-site, all inspector training and Stage II system maintenance records?						
	☐ Yes	☐ No (if no, see D.2 below)						
	Stage II System	Responsible Official attesting to compliance status:	Din .	□ #2				
	Are you in come	diance with the requirements to perform all required in-	use compliani	co tests?				
A-	☐ Yes	☐ No (If no, see D.2 below).						
A-	The state of the s							

Page 3 of 4



Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Stage II Vepor Recovery Program Stage II Form C

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Chapterion	A	
STATE STATE OF	LUCES	

D. S	Sta	ge II Faci	lity Complianc	e Certification (cont.)		
ħ	M	Vers each requ	ulred in use compliand	a last passed on the first by?	n.,	
	L	II no, are v	where several learness in UO	the requirements to correctly repellance test(s) within 14 days of the	Yes in the Stage date the m	No. II system an estem first feet
		☐ Yes	☐ No (If no.	see h. II. bolow)		
		Stage II Sy	stem Responsible Off	cial attesting to compilarize status	O	
	ä.	from the da gapoline da	ou in compliance with	the requirements to stop dispension of and to conspicuously post 'Out	ordorae	after 14 days gns on all ad the
		☐ Yes	the second secon	son D.2 below)		
		Stage II Syr	nem Responsible Offic	dal attending to compliance white		
f,		8 YOU IN COME	pliance with the require is within the 30 days o	ments to perform and pass all rec for to the date postmerked on the		□ #2 und in-use used to submit
		Yes	□ No (if no.	see D.2 below)	×	e. o.
	SM	ge II System		thesting to compliance status	[] 21	
Co	итрії	ance Status (and Actions to Ensure	Future Compliance	LIM	
-	the	action(s) tak action(s) tak	BILL ID GLISTAR INDITE CO.	moe and date completed; and mplance and date completed.		
ease ——	prin	L If more spe	co is needed, please u	use the back of this page or addisc	onal pages	ās necessary,
behar orma rulles stems on if t	tion, and p a to the p	and that, bat I believe that enoties for su maintain com rocesses or o	sed on my inquiry of the the information is the atomiting false informations are in places.	to Stage II System Responsible Colliar with the information contained case individuals immediately responsible, i. em and stage including possible fines and if the facility and will be maintained to changed over the course of the facility.	in this doc inside for d are that the imprisonme	umant and all obtaining the re are nt; (b)
and na	one of	Singe II System	Responsible Orders #1	Signatura, Stage B System Rasponetos	Official Pt	Date
est ne	ne d	Stage II System	Responsible Official #2	Signature, Stage II Bystem Responsible	Officer at	Des -
riemer i Inspe	nt Try	steme to makebi and required te	n compliance" means proce stalls are conducted, that brok	clume that the Stage II facility owner encire BIT OF Confective Components are recurred, I	company has	established to

eliteration - Faterian 2004

Page 4 of 4

APPENDIX B

Soil Analytical Data



04/30/05

Technical Report for

Corporate Environmental Advisors

Sunoco, 88 South Maple St., Westfield MA

5795-05-001

Accutest Job Number: M46536

Sampling Date: 04/14/05

Report to:

Corporate Environmental Advisors, Inc. 127 Hartwell Street West Boylston, MA 01583 dazukauskas@cea-inc.com

ATTN: Debbie Zukauskas

Total number of pages in report: 13



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Fand Lab Director

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579) NY (23346) NJ (MA926) NAVY USACE

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2.2: M46536-2: SAMPLE 2	5
2.3: M46536-3: SAMPLE 3	6
2.4: M46536-4: SAMPLE 4	7
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2.2. VIII Form	10



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Client Sample ID: SAMPLE 1 Lab Sample ID: M46536-1

File ID

Matrix: Method: SO - Soil

MADEP VPH REV 1.1

DF

1

Date Sampled: 04/14/05

n/a

Date Received: 04/15/05

Percent Solids: n/a a

Project:

Sunoco, 88 South Maple St., Westfield MA

Analyzed

04/25/05

Prep Date Prep Batch Analytical Batch

n/a

GQR1622

Run #1 b Run #2

> **Initial Weight** 33.8 g

QR31733.D

Final Volume 16.0 ml

Methanol Aliquot

By

AP

100 ul

Run #1 Run #2

MA-VPH List

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	ND	120	ug/kg
100-41-4	Ethylbenzene	124	120	ug/kg
1634-04-4	Methyl Tert Butyl Ether	3790	47	ug/kg
91-20-3	Naphthalene	ND	120	ug/kg
108-88-3	Toluene	639	120	ug/kg
	m,p-Xylene	336	120	ug/kg
95-47-6	o-Xylene	148	120	ug/kg
	C5- C8 Aliphatics (Unadj.)	9410	2400	ug/kg
	C9- C12 Aliphatics (Unadj.)	3520	2400	ug/kg
	C9- C10 Aromatics (Unadj.)	ND	2400	ug/kg
	C5- C8 Aliphatics	4900	2400	ug/kg
	C9- C12 Aliphatics	ND	2400	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	100%		70-130%
615-59-8	2,5-Dibromotoluene	99%		70-130%

(a) Percent solids not analyzed due to sample matrix. Results reported on wet weight basis.

(b) Soil to methanol ratio greater than 1.25 to 1.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Accutest Laboratories

Sample Summary

Corporate Environmental Advisors

Job No:

M46536

Sunoco, 88 South Maple St., Westfield MA Project No: 5795-05-001

Sample	Collected			Matr	ix	Client
Number	Date	Time By	Received	Code	Туре	Sample ID
M46536-1	04/14/05	17:00 PB	04/15/05	so	Soil	SAMPLE 1
M46536-2	04/14/05	17:05 PB	04/15/05	SO	Soil	SAMPLE 2
M46536-3	04/14/05	17:15 PB	04/15/05	so	Soil	SAMPLE 3
M46536-4	04/14/05	17:30 PB	04/15/05	SO	Soil	SAMPLE 4

Page 1 of 1

Client Sample ID: SAMPLE 2

Lab Sample ID:

M46536-2 SO - Soil

Date Sampled: Date Received: 04/15/05

04/14/05

Matrix: Method:

MADEP VPH REV 1.1

Percent Solids: n/a a

Project:

i, ,

Sunoco, 88 South Maple St., Westfield MA

Analytical Batch Prep Batch DF Analyzed Prep Date File ID By GOR1622 Run #1 b QR31734.D 1 04/25/05 AP n/a n/a

Run #2

Final Volume Initial Weight Methanol Aliquot 16.0 ml 100 ul Run #1 35.1 g

Run #2

MA-VPH List

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	ND	110	ug/kg
100-41-4	Ethylbenzene	300	110	ug/kg
1634-04-4	Methyl Tert Butyl Ether	2890	46	ug/kg
91-20-3	Naphthalene	ND	110	ug/kg
108-88-3	Toluene	902	110	ug/kg
	m,p-Xylene	1080	110	ug/kg
95-47-6	o-Xylene	549	110	ug/kg
19.99 10.5 201	C5- C8 Aliphatics (Unadj.)	13600	2300	ug/kg
	C9- C12 Aliphatics (Unadj.)	14600	2300	ug/kg
	C9- C10 Aromatics (Unadj.)	8410	2300	ug/kg
	C5- C8 Aliphatics	9690	2300	ug/kg
	C9- C12 Aliphatics	4280	2300	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	98%		70-130%
615-59-8	2,5-Dibromotoluene	98%		70-130%

- (a) Percent solids not analyzed due to sample matrix. Results reported on wet weight basis.
- (b) Soil to methanol ratio greater than 1.25 to 1.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Page 1 of 1

Client Sample ID: SAMPLE 3

Lab Sample ID: Matrix:

M46536-3 SO - Soil

Date Sampled: 04/14/05 Date Received: 04/15/05 Percent Solids: n/a a **MADEP VPH REV 1.1**

Method: Project:

i. .

Sunoco, 88 South Maple St., Westfield MA

L			SP VX RV COUNTY ON			- 181 ALCONO DE	THE RESERVE TO SECURIOR STATE OF THE PARTY O
	File ID	DF	Analyzed	Ву	Prep Date	Prep Batch	Analytical Batch
Run #1 b	QR31735.D	1	04/25/05	AP	n/a	n/a	GQR1622
Run #2 b	QR31775.D	1	04/27/05	AP	n/a	n/a	GQR1624

	Initial Weight	Final Volume	Methanol Aliquot	
Run #1	38.9 g	16.0 ml	10.0 ul	
Run #2	38.9 g	16.0 ml	2.0 ul	

MA-VPH List

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	28600	1000	ug/kg
100-41-4	Ethylbenzene	124000	1000	ug/kg
1634-04-4	Methyl Tert Butyl Ether	205000	410	ug/kg
91-20-3	Naphthalene	19900	1000	ug/kg
108-88-3	Toluene	545000 °	5100	ug/kg
	m,p-Xylene	295000	1000	ug/kg
95-47-6	o-Xylene	136000	1000	ug/kg
	C5- C8 Aliphatics (Unadj.)	4190000 c	100000	ug/kg
•	C9- C12 Aliphatics (Unadj.)	2900000	21000	ug/kg
	C9- C10 Aromatics (Unadj.)	1040000	21000	ug/kg
	C5- C8 Aliphatics	3410000	21000	ug/kg
	C9- C12 Aliphatics	1300000	21000	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	118%	250% d	70-130%
615-59-8	2,5-Dibromotoluene	113%	344% d	70-130%

- (a) Percent solids not analyzed due to sample matrix. Results reported on wet weight basis.
- (b) Soil to methanol ratio greater than 1.25 to 1.
- (c) Result is from Run# 2
- (d) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Page 1 of 1

Client Sample ID: SAMPLE 4 Lab Sample ID:

M46536-4

Date Sampled: 04/14/05

Matrix:

SO - Soil

Date Received: 04/15/05

Method:

MADEP VPH REV 1.1

1

Percent Solids: n/a a

Project:

Sunoco, 88 South Maple St., Westfield MA

Prep Batch

Analytical Batch

Run #1 b

File ID DF QR31736.D

Analyzed 04/25/05

By AP

Prep Date n/a

n/a

GQR1622

Run #2

Initial Weight

37.8 g

Final Volume

16.0 ml

Methanol Aliquot

100 ul

Run #1 Run #2

MA-VPH List

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	ND	110	ug/kg
100-41-4	Ethylbenzene	ND	110	ug/kg
1634-04-4	Methyl Tert Butyl Ether	622	42	ug/kg
91-20-3	Naphthalene	ND	110	ug/kg
108-88-3	Toluene	381	110	ug/kg
2-300 May (8)	m,p-Xylene	273	110	ug/kg
95-47-6	o-Xylene	117	110	ug/kg
	C5- C8 Aliphatics (Unadj.)	5620	2100	ug/kg
	C9- C12 Aliphatics (Unadj.)	4610	2100	ug/kg
	C9- C10 Aromatics (Unadj.)	ND	2100	ug/kg
	C5- C8 Aliphatics	4580	2100	ug/kg
	C9- C12 Aliphatics	2370	2100	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	104%		70-130%
615-59-8	2,5-Dibromotoluene	94%		70-130%

(a) Percent solids not analyzed due to sample matrix. Results reported on wet weight basis.

(b) Soil to methanol ratio greater than 1.25 to 1.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

Chain of Custody
VPH Form



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14 3E /F 1	CLIENT INFORMATION	** == ===	FA	CILITY INF	ORMA	TION	Last,		200	45.0	40.44	ANALYTIC	CAL II	FORMATIO	N -CEANL	MATRIX CODES
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SEND REPORT V	oulston Tha	OBO3 PROJE	FC. ON T	95-0	5-(100		- T - K	-	¥						OF- OIL LIG- OTHER LIGUID
	258-602 of Palmil Hone		SOB-		-		PRES	ERVA	TION	K	1					SOL - OTHER
SAMPLE #	FIELD ID / POINT OF COLLI	CTION DATE	TIME	SAMPLED BY:	MATRIX	OF S	Đ	HE \$04	WOMB TOTAL							LAB USE ONLY
-1	Sample 1	OHINI	55m	PB	9	1	П	Ť	X	X						
-2	Sample 2	04/4/15	55.05	PB	3	1	П		X	Ý	1		T			
-3	Sample 3	04/4/0	5 5:15	PB	5	1	Π	\Box	Ý	ÝΙ						
-4	Sample 4	04/14/0	5530	PB	S	T	\sqcap		V	Ý						
	Trip Blank EP	O-1/4/0°	5				H		X	X						
									\dagger		1					
14 DAYS S 7 DAYS F 0 48 HOUR I 0 OTHER		SY: S STAN	DATA DEL IDARD MERCIAL "B DELIVERAE E FORMS ER (SPECIFY	LE	INFO	RMATH	ON]				S Property Lab	,1B4	СОМ	MENTS/REI	MARKS	
ONUS BELLINGUISHED BY	SAMPLE CUSTO	NECENTED BY:	TED BELOW	RELING 2	E SAMI NUSHED	ach	10	20	DAX 4	SION,	g:			DELIVERY Levy	Han	
B. A.	TOATE TIME:	RECEIVED BY:	/w	4.				ż	1.			4.		-	OH SCIE	TEMPERATURE /* 7 C

M46536: Chain of Custody

Page 1 of 1

Matrix	Aqueous 🗍	Soil 🗸	Sediment [Other]	
Containers	Satisfactory ✓ I	Broken 🗍	Leaking [
Aqueous Preservatives	N/A 🗸	oH <= 2 □	pH > 2	1		
Temperature	Received at 4 Deg. C Other Rec'd at 1					
Methanol	Methanol Covering					
Method for Ranges:	MADEP VPH REV 1.1	Client ID: SAI		Lab ID: Date Received:	M46536-1	
Method for Target Analytes:	MADEP VPH REV 1.1		4/2003	Date Received:	4/13/2003	
VPH Surrogate Standards		Date Extracted:	First Date		Last Date Run:	
PID: 2,5-Dibromotoluene		N/A % Solids:	4/25/2	7.77	N/A	
FiD: 2,5-Dibromotoluene		76 Sonas.	Low Dili	ution:	High Dilution:	
(A4440A A4440A = =		100	1		N/A	
Unadjusted Ranges	CAS#	Elution Range	<u>Units</u>	Result	RDL Q	
C5- C8 Aliphatics (Unadj.)		N/A	ug/kg	9410 ^	2400	
C9- C10 Aromatics (Unadj.)	Č	N/A	ug/kg	ND*	2400	
C9- C12 Aliphatics (Unadj.)		N/A	ug/kg	3520 *	2400	
Target Analytes						
Ethylbenzene	100-41-	4 C9-C12	ug/kg	124	120	
Toluene	108-88-	3 C5-C8	ug/kg	639	120	
Methyl Tert Butyl Ether	1634-04	4 C5-C8	ug/kg	3790	47	
Benzene	71-43-2	C5-C8	ug/kg	ND	120	
Naphthalene	91-20-3	B N/A	ug/kg	ND	120	
o-Xylene	95-47-6	C9-C12	ug/kg	148	120	
m,p-Xylene		C9-C12	ug/kg	336	120	
Adjusted Ranges					25	
C5- C8 Aliphatics		N/A	ug/kg	4900 ⁸	2400	
C9- C12 Aliphatics		N/A	ug/kg	ND°	2400	
Surrogate Recoveries				Ac	ceptance Range	
FID:2,5-Dibromotoluene			%	100	70-130 %	
PID:2,5-Dibromotoluene	1822 W W	191016-1-2-1-2-1	%	99	70-130 %	
Footnotes						
A Hydrocarbon Range data exclude of Hydrocarbon Range data exclude of the concentration of Target Analyte	concentrations of any surrogate(s)			5-C8 Aliphatic Hydrocarbo	ons exclude	
Hydrocarbon Range data exclude of conc of Target Analytes eluting in to				-C12 aliphatic Hydrocarb	ons exclude	
Z A'J' qualifier indicates an estimate	d value					
*						

Were all QA/QC procedures REQUIRED by the VPH Method followed?	✓ Yes □	No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved?		No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3?	✓ No □	Yes- Details Attatche

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Signature

no fad

Reza Tand

Postition

Laboratory Director

Date

4/29/2005



Matrix	Aqueous 🗌	Soil 🗸	Sediment	☐ Other [
Containers		Broken 🗌	Leaking			
Aqueous Preservatives		oH <= 2 □	pH > 2			
Temperature	Received on Ice		ed at 4 Deg. C		Rec'd at 1.7 d	leg C
Methanol	Methanol Covering					
Method for Ranges: Method for Target Analytes:	MADEP VPH REV 1.1 MADEP VPH REV 1.1	Client ID: S Date Collected: 4		Date Received	M46536-2 4/15/2005	
/PH Surrogate Standards PID: 2,5-Dibromotoluene		Date Extracted: N/A		ate Run: /2005	Last Date R	un:
FID: 2,5-Dibromotoluene		% Solids:		ilution:	High Dilutio	on:
		100		1	N/A	
Jnadjusted Ranges	CAS#	Elution Range	<u>Units</u>	Result	RDL	Q
C5- C8 Aliphatics (Unadj.)		N/A	ug/kg	13600 ^	2300	
C9- C10 Aromatics (Unadj.)		N/A	ug/kg	8410 *	2300	
C9- C12 Aliphatics (Unadj.)		N/A	ug/kg	14600 ^	2300	
Farget Analytes						
Ethylbenzene	100-41-	4 C9-C12	ug/kg	300	110	
Toluene	108-88-3	3 C5-C8	ug/kg	902	110	
Methyl Tert Butyl Ether	1634-04-	-4 C5-C8	ug/kg	2890	46	
Benzene	71-43-2	C5-C8	ug/kg	ND	110	
Naphthalene	91-20-3		ug/kg	ND	110	
o-Xylene	95-47-6		ug/kg	549	110	
m,p-Xylene		C9-C12	ug/kg	1080	110	
Adjusted Ranges						
C5- C8 Aliphatics		N/A	ug/kg	9690 "	2300	
C9- C12 Aliphatics		N/A	ug/kg	4280°	2300	
Surrogate Recoveries				-	cceptance Range	
FID:2,5-Dibromotoluene			%	98	70-130 %	
PID:2,5-Dibromotaluene			%	98	70-130 %	
ootnotes Nydrocarbon Range data exclude o						
Hydrocarbon Range data exclude of the concentration of Target Analyte Hydrocarbon Range data exclude of	s eluting in that range.					
conc of Target Analytes eluting in the	hat range AND concentration of CS			ou o re ampliatio riyurocal	POINT TANIGUE	
A 'J' qualifier indicates an estimated	1 Yaiu0					

Were all QA/QC procedures REQUIRED by the VPH Method followed?	✓ Yes □	No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved?	✓ Yes □	No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3?	✓ No □	Yes- Details Attatched

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Signature

Postition

Laboratory Director

Date

4/29/2005



Matrix	Aqueous 🗆	Soil 🗸	Sediment	☐ Other □	<u> </u>	186
ontainers	Satisfactory E	Broken 🗍	<u>Leaking</u>			
queous Preservatives	N/A ✓ p	H <= 2 🗍	pH > 2			
emperature	Received on Ice	Received	at 4 Deg. C		Rec'd at 1.7	deg C
/lethanol	Methanol Covering	Soil, (mL Methan	ol/g soil: Ot	her) NOTE: Rati	o > 1.25 to 1.	
lethod for Ranges:	MADEP VPH REV 1.1	Client ID: SAM		Date Received:	M46536-3	
flethod for Target Analytes:	MADEP VPH REV 1.1	Date Collected: 4/14	12005	Date Received.	4/13/2003	
PH Surrogate Standards		Date Extracted:	T. W.T. P. W.T. P. S. W. W.	ate Run:	Last Date I	
PID: 2,5-Dibromotoluene		N/A		5/2005	04/27/0	
FID: 2,5-Dibromotoluene		% Solids:	Low	Dilution:	High Dilut	ion:
200.6		100		1	N/A	44.70
Jnadjusted Ranges	CAS#	Elution Range	<u>Units</u>	Result	RDL	Q
C5- C8 Aliphatics (Unadj.)		N/A	ug/kg	4190000 *	100000	
C9- C10 Aromatics (Unadj.)	Ŷ	N/A	ug/kg	1040000 ^	21000	
C9- C12 Aliphatics (Unadj.)		N/A	ug/kg	2900000 ^	21000	
arget Analytes						
Toluene	108-88-3	3 C5-C8	ug/kg	545000	5100	
Ethylbenzene	100-41-4	4 C9-C12	ug/kg	124000	1000	
Methyl Tert Butyl Ether	1634-04-	4 C5-C8	ug/kg	205000	410	
Benzene	71-43-2	C5-C8	ug/kg	28600	1000	
Naphthalene	91-20-3	N/A	ug/kg	19900	1000	
o-Xylene	95-47- 6	C9-C12	ug/kg	136000	1000	
m,p-Xylene		C9-C12	ug/kg	295000	1000	
Adjusted Ranges						
C5- C8 Aliphatics		N/A	ug/kg	3410000 B	21000	
C9- C12 Aliphatics		N/A	ug/kg	1300000°	21000	
surrogate Recoveries					Acceptance Rang	<u>e</u>
FID:2,5-Dibromotoluene			%	250 ^b	70-130 %	
PtD:2,5-Dibromotoluene			%	344 ^D	70-130 %	
FID:2,5-Dibromotoluene			%	. 118	70-130 %	
PID:2,5-Dibromotoluene			- %	113	70-130 %	400
Hydrocarbon Range data exclude the concentration of Target Analytic Marine data exclude	concentrations of any surrogate(s) concentrations of any surrogate(s) as aluting in that range. concentrations of any surrogate(s) that range AND concentration of C	and/or internal standards e and/or internal standards e	luting in that range. luting in that range.			
Outside control limits due to dilution A 'J' qualifier indicates an estimate		200			20	

Were all QA/QC procedures REQUIRED by the VPH Method followed?

Were all performance/acceptance standards for required QA/QC procedures achieved?

Were any significant modifications made to the VPH method, as specified in Sect. 11.3?

No- Details Attatched No- Details Attatched Yes- Details Attatched

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Signature

from tod

Postition

Laboratory Director

3.2

MADEP VPH FORM

Matrix		Aqueous		Soil 🗸	Sedin	nent 🗍	Other	П		
Containers		Satisfactor	ry 🗸 B	roken 🗌	Leak	ing 🔲	100 10 11 10		- 9	72
Aqueous P	reservatives	N/A	✓ p	H <= 2	pH >	2	-			
Temperatu		Received			ceived at 4 De		Other	V	Rec'd at 1.3	
Methanol :		Methanol	Covering S		<u>lethanol/q soi</u>	I: Other)				
Method for Ra	inges:	MADEP VPH			ID: SAMPLE 4			ID: M4		
Method for Ta	rget Analytes:	MADEP VPH	REV 1.1	Date Collecte	ed: 4/14/2005		Date Receiv	ea: 4/	15/2005	
VPH Surrogate	e Standards		2	Date Extra	cted: F	irst Date R	tun:		Last Date	Run:
	5-Dibromotoluene			N/A		4/25/200	17 9/4		N/A	
FID: 2,	5-Dibromotoluene			% Solid	s:	Low Dilution	on:		Hìgh Dilu	
				100		1			N/A	
Unadjusted Ra	anges.		CAS#	Elution R	ange <u>Units</u>		Result		RDL	Q
C5- C8 AI	liphatics (Unadj.)			N/A	ug/kg		5620 [^]		2100	
C9- C10 A	Aromatics (Unadj.)	ì		N/A	ug/kg		ND*		2100	
C9- C12 A	Aliphatics (Unadj.)			N/A	ug/kg		4610 ^		2100	
Target Analyte	<u>es</u>									
Ethylbenz	ene		100-41-4	C9-C1	2 ug/kg		ND		110	
Toluene			108-88-3	C5-C	8 ug/kg		381		110	
Methyl Te	ert Butyl Ether		1634-04-4	C5-C	8 ug/kg		622		42	
Benzene			71-43-2	C5-C	8 ug/kg		ND		110	
Naphthale	ene		91-20-3	N/A	ug/kg		ND		110	
o-Xylene			95-47-6	C9-C1			117		110	
m,p-Xylen	ie .			C9-C1	2 ug/kg		273		110	
Adjusted Rang	ges									
C5- C8 AI	liphatics			N/A	ug/kg		4580 °		2100	
C9- C12 A	Aliphatics			N/A	ug/kg		2370°		2100	
Surrogate Rec	coveries							Accep	otance Ranç	16
97 (1995 N. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	ibromotoluene				%		104		70-130 %	
	ibromotoluene	Ø¥.			%		94		70-130 %	
Footnotes										
B Hydrocarbon the concentra	n Range data exclude o ation of Target Analyte	concentrations of a s eluting in that ra	nny surrogate(s) a nge.	ind/or Internal sta	indards eluting in that indards eluting in that	range. C5-C8				
C Hydrocarbon conc of Targe	n Range data exclude o et Analytes eluting in t	concentrations of a hat range AND con	eny surrogate(s) a ecentration of C94	nd/or internal sta C10 Aromatic Hyd	indards eluting in that frocarbons.	range, C9-C1	2 aliphatic Hydro	carbons	exclud e	
Z A'J'qualifier	indicates an estimate	d value								

Were all QA/QC procedures REQUIRED by the VPH Method followed?	✓ Yes	No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved?		No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3?	✓No □	Yes- Details Attatched

l attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Signature

from tod

Postition

Laboratory Director

Printed Name

Reza Tand

Date

4/29/2005





05/13/05

Technical Report for

Corporate Environmental Advisors

Sunoco, 88 South Maple St., Westfield MA

5795-05-001

Accutest Job Number: M46919

Sampling Date: 04/27/05

Report to:

Corporate Environmental Advisors, Inc. 127 Hartwell Street West Boylston, MA 01583 dazukauskas@cea-inc.com

ATTN: Debbie Zukauskas

Total number of pages in report: 13



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Fand Lab Director

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579) NY (23346) NJ (MA926) NAVY USACE

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Sample Summary

Corporate Environmental Advisors

Job No:

M46919

Sunoco, 88 South Maple St., Westfield MA Project No: 5795-05-001

Sample	Collected		D : 1	Matr		Client	
Number	Date	Time By	Received	Code	Туре	Sample ID	
M46919-1	04/27/05	12:00 PB	04/29/05	SO	Soil	1 S-B-2'	
M46919-2	04/27/05	12:10 PB	04/29/05	so	Soil	2 S-B-2'	
M46919-3	04/27/05	12:20 PB	04/29/05	SO .	Soil	4 S-B-2'	
M46919-4	04/27/05	00:00 PB	04/29/05	so	Soil	5 S-COMP-2'	



Page 1 of 1

Client Sample ID: 1 S-B-2'

Lab Sample ID:

M46919-1

Date Sampled: 04/27/05

Matrix:

SO - Soil

Date Received: 04/29/05

Method:

MADEP VPH REV 1.1

DF

1

Percent Solids: 95.2

Project:

Sunoco, 88 South Maple St., Westfield MA

Prep Date

n/a

Prep Batch **Analytical Batch** GQR1632 n/a

Run #1 a Run #2

Initial Weight

29.7 g

File ID

QR31884.D

Final Volume

16.0 ml

Methanol Aliquot

By

AP

100 ul

Analyzed

05/06/05

Run #1 Run #2

MA-VPH List

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	ND	150	ug/kg
100-41-4	Ethylbenzene	ND	150	ug/kg
1634-04-4	Methyl Tert Butyl Ether	7350	62	ug/kg
91-20-3	Naphthalene	171	150	ug/kg
108-88-3	Toluene	197	150	ug/kg
	m,p-Xylene	171	150	ug/kg
95-47-6	o-Xylene	ND	150	ug/kg
	C5- C8 Aliphatics (Unadj.)	9630	3100	ug/kg
	C9- C12 Aliphatics (Unadj.)	ND	3100	ug/kg
	C9- C10 Aromatics (Unadj.)	ND	3100	ug/kg
	C5- C8 Aliphatics	ND	3100	ug/kg
	C9- C12 Aliphatics	ND	3100	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	101%		70-130%
615-59-8	2,5-Dibromotoluene	102%		70-130%

(a) Soil to methanol ratio greater than 1.25 to 1.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Page 1 of 1

Client Sample ID: 4 S-B-2' Lab Sample ID:

M46919-3

SO - Soil

Date Sampled: 04/27/05 Date Received: 04/29/05

Prep Date

n/a

Matrix: Method:

MADEP VPH REV 1.1

DF

1

Percent Solids: 95.3

Project:

Sunoco, 88 South Maple St., Westfield MA

Analyzed

05/06/05

Prep Batch n/a

Analytical Batch

Run #1 a Run #2

Initial Weight

By

AP

GQR1632

Run #1 31.0 g

File ID

QR31886.D

Final Volume 16.0 ml

Methanol Aliquot 100 ul

Run #2

MA-VPH List

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	ND	150	ug/kg
100-41-4	Ethylbenzene	151	150	ug/kg
1634-04-4	Methyl Tert Butyl Ether	3100	59	ug/kg
91-20-3	Naphthalene	174	150	ug/kg
108-88-3	Toluene	798	150	ug/kg
	m,p-Xylene	429	150	ug/kg
95-47-6	o-Xylene	213	150	ug/kg
	C5- C8 Aliphatics (Unadj.)	12100	3000	ug/kg
	C9- C12 Aliphatics (Unadj.)	4090	3000	ug/kg
	C9- C10 Aromatics (Unadj.)	ND	3000	ug/kg
	C5- C8 Aliphatics	8210	3000	ug/kg
	C9- C12 Aliphatics	ND	3000	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	96%		70-130%
615-59-8	2,5-Dibromotoluene	92%		70-130%

(a) Soil to methanol ratio greater than 1.25 to 1.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Client Sample ID: 2 S-B-2' Lab Sample ID:

Matrix:

M46919-2 SO - Soil

Date Sampled: 04/27/05 Date Received: 04/29/05

Prep Date

n/a

Method:

MADEP VPH REV 1.1

DF

1

Percent Solids: 94.4

Project:

Sunoco, 88 South Maple St., Westfield MA

Analyzed

05/09/05

Analytical Batch Prep Batch

n/a

GQR1633

Run #1 a Run #2

Initial Weight Run #1 32.8 g

File ID

QR31905.D

Final Volume 16.0 ml

Methanol Aliquot

By

AP

2.0 ul

Run #2

MA-VPH List

CAS No.	Compound	Result	RL	Units Q	
71-43-2	Benzene	30300	7200	ug/kg	
100-41-4	Ethylbenzene	416000	7200	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	204000	2900	ug/kg	
91-20-3	Naphthalene	40100	7200	ug/kg	
108-88-3	Toluene	1050000	7200	ug/kg	
	m,p-Xylene	1010000	7200	ug/kg	
95-47-6	o-Xylene	444000	7200	ug/kg	
AND MAIN THE	C5- C8 Aliphatics (Unadj.)	6080000	140000	ug/kg	
	C9- C12 Aliphatics (Unadj.)	6430000	140000	ug/kg	
	C9- C10 Aromatics (Unadj.)	2380000	140000	ug/kg	
	C5- C8 Aliphatics	4790000	140000	ug/kg	
	C9- C12 Aliphatics	2180000	140000	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
615-59-8	2,5-Dibromotoluene	0% b		70-130%	
615-59-8	2,5-Dibromotoluene	0% b		70-130%	

- (a) Soil to methanol ratio greater than 1.25 to 1.
- (b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Page 1 of 1

Client Sample ID: 5 S-COMP-2'

File ID

Lab Sample ID:

M46919-4

Date Sampled: 04/27/05 Date Received: 04/29/05

Matrix: Method: SO - Soil MADEP VPH REV 1.1

Percent Solids: 92.6

Project:

Sunoco, 88 South Maple St., Westfield MA

Analytical Batch DF Analyzed By. **Prep Date** Prep Batch 05/06/05 QR31887.D 1 AP n/a n/a GQR1632

Run #1 2 Run #2

> **Initial Weight Final Volume** Methanol Aliquot

Run #1 27.3 g 16.0 ml

100 ul

Run #2

MA-VPH List

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	ND	180	ug/kg
100-41-4	Ethylbenzene	ND	180	ug/kg
1634-04-4	Methyl Tert Butyl Ether	212	71	ug/kg
91-20-3	Naphthalene	ND	180	ug/kg
108-88-3	Toluene	ND	180	ug/kg
	m,p-Xylene	184	180	ug/kg
95-47-6	o-Xylene	ND	180	ug/kg
	C5- C8 Aliphatics (Unadj.)	4750	3600	ug/kg
	C9- C12 Aliphatics (Unadj.)	ND	3600	ug/kg
	C9- C10 Aromatics (Unadj.)	ND	3600	ug/kg
	C5- C8 Aliphatics	4390	3600	ug/kg
	C9- C12 Aliphatics	ND	3600	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	97%		70-130%
615-59-8	2,5-Dibromotoluene	95%		70-130%

(a) Soil to methanol ratio greater than 1.25 to 1.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Accutest Laboratories

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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- VPH Form

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		-	-	
Š	ŕ		3	×
ı	ě	3	ι	٦

M MAC	CUTI			CH		OGY CE	NTER ROUG	WEST 4, MA	• BL	JILD	ING C	D	Y		FIRST F. Std	TEST (OB 6:		1691	<i>f</i>
	CLIENT IN			1950	FACI	LITY IN	ORMA	TION		3				28 /	MALYT	ICAL	INFOR	MATION	****	MATRIX CODE
NAME 88	oco S. Made theld	STATE	ZIP	PROJECT I	STE STA	MA						-								DW - DRINKING WATER GW - GROUND GWATER WW - WASTE WATER SO - SOL SL - SLUDGE
SEND REPORT TO PHONE #	"Scott Voice	17-	***	PROJECT I	579	<u> </u>	5_				20 0	-	+	200				1		CF OIL LIQ - OTHER LIQUED SOL - OTHER
	<u> </u>				LECTION		1 8	8	PRE	SER	VATIC	M.	Ħ,	S				1		SOLID
SAMPLE #	FIELD ID /	POINT OF COLLE	CTION	DATE	TIME	BAMPLEI BY:	MATRIX	SE SES	Š	MACO	MOHE	110	>	%						LAB USE ONL
1469194	1 SB-	21		4/27/05	12:00	PR	50	3		П	I	江	X.	XI.					TT	
-2	25-8	-21	2:3:2	4/27/14	12:40	PB	so	3				2	X	X						
-3	45-1	3-21	8080	4/22/00	12:20	PR	Sn	7		П	1,	2	×	XT					7 1	
-4	55-0	084-21		11 22/107		PA	SO	1			1	2	~	×						
/	75 0	OHIF 1/2	şi)			11/	007			П	1									
	10 140					_			T	H		T		1	11	T	1			
	02 2020 10 10	-							T	T	11	T				1				
	30000 *		#01 ±36			5 (8)			Ħ	Ħ	П				11					
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			***	998 10		100 E			\top	T					11		17			
	TA TIPMAPAU	ND INFORMATIO		S (V) 0 (44.4	DATA DEL	CDAP	E NIC	PORTAT	V024	EA	1	100		4 - (2)	V SANCE	~	MAKEN	TS/REM	ARYS	See Control of the Control
D 14 DAYS S	STANDARD	APPROVED		O STANDA	ARD RCIAL "B" ELIVERABI		A NII (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~	BE				MP			Selve	7	m I	CE
	ROUND HARDCOP	Y. EMERGENCY OR	RUSH IS FAX	OTHER			1040	-		9	Ť		_		H-800 I				low	2E, 3BY
CW2		DADYTHE 97:	DY MUST BE		BELOW E	RELB	IE SAI		CHA 44	Mar	POS	DATE	71042	NCLU 1/0:/	RECI	OURIE ENED D		YERY		and the second second
RELINGUISHED BY 3.	7	place there	RECEIVED I	Colf P	u	RELA 4.	OUNNE	D BY;	1/12	_			29/6 plac	5	2. RECI 4.	EDVED IN	J.	1	-	
REI MOUTENED BY	r.	DATE TIME:	RECEIVED S	14:	•••	SEAL	*	_	100				PRES	EDIVE V	MERE AN	PLICAS	£	i	ON ICE	TEMPERATURE

M46919: Chain of Custody Page 1 of 1



Matrix	Aqueous	So	il 🕢	Sediment	Other		b):
Containers	Satisfactory	Brok		Leaking		Market to Mark	0.103 99.77
Aqueous Preservative		pH <	55 (II.W)/ 55 (50)	pH > 2			
Temperature	tower files and the same and th	7	Received	at 4 Deq. C	Other	Rec'd at 0.9	deg C
Methanol	Methanol Covering	g Soil	. (mL Methan	ol/g soil: Othe	er) NOTE: Rat	io > 1.25 to 1.	
Method for Ranges:	MADEP VPH REV 1.1		Client ID: 1 S		Lab IC		
Method for Target Analytes:	: MADEP VPH REV 1.1	Date	e Collected: 4/2	7/2005	Date Received	I: 4/29/2005	
VPH Surrogate Standards		D	ate Extracted:	First Dat	e Run;	Last Date	Run:
PID: 2,5-Dibromotolue	ene		N/A	5/6/2	005	N/A	
FID: 2,5-Dibromotolus	ene		% Solids:	Low Dil	ution:	High Dilu	tion:
			95.2	1		N/A	
Unadjusted Ranges	CAS	#	Elution Range	<u>Units</u>	Result	RDL	Q
C5- C8 Aliphatics (Unad	j.)		N/A	ug/kg	9630 ^	3100	
C9- C10 Aromatics (Una	dj.)		N/A	ug/kg	ND*	3100	
C9- C12 Aliphatics (Una	dj.)		N/A	ug/kg	ND*	3100	
Target Analytes							
Ethylbenzene	100-41	1-4	C9-C12	ug/kg	ND	150	
Toluene	108-88	8-3	C5-C8	ug/kg	197	150	
Methyl Tert Butyl Ether	1634-0	Wt . R	C5-C8	ug/kg	7350	62	
Benzene	71-43-		C5-C8	ug/kg	ND	150	
Naphthalene	91-20		N/A	ug/kg	171	150	
o-Xylene	95-47	'-6	C9-C12	ug/kg	ND	150	
m,p-Xylene			C9-C12	ug/kg	171	150	
Adjusted Ranges							
C5- C8 Aliphatics			N/A	ug/kg	ND"	3100	
C9- C12 Aliphatics			N/A	ug/kg	ND°	3100	DAGGE)
Surrogate Recoveries					10.000	Acceptance Rang	16
FID:2,5-Dibromotoluene				% %	101	70-130 %	
PID:2,5-Dibromotoluene	W			7/0	102	70-130 %	
	ide concentrations of any surrogate(5-C8 Alliphatic Hydroci	erbons exclude	
the concentration of Target Ana C Hydrocarbon Range data exclu		(s) and/o	r internal standards e	luting in that range. C:			
conc of Target Analytes eluting Z A'J' qualifier indicates an estim		UP-U10 /	-quisse nyerocarboi	lab.			
. A A Angriso Molector to secu	2014 J. C. L. L. C.						

Were all QA/QC procedures REQUIRED by the VPH Method followed?	✓ Yes 🗆	No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved?	✓ Yes □	No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3?	✓ No □	Yes- Details Attatched

l attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Signature

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Reza Tand

Postition

Laboratory Director



Control Control									060	
Matrix		Aqueous	Soil	~	Sedir		Other	U		
Containers		,	Broken		Leak					
MANAGEMENT AND MANAGEMENT CO.	reservatives		pH <= 2		pH:			222 /2		
Temperatu	2	Received on Ice		150	ed at 4 Do		Other	17.3	Rec'd at 0.9	570
Methanol		Methanol Covering				il: Other				
Method for Ra	CALL AND	MADEP VPH REV 1.1		lient ID: 2 llected: 4			Date Receiv	ID: M46		
Content of the Conten	rget Analytes:	MADEP VPH REV 1.1					Date Receiv	eu. 7/25	1/2003	
VPH Surrogat				Extracted:	:	First Date			Last Date	
20 110 80 147	5-Dibromotoluene	1		N/A Solids:		5/9/200	3.00		N/A	
FID: 2,	5-Dibromotoluene			94.4		Low Dilu	tion:		High Dilu N/A	
	-				88. 80 yourse		* * * *		2 82 52 5	
Unadjusted R	anges	CAS#	Eluti	ion Range	<u>Units</u>	i	Result		RDL	Q
C5- C8 A	iphatics (Unadj.)			N/A	ug/kg	Ê	6080000 ^		140000	
C9- C10 /	Aromatics (Unadj.)			N/A	ug/kg		2380000 ^		140000	
C9- C12 /	Aliphatics (Unadj.)			N/A	ug/kg	E.	6430000 ^		140000	
Target Analyte	<u>es</u>									
Ethylbenz	ene	100-41-	4 (C9-C12	υg/kg	16	416000		7200	
Toluene	Ş	108-88-	3 (C5-C8	ug/kg		1050000		7200	
Methyl Te	rt Butyl Ether	1634-04	-4 1	C5-C8	ug/kg		204000		2900	
Benzene		71-43-2	2 (C5-C8	ug/kg		30300		7200	
Naphthale	ene	91-20-3	3	N/A	ug/kg		40100		7200	
o-Xylene		95-47-6	3 C	C9-C12	ug/kg		444000		7200	
m,p-Xyler	ne		C	C9-C12	ug/kg		1010000		7200	
Adjusted Rang	ges									
C5- C8 AI	iphatics			N/A	ug/kg		4790000 ⁸		140000	
C9- C12 A	Aliphatics			N/A	ug/kg		2180000 ^c		140000	
Surrogate Red					No.		S-6		ance Rang	16
WOOD A CONTRACTOR OF THE	ibromotoluene				%		00		0-130 %	
	ibromotoluene				%		О в	- 1	0-130 %	
<u>Footnotes</u>										
B Hydrocarbon		oncentrations of any surrogate(s) oncentrations of any surrogate(s) s alution in that rance	The same of the same of		A STATE OF THE REAL PROPERTY.	77 AND DOLLARS	C8 Aliphatic Hydro	carbons ex	clude	
C Hydrocarbon conc of Targe	Range data exclude c	concentrations of any surrogate(s) nat range AND concentration of C				range. C9-0	12 aliphatic Hydro	ocarbons ex	clude	
	indicates an estimated									

Were all QA/QC procedures REQUIRED by the VPH Method followed?	YYes L	No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved?	☐Yes 🗸	No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3?	✓No □	Yes- Details Attatched

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Signature /

- fand

Postition

Laboratory Director

Printed Name

Reza Tand

Date

5/13/2005



Matrix	Aqueous 🗆	Soil 🔽	Sediment	Other []
Containers	Satisfactory V	Broken □	Leaking	Д	
<u>Aqueous Preservatives</u>		oH <= 2 □	pH > 2	П	
Temperature	Received on Ice		d at 4 Deq. C		Rec'd at 0.9 deg C
Methanol Convince of	Methanol Covering				o > 1.25 to 1.
Method for Ranges:	MADEP VPH REV 1.1	Client ID: 4 S			M46919-3
Method for Target Analytes:	MADEP VPH REV 1.1	Date Collected: 4/2	//2005	Date Received:	4/29/2005
VPH Surrogate Standards		Date Extracted:		ate Run:	Last Date Run:
PID: 2,5-Dibromotoluen		N/A	AT. 3. 44	2005	N/A
FID: 2,5-Dibromotoluen	9	% Solids: 95.3	33.2	ilution: 1	High Dilution: N/A
Unadjusted Ranges	CAS #	Elution Range	Units	Result	RDL Q
C5- C8 Aliphatics (Unadj.)	0.00	N/A	ug/kg	12100 ^	3000
C9- C10 Aromatics (Unadj	Y	N/A	ug/kg	ND*	3000
C9- C12 Aliphatics (Unadj.		N/A	ug/kg	4090 ^	3000
Section (1) Sectio	7	2.52.3	-5"9		
Target Analytes	400.44	4 00 042		151	150
Ethylbenzene	100-41-		ug/kg		
Toluene	108-88-		ug/kg	798	150
Methyl Tert Butyl Ether	1634-04		ug/kg -	3100	59
Benzene	71-43-2		ug/kg	. ND	150
Naphthalene	91-20-3	3 N/A	ug/kg	174	150
o-Xylene	95-47-6	6 C9-C12	ug/kg	213	150
m,p-Xylene		C9-C12	ug/kg	429	150
Adjusted Ranges					
C5- C8 Aliphatics		N/A	ug/kg	8210 5	3000
C9- C12 Aliphatics		N/A	ug/kg	ND °	3000
Surrogate Recoveries			2000	700,3700	Acceptance Range
FID:2,5-Dibromotoluene			%	96	70-130 %
PID:2,5-Dibromotoluene	,= ,		%	92	70-130 %
B Hydrocarbon Range data exclude the concentration of Target Analyl C Hydrocarbon Range data exclude conc of Target Analytes sluting in	concentrations of any surrogate(s that range AND concentration of C) and/or internal standards () and/or internal standards (eluting in that range.		
Z A'J' qualifier indicates an estimat	TO THE LOW	<u> </u>			** *** ***

Were all QA/QC procedures REQUIRED by the VPH Method followed?	✓ Yes	No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved?	✓ Yes □	No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3?	☑No □	Yes- Details Attatche

l attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Signature

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Postition

Laboratory Director

Date

5/13/2005



3.2 関

MADEP VPH FORM

Matrix	Aqueous 🗆	Soil	✓ Se	diment 🗍	Other	П	
Containers		Broken [] <u>L</u> e	eaking 🔲		4.0	
Aqueous Preservatives		oH <= 2		H > 2			
Temperature	Received on Ice		eceived at 4		Other	Rec'd at 0.	
Methanol	Methanol Covering					atio > 1.25 to 1	<u> </u>
Method for Ranges:	MADEP VPH REV 1.1		nt ID: 5 S-COM			D: M46919-4	
Method for Target Analytes:	MADEP VPH REV 1.1	Date Collec	cted: 4/27/2005)	Date Receive	ed: 4/29/2005	
VPH Surrogate Standards		Date Ext		First Date F		Last Date	
PID: 2,5-Dibromotoluene	i i	N//		5/6/2005		N/A	
FID: 2,5-Dibromotoluene		% Soi		Low Diluti	on:	High Dilu	
		92.	.0	1	Steel	N/A	
Unadjusted Ranges	CAS#	Elution	Range <u>U</u>	nits	Result	RDL	<u>Q</u>
C5- C8 Aliphatics (Unadj.)		N	/A u	g/kg	4750 ^	3600	
C9- C10 Aromatics (Unadj.))	N	/A u	g/kg	ND *	3600	
C9- C12 Aliphatics (Unadj.)		, N	/A u	g/kg	ND*	3600	
Target Analytes							
Ethylbenzene	100-41-	4 C9-	C12 u	g/kg	ND	180	
Toluene	108-88-	3 C5-	-C8 uį	g/kg	ND	180	
Methyl Tert Butyl Ether	1634-04-	-4 C5	-C8 uį	g/kg	212	71	
Benzene	71-43-2	2 C5-	-C8 ui	g/kg	ND	180	
Naphthalene	91-20-3	3 N	/A u	g/kg	ND	180	
o-Xylene	95-47-6	6 C9-	C12 u	g/kg	ND	180	
m,p-Xylene		C9-	C12 u	g/kg	184	180	
Adjusted Ranges							
C5- C8 Aliphatics		N	/A u	g/kg	4390 ⁶	3600	
C9- C12 Aliphatics		N	/A u	g/kg	ND °	3600	
Surrogate Recoveries				(a) (b)	1340	Acceptance Ran	<u>ge</u>
FID:2,5-Dibromotoluene				%	97	70-130 %	
PID:2,5-Dibromotoluene	- 100m			%	95	70-130 %	
Footnotes		(1 1 - 1 1					
A Hydrocarbon Range data exclude B Hydrocarbon Range data exclude the concentration of Target Analytic	concentrations of any surrogate(s) as eluting in that range.) and/or internal	standards eluting in	that range, C5-C			
C Hydrocarbon Range data exclude conc of Target Analytes eluting in t	concentrations of any surrogate(s)) and/or internal 9-C10 Aromatic	standards eluting in Hydrocarbons,	that range. C9-C1	l 2 aliphatic Hydro	carbons exclude	
Z A'J' qualifier indicates an estimate	d value						

Were all QA/QC procedures REQUIRED by the VPH Method followed?		No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved?		No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3?	☑No □	Yes- Details Attatche

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Signature /

from ford

Postition

Laboratory Director

Printed Name

Reza Tand

Date

5/13/2005



APPENDIX C

Public Notification Letters





June 22, 2005

Health Department Westfield City Hall 59 Court St. Westfield, MA 01085

RE:

Immediate Response Action Plan- Threat of Release Condition

Sunoco Station

88-90 South Maple Street Westfield, Massachusetts

DUNS: 0374-5593 MA DEP RTN: 1-15718 CEA File No. 5795-05

To Whom It May Concern:

As specified under 310 CMR 40.1403(3) of the Massachusetts Contingency Plan (MCP), this letter serves as official notification that a Release Notification Form (RNF) and an Immediate Response Action (IRA) Plan prepared for a Threat of Release condition at the above-referenced location have been filed with the Massachusetts Department of Environmental Protection (MA DEP). A copy of the RNF and IRA Plan report may be obtained or reviewed at the MA DEP Western Region located at 436 Dwight Street, Suite 500, Springfield, Massachusetts 01103.

If you have any questions or would like to obtain a copy of the submittal, please contact the MA DEP at (413) 784-1149.

Sincerely,

Corporate Environmental Advisors, Inc.

Patrick J. Brown

Environmental Scientist

Cc: Chief Municipal Officer, Westfield City Hall, 59 Court St., Westfield, MA 01085

MA DEP Western Region, 436 Dwight Street, Suite 500 Springfield, Massachusetts 01103





CORPORATE ENVIRONMENTAL ADVISORS, INC.

June 22, 2005

Chief Municipal Officer Westfield City Hall 59 Court St. Westfield, MA 01085

RE:

Immediate Response Action Plan- Threat of Release Condition

Sunoco Station

88-90 South Maple Street Westfield, Massachusetts

DUNS: 0374-5593

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Sincerely,

Corporate Environmental Advisors, Inc.

Patrick J. Brown

Environmental Scientist

Cc:

Westfield Health Department, Westfield City Hall, 59 Court St., Westfield, MA 01085

MA DEP Western Region, 436 Dwight Street, Suite 500 Springfield, Massachusetts 01103



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup



IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL

Release Tracking Number

FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

1 - 15718

A. RELEASE OR THREAT OF RELEASE LOCATION:	TER. OF EN
Release Name/Location Aid: Sunoco Station	My Reco
2. Street Address: 88-90 South Maple Street	· 100
3. City/Town: Westfield	4. ZIP Code: 01085-0000
5. Check here if a Tier Classification Submittal has be	d. Tier II
a. CERCLA b. HSWA Corrective Action d. RCRA State Program (21C Facilities)	d, pursuant to 310 CMR 40.0110-0114. Specify Program (check one): C. Solid Waste Management
B. THIS FORM IS BEING USED TO: (check all that apply)	
 List Submittal Date of Initial IRA Written Plan (if pre Submit an Initial IRA Plan. 	viously submitted):(mm/dd/yyyy)
3. Submit a Modified IRA Plan of a previously submit	ted written IRA Plan.
4. Submit an Imminent Hazard Evaluation. (check or	
a. An Imminent Hazard exists in connection with	
b. An Imminent Hazard does not exist in connect	
assessment activities will be undertaken.	sts in connection with this Release or Threat of Release, and further
d. It is unknown whether an Imminent Hazard ex response actions will address those conditions the	ists in connection with this Release or Threat of Release. However, nat could pose an Imminent Hazard.
5. Submit a request to Terminate an Active Remedia Hazard	al System or Response Action(s) Taken to Address an Imminent
6. Submit an IRA Status Report .	
7. Submit an IRA Completion Statement.	
conducted as part of the Response Actions plann different Release Tracking Number (RTN). Whe	sing this Release or Threat of Release notification condition will be ted or ongoing at a Site that has already been Tier Classified under a en linking RTNs, rescoring via the NRS is required if there is a PRTN(s) would change the classification of the site.
b. Provide Release Tracking Number of Tier Cla	ssified Site (Primary RTN):
These additional response actions must occur accor RTN when making all future submittals for the site ur	ding to the deadlines applicable to the Primary RTN. Use the Primary lless specifically relating to this Immediate Response Action.
8. Submit a Revised IRA Completion Statement.	
(All sections of this transmittal form	must be filled out unless otherwise noted above)

N

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC105

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL

FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

/cica2c	Tracking Number
	P. P. LEWIS
1 -	15718

Toylan is in the desire of the American September 1997 of the	*****
C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT IRA:	
Identify Media Impacted and Receptors Affected: (check all that apply)	
a. Air b. Basement c. Critical Exposure Pathway d. Groundwater	e. Residence
f. Paved Surface g. Private Well h. Public Water Supply i. School	j. Sediments
✓ k. Soil I. Storm Drain m. Surface Water n. Unknown o	Wetland p. Zone 2
q. Others Specify:	The state of the s
Identify Oils and Hazardous Materials Released: (check all that apply)	
a. Oils b. Chlorinated Solvents c. Heavy Metals	
Capelina	
d. Others Specify: Gasoline	*
	NO. 01/2
D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply, for volumes list cumulative a	
1. Assessment and/or Monitoring Only	
3. Deployment of Absorbent or Containment Materials 4. Temporary Water	
	cuation or Relocation of Residents
7. Product or NAPL Recovery 8. Fencing and Sig	n Posting
9. Groundwater Treatment Systems 10. Soil Vapor Extr.	action
11. Bioremediation 12. Air Sparging	
13. Excavation of Contaminated Soils	
a. Re-use, Recycling or Treatment i. On Site Estimated volume in cubic yards	
. ii. Off Site Estimated volume in cubic yards	100
iia. Receiving Facility: Town:	State:
iib. Receiving Facility;Town:	State:
iii. Describe:	
b. Store i, On Site Estimated volume in cubic yards	2 W
ii. Off Site Estimated volume in cubic yards	
iia. Receiving Facility: Town:	State:
ilb. Receiving Facility: Town:	State:



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC105

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number

1	-	15718
100000		and the same of th

 DESCRIPTION OF RESPONSE ACTIONS (cont.): (check a c. Landfill 	I that apply, for volumes list cumulat	tive amounts)
i. Cover Estimated volume in cubic yard	is	
Receiving Facility:	Town:	State:
ii. Disposal Estimated volume in cubic yard	S	
Receiving Facility:	Town:	State:
14. Removal of Drums, Tanks or Containers:		
- Describe Quantity and Amount	8	
a. Describe Quantity and Amount:		, , , , , , , , , , , , , , , , , , ,
:	CALL IN LIMITED AND AND AND AND AND AND AND AND AND AN	81
b. Receiving Facility:	Town:	State:
c. Receiving Facility:		
	The second secon	State.
15. Removal of Other Contaminated Media:		
a. Specify Type and Volume:		7 70 FF 7 7 FF 9
*		
b. Receiving Facility:		
c. Receiving Facility:	Town:	State:
16. Other Response Actions:	¥.	
Describe:		
Describe.		2 0 0 3 3 3
_		
17. Use of Innovative Technologies:		
Describe:		×
		2
	8	
*		



Massachusetts Department of Environmental Protection

Bureau of Waste Site Cleanup

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL

FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

BWSC105

Ral	0260	Trackin	a Num	ha
UCI	ease	Hackin	g Mulli	INCI

15718

E. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief.

- > if Section B of this form indicates that an Immediate Response Action Plan is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal:
- > if Section B of this form indicates that an Imminent Hazard Evaluation is being submitted, this Imminent Hazard Evaluation was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40,0000, and the assessment activity(ies) undertaken to support this Imminent Hazard Evaluation comply(ies) with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000:
- > if Section B of this form indicates that an Immediate Response Status Report is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40,0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;
- > if Section B of this form indicates that an Immediate Response Action Completion Statement or a request to Terminate an Active Remedial System or Response Action(s) Taken to Address an Imminent Hazard is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40,0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

First Name: Scott E.	3. Last Name: VanderSea
. Telephone: (508) 835-8822	5. Ext.: 259 6. FAX: (508) 835-8812
Date: C/21/35 (mm/dd/yyyy)	9. LSP Stamp: SCOTT E. VANDERSEA No. 3978
	FROM SITE PROPERTY

Revised: 11/04/2003 Page 4 of 6



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC105

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL

Release Tracking Number

FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

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201 (2010)
F. PERSON UNDERTAKING IRA:
1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions
2. Name of Organization: Sunoco Inc. (R & M)
3. Contact First Name: William J. 4. Last Name: Brochu
5. Street: 4 Bellows Rd., P.O. Box 1262 6. Title: Environmental Engineer
7. City/Town: Westborough 8. State: MA 9. ZIP Code: 01581-1262
10. Telephone: (978) 567-5836
G. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA:
✓ 1. RP or PRP ✓ a. Owner □ b. Operator □ c. Generator □ d. Transporter
e. Other RP or PRP Specify:
2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
4. Any Other Person Undertaking IRA Specify Relationship:
H. REQUIRED ATTACHMENT AND SUBMITTALS:
Check here if any Remediation Waste, generated as a result of this IRA, will be stored, treated, managed, recycled or reused at the site following submission of the IRA Completion Statement. If this box is checked, you must submit one of the following plans, along with the appropriate transmittal form.
a. A Release Abatement Measure (RAM) Plan (BWSC106) b. Phase IV Remedy Implementation Plan (BWSC108)
2. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the implementation of an Immediate Response Action taken to control, prevent, abate or eliminate an Imminent Hazard.
4. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of a Completion Statement for an Immediate Response Action taken to control, prevent, abate or eliminate an Imminent Hazard.
5. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to the DEP Regional Office.
6. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC105

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL

Release Tracking Number

FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

1	2-	15718

consisting of parium, (i) that I have personally
penalties of perjury (i) that I have personally grany and all documents accompanying this pensible for obtaining the information, the belief, true, accurate and complete, and (iii) ensible for this submittal. I/the person or a penalties, including, but not limited to, plete information.
3. Title: Environmental Engineer
. 1780
5. Date: 6/21/05
(mm/dd/yyyy)
m address recorded in Section F.
10. ZIP Code:
T
FEE OF UP TO \$10,000 PER GOMPLETE ALL RELEVANT IT AS INCOMPLETE. IF YOU SSING A REQUIRED DEADLINE.
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