Request for Proposals
(RFP)

267 South Main Street Mixed-Use Development

April 8, 2015

INTENT

The City of Canandaigua, New York, (hereinafter "City") solicits proposals from firms or organizations experienced in the development of complex downtown mixed-use projects that incorporate the following elements: retail, services, public space and pedestrian components for a property known as the "Tom's Mobil" located at 267 South Main Street. It is the intent of the City to establish a relationship with the successful Responder who will be requested to submit to the City a Term Sheet that specifically outlines a project concept, contains illustrations, describes public benefits, addresses project financing and defines an environmental remediation plan. Submissions are not required to be detailed architectural drawings or other site details. Submissions should include conceptual illustrations including a site plan that shows the height of buildings, setbacks, number of office units, square footage of retail space, number of project related parking spaces, public amenities, pedestrian improvements and linkages with the core of the Downtown. Particular focus should be placed on the integration of the site with the Downtown, architecturally compatible and supportive of the Downtown ambience. The goal for seeking proposals is to gain an overview of the possibility for development on the site in a quality and tasteful manner. The City expects submissions to be creative but also practical to address the usual challenges associated with development in a downtown, around such issues as design, abutters' concerns, traffic, setbacks, massing and amenities. Key elements to be presented in the overview for the City Council are the quality of what is being proposed; environmental remediation plan, financial viability of the proposal; time frame for the development; public benefits and integration with the Downtown. Responses should be kept to no more than 25 pages. Material that describes your organization and examples of its experience with similar projects will not be included in the 25 page limit.

GENERAL INFORMATION

The 267 South Main Street site covers 20,711 square feet and is shown as Parcel 84.13-4-2.1 on the current assessment map of the City of Canandaigua. The parcel is located in a Mixed Use - Medium Density (MU-2) zoning district.

The primary objectives for the development of the site are:

1. Multiple-story building with commercial uses on the ground floor and commercial, residential and/or office uses on the upper floors. Or a single story commercial building designed to appear as a multi-story building.
2. Improve the aesthetics of the area and integrate the site with the Downtown character and streetscape.
3. Enhance pedestrian safety and traffic safety

The term sheet for the transfer of the property will include time frames for completion of certain milestones involved with the development of the property. Specifically, the City is interested in timely improvements to remediate the property and the overall appearance of the property with progress towards development and removal of a blighted property.

The sites past uses as a motor vehicle service station has resulted in known contamination from of the property. Remediation work, which includes the removal of existing gas tanks and associated piping, must be completed to the satisfaction of the New York State Department of Environmental Conservation (NYSDEC) prior to any transfer of the deed to the property. Responders are encouraged to review the attached documentation obtain from the NYSDEC, contact the NYSDEC for more information (Carl Hettenbaugh, NYSDEC 585-226-5433), or perform their own environmental investigations. Grants or other financial assistance may be available for remediation of the site, most notably the New York State Brownfield Cleanup Program. Responders are encouraged to research these options for inclusion with their submittals. Attachments:

1. Phase II Environmental Investigation completed by Soil, Air and Water Environmental Services, Inc. dated January 31, 2008,
2. Remediation Action Plan completed by Soil, Air and Water Environmental Services, Inc. dated April 1, 2009,
3. Remediation Activity Report completed by Soil, Air and Water Environmental Services, Inc. dated April 2010,
4. NYSDEC Spill Report Form for spills #0370375, #0751213, #0908882, #8180527, #8604669, and #9408512,
5. NYSDEC Petroleum Bulk Storage Program Facility Information Report.

BACKGROUND OF FIRM/ORGANIZATION

Submissions must have a brief presentation of the organization's background, breadth of experience, professional training and education, experience of principals, noted projects completed locally and nationally and any awards or recognitions received in the last 5 years, and must include the following:

- description of the organization's history and ownership;

- specific experience in developing projects in the Northeastern part of the United States, listing the projects with year completed, financing method, illustrations/photographs and references from individuals involved with projects completed in conjunction with a governmental or public agency;

- experiences that demonstrate the ability to work in a urban environment on a site with potential environmental concerns;

- financial resources that demonstrate your firm's/organization's ability to successfully complete a mixed-use development project of this scale and scope;

- any information pertaining to the experience of working with government entities elaborating on knowledge of local zoning, local planning board processes, New York State Environmental Quality Review Act (SEQRA), neighborhood associations and business groups;

- a presentation that illustrates the firm's/organization's commitment to excellent design, use of premium materials and quality workmanship in regard to construction. References from previous clients should be included with photos and other graphics of completed projects;

- description of the project team that will be assigned to the project specifying the lead design firm, primary consulting engineer, environmental consultant and other parties required for specialties with the inclusion of relevant credentials.

PROPOSAL

The City shall not be liable for costs incurred in the preparation of a response to this RFP or in conjunction with any presentations before the City Council or local agencies. Responders are required to submit twelve (12) copies of the proposal in a form that is typed, bound, paginated, indexed and numbered consecutively. All materials developed under this RFP shall become the possession of the City of Canandaigua. Responders shall submit proposals that conform to the following components, aspects, features and requirements for the subject site:

1. Payment of tax arrears and purchase price;

2. An environmental remediation plan satisfactory to the New York State Department of Environmental Conservation;

3. A mixed-use facility that entails a multiple-story building with commercial uses on the ground floor and commercial, residential and/or office uses on the upper floors, or a single story commercial building designed to appear as a multi-story building that is in full compliance with the City zoning for the site;

4. Illustrative site plan showing setbacks, height of structures, number of housing or office units, square footage of retail, open space, public amenities, linkages to downtown and other site elements;

5. Floor plan for each proposed level indicated;

6. Illustrative elevations displaying the north, south, east and west views;

7. Describe the project's public and financial benefits and other amenities to the City;

8. Statements supporting the financial viability of the proposal and identifying potential financial sources, or methods available to the firm/organization;

9. General description of the legal and transactional structure that can be utilized for the development that addresses ownership, rights and obligations.

10. A proposed time line/schedule for remediation and development of the site.

SUBMISSION

All proposals, fully completed, must be submitted to the City of Canandaigua, City Manager's office by **Wednesday, June 10, 2015** by 5:00 p.m. Eastern Standard Time. Twelve (12) copies shall be submitted to the attention of the City Manager. Packages containing proposals shall be sealed, bearing on the outside the Responder's name, address and plainly marked "RFP: 267 South Main Street Mixed-Use Development".

A pre-submission conference will be held in the Hurley Building located at 205 Saltonstall Street on **Monday, May 11, 2015** at 11:00 a.m. EST, to review information and answer questions about the RFP. In addition, general questions about this RFP, submission requirements, technical questions regarding the proposal and/or requests for any documents cited in this RFP must be made in writing to the City Manager's Office. Responders are required to limit their contact with the City regarding this RFP to the Office of the City Manager.

PURCHASE AND SALE AGREEMENT

A sample Purchase and Sale Agreement for 267 South Main Street is attached to this RFP. Requests to modify the agreement may be included with submissions.

EVALUATION

1. All proposals will be evaluated by the entire City Council under the guidance of the Council's Planned Unit Development (PUD) Committee which shall serve as the Committee of the Whole. Meetings of the PUD Committee will be conducted in accordance with the New York State Open Meetings Law (Public Officer's Law Article 7).

2. The following criteria will be used, without limitation, in determining the firm/organization that will be invited to submit a Term Sheet to the City defining the proposal, specifying public benefits and listing all aspects, rights, responsibilities and obligations of the parties:

    1. Completeness and responsiveness to the requirements of the RFP.

    2. Content, quality and clear concise presentation of the public benefits to be gained by the City.

    3. Demonstrated qualifications and professional experience and competency in analyzing, designing and building downtown mixed-use projects.

    4. Financial position of the firm/organization, financial viability of the proposal and reputation in the real estate financing industry.

    5. Innovative nature and extent of creativity in addressing various aspects of the proposal.

    6. Commitment to the City's objectives for the site.

    7. Demonstrated understanding of the project scope as evidenced by the quality of the submission.

8. References attesting to the character of the firm's/organization's principals and the quality of services performed.

9. Timeliness of the proposed development.

ADDITIONAL INFORMATION

Revisions to proposals are not permitted once submitted, however, proposals can be withdrawn any time prior to the submission deadline by presenting a written request from the firm's/organization's principal, to the Office of the City Manager. Requests for withdrawal prior to the submission deadline will allow for the return of the twelve (12) submitted unopened proposals to the Responder.

1. **Phase II Environmental Investigation completed by Soil, Air and Water Environmental Services, Inc. dated January 31, 2008**

Soil
Air
Water Environmental Services, Inc.

January 31, 2008

Tom's Mobil
Attn: Mr. Tom Schaeffer
267 South Main Street
Canandaigua, New York 14424

Re: Phase II Environmental Investigation
Tom's Mobil
267 South Main Street
Canandaigua (C), Ontario County
NYSDEC Spill # 07-51213

Dear Mr. Schaeffer:

1.0 INTRODUCTION

This report summarizes the results of a Phase II Environmental Investigation conducted on December 12, 2007 at the above referenced property located at 267 South Main Street, Canandaigua, New York 14424. This investigation was conducted in accordance with our proposal dated August 10, 2007.

This investigation was conducted for the purpose of determining if the site meets the NYSDEC standards set forth in the Technical Administrative Guidance Memorandum (TAGM) 4046. Several recognized environmental concerns (REC's) were identified in a Property Transaction Screen conducted by SAW in 2007.
The following areas were investigated;

- Active Pump Islands
- Area adjacent to the active UST (site of NYSDEC Spill # *9408512*)
- Area adjacent to historical presence of UST's as identified in Sanborn Fire Insurance Maps.

*A site location photograph is attached in **Appendix A.***

2.0 INVESTIGATION METHODOLOGY

A total of twelve (12) geoprobe soil borings (B) utilizing a geoprobe with a macro core sampler (MC) were installed at the site. The MC samplers are open tube design and measure 2" in diameter by 46" long. The samplers were fitted with removable clear acetate liners. Where possible, samples were extracted from 0" to 4', 4' to 8' and 8' to 12' below ground surface (bgs). All sampling tools were decontaminated with Alconox and water between boreholes.

Soils were extracted from the acetate liners, and the recovered soil was placed into sealed glass jars at two-foot increments. A calibrated Mini-Rae photo ionization detector (PID) was used to screen the container headspaces for the presence of volatile organic compounds (VOC).

672 Frey Road, Macedon N.Y. 14502
Tel: (315) 986-4751 • Fax: (315) 986-8274
www.sawenvironmental.com

Select soil samples were submitted to the Paradigm Environmental Services, Inc. for analysis for volatile organic compounds (VOC's) using EPA Method 8260 (STARS list).

Analytical results were compared to the VOC regulatory threshold limits outlined in the NYSDEC TECHNICAL & GUIDANCE MEMORANDUM # 4046 regulatory cleanup guidelines.

3.0 INVESTIGATION RESULTS

The following section summarizes the soil vapor and laboratory analytical results for the property. A complete copy of the laboratory analytical results is provided in ***Appendix C.***

3.1 Soil Vapor Survey Results:

Twelve (12) soil borings (B) were installed at the site. The following areas and their respective borings are described below:

Boring(s)	Area Investigated
B1 – B2	Active UST
B3 – B4	Adjacent to suspect former tank pit location
B5 – B12	Adjacent to active pump (and former) islands

Data collected from the borings indicate the former suspect UST areas do not appear to have affected the site.
Data collected from the current UST location meet NYSDEC Standards.
Data collected from the current and former pump island location indicates a plume of soil impact, which appears limited to on-site property.

Copies of soil boring logs are attached in ***Appendix B.***
A boring location map is attached in ***Appendix D.***

- **Investigation Observations:**

3.0.1 Active UST Location:

Soils did not appear stained and petroleum odors were only evident in a deep seated (12 ft bg) fine gravel seam in borings B1 & B2. A soil sample was collected this horizon and minor detections of VOC's were noted. Comparison with TAGM standards reveals a total VOC concentration of 429 ppb with all detections below the recommended soil cleanup objectives (RSCO).
Due to these findings SAW shall be recommending site inactivation based on the spill meeting standards of NYSDEC spill # 94-08512

3.0.2 Former suspect UST location:

Neither visible staining nor petroleum odors (except a shallow olfactory detection in B4) were evident in a borings B3 - B4, which were installed adjacent to the location of historical underground storage tanks.

3.03 Active and former pump islands

Borings B5 – B12 revealed elevated PID detections, staining and evidence of petroleum impairment. Laboratory analysis of select soil samples indicated soils with petroleum impairment above the TAGM # 4046 RSCO's.

3.1.1 Laboratory Analysis:

Soil samples were submitted to Paradigm Environmental Services of Rochester, New York for laboratory analysis to better characterize the nature of the suspect contaminants and to determine whether the contaminant levels exceed regulatory cleanup guidelines outlined in the NYSDEC TECHNICAL AND GUIDANCE MEMORANDUM # 4046.

Copies of Laboratory Analysis are in ***Appendix C.***

3.1.2 Laboratory Results:

VOC compounds (EPA Method 8260 STARS List) were found to be above laboratory detection limits from all of the samples collected and analyzed. Comparison of the data to NYSDEC TAGM 4046 RSCO's indicates detected VOC compounds are above the regulatory standards as described in the NYSDEC TAGM 4046. The contaminant concentrations were highest in the 8 foot smear zone with elevated detections starting @ four ft below grade near the pump islands and smearing @ eight feet below grade. Cross referencing the PID detections to laboratory analysis indicates soils with headspace above 250 ppm in the smear zone will probably have laboratory analysis exceeding the RSCO's, and soils in the dry zone with headspace above 500 will have detections exceeding the RSCO's, however that is soil type dependent. See below:

Boring B-5 @ 9 ft bg	f gravel lens	2039 PPM headspace	20 PPM Lab
Boring B-7 @ 5 ft bg	SILT w/trace clay	2100 PPM headspace	49 PPM Lab
Boring B-9 @ 8 ft bg	SILT w/trace clay/f gravel	342 PPM headspace	15 PPM Lab
Boring B-11 @ 6 ft bg	SILT w/ trace clay	400 PPM headspace	1 PPM Lab

4.0 CONCLUSION

Based on the findings from the Phase II Investigation, the following conclusions are made:

- The operation and use of the currently active registered gasoline UST did not appear to have affected the soils and groundwater adjacent to the tank location.
- The former pump island appears to be the source of the petroleum (gasoline) that has impacted the subsurface soils. The former pump island was located at the southwest corner of the current pump island.
- The smear zone is @ eight feet below grade with preferential flow through gravel stringers.
- It appears that upwards of 400 cubic yards of soils have been impacted and have levels of petroleum based contaminants that are above the regulatory guidelines.
- Vadose zone petroleum impact appears limited to the soils directly adjacent to the location of the former pump island.
- Smear & saturated zone petroleum impacted soils extend laterally.
- Contaminant flow appears to be evenly spread surrounding the former pump island, no discernable flow direction was observed.

5.0 RECOMMENDATIONS

Two separate types of remediation appear suited for this site given the current activity and use. Each technique involves a degree of soil removal and disposal with varying degrees of in-situ contaminant polishing. Proposals for remediation shall be submitted under separate cover.

Should you have any questions or comments regarding our investigation findings, please contact me.

Respectfully submitted,
S.A.W. ENVIRONMENTAL SERVICES, INC.

Jon F. Heerkens
Engineering Geologist

CC: Mr. Carl Hettenbaugh, NYSDEC Spill Department

Attachments: Appendices

Appendices

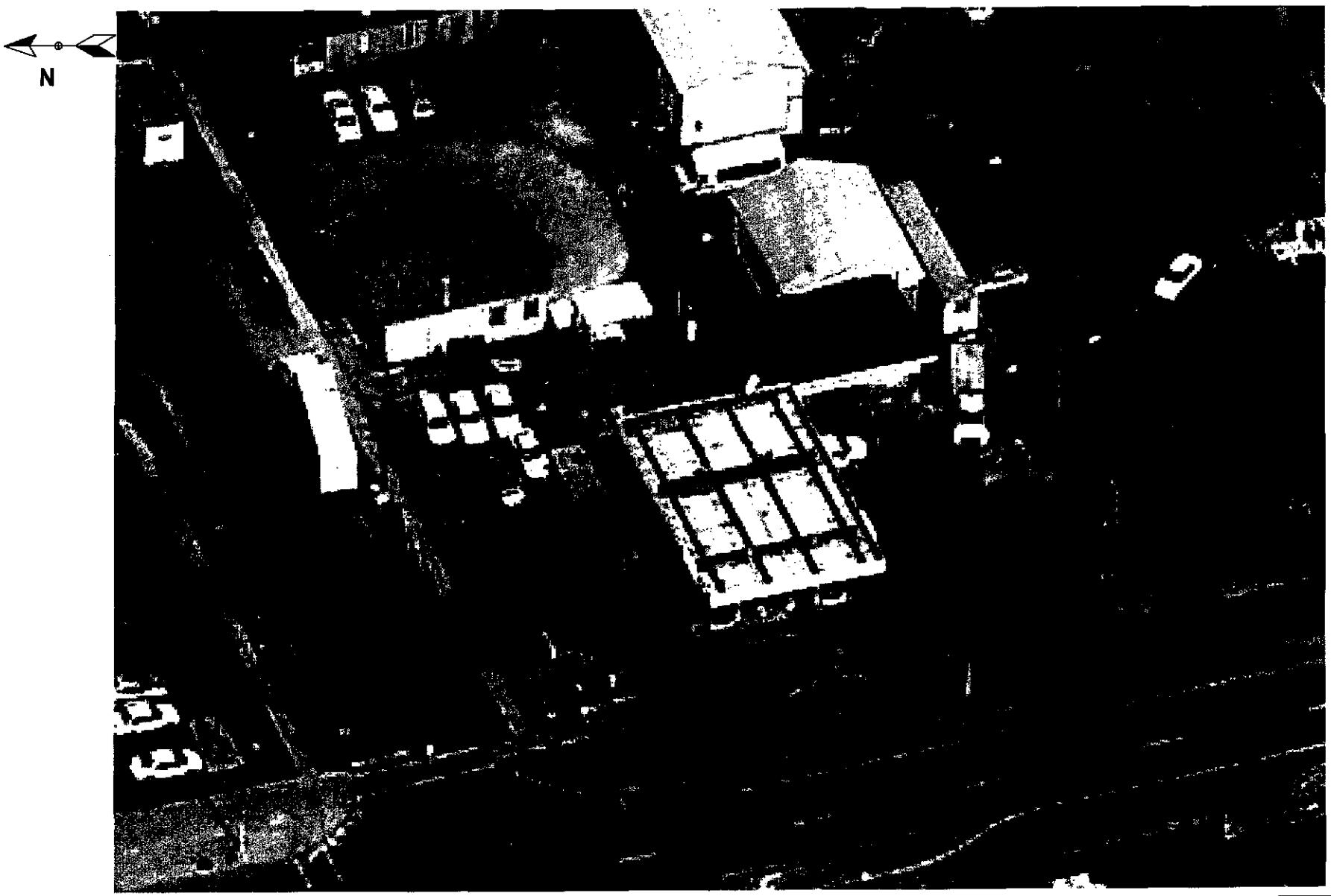
Appendix A, *Site Photograph*

Appendix B, *Soil Boring Logs*

Appendix C, *Geoprobe Boring Soil Analysis*

Appendix D, *Boring Location Map*

Appendix A
Site Photograph



SAW Environmental Services, Inc.
672 Frey Road • Macedon, NY 14502
(315) 986-4751 Phone • (315) 986-8274 Fax
www.sawenvironmental.com

Title:	Boring Locations		
Project:	Tom's Mobil 267 South Main Street Canandaigua, New York	**Date:**	01/11/08
Project #:	27163	**Scale:** Not to Scale	**Drawn by:** DKE

Appendix B
Soil Boring Logs

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-1 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 ft north of the center of tank pit

Sample Location B-1

Depth of Sample	Sample No.	Blows On Sampler 0/6 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1							Asphalt Driveway Base	
2								
3				moist	Br		fm SAND w/trace silt	
4			0	wet		50%		
5								
6								
7							pea stone (edge of tank pit)	
8			1.8	moist	Mar	50%	CLAY w/trace silt, Little f gravel	
9								
10			0.2				SILT w/little clay	
11								
12			0.9			100%	SILT w/trace clay	
13								
14								
15								
16								

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-2 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 ft west of B-1

Sample Location B-2

Sheet 2 of 12

Depth of Sample	Sample No.	Blows On Sampler 0/6 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1							Asphalt Driveway Base	
2								
3			0.1	wet	Bl		f gravel w/little c sand	
4			3.2	moist	Br	50%	SILT w/trace c sand, little f gravel	
5				dry			SILT w/trace fi gravel, c sand	
6			0.4				SILT w/little clay	
7								
8			0		Mar	80%		
9								
10			0					
11								
12			6	wet		100%	f GRAVEL w/little silt	
13							SILT w/some clay	
14			0	moist		100%		
15								
16								

Soil sample collected at 12 feet below grade

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-3 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: Northwest corner along Main St ROW

Sample Location B-3

Depth of Sample	Sample No.	Blows On Sampler 0/6 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1							Asphalt Driveway Base	
2							Iron Staining	
3								
4			0.9	moist	Br	40%	SILT w/little f gravel	
5					Mar		SILT w/trace clay	
6			0					
7							SILT w/little clay	
8			0			75%		
9								
10			0	wet				
11				Moist			f GRAVEL	
12						100%	SILT	
13								
14								
15								
16								

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-4 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 south of B-3

Sample Location B-4

Depth of Sample	Sample No.	Blows On Sampler 0/6 / 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1					Bl		Asphalt Driveway Base	
2								
3				wet			SILT w/trace f gravel, c sand	
4			0.4			60%		old petro odor
5				moist	mar		SILT w/trace clay	
6			0	dry				
7							SILT w/little clay	
8			0		Mar	90%		
9								
10			0.7	wet			f GRAVEL	
11				moist			SILT w/some clay	
12			0			100%		
13								
14								
15								
16								

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-5 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 south of B-4

Sample Location B-5

Sheet 5 of 12

Depth of Sample	Sample No.	Blows On Sampler 0/6 / 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1					Bl		Asphalt Driveway Base	
2							Concrete	
3								
4			1618	moist	grey	30%	f GRAVEL w/trace silt	
5					mar		SILT w/little clay	
6			606					
7								
8			193			100%		
9			2039				f GRAVEL lens	lens 6" thick
10			354	wet	Br			
11				moist				
12			47		Tan	100%	f SAND w/trace silt	
13								
14								
15								
16								

Soil sample collected at 9 feet below grade in gravel lens

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-6 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 south of B-5

Sample Location B-6

Sheet 6 of 12

Depth of Sample	Sample No.	Blows On Sampler 0/6 / 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1				dry			Asphalt Driveway Base	
2								
3			56		Bl		SILT w/little f gravel	
4			90	moist	Br	50%		Old petro odor
5			2200		mar		SILT w/trace clay	
6			1212	dry				
7								
8			247	wet		100%	f GRAVEL lens	lens 4" thick
9			473	moist			f SAND w/trace silt	
10			179					
11								
12			19		Tan	100%		
13								
14								
15								
16								

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-7 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 south of B-6

Sample Location B-7

Depth of Sample	Sample No.	Blows On Sampler 0/6 / 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1				dry			Concrete	
2								
3								
4						10%		
5			2100	dry	mar		SILT w/trace clay	
6								
7								
8			1891			60%	f SAND w/trace silt	
9				moist	Br			
10			40					
11								
12			10		Tan	60%	f SAND	
13								
14								
15								
16								

Soil sample collected @ 5 feet below grade

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-8 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 south of B-7

Sample Location B-8

Depth of Sample	Sample No.	Blows On Sampler 0/6 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1				dry			Asphalt Base	
2								
3			0		tan		SILT w/little brick, f gravel	
4			0		red/br	60%	SILT	
5								
6			0		Br			
7								
8			921	moist		100%	SILT w/trace clay,little f sand	
9								
10			386				f SAND w/trace silt	
11					Tan			
12			5			100%		
13								
14								
15								
16								

Notified NYSDEC Spills department - Spill # 07-51213

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-9 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 east of B-8

Sample Location B-9

Sheet 9 of 12

Depth of Sample	Sample No.	Blows On Sampler 0/6 / 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1				dry			Asphalt Base & Concrete	
2								
3								
4			0		grey	10%		
5							SILT w/trace clay, f gravel	
6			87		red br			
7								
8			342	moist		80%		
9							f SAND w/trace clay	
10			64				f SAND w/trace clay, f gravel	
11					Tan		f SAND	
12			9			100%		
13								
14								
15								
16								

Soil sample collected @ 8 feet below grade

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-10 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 east of B-11

Sample Location B-10

Depth of Sample	Sample No.	Blows On Sampler 0/6 / 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1				dry			Asphalt Base & Concrete	
2								
3								
4			10		grey/bl	15%		
5			397	wet			f GRAVEL	
6			805	Dry	mar		SILT	
7								
8			485	moist	Br	90%		
9							SILT w/little f sand,trace clay	
10			246					
11							f SAND w/little clay, trace silt	
12			23			95%		
13								
14								
15								
16								

Soil Air Water
Environmental Services, Inc.
Macedon, NY 14502

Soil Boring Log

DATE	WEATHER	TEMP
12/12/07	cloudy	30 F°

Hole No. B-11 Auger

Grd. Elev. Core Size

Project: Toms Mobil

Location: 20 east of B-7

Sample Location B-11

Depth of Sample	Sample No.	Blows On Sampler 0/6 6/12	P.I.D. Reading	Moisture	Color	Sample Recovery	Classification of materials drilled	Other Data
1				dry			Asphalt Base & Concrete	
2					mixed		Brick Chunks	
3					Br		SILT	
4			0			50%		
5								
6			400		mar		SILT w/trace clay	
7								
8			141			90%		
9								
10			141					
11							f SAND w/trace clay	
12			3			100%		
13								
14								
15								
16								

Soil sample collected @ 6 feet below grade

Appendix C
Geoprobe Boring Soil Analysis

Tom's Mobil
267 South Main Street
Canandaigua, New York
Laboratory Analysis Results Comparison - Soil

Benzene	22.6	ND<983	ND<1380	ND<1010	ND<58.6	60
n-Butylbenzene	ND<44.8	ND<4920	ND<6880	ND<5030	ND<293	10,000
sec-Butylbenzene	12.9	ND<983	1,520.0	ND<1010	ND<58.6	10,000
tert-Butylbenzene	ND<22.4	ND<2460	ND<3440	ND<2520	ND<147	10,000
Ethylbenzene	18.3	**9,380.0**	**25,000.0**	1,950.0	206.0	5,500
n-Propylbenzene	226.0	**6,130.0**	**12,400.0**	1,150.0	315.0	3,700
Isopropylbenzene	56.3	ND<4920	ND<6880	ND<5030	ND<293	2,300
p-Isopropyltoluene	ND<44.8	ND<4920	ND<6880	ND<5030	ND<293	10,000
Naphthalene	23.6	4,960.0	10,100.0	ND<2520	440.0	13,000
Toluene	43.1	ND<983	ND<1380	ND<1010	ND<58.6	1,500
1,2,4-Trimethylbenzene	ND<8.96	ND<983	ND<1380	7,990.0	ND<58.6	10,000
1,3,5-Trimethylbenzene	ND<8.96	ND<983	ND<1380	1,390.0	60.0	3,300
m,p-Xylene	26.2	ND<983	ND<1380	**2,570.0**	ND<58.6	1,200 (Mixed)
o-Xylene	ND<8.96	ND<983	ND<1380	ND<1010	ND<58.6	
MTBE	ND<8.96	ND<983	ND<1380	ND<1010	ND<58.6	120
Total 8021	429.0	**20,470.0**	**49,020.0**	**15,050.0**	1,021.0	

ND<xx.xx = Not Detected, xx.xx = Detection Limit

Bold indicates concentration above TAGM 4046 Recommended Soil Cleanup Objectives

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site: Toms Mobil
Client Job Number: 27163
Field Location: B-2 @ 12
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 07-4564
Lab Sample Number: 15013

Date Sampled: 12/12/2007
Date Received: 12/13/2007
Date Analyzed: 12/18/2007

Aromatics	Results in ug / Kg
Benzene	22.6
n-Butylbenzene	ND< 44.8
sec-Butylbenzene	12.9
tert-Butylbenzene	ND< 22.4
Ethylbenzene	18.3
n-Propylbenzene	226
Isopropylbenzene	56.3
p-Isopropyltoluene	ND< 44.8
Naphthalene	23.6
Toluene	43.1
1,2,4-Trimethylbenzene	ND< 8.96
1,3,5-Trimethylbenzene	ND< 8.96
m,p-Xylene	26.2
o-Xylene	ND< 8.96
Miscellaneous	
Methyl tert-butyl Ether	ND< 8.96

ELAP Number 10958 Method: EPA 8260B Data File: V52699.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site: Toms Mobil
Client Job Number: 27163
Field Location: B-5 @ 9
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 07-4564
Lab Sample Number: 15015

Date Sampled: 12/12/2007
Date Received: 12/13/2007
Date Analyzed: 12/19/2007

Aromatics	Results in ug / Kg
Benzene	ND< 983
n-Butylbenzene	ND< 4,920
sec-Butylbenzene	ND< 983
tert-Butylbenzene	ND< 2,460
Ethylbenzene	9,380
n-Propylbenzene	6,130
Isopropylbenzene	ND< 4,920
p-Isopropyltoluene	ND< 4,920
Naphthalene	4,960
Toluene	ND< 983
1,2,4-Trimethylbenzene	ND< 983
1,3,5-Trimethylbenzene	ND< 983
m,p-Xylene	ND< 983
o-Xylene	ND< 983
Miscellaneous	
Methyl tert-butyl Ether	ND< 983

ELAP Number 10958 Method: EPA 8260B Data File: V52735.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site: Toms Mobil
Client Job Number: 27163
Field Location: B-7 @ 5
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 07-4564
Lab Sample Number: 15012

Date Sampled: 12/12/2007
Date Received: 12/13/2007
Date Analyzed: 12/18/2007

Aromatics	Results in ug / Kg
Benzene	ND< 1,380
n-Butylbenzene	ND< 6,880
sec-Butylbenzene	1,520
tert-Butylbenzene	ND< 3,440
Ethylbenzene	25,000
n-Propylbenzene	12,400
Isopropylbenzene	ND< 6,880
p-Isopropyltoluene	ND< 6,880
Naphthalene	10,100
Toluene	ND< 1,380
1,2,4-Trimethylbenzene	ND< 1,380
1,3,5-Trimethylbenzene	ND< 1,380
m,p-Xylene	ND< 1,380
o-Xylene	ND< 1,380
Miscellaneous	
Methyl tert-butyl Ether	ND< 1,380

ELAP Number 10958 Method: EPA 8260B Data File: V52733.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Toms Mobil	**Lab Project Number:**	07-4564
		Lab Sample Number:	15014
Client Job Number:	27163		
Field Location:	B-9 @ 8	**Date Sampled:**	12/12/2007
Field ID Number:	N/A	**Date Received:**	12/13/2007
Sample Type:	Soil	**Date Analyzed:**	12/19/2007

Aromatics	Results in ug / Kg
Benzene	ND< 1,010
n-Butylbenzene	ND< 5,030
sec-Butylbenzene	ND< 1,010
tert-Butylbenzene	ND< 2,520
Ethylbenzene	1,950
n-Propylbenzene	1,150
Isopropylbenzene	ND< 5,030
p-Isopropyltoluene	ND< 5,030
Naphthalene	ND< 2,520
Toluene	ND< 1,010
1,2,4-Trimethylbenzene	7,990
1,3,5-Trimethylbenzene	1,390
m,p-Xylene	2,570
o-Xylene	ND< 1,010
Miscellaneous	
Methyl tert-butyl Ether	ND< 1,010

ELAP Number 10958 Method: EPA 8260B Data File: V52734.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Toms Mobil	**Lab Project Number:**	07-4564
		Lab Sample Number:	15016
Client Job Number:	27163		
Field Location:	B-11 @ 6	**Date Sampled:**	12/12/2007
Field ID Number:	N/A	**Date Received:**	12/13/2007
Sample Type:	Soil	**Date Analyzed:**	12/18/2007

Aromatics	Results in ug / Kg
Benzene	ND< 58.6
n-Butylbenzene	ND< 293
sec-Butylbenzene	ND< 58.6
tert-Butylbenzene	ND< 147
Ethylbenzene	206
n-Propylbenzene	315
Isopropylbenzene	ND< 293
p-Isopropyltoluene	ND< 293
Naphthalene	440
Toluene	ND< 58.6
1,2,4-Trimethylbenzene	ND< 58.6
1,3,5-Trimethylbenzene	60.0
m,p-Xylene	ND< 58.6
o-Xylene	ND< 58.6
Miscellaneous	
Methyl tert-butyl Ether	ND< 58.6

ELAP Number 10958 Method: EPA 8260B Data File: V52702.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO
COMPANY: SAW Environmental
ADDRESS: 672 Frey Road
CITY: Macedon STATE: NY ZIP: 14502
PHONE: 315-986-4751 FAX: 315-986-8274
ATTN: Jon HeerKens
COMMENTS:

INVOICE TO
COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 07-4564
CLIENT PROJECT #: 27 163
TURNAROUND TIME: (WORKING DAYS)
STD ☒ 5 OTHER ☐ (☐ 1 ☐ 2 ☐ 3)
QUOTE #:

PROJECT NAME/SITE NAME: Toms Mobil

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	12-12-07			X	B-7 @ 5	Soil	1	X		15012
2	12-12-07			X	B-2 @ 12	"	1	X		15013
3	12-12-07			X	B-9 @ 8	"	1	X		15014
4	12-12-07			X	B-5 @ 9	"	1	X		15015
5	12/12/07			X	B-11 @ 6	"	1	X	Bll @6 not on COC but jar rec'd at lab - per JH 12/13, add to COC EAH 12/13	15016
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

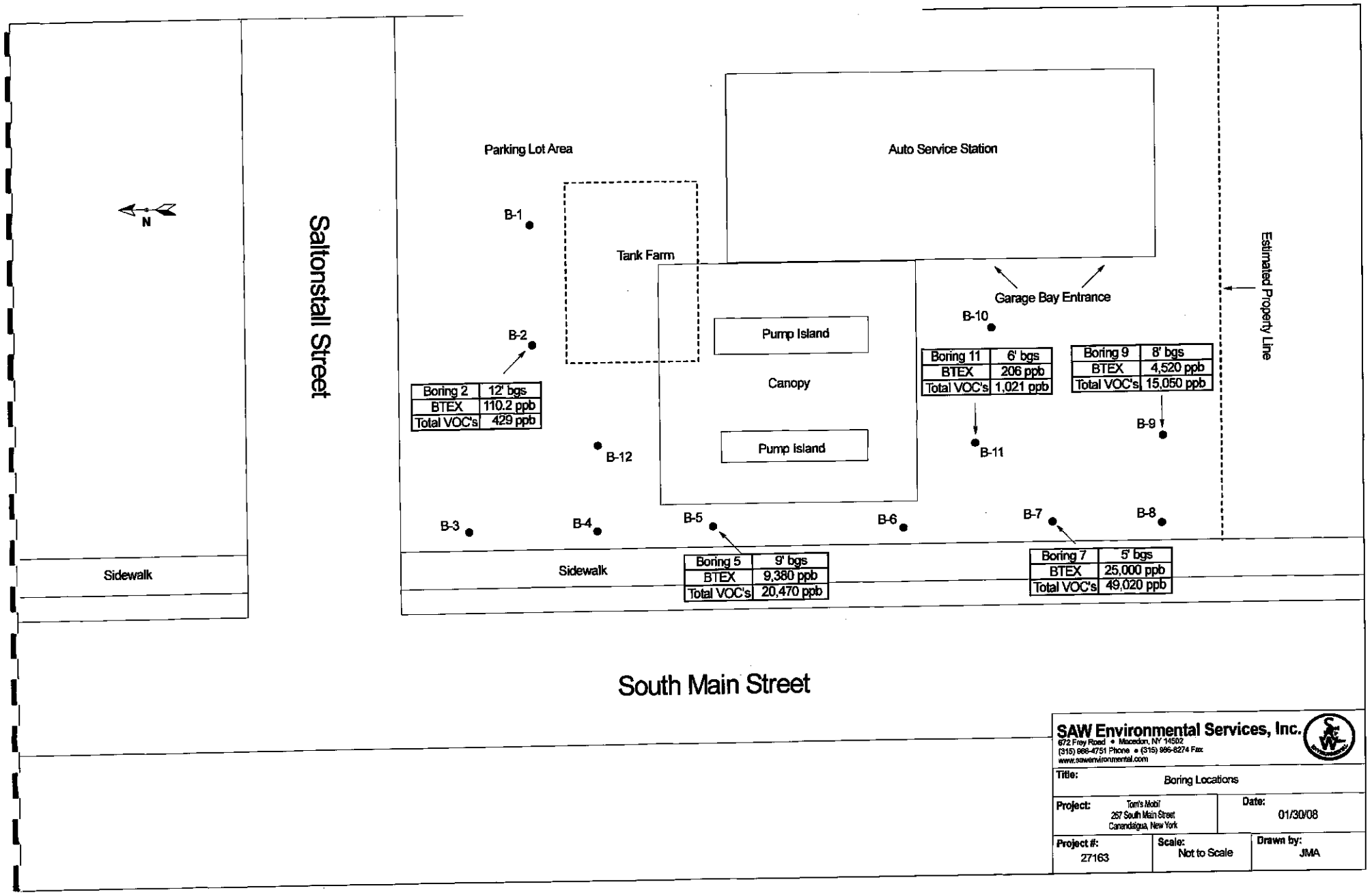
Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type: Comments:	Y ☒ N ☐
Preservation: Comments:	Y ☒ N ☐
Holding Time: Comments:	Y ☒ N ☐
Temperature: 17°C Comments:	Y ☐ N ☒

Sampled By: [signature] 12/12/07 Date/Time
Relinquished By: [signature] 12/13/07 12:30 Date/Time
Received By: [signature] 12/13/07 12:30 Date/Time
Received @ Lab By: Elizabeth A. Honch 12/13/07 1325 Date/Time

Total Cost:
P.I.F.

Appendix D
Boring Location Map



SAW Environmental Services, Inc.
672 Frey Road • Macedon, NY 14502
(315) 986-4751 Phone • (315) 986-8274 Fax
www.sawenvironmental.com

Title: Boring Locations		
Project: Tom's Mobil, 267 South Main Street, Canandaigua, New York		Date: 01/30/08
Project #: 27163	Scale: Not to Scale	Drawn by: JMA

2. **Remediation Action Plan completed by Soil, Air and Water Environmental Services, Inc. dated April 1, 2009**

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
Bureau of Technical Support
6274 East Avon-Lima Road, Avon, New York 14414-9519
Phone: (585) 226-2466 • **Fax:** (585) 226-8139
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

December 18, 2009

Mr. Jon Heerkens
SAW Environmental
672 Frey Road
Macedon, New York 14502

RE: Tom's Mobil
Canandaigua (T), Ontario County
Spill No. 0908882

Dear Mr. Heerkens:

The New York State Department of Environmental Conservation (the Department) has received and the reviewed the December 2009 Remedial Action Plan (RAP) and Amended Corrective Action Schedule (CAS) for the above-referenced site. Please note the spill number for this site should be 0908882, not the former spill No. 0751213 referenced on the RAP.

The Department approves the RAP and Amended CAS with the following condition. The three Vapor Extraction Systems (VES) currently operating at the site must remain in operation until the completion of the RAP. Continued recovery of free gasoline from the on-site monitoring wells must be maintained until the approved RAP is initiated.

The Amended CAS will be made part of the current Stipulation Agreement. Should you have any questions regarding this matter, you may contact me at the above address or by telephone at (585) 226-5432.

Sincerely,

Carl A. Hettenbaugh

Carl A. Hettenbaugh
Environmental Program Specialist 1
Division of Environmental Remediation

Soil
Air
Water Environmental Services, Inc.

April 1, 2009

Mr. Carl Hettenbaugh
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Re: Remediation Action Plan
Toms Mobil
267 South Main Street
Canandaigua, New York
NYSDEC Spill # 0751213

Dear Mr. Hettenbaugh:

SAW Environmental Services, Inc. (SAW) is pleased to present this Remediation Action Plan (RAP) for your review. SAW has prepared this document as a general guide to proposed remediation activities at the above referenced site. This RAP is based on SAW's Phase II Environmental Investigation dated January 31, 2008.

Introduction

This RAP is intended to address gasoline-contaminated soil and groundwater located at the above referenced property. Gasoline impacted soil is located around the former and current pump island area located on the southwestern area of the parcel.

Proposed remediation activities include the following:

- Installation of a sub slab vapor extraction system (SVES) **(completed October 2008)**
- Installation of three (3) groundwater monitoring wells and collection of groundwater quality data;
- In-situ remediation of the balance of the site with an oxygen releasing compound and cultured microorganisms.

Installation of the SVES System

Based upon the findings of the Phase II Investigation, an estimated 400 cubic yards of non-hazardous petroleum contaminated soils are present on the southwestern area of the site at approximately 2 to 9ft below grade surface. (bgs).

In October 2008, SAW personnel installed approximately 40ft of 4" horizontal 10-slot PVC piping at 3ft bgs at the western and southern end of the current pump island. (see site map attached as **Appendix A.)**

672 Frey Road, Macedon N.Y. 14502
Tel: (315) 986-4751 • Fax: (315) 986-8274
www.sawenvironmental.com

The piping trenches were backfilled with pea stone to 1ft bgs and covered with 6-mil polyethylene sheeting. The remaining 1ft of trench area was brought to normal grade utilizing clean native soils and tamped.

The piping was attached to solid 2"pvc at the western end of the pump island and run horizontally under the concrete pad in between the western gasoline pumps. At that location the PVC was brought above grade and run vertically up the support pillar of the pump canopy. The piping was connected to a 110hp regenerative blower located on the top of the stations pump island canopy and the discharge elevation is approximately 20ft above grade.

During installation of the SVES system gasoline impacted soils were encountered in the excavated trenches. Soil was transported to a staging area where it was placed on 6-mil polyethylene sheeting and covered pending profile and disposal into a Class D Landfill. On October 29th, 2008, 32.02 tons of impacted staged soils, pre approved into Ontario County Landfill, were directly loaded into Kimball tri-axle dumps and transported for disposal.

Monitoring Well Installation/Sampling

An estimated three (3) groundwater monitoring wells will be installed at the site to assess and monitor groundwater quality and determine groundwater flow direction and gradient. Wells will be constructed of 2-inch Sch 40 flush-joint PVC with machine-slotted screens and will be installed to a depth of approximately 10 to 15 feet below site grade. The wells will be completed at the surface with flush-mount protective casings. Wells will be surveyed to a common elevation and groundwater flow direction and gradient will be calculated.

Subsequent to development the wells will be sampled. Groundwater samples will be submitted to a laboratory and analyzed for volatile organic compounds by EPA Method 8260 (STARS list compounds). A water quality meter equipped with a flow-through cell will be utilized to continuously monitor pH, specific conductivity, turbidity, dissolved oxygen, temperature and oxygen reduction potential during sampling. In addition, slug tests will be performed on the wells to determine hydraulic conductivity.

Groundwater analysis, water quality data and conductivity data collected from the wells will be utilized to determine the proper quantities and application rates of oxygen releasing compounds and cultured microorganisms discussed below.

In-Situ Remediation

The balance of impacted soil and groundwater at the site will be treated by injection of FMC PermeOx® Plus time release calcium peroxide solution to promote bacterial degradation of petroleum compounds. It is anticipated that approximately 500 pounds of PermeOx® Plus will be applied at the site. The material will be mixed into a slurry and injected into the subsurface utilizing a Geoprobe® and high-pressure grout pump. Actual quantity and application rate will be determined based upon the findings of groundwater characterization.

The current organic content of soils in the impacted area is unknown. Dependent upon observed conditions during excavation and installation of monitoring wells, cultured petroleum degrading microorganisms (e.g., PHase iii, Inc. PDM-7® or equivalent) may be applied.

Monitoring & Reporting

Groundwater monitoring wells will be sampled on a quarterly basis to monitor degradation of petroleum compounds at the site. Water quality data will be collected in the field and samples will be submitted to a laboratory for analysis of volatile organic compounds by EPA Method 8260 (STARS list compounds). Quarterly reports will be prepared and submitted to the Department for review and comment.

Please feel free to contact our office if you have any questions or comments regarding this project.

Respectfully submitted,
S.A.W. ENVIRONMENTAL SERVICES, INC.

Jon F. Heerkens
Geologist/Project Manager

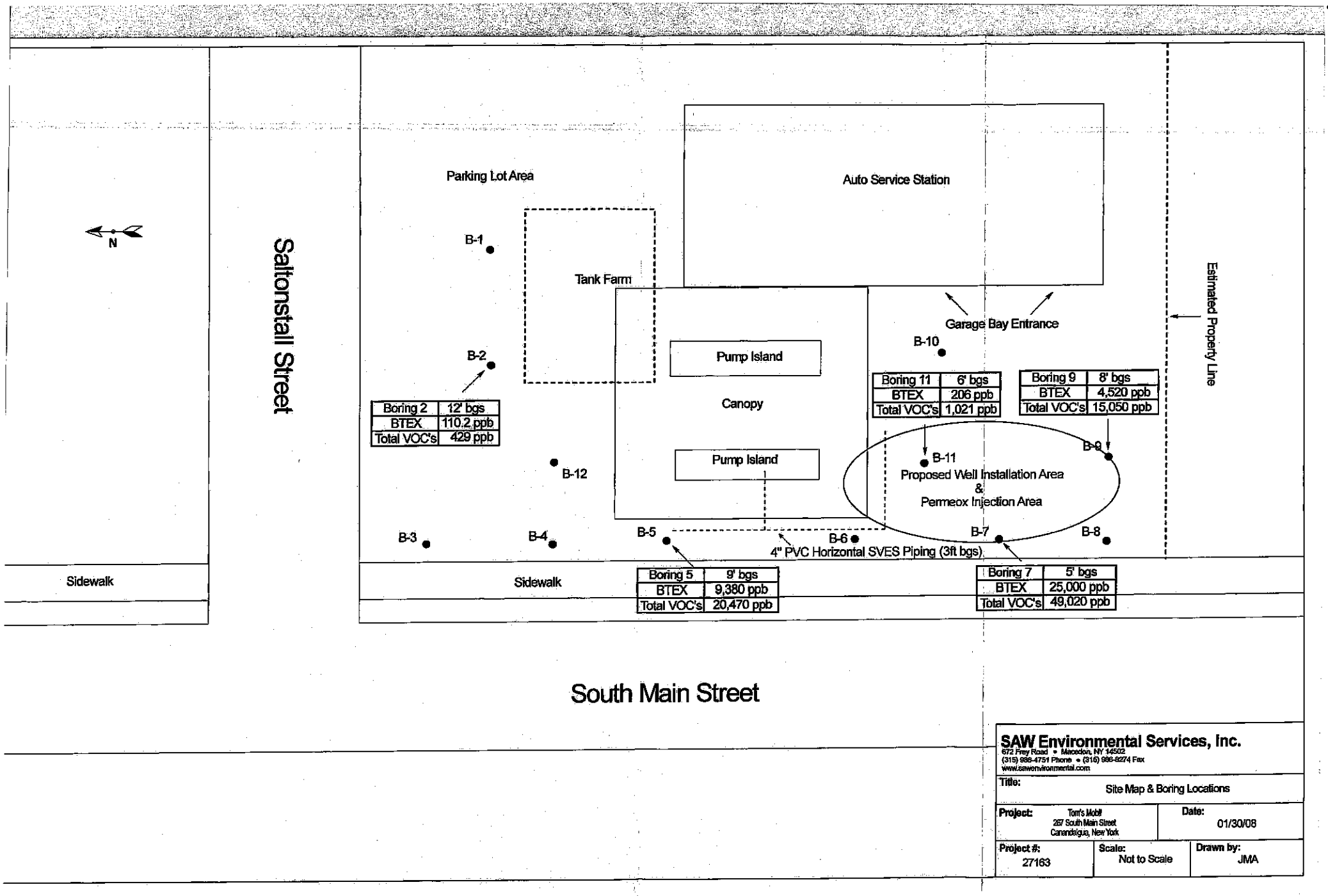
JMA / jfh

Attachments:
Appendix A - Site Map

c.c. Tom Schaeffer, Tom's Mobil

Appendix A

Site Map



SAW Environmental Services, Inc.
672 Frey Road • Macedon, NY 14502
(315) 986-4751 Phone • (315) 986-9274 Fax
www.sawenvironmental.com

Title: Site Map & Boring Locations		
Project: Tom's Mobil, 257 South Main Street, Canandaigua, New York		Date: 01/30/08
Project #: 27163	Scale: Not to Scale	Drawn by: JMA

3. Remediation Activity Report completed by Soil, Air and Water Environmental Services, Inc. dated April 2010

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
Bureau of Technical Support
6274 East Avon-Lima Road, Avon, New York 14414-9519
Phone: (585) 226-2466 • **Fax:** (585) 226-8139
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

April 21, 2010

Mr. Tom Schaeffer
Tom's Mobil
267 South Main Street
Canandaigua, New York 14424

RE: Tom's Mobil
Canandaigua (City), Ontario County
Spill No. 0908882

Dear Mr. Schaeffer:

The New York State Department of Environmental Conservation (the Department) has received and reviewed the April 2010 Remediation Activity Report (RAR) prepared by SAW Environmental for your facility.

Based on review of the data, it appears the site has been stabilized. Remediation activities conducted since November 2009 have resulted in the removal of gasoline vapors from the sanitary sewers, free phase product from the groundwater, and the majority of impacted soils and groundwater. It appears that the potential of future on and off-site impacts from this spill have been substantially reduced.

The Department requires continuing operation of the tank field vapor extraction system (VES), ongoing monitoring of groundwater test wells, and continued efforts to reduce the dissolved phase groundwater impacts at the site. Please be advised that these remediation activities must continue to achieve site compliance with the Department's guidelines and standards and meets the requirements of the Stipulation Agreement you entered into with the Department

Should you have any questions regarding this matter, you may contact me at the above address or by telephone at (585) 226-5432.

Sincerely,

Carl A. Hettenbaugh

Carl A. Hettenbaugh
Environmental Program Specialist 1
Division of Environmental Remediation

cc: J. Heerkens, SAW Environmental

672 Frey Road, Macedon N.Y. 14502
Tel: (315) 986-4751 • Fax: (315) 986-8274
www.sawenvironmental.com

Remediation Activity Report

Site:

Tom's Mobil
267 South Main Street
Canandaigua, Ontario County, New York
NYSDEC Spill # 09-08882

Prepared For:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Prepared on Behalf of:

Tom's Mobil
267 South Main Street
Canandaigua, New York 14424

Prepared By:

SAW Environmental Services Inc.
672 Frey Road
Macedon, New York 14502
(315) 986-4751

April 2010

1.0 INTRODUCTION

SAW Environmental Services, Inc. (SAW) is pleased to present this Remediation Activity Report (RAR) for your review and comment. SAW has prepared this document to summarize work completed to date at Tom's Mobil, located at 267 South Main Street in the City of Canandaigua, Ontario County, New York.

This RAR addresses gasoline impacted soil and groundwater removed and/or treated at the site in the vicinity of the pump islands and underground storage tank (UST) location. The following scope of work pertains to gasoline impacted groundwater treatment performed by SAW during January 2010 to April 2010.

1.1 Site Background

The site is currently a retail gasoline station and car repair facility. The site is a registered NYSDEC Petroleum Bulk Storage (PBS) facility (PBS #8-495484). The site has three registered UST's. One double wall steel UST with a capacity of 15,000 gallons (gasoline) gasoline UST is currently out of service at the site. The remaining two double walled UST's, one with a capacity of 3,000 gallons (Diesel) and one with a capacity of 550 gallons (kerosene) are currently active. According to the PBS registration the tanks were installed in 1994 & 1989 respectively. The facility's PBS registration indicates that 3 former UST's have been removed from the site.

1.2 Prior Investigations

SAW conducted a phase two environmental investigation at the site in January 2008, petroleum impacted soils were encountered around the pump islands. The petroleum impacts appeared historical in nature. A work plan was presented to the property owner and limited remedial activities were commenced. Part of the work plan was the installation of a VES system around the southwest quadrant of the pump islands. Monitoring of the VES effluent resulted in the observation of elevated vapor readings. Discussion with the NYSDEC of the elevated vapor readings resulted in the November response to the site. It was on November 8, 2009 that a loss of 900 gallons of gasoline was discovered and reported.

SAW conducted a spill response and subsequent excavation of the Pump Island and tank farm area from November 2009 to January 2010. SAW's RAR, dated January 2010, is attached to this report as **Appendix A.**

2.0 Groundwater Treatment

2.1 Determining Source Area

SAW completed the excavation of the gasoline impacted soils in and around the Pump Island and Tank Farm January 2010. Post-excavation, SAW sampled the groundwater in a previously installed monitoring well (MW-4) for volatile organic compounds (VOC's) via EPA Method 8260 (STARS List Compounds). MW-4 is located on the western side of the tank farm and immediately north of the eastern pump island. MW-4 has been the primary pumping well to remove NAPL and grossly impacted groundwater from the tank pit and excavation area. Laboratory results of the groundwater from this well revealed an elevated level of VOC's in the groundwater. NAPL was initially detected in this well but has been removed.

SAW also sampled existing MW-1 for VOC analysis via Method EPA Method 8260 (STARS List Compounds). MW-1 is located approximately 20ft to the north and surficially down gradient of the tank pit well MW-4. Laboratory results were returned from MW-1 showing VOC impact at minimal levels.

Based on the data collected from MW-4 and MW-1, SAW concluded that the gasoline impacted groundwater was contained in and around the tank farm/pump island area which directly accessible by MW-4. SAW determined that MW-4 was the preferred point in which to pump impacted groundwater for treatment.

2.2 Groundwater Treatment

On February 11, 2010, SAW mobilized a vertical 6900-gallon poly above ground tank (AST) to the site. The tank was staged in the rear of the property inside the sites rear garage located on the eastern side of the property. Internal staging of the tank has allowed SAW to stage collected water without freezing during the winter months.

On February 24, 2010, utilizing a vacuum truck, SAW pumped 6800 gallons of gasoline impacted groundwater from MW-4 and transferred it to the poly AST. Post water transfer, a 110 hp Regenerative blower was connected to the AST via 2" PVC to conduct air sparging of the staged water. The system was operated for approximately 10 days.

On March 12, 2010 SAW sampled the staged water for laboratory analysis via EPA Method 8260 (STARS List Compounds). Results were returned indicating that the VOC content of the groundwater was within acceptable limits for disposal into Canandaigua Wastewater Treatment Plant (CWTP). Subsequently SAW profiled the water for disposal into CWTP.

On March 19, 2010, SAW mobilized a vacuum truck to the site. The 6800 gallons of groundwater contained in the poly AST was transferred to the vacuum truck and transported to CWTP and disposed of. Post groundwater disposal, SAW pumped an additional 6800 gallons of impacted groundwater from MW-4 and refilled the Poly AST. The regenerative blower was reinstalled and the air sparging of the pumped groundwater was repeated.

On March 31, 2010 the groundwater in the poly AST was sampled for VOC's via EPA Method 8260 (STARS List Compounds). Results are pending and upon receipt SAW will repeat the disposal procedure and transport the staged water to CWTP for disposal.

Since the initial gasoline spill of 900 gallons that occurred on November 8, 2009, SAW has pumped, treated and disposed of approximately 27,000 gallons of gasoline impacted groundwater and 700 gallons of product from the site, a majority which was collected from MW-4.

2.3 Post Treatment

On March 22, 2010, SAW re-sampled MW-1 and MW-4 for VOC's via EPA Method 8260 (STARS List Compounds). Results were returned indicating that impacted groundwater still exists in MW-4, and the impacted groundwater has not migrated to MW-1 which once again verifies the cohesive and restrictive nature of the soils in preventing migration. With the usage of the vac-truck and miscellaneous sorbents, there has been no recharge of NAPL since the start of the last two hi-vac evolutions.

The analytical results for MW-4 and MW-1 are itemized in the table on the following page:

Groundwater Analytical Results
Tom's Mobil – 267 South Main Street – Canandaigua, New York

	Sample Locations					TOGS 1.1.1 Groundwater Cleanup Standards
	MW-1		MW-4			
Compound	1/21/10	3/22/10	1/21/10	2/25/10	3/22/10	
Benzene	**8.49**	**3.80**	**7,650**	**6,250**	**8,970**	0.7
n-Butylbenzene	ND	ND	ND	ND	ND	5
sec-Butylbenzene	ND	ND	ND	ND	ND	5
tert-Butylbenzene	ND	ND	ND	ND	ND	5
Ethylbenzene	ND	ND	**1,550**	**1,740**	**4,900**	5
n-Propylbenzene	ND	ND	ND	ND	ND	5
Isopropylbenzene	ND	ND	ND	ND	ND	5
p-Isopropyltoluene	ND	ND	ND	ND	ND	5
Naphthalene	ND	ND	ND	ND	ND	10
Toluene	5.25	3.38	**22,300**	**21,600**	**46,100**	5
1,2,4-Trimethylbenzene	ND	ND	**664**	**1,410**	**2,990**	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	5
m,p-Xylene	ND	ND	**3,050**	**8,290**	**18,300**	5
o-Xylene	ND	ND	**2,900**	**3,980**	**8,320**	5
MTBE	ND	ND	ND	ND	ND	50
Total 8260 STARS	**13.74**	**7.18**	**38,114**	**43,270**	**89,580**	

Bold Type Indicates Compounds That Exceed Regulatory Guidelines

Analytical Results with the Chains of Custody is attached to this report as **Appendix B.**

3.0 SUMMARY OF SVES OPERATION (TANK PIT)

A gasoline tank pit SVES system has been in operation shortly after the sites remedial activities began, SAW utilized existing VES piping that was installed in 1994. During the course of the 6 month remediation period, SAW has collected stack readings of the VES effluent from the tank pit VES at various intervals. Effluent was screened for volatile compounds in the field utilizing a 2000 Mini-Rae Photo-ionization Detector with a 10v Lamp (PID). Detections observed during this time frame are itemized in the table below:

PID Readings – SVES Gasoline Tank Farm Stack
Tom's Mobil – 267 South Main Street – Canandaigua, New York

DATE	11/2009	12/2009	1/2010	2/2010	3/2010	4/2010	
Reading PPM	>4,000	>3,000	2,200	850	350		

PPM = Parts Per Million

4.0 FUTURE SITE WORK

As per the Stipulation Agreement the following work shall be completed in the future.

- Removal of soils above the TAGM 4046 guidelines. There appears to be some limited soil impacts that appear above the TAGM guidelines, however these soils are historic in impact and do not appear to be contributing to the elevated groundwater contaminant concentrations. The soils shall be addressed when site restoration activities are conducted.
- Continuing the operation of the tank pit VES system. This system is very effective due to the granular nature of the tank pit pea stone backfill.
- Pump and treatment of the tank pit groundwater. By utilizing MW-4 as the pumping well the groundwater is essentially drawn back into the source area and the excavation base grade allows for the removal of the trapped groundwater that may be present in the excavated areas, SAW has theorized that the increase in the dissolved concentrations is due because when the pumping of groundwater from MW-4 is conducted it will draw trapped excavation water into the tank pit area. Additional pumping should be successful in removing the elevated dissolved fraction.
- Installation of two additional test wells, although the native soils at the site are very tight and cohesive and have been very restrictive to groundwater migration, SAW shall install these two monitoring points to confirm groundwater flow and contaminant distribution for eventual site inactivation.

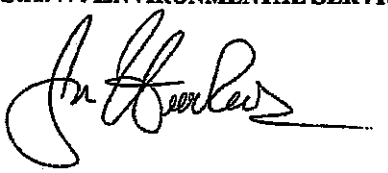
5.0 CONCLUSION:

The remedial efforts conducted at the site have resulted in the removal of a substantial amount of impacted soil & groundwater. All known NAPL, the contaminate source and conduit of vapors which affected the public sanitary sewer system have been removed.

The site is currently being remediated with impacted groundwater treatment/disposal and vapor removal. Both technologies appear successful in restricting the VOC based contaminants from migrating off-site. SAW estimates that two (2) additional pumping and treatment evolutions should be necessary to remove the grossly impacted groundwater that is above the disposal facilities approval thresholds. Upon meeting those guidelines any future pumping evolutions shall be composed of direct pumping, transportation and disposal. Additionally, when the summer season approaches, the VES system should have increased effectiveness due to a lower groundwater table elevation.

Please feel free to contact our office if you have any questions or comments regarding this project.

Respectfully submitted,
S.A.W. ENVIRONMENTAL SERVICES, INC.



Jon F. Heerkens
Project Manager

JFH/jma
C.c. Tom Scheaffer – Toms Mobil

Appendix A

January 2010 RAR

Soil
Air
Water Environmental Services, Inc.

Remediation Activity Report

Site:

Tom's Mobil
267 South Main Street
Canandaigua, Ontario County, New York
NYSDEC Spill # 09-08882

Prepared For:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Prepared on Behalf of:

Tom's Mobil
267 South Main Street
Canandaigua, New York 14424

Prepared By:

SAW Environmental Services Inc.
674 Frey Road
Macedon, New York 14502
(315) 986-4751

January 2010

1.0 INTRODUCTION

SAW Environmental Services, Inc. (SAW) is pleased to present this Remediation Activity Report (RAR) for your review and comment. SAW has prepared this document to summarize work completed to date at Tom's Mobil, located at 267 South Main Street in the City of Canandaigua, Ontario County, New York.

This RAR addresses gasoline impacted soil and groundwater removed and/or treated at the site in the vicinity of the pump islands and underground storage tank (UST) location. The following scope of work pertains to the emergency spill response and resulting cleanup performed by SAW during November 2009 to January 2010.

1.1 Site Background

The site is currently a retail gasoline station and car repair facility. The site is a registered NYSDEC Petroleum Bulk Storage (PBS) facility (PBS #8-495484). The site has three registered UST's. One double wall steel UST with a capacity of 15,000 gallons (gasoline) gasoline UST is currently out of service at the site. The remaining two double walled UST's, one with a capacity of 3,000 gallons (Diesel) and one with a capacity of 550 gallons (kerosene) are currently active. According to the PBS registration the tanks were installed in 1994 & 1989 respectively. The facility's PBS registration indicates that 3 former UST's have been removed from the site.

1.2 Prior Investigations

SAW conducted a phase two environmental investigation at the site in January 2008, petroleum impacted soils were encountered around the pump islands. The petroleum impacts appeared historical in nature. A work plan was presented to the property owner and limited remedial activities were commenced. Part of the work plan was the installation of a VES system around the southwest quadrant of the pump islands. Monitoring of the VES effluent resulted in the observation of elevated vapor readings. Discussion with the NYSDEC of the elevated vapor readings resulted in the November response to the site. It was on November 8, 2009 that a loss of 900 gallons of gasoline was discovered and reported.

2.0 SITE WORK

2.1 Initial Spill Response

The following work was completed:

November 8-13, 2009 – Gasoline Vapors Detected in Sewer Main North of Property

- SAW mobilizes vac-truck to site and pumps 5,966 gallons of gasoline and water from the NW monitoring well located at the tank farm;
- 5,966 gallons of gasoline and water is transported to Industrial Oil & Tank Service located in Oriskany NY and disposed of;
- SAW exposes the buildings sanitary sewer and connects a 120hsp regenerative blower to the pipe. Gasoline vapors are removed from the sanitary system and vented to the atmosphere through a 2" PVC discharge pipe located in the rear of the site at approximately 15ft above grade;
- SAW excavates gasoline impacted soil on the western side of the tank farm and northern side of the pump island;

- SAW breaks up concrete pad at pump island and begins excavation on western side of pump island;
- Concrete from pump island is staged at northwest corner of property to be later used as backfill;
- 176.12 tons of gasoline impacted soil is transported to Ontario County Landfill, located in Stanley NY, where it is disposed of.

Vac-truck disposal manifests are attached to this report as **Appendix A.**

Landfill disposal manifests are attached to this report as **Appendix B.**

A photo log of the excavation is attached to this report as **Appendix C.**

2.2 Continued Excavation of Pump Island Area

The following site work was completed:

November 16-30, 2009

- SAW dismantles the sites pump island and removes the four (4) gasoline pump dispensers from the site;
- Underground feed lines for the gasoline dispensers connecting to the tank farm are drained and removed;
- Remaining concrete pad located in the pump island area was broken out and staged in northwest corner;
- Gasoline impacted soil is excavated from the pump island canopy area to an average depth of 8ft below grade surface (bgs);
- 179.41 tons of gasoline impacted soil is excavated from the pump island area, loaded into 20 yard roll-offs and transported to Ontario County Landfill, where it is disposed of;
- Excavation is backfilled with recycled concrete gravel and returned to a rough grade.

Landfill disposal manifests are attached to this report as **Appendix B.**

A site excavation map showing the excavation limits is attached to this report as **Appendix D.**

2.3 Continued Excavation of Northern & Western Property

The following site work was completed:

December 10, 2009 – January 5, 2010

- SAW submits a Remediation Action Plan to the NYSDEC for additional excavation and treatment of gasoline impacted soils on the site. Plan is accepted by the NYSDEC on December 18, 2009.
- SAW stages a 1,000 gallon Above Ground Storage Tank (AST) on the property and continues pumping gasoline contaminated water from the monitoring well located on the northern side of the pump island.
- SAW excavates the northern property area west to the tank farm, east to Main Street and north to Saltonstall Street to a depth of 8ft bgs;

- SAW excavates between the pump island and Main Street on the western edge of the property to a depth of 6ft bgs;
- SAW excavates between the pump island and the Service Station on the eastern side of the property to a depth of 6ft bgs;
- 471.95 tons of gasoline impacted soil is transported to Ontario County Landfill where it is disposed of;
- During the excavation, SAW mobilizes a vac-truck to the site to pump gasoline impacted groundwater from the excavation;
- 7,376 gallons of gasoline impacted water is pumped from the excavation and the 1,000 gallon AST. Liquids are transported to Industrial Oil & Tank Service and disposed of;
- Approximately 700 gallons of free phase gasoline (NAPL) was recovered from the site;
- Excavation is backfilled with approximately 500 tons of recycled concrete gravel and returned to a rough grade;
- SAW repairs the sanitary lateral located on the northern side of the property and buries it 3ft bgs;
- SAW installs a recovery well on the eastern edge of the tank pit utilizing 6" corrugated PVC. Well is advanced to a depth of 6ft bgs;
- During non-remedial activities, passive NAPL removal was conducted with Peatwicks in two of the wells.

Vac-truck disposal manifests are attached to this report as **Appendix A.**

Landfill disposal manifests are attached to this report as **Appendix B.**

A site excavation map showing the excavation limits is attached to this report as **Appendix D.**

3.0 CONFIRMATORY SAMPLING OF THE SITE

3.1 Analytical Sampling Location & Protocols

Post excavation of the northern, eastern and western edges of the site, SAW collected confirmatory soil samples in the excavation in order to determine residual levels of volatile organic compounds (VOC's) left in the excavation perimeters and base.

A total of twelve (12) confirmatory samples were collected and submitted to Paradigm Environmental Services under standard chain of custody were the samples were analyzed for VOC's via EPA Method 8260 (STARS List Compounds).

A site excavation map showing the soil sample locations is attached to this report as **Appendix D.**

3.2 Analytical Results

Laboratory results were returned containing multiple VOC detections. Results were compared to NYSDEC Tagm# 4046 Recommended Soil Cleanup Objectives and are itemized in the table below:

Post Excavation Confirmatory Samples
Tom's Mobil – 267 South Main Street – Canandaigua, New York

Compound													
Benzene	42.9	ND	ND	ND	ND	ND	ND	**345.0**	28.1	ND	**768.0**	19.8	60
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,260.0	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	713.0	22.9	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	262.0	14.0	ND	4,140.0	17.4	5,500
n-Propylbenzene	24.2	ND	ND	ND	ND	ND	ND	60.5	ND	ND	**6,560.0**	112.0	3,700
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,890.0**	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,090.0	ND	13,000
Toluene	ND	ND	ND	ND	ND	47.6	ND	**4,450.0**	411.0	32.8	**12,400.0**	125.0	1,500
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	14.7	ND	1,580.0	38.1	ND	7,270.0	23.4	10,000
1,3,5-Trimethylbenzene	22.8	ND	ND	14.5	ND	ND	ND	1,040.0	73.4	ND	2,820.0	ND	3,300
m,p-Xylene	20.4	ND	ND	ND	ND	20.1	ND	**2,460.0**	105.0	ND	**7,270.0**	40.3	1,200
o-Xylene	ND	ND	ND	11.0	ND	14.2	ND	**3,560.0**	406.0	ND	**7,500.0**	27.3	(Mixed)
MTBE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120
Total 8260 STARS	110.3	0.0	0.0	25.5	0.0	96.6	0.0	**13,757.5**	1,075.6	32.8	**55,681.0**	388.1	10,000

ND = Detection Limit

Bold indicates concentration above TAGM 4046 Recommended Soil Cleanup Objectives

Analytical Results & Chain of Custody is attached to this report as **Appendix E.**

3.3 Interpretation of Results

Based on the analytical results it was shown that residual VOC's reside in the base samples of the excavation, however results were detected below Tagm #4046 cleanup objectives. Remaining VOC's detected in the excavation were below Tagm #4046 cleanup objectives with the exception of:

- #11 Sidewall Sample
- #8 Sidewall Sample

These areas contained a total of eight (8) compounds detected above Tagm #4046 cleanup objectives.

SAW does not plan to excavate within the area of sample location #11 as additional excavation will enter the NYSDOT Right of Way. Continued excavation at #8 sample location is planned to be completed in Spring 2010.

3.4 Vapor extraction system

There are three (3) vapor extraction systems in operation at the during the remedial activities.

1. Southwest quadrant of pump islands
2. Sewer lateral
3. Gasoline tank pit

One of the systems (SW quadrant of pump island) was shut down and removed during excavation activities. The gasoline tank pit system is currently in operation. After the completion of the excavation, low levels of vapors have been encountered in the peastone. Monitoring of the effluent will continue on a monthly basis until vapor levels reach acceptable levels. SAW is in the process of requesting the shutdown of the sewer VES system.

4.0 FUTURE SITE WORK

The client has retained a pump and tank firm to reconstruct the sites gasoline dispensers and underground piping during Spring 2010. During this time SAW plans to complete the following site work:

- Continue excavation of the Northwest corner of the site to remove any additional impacted material;
- Complete removal of historical impacts in the Southwest area of the site;
- Excavate and dispose of any gasoline impacted soil located in the tank farm area;
- Pump and treat gasoline impacted groundwater at the site;
- Install groundwater monitoring wells.

This concludes site work completed by SAW during November 8, 2009 to January 5, 2010.

Please feel free to contact our office if you have any questions or comments regarding this project.

Respectfully submitted,
S.A.W. ENVIRONMENTAL SERVICES, INC.

Jon F. Heerkens
Project Manager

JFH/jma

C.c. Tom Scheaffer – Toms Mobil

Appendix A

Vac-Truck Disposal Manifests

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone 585.436.5660

4. Waste Tracking Number 09-390

5. Generator's Name and Mailing Address
TOM'S MOBIL
273 S. MAIN ST.
CANANDAIGUA NY 14424
Generator's Phone: 585 734 0735

Attn: JON HEERKENS @ SAW ENV

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC.

U.S. EPA ID Number
NYD986982220

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
INDUSTRIAL OIL TANK SERVICE CORP.
120 DRY RD.
ORISKANY NY 13204
Facility's Phone: 315 736 6080

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	UN1203, Gasoline Mixture, 3, PGII	001	TT	1839 FFF	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A. JOB #R3779

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Tom Schaeffer
Signature:
Month 11 Day 09 Year 09

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: THOMAS HENDERSON
Signature:
Month 11 Day 09 Year 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Brett D. Field
Signature:
Month 11 Day 12 Year 09

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLS-C 5 11979 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 585.436.5660

4. Waste Tracking Number: 09-387

GENERATOR

5. Generator's Name and Mailing Address
TOM'S MOBIL
273 S. MAIN ST.
CANANDAIGUA NY 14424
Generator's Phone: 585 734.0735

Attl: JON HEERKENS @ SAW ENV

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC.
U.S. EPA ID Number: NYDS890833229

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
INDUSTRIAL OIL TANK SERVICE CORP.
120 DRY RD.
ORISKANY NY 13204
Facility's Phone: 315 736.6993
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	UN1203, Gasoline Mixture, 3, PGII	001	TT	2546	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A. JOB #R3779

ERG # 128

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Tom Schaffer
Signature
Month 11 Day 09 Year 09

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS HENDERSON
Signature
Month 11 Day 09 Year 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Brett D. Field
Signature
Month 11 Day 11 Year 09

169-BLS-C 5 11979 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585.436.5660	09 - 388

GENERATOR

5. Generator's Name and Mailing Address
TOM YAETTEAU
62 MARSHALL ST
ROCHESTER NY 14607
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC.
U.S. EPA ID Number: NYD986983229

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
INDUSTRIAL OIL TANK SERVICE CORP.
120 DRY RD.
ORISKANY NY 13204
Facility's Phone: 315 736 6080
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT LIQUIDS, NOS (OIL/WATER)	001	TT	1SRI	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A. JOB #R3779

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: David Engst (Agent) Signature: [signature] Month: 11 Day: 09 Year: 09

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kevin Mikel Signature: [signature] Month: 11 Day: 9 Year: 09
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Brett D. Field Signature: [signature] Month: 11 Day: 09 Year: 09

169-BLS-C 5 11979 (Rev. 8/06) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585.436.5660	09 - 500

5. Generator's Name and Mailing Address
TOM'S MOBIL
273 S. MAIN ST.
CANANDAIGUA NY 14424
Attn: JON HEERKENS @ SAW ENV
Generator's Phone: 585 734.0735

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC
U.S. EPA ID Number: NYD986983229

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
INDUSTRIAL OIL TANK SERVICE CORP.
120 DRY RD.
ORISKANY NY 13204
Facility's Phone: 315 736.6080
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	UN1203, Gasoline Mixture, 3, PGII	001	TT	1640	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. JOB #R3779

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Lewis C. Green (ON BEHALF FOR) Signature: [signature] Month 12 Day 24 Year 09

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Brett Smith Signature: [signature] Month 12 Day 24 Year 09
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
5% SOLIDS SURCHARGE
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: JOHN HITCHINGS Signature: [signature] Month 12 Day 24 Year 09

169-BLS-C 5 11979 (Rev. 8/06) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585.436.5660	09 - 496

5. Generator's Name and Mailing Address
TOM'S MOBIL
273 S. MAIN ST.
CANANDAIGUA NY 14424
Generator's Phone: ~~585 734-0735~~

Attn: JON HEERKENS @ SAW ENV
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC.
U.S. EPA ID Number: NYR 0 0 0 0 3 2 2 9

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
INDUSTRIAL OIL TANK SERVICE CORP.
120 DRY RD.
ORISKANY NY 13204
Facility's Phone: ~~315 736-5080~~
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	UN1203, Gasoline Mixture, 3, PGII	001	TT	2846 ~~2500~~	G
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
A. JOB #R3779

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Lewis Green (ON BEHALF OF) Signature: [signature] Month: 12 Day: 30 Year: 09

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS HENDERSON Signature: [signature] Month: 12 Day: 30 Year: 09
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: FRANK WENZ Signature: [signature] Month: 12 Day: 30 Year: 09

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 585.436.5660

4. Waste Tracking Number: 09-432

5. Generator's Name and Mailing Address
TOM'S MOBIL
273 S. MAIN ST.
CANANDAIGUA NY 14424
Generator's Phone: 585 734.0735

Attl: JON HEERKENS @ SAW ENV

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC.
U.S. EPA ID Number: NYD986983229

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
INDUSTRIAL OIL TANK SERVICE CORP.
120 DRY RD.
ORISKANY NY 13204
Facility's Phone: 315 736.6080
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	UN1203. Gasoline Mixture, 3. PGII	001	TT	2890	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A. JOB #R3779

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Lewis Green (ON BEHALF OF)
Signature:
Month: 12 Day: 23 Year: 09

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: THOMAS HENDERSON
Signature: T. Thomas Henderson
Month: 12 Day: 28 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: FRANK WENZ
Signature: Frank Wenz
Month: 12 Day: 29 Year: 09

169-BLS-C 5 11979 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

Appendix B

Landfill Disposal Manifests

174.12 Tons
11/11 - 11/13

Driver's Signature

Driver's Signature

[illegible] ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 [illegible] 5&20
Stanley, NY 14561

TICKET: [illegible]
DATE: 11-13-2003
TIME: 09:31 10:07

CUSTOMER: [illegible] ENVIRONMENTAL SVC
HAULCUST: [illegible] NO: [illegible] APPROVAL #: [illegible] GROSS: [illegible] LBS
ORIGIN: [illegible] ONTARIO TARE: 27320 LBS
TRUCK: [illegible] TRAILER: NET: [illegible] LBS
GENERATOR: [illegible] PROFILE #: [illegible]
HAULER: [illegible] ROUTE: NA NOT APPLICABLE
COMMENT: [illegible] [illegible]

MATERIAL	QUANTITY	UNIT
[illegible] ALTERNATE DAILY COVER	[illegible]	[illegible]

I certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is acceptable for disposal at this facility.

Weighmaster: Driver:

IN: [illegible] OUT: [illegible]

[illegible] ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
[illegible]
Stanley, NY [illegible]

TICKET: [illegible]
DATE: [illegible]
TIME: [illegible]

CUSTOMER: [illegible] ENVIRONMENTAL [illegible]
HAULCUST: [illegible] APPROVAL #: [illegible] GROSS: [illegible] LBS
ORIGIN: [illegible] ONTARIO TARE: [illegible] LBS
TRUCK: [illegible] TRAILER: NET: [illegible] LBS
GENERATOR: [illegible] PROFILE #: [illegible]
HAULER: [illegible] ROUTE: NA NOT APPLICABLE
COMMENT: [illegible] [illegible]

MATERIAL	QUANTITY	UNIT
[illegible] ALTERNATE DAILY COVER	[illegible]	[illegible]

I certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is acceptable for disposal at this facility.

Weighmaster: Driver:

IN: [illegible] OUT: [illegible]

HEWS ME . ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 313804
DATE: 11 15/2003
TIME: 12:46 - 13:24

CUSTOMER: 1200197 - S&W ENVIRONMENTAL SVC
HAULCUST: WO: 0 APPROVAL #:
ORIGIN/CO: ONTARIO
TRUCK: AT23 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1773
HAULER: RIC PICIE LI ROUTE: NA NOT APPLICABLE
COMMENT: 1773

G.I.:
GROSS: 86480 LBS
TARE: 37040 LBS
NET: 49440 LBS
CELL TAG: 09

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	24.5100	ST

I certify under penalty of perjury, that I am familiar with wastes authorized at this facility, and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: HAND B: FOSCALE-OC OUT: HAND B: FOSCALE

HEWS ME . ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 313843
DATE: 11 15/2003
TIME: 1:35 - 13:51

CUSTOMER: 1200197 - S&W ENVIRONMENTAL SVC
HAULCUST: WO: 0 APPROVAL #:
ORIGIN/CO: ONTARIO
TRUCK: AT23 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1773
HAULER: RIC PICIE LI ROUTE: NA NOT APPLICABLE
COMMENT: 1773

G.I.:
GROSS: [illegible] LBS
TARE: 36760 LBS
NET: [illegible] LBS
CELL TAG: 09

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	25.3300	ST

I certify under penalty of perjury, that I am familiar with wastes authorized at this facility, and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: HAND B: FOSCALE-OC OUT: HAND B: FOSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 N.S Route 5&20
Stanley, NY 14561

TICKET: 321364
DATE: 11/20/2009
TIME: 15:21 - 15:57

CUSTOMER: LE00181 / SAW ENVIRONMENTAL SVC
HAULCOST: NO: 0 APPROVAL #:
ORIGIN: 00 / ONTARIO
TRUCK: RT423 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: apc1779

P.O.:
GROSS: 87980 LBS
TARE: 37580 LBS
NET: 50400 LBS
CELL/TANK: P5

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	25.2000	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
WeighMaster: Driver:

IN: Lisa B: PCSCALE-OC OUT: Lisa B: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 321325
DATE: 11/20/2009
TIME: 12:26 - 12:57

CUSTOMER: LE00181 / SAW ENVIRONMENTAL SVC
HAULCOST: NO: 0 APPROVAL #:
ORIGIN: 00 / ONTARIO
TRUCK: RIC220 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 1779

P.O.:
GROSS: 73420 LBS
TARE: 40060 LBS
NET: 33360 LBS
CELL/TANK: P5

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	16.6800	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
WeighMaster: Driver:

IN: NANCY B: PCSCALE-OC OUT: Lisa B: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 321296
DATE: 11/20/2009
TIME: 12:00 - 12:25

CUSTOMER: LE000181 / SAW ENVIRONMENTAL SVC P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 77700 LBS
ORIGIN: 00 / ONTARIO TARE: 38040 LBS
TRUCK: RICC28 TRAILER: NET: 39660 LBS
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 1779 CELL/TANK: PS

MATERIAL	QUANTITY	UNIT
9C / ALTERNATIVE DAILY COVER	19.8300	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: NANCY 0: PCSCALE-OC OUT: NANCY 2: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 321267
DATE: 11/20/2009
TIME: 10:41 - 11:02

CUSTOMER: LE000181 / SAW ENVIRONMENTAL SVC P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 67160 LBS
ORIGIN: 00 / ONTARIO TARE: 39200 LBS
TRUCK: RICC28 TRAILER: NET: 27960 LBS
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: RIC RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 1779 CELL TANK: PS

MATERIAL	QUANTITY	UNIT
9C / ALTERNATIVE DAILY COVER	13.9800	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: NANCY 8: PCSCALE-OC OUT: NANCY 8: PCSCALE-OC

NCMP NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 326799
DATE: 12/28/2009
TIME: 12:57 - 13:38

CUSTOMER: LE00101 / SAW ENVIRONMENTAL SVC
HAULCUST: NO: 0 APPROVAL #: P.O.:
ORIGIN: OO / ONTARIO
TRUCK: EK-11 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: app1779
CELL/TANK: 5F

GROSS: 75486 LBS
TARE: 27400 LBS
NET: 48086 LBS

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	24.2400	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmasters: Drivers:

IN: Lisa By: PCSCALE-OC OUT: Lisa By: PCSCALE-OC

471.95 tns excavated
Northern side, Western, & E&S

NCMP NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 326772
DATE: 12/28/2009
TIME: 11:15 - 11:39

CUSTOMER: LE00101 / SAW ENVIRONMENTAL SVC
HAULCUST: NO: 0 APPROVAL #: P.O.:
ORIGIN: OO / ONTARIO
TRUCK: EK-11 TRAILER:
GENERATOR: TM TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: APP1779 CELL/TANK: 5F

GROSS: 66720 LBS
TARE: 27360 LBS
NET: 39360 LBS

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	19.6800	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmasters: Drivers:

IN: Lisa By: PCSCALE-OC OUT: Lisa By: PCSCALE-OC

471.95 tns excavated
Northern, Western, E&S

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 326783
DATE: 12/28/2005
TIME: 11:30 - 12:09

CUSTOMER: LE00181 / SAW ENVIRONMENTAL SVC
HAULDUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: OC / ONTARIO
TRUCK: EX-A TRAILER:
GENERATOR: TN / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: APP1779

GROSS: 69660 LBS
TARE: 28260 LBS
NET: 41400 LBS
CELL/IAW: PS

MATERIAL	QUANTITY	UNIT
OC / ALTERNATIVE DAILY COVER	20.7000	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: _____ Driver: _____

IN: Lisa B: PCSCALE-OC OUT: Lisa B: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327153
DATE: 12/30/2005
TIME: 10:00 - 10:17

CUSTOMER: LE00181 / SAW ENVIRONMENTAL SVC
HAULDUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: OC / ONTARIO
TRUCK: EX-E TRAILER:
GENERATOR: TN / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: APP1779

GROSS: 67160 LBS
TARE: 28160 LBS
NET: 39000 LBS
CELL/IAW: PS

MATERIAL	QUANTITY	UNIT
OC / ALTERNATIVE DAILY COVER	19.5000	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: _____ Driver: _____

IN: Lisa B: PCSCALE-OC OUT: Lisa B: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327159
DATE: 12/30/2009
TIME: 10:24 - 10:43

CUSTOMER: LE00191 / SAW ENVIRONMENTAL SVC
HAULCUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: 00 / ONTARIO GROSS: 70100 LBS
TRUCK: SK-11 TRAILER: TARE: 27300 LBS
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779 NET: 42800 LBS
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: app1779 CELL/TANK: P5

MATERIAL	QUANTITY	UNIT
8C / ALTERNATIVE DAILY COVER	21.4000	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmasters: Driver:

IN: Lisa B: PCSCALE-OC OUT: Lisa B: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327189
DATE: 12/30/2009
TIME: 11:24 - 11:43

CUSTOMER: LE00191 / SAW ENVIRONMENTAL SVC P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 69820 LBS
ORIGIN: 00 / ONTARIO TARE: 27940 LBS
TRUCK: SK-5 TRAILER: NET: 41880 LBS
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: APP1779 CELL/TANK: P5

MATERIAL	QUANTITY	UNIT
8C / ALTERNATIVE DAILY COVER	18.9100	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmasters: Driver:

IN: Lisa B: PCSCALE-OC OUT: Lisa B: PCSCALE-OC

RJD

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327210
DATE: 12/30/2009
TIME: 12:25 - 12:43

CUSTOMER: LE0018: / SAW ENVIRONMENTAL SVC
HAULCUST: WO: @ APPROVAL #: P.O.:
ORIGIN: OO / ONTARIO
TRUCK: EK 11 TRAILER: GROSS: 75560 LBS
GENERATOR: TM - TOM'S MOBIL PROFILE #: 1779 TARE: 27300 LBS
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE NET: 48260 LBS
COMMENT: APP1779
CELL/TANK: F5

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	24.1300	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility, and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: Lisa B: PCSCALE-OC OUT: Lisa B: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327261
DATE: 12/30/2009
TIME: 14:14 - 14:43

CUSTOMER: LE0018: SAW ENVIRONMENTAL SVC
HAULCUST: WO: @ APPROVAL #: P.O.:
ORIGIN: OO ONTARIO
TRUCK: EK-11 TRAILER: GROSS: 58960 LBS
GENERATOR: TM - TOM'S MOBIL PROFILE #: 1779 TARE: 27220 LBS
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE NET: 31740 LBS
COMMENT: APP1779 CELL/TANK: F5

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	20.8700	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: Lisa B: PCSCALE-OC OUT: Lisa B: PCSCALE-OC

NEWS NE ONTARIO COUNTY LANDFILL
Division of Casella Waste Systems
2849 NYS Route 5&20
Stanley, NY 14561

TICKET: 327376
DATE: 12/16/2009
TIME: 14:08 14:23

CUSTOMER: LE00181 / SAW ENVIRONMENTAL SVC
HAULCUST:
WO: 0 APPROVAL #:
ORIGIN: OC ONTARIO
TRUCK: EK-6 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: ASH

P.O.:
GROSS: 64460 LBS
TARE: 29080 LBS
NET: 35380 LBS

MATERIAL	QUANTITY	UNIT
OC / ALTERNATIVE DAILY COVER	17.6900	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: Lisa B: POSCALE-OC OUT: Lisa B: POSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
Division of Casella Waste Systems
2849 NYS Route 5&20
Stanley, NY 14561

TICKET: 327405
DATE: 12/16/2009
TIME: 15:42 15:58

CUSTOMER: LE00181 / SAW ENVIRONMENTAL SVC
HAULCUST:
WO: 0 APPROVAL #:
ORIGIN: OC / ONTARIO
TRUCK: EK-11 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: ASH

P.O.:
GROSS: 73580 LBS
TARE: 27320 LBS
NET: 46260 LBS

MATERIAL	QUANTITY	UNIT
OC / ALTERNATIVE DAILY COVER	23.1300	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: Lisa B: POSCALE-OC OUT: Lisa B: POSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327432
DATE: 12/31/2009
TIME: 12:47 - 13:29

CUSTOMER: LE00181 / SAW ENVIRONMENTAL SVC
P.O.:
ORIGIN: TO
TRUCK: EK-6 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: appe779

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	15.1200	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: Lisa By: PCSCALE-OC OUT: Lisa By: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327432
DATE: 12/31/2009
TIME: 12:47 - 13:11

CUSTOMER: LE00181 / SAW ENVIRONMENTAL SVC
P.O.:
ORIGIN: TO : ONTARIO
TRUCK: EK-6 TRAILER:
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: appe779

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	15.6400	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: Lisa By: PCSCALE-OC OUT: Lisa By: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327398
DATE: 12/31/2009
TIME: 10:12 - 10:35

CUSTOMER: CE00181 / SAK ENVIRONMENTAL SVC P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 66660 LBS
ORIGIN: OO / ONTARIO TARE: 29280 LBS
TRUCK: EK-6 TRAILER: NET: 37380 LBS
GENERATOR: TK / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUE ROUTE: NR / NON APPLICABLE
COMMENT: app1779 CELLTANK-05

MATERIAL	QUANTITY	UNIT
AC ALTERNATIVE DAILY TO EF	18.6300	T

I certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: [illegible] B: PCSCALE-OC OUT: [illegible] B: PCSCALE-OC

ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327398
DATE: 12/31/2009
TIME: 10:12 - 10:35

CUSTOMER: CE00181 / SAK ENVIRONMENTAL SVC P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 66660 LBS
ORIGIN: OO / ONTARIO TARE: 29280 LBS
TRUCK: EK-6 TRAILER: NET: 37380 LBS
GENERATOR: TK / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUE ROUTE: NR / NON APPLICABLE
COMMENT: app1779 CELLTANK-05

MATERIAL	QUANTITY	UNIT
AC ALTERNATIVE DAILY TO EF	18.6300	T

I certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: [illegible] B: PCSCALE-OC OUT: [illegible] B: PCSCALE-OC

[illegible] NY [illegible] LANDFILL
A Division of Casella Waste Systems
1573 NYS Route 5&20
[illegible] NY 14561

TICKET: 225408
DATE: 10/23/2009
TIME: 14:18 - 14:49

[illegible]

MATERIAL QUANTITY UNIT
[illegible] 0.42 TON

[illegible]

Weighmasters Drivers

[illegible]

[illegible] LANDFILL
Division of Casella Waste Systems
[illegible]

TICKET: 225336
DATE: 10/[illegible]
TIME: [illegible]

[illegible]

MATERIAL QUANTITY UNIT
[illegible] 0.20 TON

[illegible]

Weighmasters Drivers

[illegible]

[illegible] ONTARIO [illegible] LANDFILL — TICKET: [illegible]
[illegible] of Casella Waste Systems — DATE: [illegible]
[illegible] — TIME: [illegible]
[illegible]

CUSTOMER: [illegible]
HAULER: [illegible]
ORIGIN: [illegible] — TARE: [illegible]
[illegible] — NET: [illegible]
GENERATOR: [illegible] PROFILE #: [illegible]
[illegible]
COMMENTS: [illegible]

MATERIAL	QUANTITY	UNIT
[illegible] ALTERNATIVE DAILY COVER	[illegible]	[illegible]

[illegible] familiar with wastes [illegible] knowledge [illegible]

Weighmaster: Driver:

[illegible]

[illegible] ONTARIO [illegible] LANDFILL — TICKET: [illegible]
[illegible] of Casella Waste Systems — DATE: [illegible]
[illegible] — TIME: [illegible]
[illegible]

CUSTOMER: [illegible]
HAULER: [illegible]
ORIGIN: [illegible] — TARE: [illegible]
[illegible] — NET: [illegible]
GENERATOR: [illegible] PROFILE #: [illegible]
[illegible]
COMMENTS: [illegible]

MATERIAL	QUANTITY	UNIT
[illegible] ALTERNATIVE DAILY COVER	[illegible]	[illegible]

[illegible] familiar with wastes [illegible] knowledge [illegible]

Weighmaster: Driver:

[illegible]

[illegible] ONTARIO COUNTY LANDFILL
Division of Casella Waste Systems
[illegible] NYS Route 5&20
Stanley, NY 14561

TICKET: [illegible]
DATE: [illegible]
TIME: [illegible]

CUSTOMER: [illegible]
HAULOUT: [illegible]
ORIGIN: [illegible]
GENERATOR: [illegible] PROFILE #: [illegible]
HAULER: [illegible] NOT APPLICABLE
COMMENTS: [illegible]

GROSS: [illegible] LBS
TARE: [illegible] LBS
NET: [illegible] LBS

MATERIAL	QUANTITY	UNIT
[illegible] ALTERNATIVE DAILY COVER	[illegible]	[illegible]

I certify under penalty of perjury that I am familiar with wastes [illegible] at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

[illegible] NAME: [illegible] OUT: NAME: [illegible]

[illegible] ONTARIO COUNTY LANDFILL
Division of Casella Waste Systems
[illegible] NYS Route 5&20
Stanley, NY 14561

TICKET: [illegible]
DATE: [illegible]
TIME: [illegible]

CUSTOMER: [illegible]
HAULOUT: [illegible]
ORIGIN: [illegible]
GENERATOR: [illegible] PROFILE #: [illegible]
HAULER: [illegible] NOT APPLICABLE
COMMENTS: [illegible]

GROSS: [illegible] LBS
TARE: [illegible] LBS
NET: [illegible] LBS

MATERIAL	QUANTITY	UNIT
[illegible] ALTERNATIVE DAILY COVER	[illegible]	[illegible]

I certify under penalty of perjury that I am familiar with wastes [illegible] at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: NAME: [illegible] OUT: NAME: [illegible]

[illegible] ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: [illegible]
DATE: 12 [illegible] 2007
TIME: [illegible]

CUSTOMER: LE00181 / [illegible] ENVIRONMENTAL [illegible]
HAULCUST: [illegible] APPROVAL #: [illegible]
ORIGIN: [illegible] ONTARIO
TRUCK: [illegible] TRAILER
GENERATOR: [illegible] TOM'S MOBIL PROFILE #: [illegible]
HAULER: [illegible] ROUTE: [illegible]
COMMENT: [illegible]

GROSS: [illegible] LBS
TARE: [illegible] LBS
NET: [illegible] LBS

MATERIAL	QUANTITY	UNIT
[illegible]	[illegible]	ST

[illegible]

Weighmaster: Driver:

IN: [illegible] @: PCSCALE-OC OUT: [illegible] @: PCSCALE-OC

MEAS HR / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 507616
DATE: 01/04 2012
TIME: 10:06 - 13:25

CUSTOMER: LE00181 / SAM ENVIRONMENTAL SVC
HAULCUST: AUT 0 APPROVAL #:
ORIGIN: OU / ONTARIO
TRUCK: KK-6 TRAILER
GENERATOR: TM TOM'S MOBIL PROFILE #: [illegible]
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NON APPLICABLE
COMMENT: [illegible]
CELL,TANK: [illegible]

GROSS: 70480 LBS
TARE: 29500 LBS
NET: 41260 LBS

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	20.6300	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: Lisa @: PCSCALE-OC OUT: Lisa @: PCSCALE-OC

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 327628
DATE: 01/04/2010
TIME: 10:49 - 11:07

CUSTOMER: LE00161 / SAK ENVIRONMENTAL SVC P.O.:
SALES: [illegible] ACCOUNT #: [illegible]
ORIGIN: ON / A ONTARIO TARE: 26360 LBS
TRUCK: KELLAR TRAILER: NET: 35980 LBS
GENERATOR: TM / TOM'S MOBIL PROFILE #: 1779
HAULER: KIMBALL / KIMBALL TRUC ROUTE: NA / NOT APPLICABLE
COMMENT: mob1779 CELL TANK: #2

MATERIAL	QUANTITY	UNIT
AC - ALTERNATIVE DAILY COVER	17.9930	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

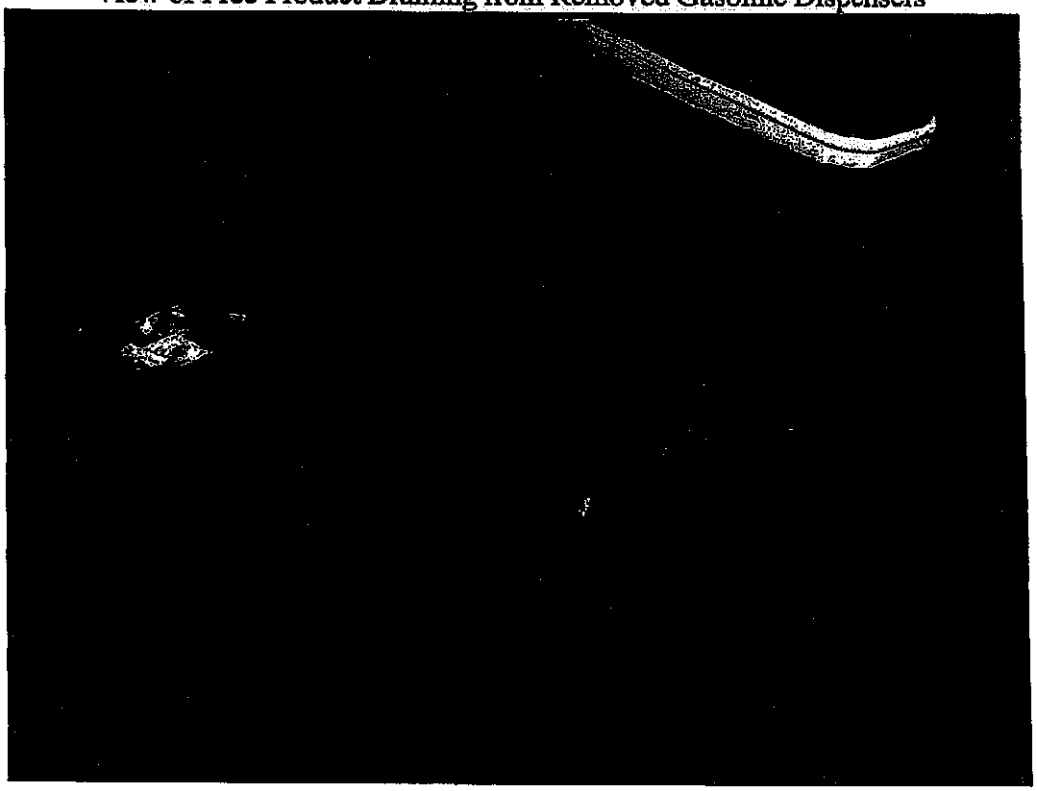
INF Line By: PCSCALE-02 OUT Line By: PCSCALE-02

Appendix C

Site Photo-log

View of Western Excavation at Pump Island

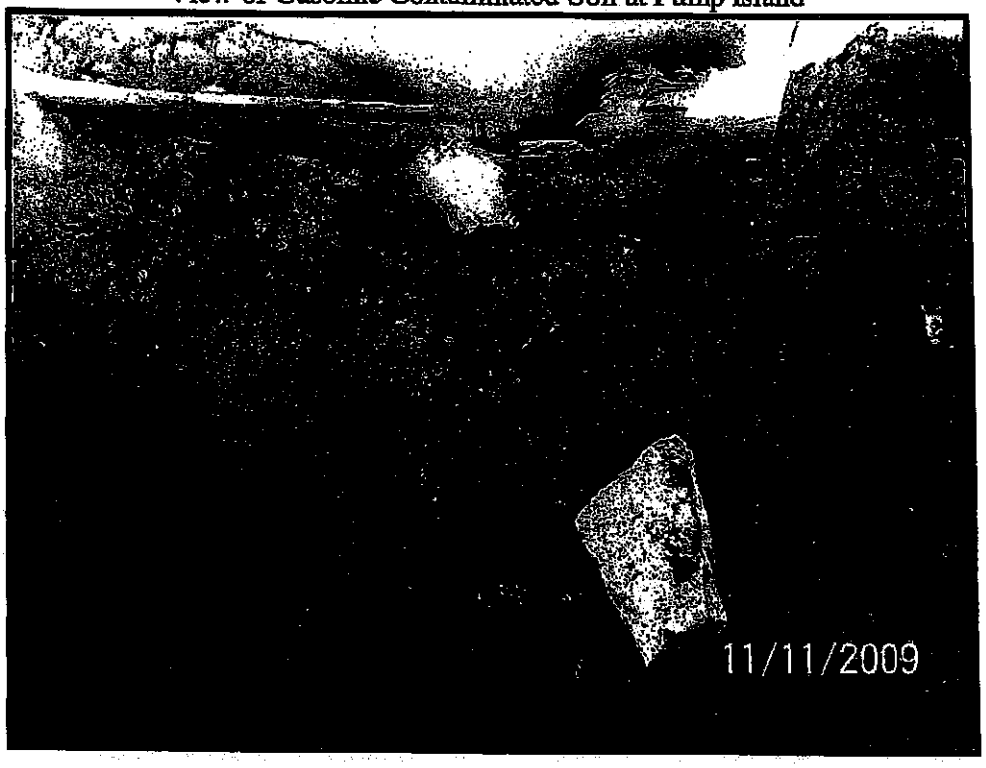
View of Free Product Draining from Removed Gasoline Dispensers



View of Excavation at North Side of Pump Island

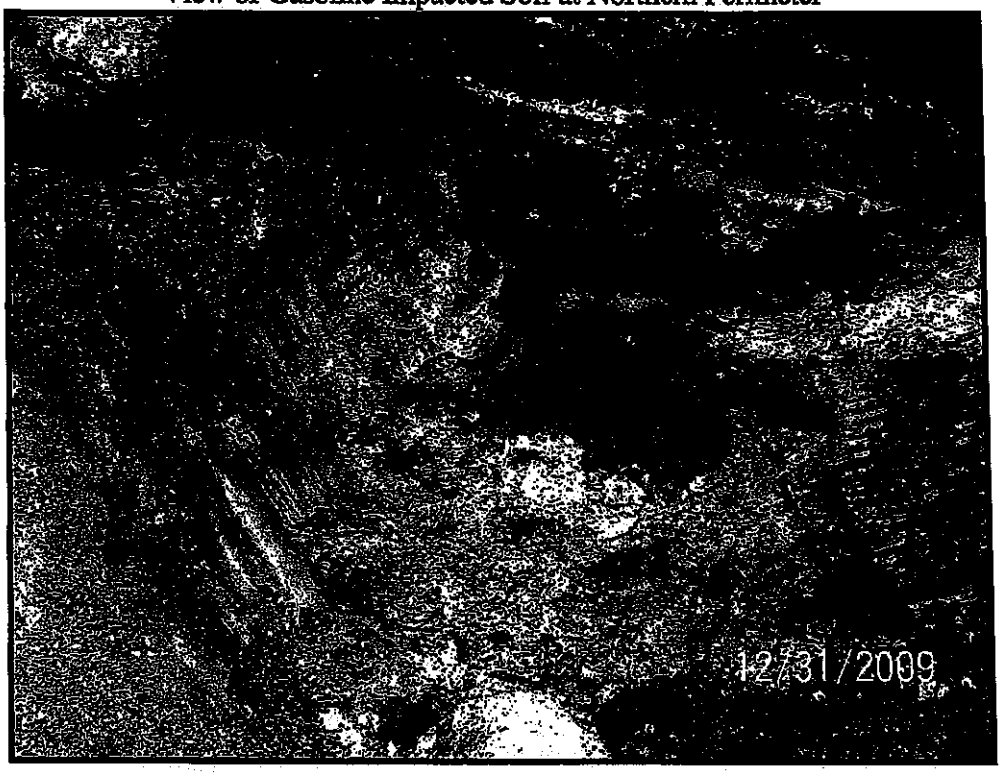
View of Gasoline on top of Groundwater at Pump Island

View of Gasoline Contaminated Soil at Pump Island

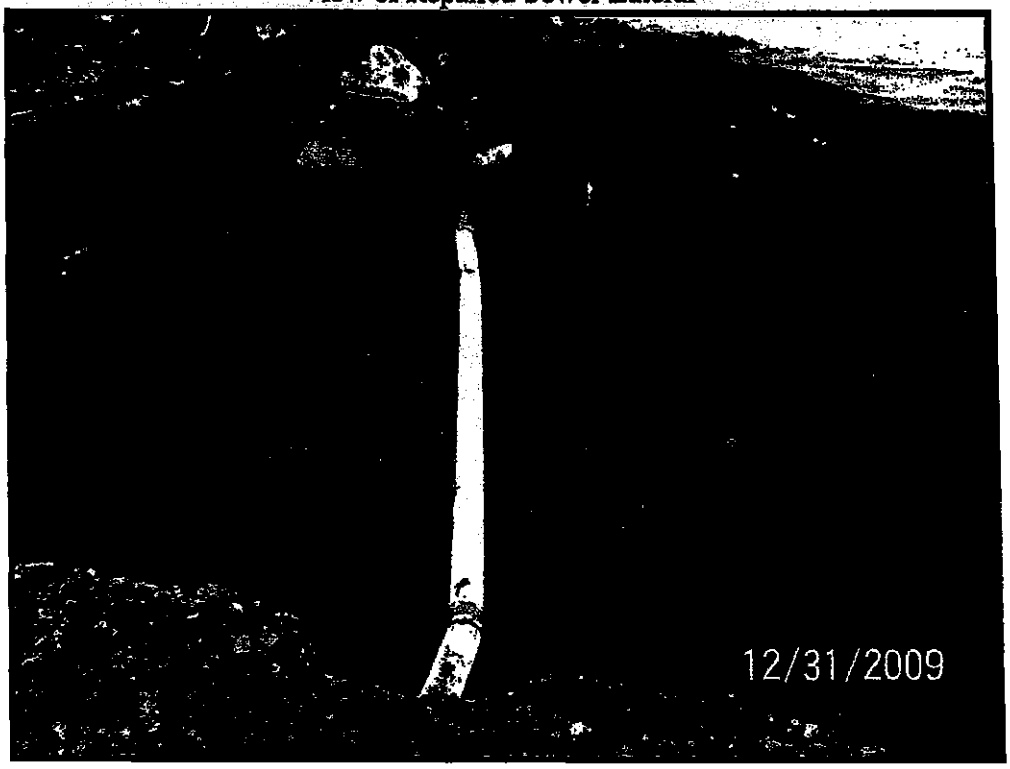


View of Northern Sidewall at Saltonstall Street

View of Gasoline Impacted Soil at Northern Perimeter

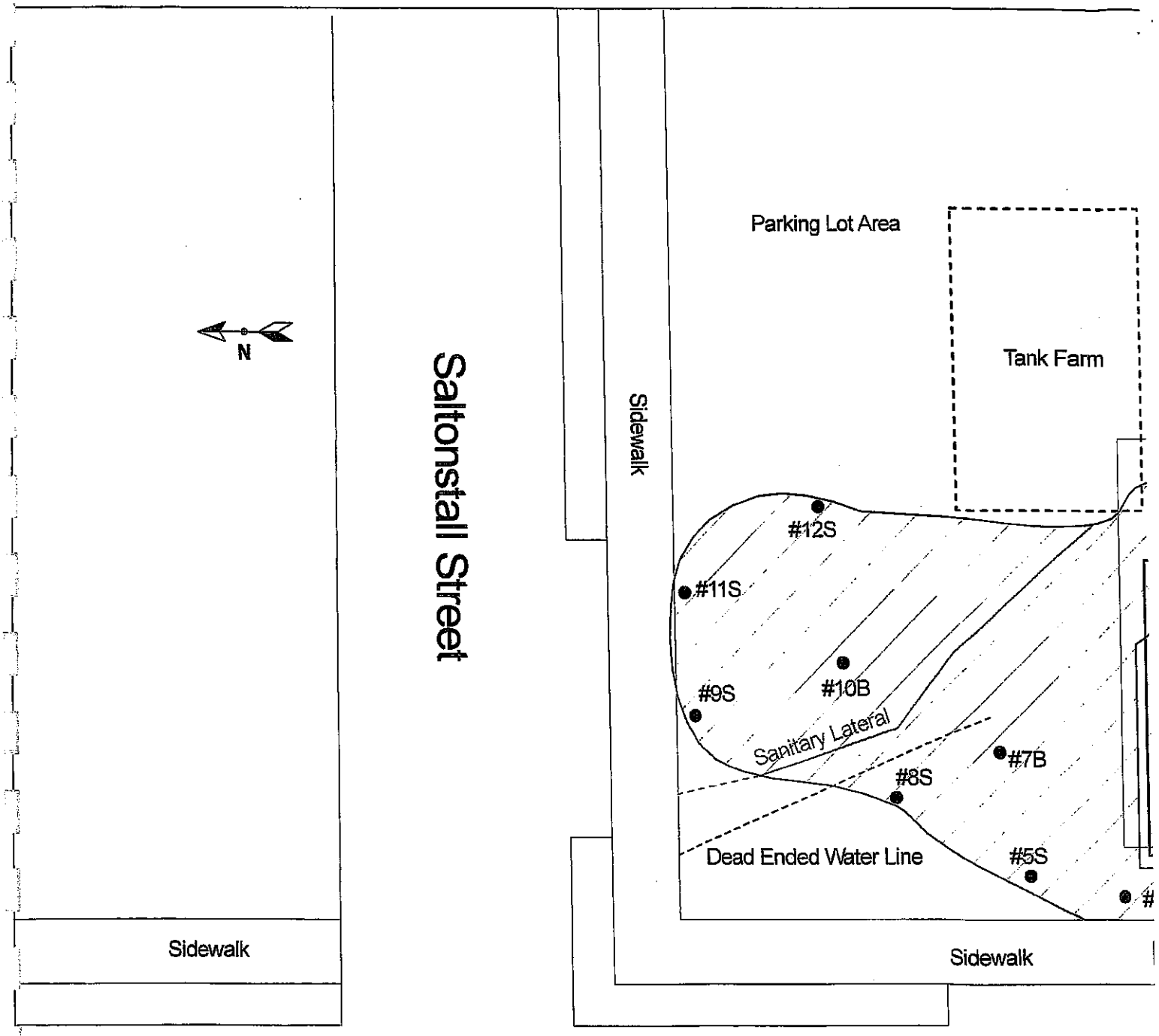


View of Repaired Sewer Lateral



Appendix D

Site Excavation & Confirmatory Sample Location Map



● = Confirmatory Soil Sample Location
B = Base Sample
S = Sidewall Sample

Appendix E

Analytical Results with Chain of Custodies

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

SAW Environmental

For Lab Project # 10-0174
Issued January 12, 2010
This report contains a total of 15 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1242
Client Job Number:	N/A		
Field Location:	West Sidewall 5'	**Date Sampled:**	12/28/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2009

Aromatics	Results in ug / Kg
Benzene	42.9
n-Butylbenzene	ND< 68.3
sec-Butylbenzene	ND< 13.7
tert-Butylbenzene	ND< 34.2
Ethylbenzene	ND< 13.7
n-Propylbenzene	24.2
Isopropylbenzene	ND< 68.3
p-Isopropyltoluene	ND< 68.3
Naphthalene	ND< 34.2
Toluene	ND< 13.7
1,2,4-Trimethylbenzene	ND< 13.7
1,3,5-Trimethylbenzene	22.8
m,p-Xylene	20.4
o-Xylene	ND< 13.7
Miscellaneous	
Methyl tert-butyl Ether	ND< 13.7

ELAP Number 10958 Method: EPA 8260B Data File: V71827.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1243
Client Job Number:	N/A		
Field Location:	West Sidewall 6'	**Date Sampled:**	12/28/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2009

Aromatics	Results in ug / Kg
Benzene	ND< 8.13
n-Butylbenzene	ND< 40.6
sec-Butylbenzene	ND< 8.13
tert-Butylbenzene	ND< 20.3
Ethylbenzene	ND< 8.13
n-Propylbenzene	ND< 8.13
Isopropylbenzene	ND< 40.6
p-Isopropyltoluene	ND< 40.6
Naphthalene	ND< 20.3
Toluene	ND< 8.13
1,2,4-Trimethylbenzene	9.37
1,3,5-Trimethylbenzene	14.7
m,p-Xylene	ND< 8.13
o-Xylene	ND< 8.13
Miscellaneous	
Methyl tert-butyl Ether	ND< 8.13

ELAP Number 10958 Method: EPA 8260B Data File: V71828.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1244
Client Job Number:	N/A		
Field Location:	West Side Base 8'	**Date Sampled:**	12/28/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2009

Aromatics	Results in ug / Kg
Benzene	ND< 11.3
n-Butylbenzene	ND< 56.6
sec-Butylbenzene	ND< 11.3
tert-Butylbenzene	ND< 28.3
Ethylbenzene	ND< 11.3
n-Propylbenzene	ND< 11.3
Isopropylbenzene	ND< 56.6
p-Isopropyltoluene	ND< 56.6
Naphthalene	ND< 28.3
Toluene	ND< 11.3
1,2,4-Trimethylbenzene	ND< 11.3
1,3,5-Trimethylbenzene	ND< 11.3
m,p-Xylene	ND< 11.3
o-Xylene	ND< 11.3
Miscellaneous	
Methyl tert-butyl Ether	ND< 11.3

ELAP Number 10958 Method: EPA 8260B Data File: V71829.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1245
Client Job Number:	N/A		
Field Location:	N. West Base 8'	**Date Sampled:**	12/28/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2009

Aromatics	Results in ug / Kg
Benzene	ND< 8.74
n-Butylbenzene	ND< 43.7
sec-Butylbenzene	ND< 8.74
tert-Butylbenzene	ND< 21.9
Ethylbenzene	ND< 8.74
n-Propylbenzene	ND< 8.74
Isopropylbenzene	ND< 43.7
p-Isopropyltoluene	ND< 43.7
Naphthalene	ND< 21.9
Toluene	ND< 8.74
1,2,4-Trimethylbenzene	ND< 8.74
1,3,5-Trimethylbenzene	14.5
m,p-Xylene	ND< 8.74
o-Xylene	11.0
Miscellaneous	
Methyl tert-butyl Ether	ND< 8.74

ELAP Number 10958 Method: EPA 8260B Data File: V71830.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1246
Client Job Number:	N/A		
Field Location:	N. Sidewall 5'	**Date Sampled:**	12/29/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/09/2010

Aromatics	Results in ug / Kg
Benzene	ND< 8.95
n-Butylbenzene	ND< 44.8
sec-Butylbenzene	ND< 8.95
tert-Butylbenzene	ND< 22.4
Ethylbenzene	ND< 8.95
n-Propylbenzene	ND< 8.95
Isopropylbenzene	ND< 44.8
p-Isopropyltoluene	ND< 44.8
Naphthalene	ND< 22.4
Toluene	ND< 8.95
1,2,4-Trimethylbenzene	ND< 8.95
1,3,5-Trimethylbenzene	ND< 8.95
m,p-Xylene	ND< 8.95
o-Xylene	ND< 8.95
Miscellaneous	
Methyl tert-butyl Ether	ND< 8.95

ELAP Number 10958 Method: EPA 8260B Data File: V71889.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1247
Client Job Number:	N/A		
Field Location:	E. Canopy Base 8'	**Date Sampled:**	12/29/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2010

Aromatics	Results in ug / Kg
Benzene	ND< 9.24
n-Butylbenzene	ND< 46.2
sec-Butylbenzene	ND< 9.24
tert-Butylbenzene	ND< 23.1
Ethylbenzene	ND< 9.24
n-Propylbenzene	ND< 9.24
Isopropylbenzene	ND< 46.2
p-Isopropyltoluene	ND< 46.2
Naphthalene	ND< 23.1
Toluene	47.6
1,2,4-Trimethylbenzene	14.7
1,3,5-Trimethylbenzene	ND< 9.24
m,p-Xylene	20.1
o-Xylene	14.2
Miscellaneous	
Methyl tert-butyl Ether	ND< 9.24

ELAP Number 10958 Method: EPA 8260B Data File: V71832.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1248
Client Job Number:	N/A		
Field Location:	Sidewall N.E. 4'	**Date Sampled:**	12/30/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2010

Aromatics	Results in ug / Kg
Benzene	ND< 7.80
n-Butylbenzene	ND< 39.0
sec-Butylbenzene	ND< 7.80
tert-Butylbenzene	ND< 19.5
Ethylbenzene	ND< 7.80
n-Propylbenzene	ND< 7.80
Isopropylbenzene	ND< 39.0
p-Isopropyltoluene	ND< 39.0
Naphthalene	ND< 19.5
Toluene	ND< 7.80
1,2,4-Trimethylbenzene	ND< 7.80
1,3,5-Trimethylbenzene	ND< 7.80
m,p-Xylene	ND< 7.80
o-Xylene	ND< 7.80
Miscellaneous	
Methyl tert-butyl Ether	ND< 7.80

ELAP Number 10958 Method: EPA 8260B Data File: V71833.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1249
Client Job Number:	N/A		
Field Location:	W.Side@ water line 5'	**Date Sampled:**	12/31/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2010

Aromatics	Results in ug / Kg
Benzene	345
n-Butylbenzene	ND< 229
sec-Butylbenzene	ND< 45.7
tert-Butylbenzene	ND< 114
Ethylbenzene	262
n-Propylbenzene	60.5
Isopropylbenzene	ND< 229
p-Isopropyltoluene	ND< 229
Naphthalene	ND< 114
Toluene	4,450
1,2,4-Trimethylbenzene	1,580
1,3,5-Trimethylbenzene	1,040
m,p-Xylene	2,460
o-Xylene	3,560
Miscellaneous	
Methyl tert-butyl Ether	ND< 45.7

ELAP Number 10958 Method: EPA 8260B Data File: V71834.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1250
Client Job Number:	N/A		
Field Location:	N.Side@ water line 5'	**Date Sampled:**	12/31/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2010

Aromatics	Results in ug / Kg
Benzene	28.1
n-Butylbenzene	ND< 49.6
sec-Butylbenzene	ND< 9.93
tert-Butylbenzene	ND< 24.8
Ethylbenzene	14.0
n-Propylbenzene	ND< 9.93
Isopropylbenzene	ND< 49.6
p-Isopropyltoluene	ND< 49.6
Naphthalene	ND< 24.8
Toluene	411
1,2,4-Trimethylbenzene	38.1
1,3,5-Trimethylbenzene	73.4
m,p-Xylene	105
o-Xylene	406
Miscellaneous	
Methyl tert-butyl Ether	ND< 9.93

ELAP Number 10958 Method: EPA 8260B Data File: V71835.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1251
Client Job Number:	N/A		
Field Location:	N.Base 6'	**Date Sampled:**	12/31/2009
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/08/2010

Aromatics	Results in ug / Kg
Benzene	ND< 10.1
n-Butylbenzene	ND< 50.3
sec-Butylbenzene	ND< 10.1
tert-Butylbenzene	ND< 25.2
Ethylbenzene	ND< 10.1
n-Propylbenzene	ND< 10.1
Isopropylbenzene	ND< 50.3
p-Isopropyltoluene	ND< 50.3
Naphthalene	ND< 25.2
Toluene	32.8
1,2,4-Trimethylbenzene	ND< 10.1
1,3,5-Trimethylbenzene	ND< 10.1
m,p-Xylene	ND< 10.1
o-Xylene	ND< 10.1
Miscellaneous	
Methyl tert-butyl Ether	ND< 10.1

ELAP Number 10958 Method: EPA 8260B Data File: V71836.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1252
Client Job Number:	N/A		
Field Location:	N.Side@ sidewalk 3'	**Date Sampled:**	01/03/2010
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/09/2010

Aromatics	Results in ug / Kg
Benzene	768
n-Butylbenzene	2,260
sec-Butylbenzene	713
tert-Butylbenzene	ND< 248
Ethylbenzene	4,140
n-Propylbenzene	6,560
Isopropylbenzene	2,890
p-Isopropyltoluene	ND< 496
Naphthalene	1,090
Toluene	12,400
1,2,4-Trimethylbenzene	7,270
1,3,5-Trimethylbenzene	2,820
m,p-Xylene	7,270
o-Xylene	7,500
Miscellaneous	
Methyl tert-butyl Ether	ND< 99.3

ELAP Number 10958 Method: EPA 8260B Data File: V71890.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: SAW Environmental

Client Job Site:	Tom's Mobil 27030	**Lab Project Number:**	10-0174
		Lab Sample Number:	1253
Client Job Number:	N/A		
Field Location:	E.Side@ 5'	**Date Sampled:**	01/03/2010
Field ID Number:	N/A	**Date Received:**	01/07/2010
Sample Type:	Soil	**Date Analyzed:**	01/09/2010

Aromatics	Results in ug / Kg
Benzene	19.8
n-Butylbenzene	ND< 56.0
sec-Butylbenzene	22.9
tert-Butylbenzene	ND< 28.0
Ethylbenzene	17.4
n-Propylbenzene	112
Isopropylbenzene	ND< 56.0
p-Isopropyltoluene	ND< 56.0
Naphthalene	ND< 28.0
Toluene	125
1,2,4-Trimethylbenzene	23.4
1,3,5-Trimethylbenzene	ND< 11.2
m,p-Xylene	40.3
o-Xylene	27.3
Miscellaneous	
Methyl tert-butyl Ether	ND< 11.2

ELAP Number 10958 Method: EPA 8260B Data File: V71891.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

PROJECT NAME/SITE NAME: TOMS MOBIL 27080

REPORT TO

COMPANY: SAW Environmental
ADDRESS: 672 Frey Rd.
CITY: Macedon STATE: NY ZIP: 14502
PHONE: 315-986-4751 FAX:
ATTN: Jon Heerkens
COMMENTS: jheerkens@sawenvironmental.com

INVOICE TO

COMPANY:
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 10-0174
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
STD OTHER
☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐
QUOTE #:

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 12-28-09		X		West SIDEWALL 5'	SS	1	X		12246
2 12-29-09		X		West SIDEWALL 6'	SS	1	X		12243
3 12-29-09		X		West SIDE BASE 8'	SS	1	X		12244
4 12-28-09		X		N. West BASE 8'	SS	1	X		12245
5 12-29-09		X		N. SIDEWALL 5'	SS	1	X		12246
6 12-29-09		X		E. Canopy BASE 8'	SS	1	X		12247
7 12-30-09		X		SIDEWALL N.E. 4'	SS	1	X		12248
8 12-31-09		X		W. SIDE @ water line 5'	SS	1	X		12249
9 12-31-09		X		N. SIDE @ water line 5'	SS	1	X		12250
10 12-31-09		X		N. BASE 6'	SS	1	X		12251

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation: N/A	Y ☐	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature: 6°C iced	Y ☒	N ☐
Comments:		

Sampled By — 12-28-09 Date/Time

Relinquished By — 1/7/10 8:35 Date/Time

Received By — 1/7/10 8:35 Date/Time

Received @ Lab By: Elizabeth A. Honch — 1/7/10 1110 Date/Time

Total Cost:

P.I.F.

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:

COMPANY: SAW Environmental
ADDRESS: 672 Frey Rd.
CITY: Macedon STATE: NY ZIP: 14502
PHONE: 315-986-4751 FAX:
ATTN: Jon Heerkens

INVOICE TO:

COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 10-0174
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
STD OTHER
☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐

Quotation #

PROJECT NAME/SITE NAME: Tony's Mobil 27080

COMMENTS: Jheerkens@sawenvironmental.com

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 01-03-09		X		N. SIDE @ SIDEWALK 3'	SS	1	X		12252
2 01-03-09		X		E. SIDE @ 5'	SS	1	X		12253
3									
4									
5									
6									
7									
8									
9									
10									

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation: N/A	Y ☐	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature: 6°C Iced	Y ☒	N ☐
Comments:		

Sampled By — Date/Time: 12/30/09 ~~07/07/09~~

Relinquished By: Judith Arks — Date/Time: 1/7/10 8:35

Received By — Date/Time: 1/7/10 8:35

Received @ Lab By: Elizabeth A. Honcw — Date/Time: 1/7/10 1110

Total Cost:

P.I.F.

Appendix B

Analytical Results w/ Chain of Custodies

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

SAW Environmental

For Lab Project # 10-0932
Issued March 11, 2010
This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Non-potable Water

Client: SAW Environmental

Client Job Site:	Tom's Mobil	**Lab Project Number:**	10-0932
		Lab Sample Number:	3744
Client Job Number:	N/A		
Field Location:	Staged Water Tank	**Date Sampled:**	03/08/2010
Field ID Number:	N/A	**Date Received:**	03/08/2010
Sample Type:	Water	**Date Analyzed:**	03/11/2010

Aromatics	Results in ug / L
Benzene	3,950
n-Butylbenzene	ND< 500
sec-Butylbenzene	ND< 500
tert-Butylbenzene	ND< 500
Ethylbenzene	737
n-Propylbenzene	ND< 200
Isopropylbenzene	ND< 500
p-Isopropyltoluene	ND< 500
Naphthalene	ND< 500
Toluene	15,700
1,2,4-Trimethylbenzene	979
1,3,5-Trimethylbenzene	ND< 500
m,p-Xylene	5,990
o-Xylene	3,110
Miscellaneous	
Methyl tert-butyl Ether	ND< 200

ELAP Number 10958 Method: EPA 8260B Data File: V73551.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger, Technical Director

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

3

REPORT TO		INVOICE TO	
COMPANY: SAW ENVIRONMENTAL		COMPANY: Same	
ADDRESS: 672 FREY RD		ADDRESS:	
CITY: MACEDON STATE: NY ZIP: 14502		CITY: STATE: ZIP:	
PHONE: 315 986 4751 FAX: 315 986 8274		PHONE: FAX:	
ATTN: JUSTIN ADAMS		ATTN:	

LAB PROJECT #: 10-0932

CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS) STD OTHER

☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐

PROJECT NAME/SITE NAME: Toms Mobil

COMMENTS: EMAIL RESULTS TO JADAMS@SAWENVIRONMENTAL.COM

Quotation #

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	3/8/10	10:00		X	STABED WATER TANK	H2O	2	X		3744
2										
3										
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature: 19°C	Y ☐	N ☒
Comments:		

Sampled By: Justin M Adams — Date/Time: 3/8/10 10:00 AM — Total Cost:

Relinquished By: Justin M Adams — Date/Time: 3/8/10 10:55 AM

Received By: [signature] — Date/Time: 3/8/10 1055 — P.I.F. ☐

Received @ Lab By: Elizabeth A. Honch — Date/Time: 3/8/10 1130

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

SAW Environmental

For Lab Project # 10-0822
Issued March 4, 2010
This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Non-potable Water

Client: SAW Environmental

Client Job Site:	Tom's Mobil	**Lab Project Number:**	10-0822
		Lab Sample Number:	3401
Client Job Number:	N/A		
Field Location:	MW-4	**Date Sampled:**	02/25/2010
Field ID Number:	N/A	**Date Received:**	03/01/2010
Sample Type:	Water	**Date Analyzed:**	03/03/2010

Aromatics	Results in ug / L
Benzene	6,250
n-Butylbenzene	ND< 500
sec-Butylbenzene	ND< 500
tert-Butylbenzene	ND< 500
Ethylbenzene	1,740
n-Propylbenzene	ND< 200
Isopropylbenzene	ND< 500
p-Isopropyltoluene	ND< 500
Naphthalene	ND< 500
Toluene	21,600
1,2,4-Trimethylbenzene	1,410
1,3,5-Trimethylbenzene	ND< 500
m,p-Xylene	8,290
o-Xylene	3,980
Miscellaneous	
Methyl tert-butyl Ether	ND< 200

ELAP Number 10958 Method: EPA 8260B Data File: V73323.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogestegger, Technical Director

03

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:

COMPANY: SAW Environmental
ADDRESS: 672 Frey Rd.
CITY: Macedon STATE: NY ZIP: 14502
PHONE: 315-986 FAX: -4757
ATTN: Jon Heerkens
COMMENTS: jheerkens@sawenvironmental.com

INVOICE TO:

COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 10-0822
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
STD OTHER
☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐

Quotation #

PROJECT NAME/SITE NAME: Tom's Mobil

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	8260 STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/25/10	0930		X	MW-4	GW	2	X		3401
2										
3										
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature:	Y ☐	N ☒
Comments: 10°C		

Sampled By: [signature] Date/Time: 2/25/10 0930

Relinquished By: [signature] Date/Time: 3/1/10 1110

Received By: [signature] Date/Time: 3/1/10 11:10 AM

Received @ Lab By: Elizabeth A. Honch Date/Time: 3/1/10 1150

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

SAW Environmental

For Lab Project # 10-1017
Issued March 16, 2010
This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Non-potable Water

Client: SAW Environmental

Client Job Site:	Tom's Mobil	**Lab Project Number:**	10-1017
		Lab Sample Number:	3993
Client Job Number:	N/A		
Field Location:	Water Tank Profile	**Date Sampled:**	03/12/2010
Field ID Number:	N/A	**Date Received:**	03/12/2010
Sample Type:	Water	**Date Analyzed:**	03/16/2010

Aromatics	Results in ug / L
Benzene	1,250
n-Butylbenzene	ND< 125
sec-Butylbenzene	ND< 125
tert-Butylbenzene	ND< 125
Ethylbenzene	225
n-Propylbenzene	ND< 50.0
Isopropylbenzene	ND< 125
p-Isopropyltoluene	ND< 125
Naphthalene	ND< 125
Toluene	5,220
1,2,4-Trimethylbenzene	508
1,3,5-Trimethylbenzene	ND< 125
m,p-Xylene	2,250
o-Xylene	1,490
Miscellaneous	
Methyl tert-butyl Ether	ND< 50.0

ELAP Number 10958 Method: EPA 8260B Data File: V73669.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: Bruce Hoogesteger: Technical Director

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO

COMPANY: SAW ENVIRONMENTAL
ADDRESS: 6072 FREY RD
CITY: MACEDON STATE: NY ZIP: 14502
PHONE: 315 986 4751 FAX: 315 986 8274
ATTN: JUSTIN ADAMS

INVOICE TO

COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 10-1017
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
1 ☐ 2 ☐ 3 ☐ STD ☒ 5 OTHER ☐

Quotation #

PROJECT NAME/SITE NAME: Tom's Mobil

COMMENTS: EMAIL RESULTS TO JADAMS@SAWENVIRONMENTAL.COM

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
									CPC JH	
1	3/12/10	10:00		X	TRIP WATER PROFILE	H2O	2	X	3-15-10 change to 10 day TAT. Jessica 1430 Dec 3/16/10	3993
2										
3										
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature:	Y ☐	N ☒
Comments: 17°C		

Justin M Adams 3/12/10 10:00
Sampled By Date/Time

Justin M Adams 3/12/10 10:55
Relinquished By Date/Time

Jane Jolossi 3/12/10 1055
Received By Date/Time

Elizabeth A. Honch 3/12/10 1350
Received @ Lab By Date/Time

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Non-potable Water

Client: SAW Environmental

Client Job Site:	Toms Mobil	**Lab Project Number:**	10-1119
		Lab Sample Number:	4335
Client Job Number:	N/A		
Field Location:	Tank Pit MW	**Date Sampled:**	03/22/2010
Field ID Number:	N/A	**Date Received:**	03/22/2010
Sample Type:	Water	**Date Analyzed:**	03/24/2010

Aromatics	Results in ug / L
Benzene	8,970
n-Butylbenzene	ND< 1,000
sec-Butylbenzene	ND< 1,000
tert-Butylbenzene	ND< 1,000
Ethylbenzene	4,900
n-Propylbenzene	ND< 400
Isopropylbenzene	ND< 1,000
p-Isopropyltoluene	ND< 1,000
Naphthalene	ND< 1,000
Toluene	46,100
1,2,4-Trimethylbenzene	2,990
1,3,5-Trimethylbenzene	ND< 1,000
m,p-Xylene	18,300
o-Xylene	8,320
Miscellaneous	
Methyl tert-butyl Ether	ND< 400

ELAP Number 10958 Method: EPA 8260B Data File: V73815.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: Val Miller for

Bruce Hoogesteger: Technical Director

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	SAW Environmental	COMPANY:	Same	10-0822	
ADDRESS:	672 Frey Rd.	ADDRESS:		TURNARDUND TIME: (WORKING DAYS)	
CITY:	Macedon, STATE: NY. ZIP: 14502	CITY:	STATE: ZIP:		
PHONE:	315-986- FAX: 4757	PHONE:	FAX:	STD	OTHER
ATTN:	Jon Heerkens	ATTN:		1 2 3 X 5	
COMMENTS:	jheerkens@sawenvironmental.com			Quotation #	

PROJECT NAME/SITE NAME: Tom's Mobil

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	8260 STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/25/10	0930		X	MW-4	GW	2	X		3401
2										
3										
4										
5										
6										
7										
8										
9										
10										

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y X	N
Comments:		
Preservation:	Y X	N
Comments:		
Holding Time:	Y X	N
Comments:		
Temperature:	Y	N X
Comments: 10°C		

Sampled By: Justin M Adams — Date/Time: 2/25/10 0930

Relinquished By: [signature] — Date/Time: 3/1/10 1110

Received By: [signature] — Date/Time: 3/1/10 11:10 AM

Received @ Lab By: Elizabeth A Honch — Date/Time: 3/1/10 1150

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Non-potable Water

Client: SAW Environmental

Client Job Site:	Tom's Mobil	**Lab Project Number:**	10-0365
		Lab Sample Number:	1957
Client Job Number:	N/A		
Field Location:	Tank Pit Well	**Date Sampled:**	01/21/2010
Field ID Number:	N/A	**Date Received:**	01/22/2010
Sample Type:	Water	**Date Analyzed:**	01/27/2010

Aromatics	Results in ug / L
Benzene	7,650
n-Butylbenzene	ND< 500
sec-Butylbenzene	ND< 500
tert-Butylbenzene	ND< 500
Ethylbenzene	1,550
n-Propylbenzene	ND< 200
Isopropylbenzene	ND< 500
p-Isopropyltoluene	ND< 500
Naphthalene	ND< 500
Toluene	22,300
1,2,4-Trimethylbenzene	664
1,3,5-Trimethylbenzene	ND< 500
m,p-Xylene	3,050
o-Xylene	2,900
Miscellaneous	
Methyl tert-butyl Ether	ND< 200

ELAP Number 10958 Method: EPA 8260B Data File: V72428.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Non-potable Water

Client: SAW Environmental

Client Job Site:	Tom's Mobil	**Lab Project Number:**	10-0822
		Lab Sample Number:	3401
Client Job Number:	N/A		
Field Location:	MW-4	**Date Sampled:**	02/25/2010
Field ID Number:	N/A	**Date Received:**	03/01/2010
Sample Type:	Water	**Date Analyzed:**	03/03/2010

Aromatics	Results in ug / L
Benzene	6,250
n-Butylbenzene	ND< 500
sec-Butylbenzene	ND< 500
tert-Butylbenzene	ND< 500
Ethylbenzene	1,740
n-Propylbenzene	ND< 200
Isopropylbenzene	ND< 500
p-Isopropyltoluene	ND< 500
Naphthalene	ND< 500
Toluene	21,600
1,2,4-Trimethylbenzene	1,410
1,3,5-Trimethylbenzene	ND< 500
m,p-Xylene	8,290
o-Xylene	3,980
Miscellaneous	
Methyl tert-butyl Ether	ND< 200

ELAP Number 10958 Method: EPA 8260B Data File: V73323.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogestegger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Non-potable Water

Client: SAW Environmental

Client Job Site:	Toms Mobil	**Lab Project Number:**	10-1119
		Lab Sample Number:	4336
Client Job Number:	N/A		
Field Location:	MW North of Tank Farm	**Date Sampled:**	03/22/2010
Field ID Number:	N/A	**Date Received:**	03/22/2010
Sample Type:	Water	**Date Analyzed:**	03/24/2010

Aromatics	Results in ug / L
Benzene	3.80
n-Butylbenzene	ND< 5.00
sec-Butylbenzene	ND< 5.00
tert-Butylbenzene	ND< 5.00
Ethylbenzene	ND< 2.00
n-Propylbenzene	ND< 2.00
Isopropylbenzene	ND< 5.00
p-Isopropyltoluene	ND< 5.00
Naphthalene	ND< 5.00
Toluene	3.38
1,2,4-Trimethylbenzene	ND< 5.00
1,3,5-Trimethylbenzene	ND< 5.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Miscellaneous	
Methyl tert-butyl Ether	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V73814.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: Bruce Hoogesteger: Technical Director

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM
ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

4

REPORT TO:
COMPANY: SAW ENVIRONMENTAL
ADDRESS: 692 FREY RD
CITY: MACEDON STATE: NY ZIP: 14502
PHONE: 315 986 4751 FAX: 315 986 8274
ATTN: JON HEERKENS

INVOICE TO:
COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 10-1119
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
STD OTHER
☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐

Quotation #

PROJECT NAME/SITE NAME: TOMS MOBIL

COMMENTS: EMAIL TO JHEERKENS@SAWENVIRONMENTAL.COM

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 STARS										REMARKS	PARADIGM LAB SAMPLE NUMBER
3/22/10	11:00		X	TANK PIT MW	H_2O	2	X											4335
3/22/10	11:30		X	MW N OF TANK FARM	H_2O	2	X											4336
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature:	Y ☒	N ☐
Comments: 16°C iced-pres. begun in field		

Sampled By: Justin M Adams Date/Time: 3/22/10 11:00
Relinquished By: Justin M Adams Date/Time: 3/22/10 3:05
Received By: Mary Dolci Date/Time: 3/22/10 1505
Received @ Lab By: Elizabeth A Honch Date/Time: 3/22/10 1610

Total Cost:

P.I.F. ☐

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:
COMPANY: SAW Environmental
ADDRESS: 672 Frey Rd.
CITY: Macedon STATE: NY ZIP: 14502
PHONE: 315-986-4751 FAX:
ATTN: Jon Heerkens
COMMENTS: Jheerkens@sawenvironmental.com

INVOICE TO:
COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 10-0365
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS) STD [X] 5 OTHER [ ] (1 [ ] 2 [ ] 3 [ ])
Quotation #

PROJECT NAME/SITE NAME: Tom's Mobil

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	8260 STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	01/21/10	1130		X	TANK PIT WELL	GW	2	X		19578
2	01/21/10	1200		X	MW-1	GW	2	X		19581
3										
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y [X]	N [ ]
Comments:		
Preservation:	Y [X]	N [ ]
Comments:		
Holding Time:	Y [X]	N [ ]
Comments:		
Temperature: 8°C	Y [ ]	N [X]
Comments:		

Sampled By: [signature] Date/Time: 01/21/10 1200 hrs
Relinquished By: [signature] Date/Time: 1/22/10 11:15
Received By: [signature] Date/Time: 1/22/10 1115
Received @ Lab By: Elizabeth A Honch Date/Time: 1/22/10 1230

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Non-potable Water

Client: SAW Environmental

Client Job Site:	Tom's Mobil	**Lab Project Number:**	10-0365
		Lab Sample Number:	1958
Client Job Number:	N/A		
Field Location:	MW-1	**Date Sampled:**	01/21/2010
Field ID Number:	N/A	**Date Received:**	01/22/2010
Sample Type:	Water	**Date Analyzed:**	01/25/2010

Aromatics	Results in ug / L
Benzene	8.49
n-Butylbenzene	ND< 5.00
sec-Butylbenzene	ND< 5.00
tert-Butylbenzene	ND< 5.00
Ethylbenzene	ND< 2.00
n-Propylbenzene	ND< 2.00
Isopropylbenzene	ND< 5.00
p-Isopropyltoluene	ND< 5.00
Naphthalene	ND< 5.00
Toluene	5.25
1,2,4-Trimethylbenzene	ND< 5.00
1,3,5-Trimethylbenzene	ND< 5.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Miscellaneous	
Methyl tert-butyl Ether	34.1

ELAP Number 10958 Method: EPA 8260B Data File: V72363.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

4. NYSDEC Spill Report Form for spills #0370375, #0751213, #0908882, #8180527, #8604669, and #9408512

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 0370375

SPILL NAME: TOMS MOBIL ABANDONED DRUM **DEC LEAD:** JRMARCHI

SPILL DATE: 09/12/2003 **SPILL TIME:** 12:00 pm

CALL RECEIVED DATE: 09/19/2003 **RECEIVED TIME:** 12:38 pm

SPILL LOCATION

PLACE: TOMS MOBIL ABANDONED DRUM **COUNTY:** Ontario

STREET: 267 SOUTH MAIN STREET **TOWN/CITY:** Canandaigua

COMMUNITY: CANANDAIGUA

CONTACT: TOM SCHEFFER **CONTACT PHONE:** (585) 394-3733

CONT. FACTOR: Abandoned Drums **SPILL REPORTED BY:** DEC

FACILITY TYPE: Unknown **WATERBODY:**

CALLER REMARKS:

A 16 GALLON DRUM WAS LEFT AT TOM'S MOBIL . A HAZARDOUS WASTE LABEL IS ON THE DRUM . THE DRUM IS NOT LEAKING. A CONTRACTOR WILL BE HIRED TO SAMPLE AND DISPOSE OF THE MATERIAL .

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
UNKNOWN MATERIAL	Other	20 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
UNKNOWN	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JM"
09/22/03 JM ON SITE WITH TOM SCHEFFER. SMALL BACK DRUM BEHIND BUILDING AMONTHER OTHER DRUMS USED BY STATION FOR WASTE OIL . OPTECH TO BE ON SITE 09/23/03 TO OVERPACK AND SAMPLE .

09/23/03 JM ON SITE WITH OPTECH. DRUM WAS SAMPLED. HIGH PID READINGS. AFTER SAMPLING DRUM PLACED IN BLUE 55-GALLON OVERPACK AND OVERPACK WAS LABELED . DISPOSAL ARRANGEMENTS TO BE MADE.

10/23/03: ANALYTICAL RESULTS IDENTIFIED THE CONTENTS OF THE DRUM AS WASTE OIL AND DISPOSAL TOOK PLACE AT CYCLE CHEM IN LEWISBERRY, PA .

PIN	T & A	COST CENTER
H0629		

CLASS: B1 **CLOSE DATE:** 03/11/2004 **MEETS STANDARDS:** True

Created On: 09/19/2003

Date Printed: 1/27/2015 Last Updated: 12/22/2004

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 0751213

SPILL NAME: TOM'S MOBIL **DEC LEAD:** CAHETTEN

SPILL DATE: 12/12/2007 **SPILL TIME:** 9:53 am

CALL RECEIVED DATE: 12/12/2007 **RECEIVED TIME:** 10:53 am

SPILL LOCATION

PLACE: TOM'S MOBIL **COUNTY:** Ontario

STREET: 267 SOUTH MAIN STREET **TOWN/CITY:** Canandaigua (c)

COMMUNITY: CANANDAIGUA

CONTACT: TOM SCHAEFFER **CONTACT PHONE:** (585) 370-5200

CONT. FACTOR: Other **SPILL REPORTED BY:** Other

FACILITY TYPE: Gasoline Station or other PBS Facility **WATERBODY:**

CALLER REMARKS:

WHILE PERFORMING A GEOPROBE WORK, CONTAMINATED SOILS WERE ENCOUNTERED . CALLER TO DELINEATE SPILL AND PROPOSE REMEDIAL PLAN .

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
Gasoline	Petroleum	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
TOM'S MOBIL	267 SOUTH MAIN STREET CANANDAIGUA NY	TOM SCHAEFFER (585) 370-5200

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

02/07/2008: PHASE II ENVIRONMENTAL INVESTIGATION REPORT RECEIVED FROM SAW ENVIRONMENTAL .

11/12/2008: CH MEETS WITH JON HEERKENS OF SAW ENVIRONMENTAL. THE INVESTIGATION PERFORMED BY SAW INDICATED THE FORMER SPILL IN THE AREA OF THE TANK FIELD ON THE NORTH SIDE OF THE STATION HAD BEEN SUCCESSFULLY REMEDIATED (SEE SPILL #9408512). THE INVESTIGATION DID HOWEVER INDICATE THE PRESENCE OF SUBSURFACE CONTAMINATION ACROSS THE FRONT OF THE STATION (WEST SIDE) NEAR THE PUMP ISLAND AND ON THE SOUTH SIDE OF THE ISLAND. SAW GAVE THE OWNER TWO OPTIONS TO ADDRESS THE CONTAMINATION. THE FIRST OPTION WOULD BE TO HOG AND HAUL IMPACTED SOILS WHICH IS NOT REALLY FEASABLE DUE TO THE FACT THE ISLAND CANOPY WOULD HAVE TO BE REPLACED AND THAT WOULD BE COST PROHIBITIVE. THE SECOND OPTION WOULD BE VAPOR EXTRACTION IN CONJUNCTION WITH PERMEOX INJECTION. SITE WILL NEED TO HAVE A STIPULATION AGREEMENT IN PLACE FOR THE VES EFFLUENT . SAW WILL SEND A COPY OF THE REPORT WITH THE PROPOSED REMEDIAL ACTIONS LISTED .

04/06/2009: REMEDIATION ACTION PLAN RECEIVED FROM SAW.

02/03/11 FURTHER INFORMATION ON THIS SPILL SITE CAN BE FOUND UNDER SPILL FILE # 0908882. THIS SPILL # TO BE CLOSED, WITH ANY FURTHER SITE UPDATES UNDER #0908882.

Created On: 12/12/2007

Date Printed: 1/27/2015 Last Updated: 02/03/2011

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 0751213

SPILL NAME: TOM'S MOBIL **DEC LEAD:** CAHETTEN

PIN **T & A** **COST CENTER**

CLASS: B3 **CLOSE DATE:** 02/03/2011 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 0908882

SPILL NAME: TOM'S MOBIL **DEC LEAD:** CAHETTEN

SPILL DATE: 11/08/2009 **SPILL TIME:** 10:00 am

CALL RECEIVED DATE: 11/08/2009 **RECEIVED TIME:** 11:11 am

SPILL LOCATION

PLACE: TOM'S MOBIL **COUNTY:** Ontario

STREET: 267 SOUTH MAIN STREET **TOWN/CITY:** Canandaigua (c)

COMMUNITY: CANANDAIGUA

CONTACT: TOM SCHAEFFER **CONTACT PHONE:** (585) 370-5200

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Gasoline Station or other PBS Facility **WATERBODY:**

CALLER REMARKS:

900 GALLON INVENTORY DISCREPANCY. SAW ENVIRONMENTAL SERVICES ON SCENE.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
Gasoline	Petroleum	900 G		Soil,
Gasoline	Petroleum	900 G		GW,
Gasoline	Petroleum	900 G		Sewer,
Gasoline	Petroleum	900 G		

POTENTIAL SPILLERS

COMPANY	ADDRESS		CONTACT
TOM'S MOBIL	267 SOUTH MAIN STREET	CANANDAIGUA NY	TOM SCHAEFFER
			(585) 370-5200

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

11/08/2009: TH ON SITE AT 1145 HOURS WITH ECO DOBIES, TOM SCHAEFFER AND JON HEERKENS. SAW ENVIRONMENTAL HAS BEEN RETAINED BY SCHAEFFER TO INVESTIGATE LOSS OF ~ 900 GALLONS OF PREMIUM GASOLINE FROM 5K SIDE OF 20K COMPARTMENTALIZED UST OVER THE LAST 3 MONTHS (AS PER INVENTORY RECONCILLIATION). AN INTERCEPTION TRENCH DUG ALONG THE NORTH SIDE OF CONCRETE UST PAD REVEALS FREE PRODUCT AT ~ 3' BGS. SAW BEGINS SKIMMING PRODUCT FROM GROUNDWATER SURFACE . SANITARY SEWER SERVICE CONNECTION TO MAIN SEWER RUNS THROUGH THE IMPACTED AREA . SAW EXPOSES THE SEWER LINE ON STATION PROPERTY AND ENCOUNTERS SIGNIFICANT SOIL CONTAMINATION BUT NO FREE PRODUCT. PID READING OF SANITARY SEWER AT SOUTH MAIN AND SALTONSTALL INDICATES SIGNIFICANT VAPOR IMPACT (PEAK 1500PPM). CANANDAIGUA FIRE DEPARTMENT (CHIEF MATT SNYDER 585-396-5050) AND DPW (WILL CLARK) RESPOND AND PLACE EVACUATION FAN ON SEWER SYSTEM ALONG SALTONSTALL TO REDUCE VAPOR CONCENTRATON (LEL IN SEWER IS 3-15%). SAW INSTALLS BLOWER ON SANITARY CLEANOUT ON STATION PROPERTY (BETWEEN SHOP BAYS) AND SEWER VAPOR CONCENTRATION IS REDUCTED SIGNIFICANTLY . SVE EFFLUENT IS ~900PPM AT STARTUP AND LEL IN SEWER IS 1%. PRODUCT SKIMMING IS RESULTING IN APPROXIMATELY 50% PRODUCT RECOVERY. ~300 GALLONS OF PRODUCT RECOVERED AS OF 1900 HOURS.

PRODUCT SKIMMING WILL CONTINUE THROUGHOUT THE NIGHT AND SCHAEFFER WILL REMAIN ON SITE .

11/09/2009: DDAKE ONSITE. ACCORDING TO JON HEERKENS OF SAW, THEY PUMPED PRODUCT THROUGHOUT THE NIGHT AND TOTAL FREE PRODUCT RECOVERED TO DATE IS APPROXIMATELY 450 GALLONS (CURRENTLY IN A FEW SKID TANKS). A VACUUM TRUCK IS BEING MOBILIZED TO THE SITE TO PUMP OUT THE TANKS AND REMOVE FREE PRODUCT AND CONTAMINATED GROUNDWATER FROM AN OPEN TEST PIT ON THE NORTH SIDE OF THE UST. THE SVE BLOWER INSTALLED ON THE ROOF ON THE CANOPY BY SAW IS CURRENTLY RUNNING . ANOTHER BLOWER IS SET UP BY THE GARAGE TO VENT THE SANITARY PIPING . AT THIS TIME INVESTIGATION EFFORTS WILL CONCENTRATE ON THE PIPING FROM THE NORTHWEST DISPENSER TO THE SUPER UNLEADED UST . THERE IS SOME GASOLINE IN THE SUMP OF THIS DISPENSER. WADE (CODE ENFORCEMENT OFFICER) AND FIRE CHIEF SNYDER ARE ONSITE. A DECISION IS MADE DUE TO SAFETY CONSIDERATIONS TO CLOSE DOWN THE GAS STATION BUSINESS AND LOCAL DPW PERSONNEL TO BARRICADE OFF THE TWO SIDEWALKS . SIGNIFICANT FREE PRODUCT IS RECOVERED AT THE TEST PIT, FLOWING FROM THE TANK BEDDING (DRAINING THE UST AREA) VIA THE VAC TRUCK. AS OF 1130 HOURS, THE VAC TRUCK IS FULL (415 GALLONS OF GASOLINE AND APPROXIMATELY 2100 GALLONS OF GROUNDWATER), EQUATING TO A RECOVERY OF APPROXIMATELY HALF OF THE ESTIMATED LOSS. SAW USES MINI-EXCAVATOR AND RIPS UP CONCRETE BY THE NORTHWEST DISPENSER . SOILS BELOW ARE SATURATED WITH GASOLINE /STRONG GASOLINE ODOR AND AFTER THE LINES ARE DISCOVERED, A DEEPER TEST PIT IS DUG IN THIS AREA. GROSSLY CONTAMINATED GRAVELS AND SANDS ARE ENCOUNTERED . VAC TRUCK RETURN LATER IN THE DAY. ARROW CONTRACTING ONSITE. WILL TEST THE LINES AND INSPECT DISPENSING SYSTEM TOMORROW. CH MEETS ON SITE WITH DD. EFFLUENT PID READINGS OF BLOWER HOOKED TO SANITARY SEWER CLEANOUT ARE AVERAGE OF 350 PPM. TOM SCHAEFFER STATES HE CHECKED HIS INVENTORY BEYOND 3 MONTH PERIOD AND THE LOSSES OF SUPER UNLEADED STARTED SOMETIME IN SEPTEMBER WHEN EXCAVATING FOR THE LINES . SAW HITS THE SECONDARY CONTAINMENT LINE AND BREAKS IT OPEN. THERE IS SOME PRODUCT IN THE CONTAINMENT LINE. BRUCE FROM ARROW CONTRACTING ARRIVES TO INSPECT AND TEST THE LINES. HE REPORTS HE BELIEVES THERE WAS A RECALL ON THE PIPING THAT IS IN PLACE AT THE STATION . TOM SCHAEFFER ADVISES CH AND PM THAT BACK IN SEPTEMBER HE EXPERIENCED PROBLEMS WITH THE SUPER PUMP. THAT IT WAS PUMPING SLOW. HE REPLACED THE PUMP AND LEAK DETECTOR. AFTER THAT THINGS SEEMED TO WORK FINE. HE REPLACED THEM BECAUSE SUPER WAS PUMPING SLOW. PUMP WAS REPLACED BECAUSE OF LOW PRESSURE. HE FURTHER STATES THAT LAST FRIDAY NOVEMBER 6TH SHORTLY AFTER CH AND DT'S INSPECTION OF THE SITE, A CUSTOMER COMPLAINED THE SUPER WAS NOT PUMPING
CORRECTLY. NYTECH RETURNS TO THE SITE LATER IN THE DAY AND CONTINUES TO RECOVER PRODUCT . AT THE END OF THE DAY THEY STICK THE VAC TRUCK AND CALCULATE THEY RECOVERED APPROXIMATELY 15-20 GALLONS OF PRODUCT.

11/10/2009: CH MEETS ON SITE WITH SAW AND ARROW CONTRACTING. ARROW IS PRESSURE TESTING THE PRODUCT LINES (SUPER) TO DETERMINE IF THE LINES WERE LEAKING AND POSSIBLY WHERE. THEY DISCOVER WHEN THEY FIRST PRESSURIZE THE LINE, THERE IS A LEAK IN NIPPLE UNDER THE NORTHWEST DISPENSER . THE NIPPLE IS BETWEEN THE TEE IN THE PRODUCT LINE WHERE IT COMES INTO AND EXITS THE SUMP AND THE SHEAR VALVE. THE NIPPLE WAS LEAKING AT THE TEE END WHERE IT WAS SCREWED INTO THE TEE . THE NIPPLE WAS IRON AND THE TEE BRASS WHICH WOULD CAUSE ACCELERATED CORROSION . ARROW REMOVES THE NIPPLE AND PLUGS THE TEE AND RETEST THE LINE. IT SLOWLY LOOSES PRESSURE. THEY BELIEVE THE SHEAR VALVES MAY HAVE SOME DIRT IN THEM CAUSING A SLOW AIR LOSS . THEY DISCONNECT THE LINES FROM THE SHEAR VALVES AND RETEST. THE LINES PASS HOLDING 50 PSI OF NITORGEN. ARROW POINTS OUT THAT THE NORTHWEST SUMP WHERE THE LEAK OCCURED IS SEVERLY BOWED IN. THIS IS ALSO THE DISPENSER THAT IS TIPPED FROM THE CONCRETE SETTLING WHEN IT WAS INSTALLED. ARROW BELIEVES BECAUSE THE SUMP WAS SO BOWED THAT THE SUMP BOOTS FOR THE LINES WERE NOT ABLE TO SIT FLAT AND THE PRODUCT LEAKED AROUND THE BOOTS. SAW CHECKS WITH AN INTERFACE PROBE THE PRODUCT THICKNESS IN THE WEST TANK FIELD WELL. THERE IS APPROXIMATELY 1 INCH OF PRODUCT (9/10THS). NYTECH IS RESPONDING TO THE SITE WITH A VAC TRUCK TO EVACUATE PRODUCT FROM THE WELL . VES ON THE SEWER HAS EFFLUENT OF 90 PPM. CH CHECKS PATTY'S PLACE WITH PID. PATTY SAYS THE ODORS HAVE NOT BEEN AS NOTICEABLE . CH GETS NO ELEVATED READINGS IN THE RESTAURANT OR THE BASEMENT . CH CHECKS DEL FORTE'S AND GETS SLIGHTLY ELEVATED READINGS ON THE FIRST FLOOR AND ONLY 7 PPM IN THE FLOOR DRAIN. SAW EXPOSES THE WEST SIDE OF THE NORTHWEST DISPENSER. PRODUCT FLOWS OUT OF THE STONE BEDDING FOR THE SECONDARY CONTAINMENT PIPING. TO THE NORTH OF THE NORTHWEST DISPENSER THE SOILS APPEAR PRODUCT FREE. A CLEAN CLAY BASE IS ENCOUNTERED AT APPROXIMATELY 6 FEET BGS. THE SOILS ARE A MIX OF FILL AND

DEBRIS.

11/12/2009: CH MEETS ON SITE WITH SAW WHO IS LOADING SOIL INTO ROLL-OFFS. THEY ARE GOING TO CONTINUE DIGGING SOUTH ALONG THE WEST END OF THE DISPENSER ISLAND AND FOLLOW THE PRODUCT LINES. EFFLUENT OF THE VES ON THE SEWER IS 15-20 PPM. THE VES AT THE REAR OF STATION IS HOOKED UP TO THE VES IN THE TANK PIT. TOM SCHAEFFER SAYS IT WAS CONNECTED YESTERDAY AND THE BLOWER FIRED UP AT APPROXIMATELY 6 PM LAST NIGHT. THE EFFLUENT IS 4200-4900 PPM. SAW DOES NOT HAVE THEIR INTERFACE PROBE WITH THEM SO I CHECK THE TANK FIELD WEST MONITORING WELL WITH A BAILER . IN A BAILER, I GET APPROXIMATELY 1/4 INCH. THE NORTHWEST DISPENSER AND SUMP HAVE BEEN REMOVED AND SET ASIDE. IN INSPECTING THE SUMP, CH CAN SEE THAT THE STAINS FROM LIQUID IN THE SUMP DO NOT EXTEND ABOVE THE PRODUCT LINE BOOTS. CH ASKS SCHAEFFER IF THEY INSPECTED THE SUMP FOR CRACKS. THEY DID NOT. AS SAW DIGS SOUTH AND GETS NEAR THE SOUTHWEST DISPENSER THEY HIT AN OLD LAID STONE FOUNDATION. THERE IS A SUBSTANTIAL AMOUNT OF WATER TIED UP IN THE FOUNDATION AND THE PEASTONE BEDDING OF THE PREVIOUSLY INSTALLED VES. SAW TO INSTALL A LARGE RECOVERY WELL IN THE EASTERN PORTION OF THE TANK FIELD.

11/13/2009: CH MEETS ON SITE WITH SAW WHO IS CONTINUING TO EXCAVATE TO THE SOUTH ALONG THE WEST SIDE OF THE DISPENSER ISLAND. CH CHECKS VES EFFLUENTS. THE SEWER VES IS APPROXIMATELY 20-25 PPM. THE TANK FIELD VES IS 4700 PPM. IN DIGGING FURTHER SOUTH, SAW IS ENCOUNTERING BOTH OLD CONTAMINATION AND THE NEWER GAS FROM THE LINE LEAK WHICH IS PRIMARILY TIED UP IN THE STONE BEDDING OF THE SECONDARY CONTAINMNENT LINE. SAW REMOVES THE WELL CAP AND PLUG FROM THE WEST TANK FIELD MONITORING WELL. SEVERAL MINUTES AFTER DOING SO, CH CHECKS THE TANK FIELD VES EFFLUENT AND THE READINGS HAVE DROPPED FROM 4700 TO 4000 PPM. JON HE ERKENS OF SAW ARRIVES ON SITE WITH THE PICTURES OF THE EXISTING TANK INSTALL, WHICH SHOW THE LOCATION OF THE VES IN RELATION TO THE TANKS . BASED ON THE PHOTOS, HEERKENS WILL INSTALL THE LARGE RECOVERY WELL IN AN AREA WITHIN THE TANK FIELD PEASTONE BUT OUTSIDE THE VES . SAW TO INSTALL A 16 INCH RECOVERY WELL.

11/16/2009: CH MEETS ON SITE WITH LOU FROM SAW WHO IS INSTALLING A NEW VES ALONG THE WEST SIDE OF THE WEST DISPENSERS. HE WILL TIE THIS LEG INTO THE EXISTING VES WHICH IS INSTALLED AROUND THE SOUTH AND WEST SIDE OF THE DISPENSER ISLAND. EFFLUENT ON THE SEWER VES IS 50 PPM USING SAW'S PID. THIS IS RIGHT AFTER STARTING THE VES BACK UP AFTER IT WAS SHUT DOWN FOR SEVERAL HOURS TO SEE IF VAPORS WOULD BUILD UP IN THE SEWERS. BEFORE SHUTTING IT DOWN THE READINGS WERE 14-17 PPM. THEY WERE GETTING APPROXIMATELY 3000 PPM ON THE TANK FIELD VES. CH CHECKS EFFLUENTS USING STATE PPB METER. SEWER VES IS 42 PPM AND TANK FIELD IS 1700 PPM.

11/20/2009: CH MEETS ON SITE WITH SAW WHO HAS EXTENDED THE EXCAVATION TO THE AREA BETWEEN THE EAST DISPENSERS AND THE WEST DISPENSER (CENTER OF DISPENSERS). THERE ARE FOUNDATION FOOTERS IN THIS AREA THAT ARE IMPEDING EXCAVATION . MOST OF THE CONTAMINATION IN THIS AREA IS OLD CONTAMINATION NOT ASSOCIATED WITH THE RECENT RELEASE OF SUPER UNLEADED . CH HAS SAW CHECK THE WEST TANK FIELD MONITORING WELL WITH THE INTERFACE . THERE IS APPROXIMATELY 1/2 INCH OF PRODUCT. CH CHECKS THE VES SYSTEMS. THE SEWER IS 15 PPM AND THE TANK FIELD 1500 PPM. THERE IS VERY LITTLE PRODUCT IN THE LARGE RECOVERY WELL SAW INSTALLED IN THE EAST END OF TANK FIELD . THERE IS ONLY ABOUT 9 INCHES OF WATER IN THE WELL. SAW TELLS CH THEY WILL NOT BE ABLE TO CONTINUE WITH EXCAVATING SOIL AT THE SITE NEXT WEEK BECAUSE THEY HAVE OTHER JOBS THEY MUST ATTEND TO . CH ADVISES SAW AND THE OWNER, TOM SCHAEFFER, THAT IF EXCAVATION DOES NOT CONTINUE NEXT WEEK THAT PRODUCT RECOVERY FROM THE WELLS MUST TAKE PLACE DAILY . THEY AGREE TO THAT . TOM SCHAEFFER SIGNS THE STIPULATION AGREEMENT AND HANDS IT OVER TO CH .

12/28/2009: CH MEETS ON SITE WITH LOU FROM SAW WHO IS EXCAVATING IMPACTED SOIL . NYTECH IS ON SITE WITH VAC TRUCK. THEY EXCAVATED THE NORTHWEST CORNER OF THE SITE AND GOT CLEAN SOILS . THE SOILS BACK TO THE EAST ARE STILL IMPACTED AND THEY WILL ADDRESS THIS AREA LATER AS THEY FEAR COMING IN CONTACT WITH THE PEA STONE AND ASSOICIATED WATER SURROUNDING THE TANKS . CURRENTLY THERE IS AN OPEN EXCAVATION ON THE NORTH SIDE OF THE DISPENSER ISLANDS . THEY HAVE SOME FREE PRODUCT COME INTO THE EXCAVATION NEAR THE NORTHEAST DISPENSER ISLAND . THEY VAC THIS OFF WITH THE WATER AND THEN DECANT THE WATER INTO THE WELL IN THE EASTERN PORTION OF THE TANK FIELD IN HOPES OF

FLUSING PRODUCT IN THE TANK FIELD TO THE WELL AT THE WEST END OF THE TANK FIELD . IT SEEMS TO BE WORKING TO SOME EXTENT. BECAUSE OF SEVERAL CONCRETE FOOTERS, THEY ARE LIMITED IN EXCAVATING BETWEEN THE STATION AND THE EASTERN DISPENSER ISLAND .

12/30/2009: JON HEERKENS CALLS TO REPORT THAT WHILE THEY WERE DIGGING IN THE NORTH PORTION OF THE SITE NEAR THE SEWER LATERAL, THEY ENCOUNTERED AN OLD LAID STONE FOUNDATION THAT WAS IN COMMUNICATION WITH THE SANITARY SEWER LATERAL . IN ADDITION THERE WAS AN OLD SANITARY LATERAL GOING FROM THE STONE FOUNDATION TOWARDS THE SANITARY SEWER IN SALTONSTALL STREET . THIS WOULD HAVE BEEN A DIRECT AVENUE FOR VAPORS TO TRAVEL FROM THE TANK PIT TO THE SANITARY SEWER . THERE WAS ALSO AN OLD WATER LINE THAT WAS STILL CHARGED AND LEAKING, WHICH WOULD EXPLAIN ALL THE WATER THAT WAS BEING GENERATED WHILE EXCAVATING . THESE WILL BE REMOVED AND BLANKED OFF.

02/04/2010: CH EMAILS JON HEERKENS FOR A SITE UPDATE . THE FOLLOWING IS JON'S EMAIL RESPONSE:
"Toms Mobil - No product in tank pit well as of Friday, our last pumping we skimmed for 8 hours and it appears that the product is gone from the tank pit. We are getting a FRAC tank delivered next week and shall be pumping out the entire tank pit, we found a tank that can fit in his rear
garage to avoid freezing. We will probably treat and discharge the water if it meets the POTW discharge levels after treatment. The adjacent down gradient well has minimal detections, (Benzene @ 8 ppb and Toluene @ 5 ppb) which is a very good sign, the tank pit water is @ 40 PPM dissolved though so we are going to get that all removed, it will probably need several dewatering evelotions to removed the slug of bad water and allow the VES to remove the vapors."

03/22/2010: THE DEPARTMENT RECEIVES THE FOLLOWING EMAIL FROM JON HEERKENS OF SAW AS AN UPDATE TO THE PROJECT:
"We have completed the following at Toms Mobil the past two months .
- Collected DNAPL through skimming the tank pit well and through the use of sorbents.
- Sampled the two (2) existing groundwater wells at the site, the tank pit well has had no detectable DNAPL since February, the product recovery efforts have been successful. The tank pit water was @ 40 PPM dissolved and the adjacent well had (MW-1) had 14 PPB when sampled on February 27, 2010.
- @ 6,600 gallons of water was vacuumed from the tank pit and placed in an on-site FRAC tank, the water was treated and the dissolved level was reduced to 10 PPM, The Canandiagua Treatment facility accepted the water and it was disposed of on 3-19-10. The tank pit groundwater which had recovered was pumped out again and the water placed in the FRAC tank for treatment and disposal, no DNAPL was encountered.
- The two groundwater wells will be sampled this week.
- The tank pit VES system effluent has been reduced to a recharge amount of 850 PPM and a static reading of 350 PPM, however the blower started to trip the breakers last week and will be changed out this week."

IN ADDITION CH HAS TELECON WITH HEERKENS REGARDING SITE AND CONDITIONS . CH HAS CONCERNS OVER ANY RESIDUAL VAPORS IMPACTING SEWERS AGAIN : HEERKENS EXPLAINS THAT ALL OLD SEWER TILES ENCOUNTERED DURING SOIL REMOVAL WERE PLUGGED AND SEALED WHEN ENCOUNTERED . HEERKENS STATES THE WELL JUST TO THE NORTH OF THE TANK PIT BETWEEN THE TANKS AND THE SEWER HAS VERY LOW IF NON DETECT GROUNDWATER ANALYTICAL . THERE IS STILL SOME SOIL RELATED TO A HISTORICAL SPILL THAT NEEDS TO BE REMOVED FROM THE SOUTHERN END OF THE DISPENSERS. THIS WILL BE ADDRESSED LATER THIS YEAR. HEERKENS WILL SUBMIT ALL INFORMATION AND DATA TO CH FOR REVIEW WITH A REQUEST FOR A LETTER FROM THE DEPARTMENT TO SCHAEFFER'S BANK THAT THE EMERGENCY SITUATION HAS BEEN REMEDIED AND THE SITE IS CURRENTLY IN A MONITORING AND ONGOING TREATMENT PHASE . CH AGREES TO LETTER PENDING DATA RESULTS . UPON RECEIPT OF THE LABORATORY DATA LATER THIS WEEK HOPEFULLY, WE CAN DOWNGRADE THIS SITE TO A VES AND GROUNDWATER MONITORING ONLY STATUS .

01/04/2011: CH REVIEWS FILE TO DETERMINE ACTIONS NEEDED AT THE SITE . IN THE FALL OF 2010, THE SITE OWNER TOM SCHAEFFER CONTACTED THE REGIONAL DIRECTOR REGARDING WHAT NEEDED TO BE DONE AT THE SITE TO GET CLOSURE. IN REVIEWING THE FILE CH FOUND SEVERAL REPORTS WITH SUMMARIES. THE FIRST REPORT WAS THE DECEMBER 2009 RAP THAT WAS SUBMITTED AND APPROVED FOR THE STIPULATION AGREEMENT. THE NEXT REPORT WAS A REMEDIATION SUMMARY REPORT DATED JANUARY 2010. THIS REPORT OUTLINED WORK PERFORMED FROM NOVEMBER 8, 2009 TO JANUARY 2010. DURING THIS PERIOD IMPACTED SOIL WAS REMOVED FROM THE NORTH SIDE OF THE TANK FARM AND PUMP ISLAND, IN AND AROUND THE PUMP ISLAND AND TO THE WEST OF THE PUMP ISLAND . IMPACTED GROUNDWATER WAS PUMPED FROM THE SOIL

REMOVAL EXCAVATIONS AND THE TANK PIT AND WAS PROPERLY DISPOSED OF . THREE VES SYSTEMS WERE IN PLACE AND OPERATIONAL. CONFIRMATORY SOIL SAMPLES OF THE SOIL REMOVAL EXCAVATION WERE TAKEN . OF THE TWELVE SAMPLES TAKEN TWO HAD EXCEEDANCES OF TAGM VALUES . THE ONE LOCATED IN THE NORTH WALL OF THE NORTHERN MOST EXCAVATION CANNOT BE FURTHER ADDRESSED BECAUSE OF THE CLOSE PROXIMITY TO SALTONSTALL STREET AND UNDERGROUND UTILITIES . THE OTHER SAMPLE WAS LOCATED IN THE WEST WALL OF THE NORTH EXCAVTION JUST NORTH OF THE DISPENSER ISLAND AND SAW PROPOSES THIS AREA BE ADDRESSED IN THE SPRING OF 2010 WHEN A TANK CONTRACTOR IS TO REINSTALL THE GASOLINE DISPENSING SYSTEM. (THIS WORK WAS NOT PERFORMED.) THE LATEST REPORT WAS AN APRIL 2010 REMEDIATION ACTIVITY REPORT. THIS OUTLINED WORK PERFORMED TO DATE AS WELL AS THE WORK DONE BETWEEN JANUARY 2010 AND APRIL 2010. THE TOTAL AMOUNT OF WATER RECOVERED, TREATED AND DISPOSED OF WAS APPROXIMATLEY 27000 GALLONS. APPROXIMATELY 700 GALLONS OF FREE PRODUCT WAS RECOVERED AND DISPOSED OF AND APPROXIMATELY 827.5 TONS OF IMPACTED SOIL WAS REMOVED AND PROPERLY DISPOSED OF. AT THE TIME OF THE REPORT ONLY ONE VES SYSTEM WAS STILL OPERATIONAL . THIS WAS THE SYSTEM ADDRESSING THE TANK FIELD . GROUNDWATER SAMPLES INDICATED THE GROUNDWATER IN THE TANK FIELD WAS STILL IMPACTED AND LEVELS HAD ACTUALLY INCREASED OVER THE LAST COUPLE MONTHS. THERE HAS BEEN NO REACCUMULATION OF FREE PRODUCT IN MW-4 SINCE VACUUM EVENTS WERE STARTED. THE REPORT LIST FUTURE SITE WORK TO BE PERFORMED PER THE STIPULATION AGREEMENT AS : 1) REMOVE THE ADDITIONAL SOILS THAT ARE ABOVE TAGMS . THIS IS THE SOIL IDENTIFIED FROM POST EXCAVTION SAMPLES IN THE NORTH WEST EXCAVATION AND THE SOILS IDENTIFIED FROM PREVIOUS INVESTIGATION AS HISTORIC CONTAMINATION IN THE SOUTH PORTION OF THE SITE . 2) CONTINUE OPERATION OF THE TANK FIELD VES. 3) PUMP AND TREAT THE TANK FIELD WATER . 4) INSTALL 3 ADDITIONAL 2 INCH GROUNDWATER MONITORING WELLS TO CONFIRM GROUNDWATER FLOW DIRECTION AND CONTAMINANT DISTRIBUTION . CH WILL DRAFT LETTER REQUESTING OUTLINED WORK ALONG WITH REPORTING REQUIREMENTS.

01/19/2011: CH MEETS WITH PM & SR TO DISCUSS SITE. ON JAN 6,2011 CH SENT SCHAEFFER A LETTER WITH REQUIREMENTS TO COMPLY WITH STIP. MAJOR ACTIONS WERE, GROUNDWATER SAMPLING, OPERATION OF TANK FIELD VES, IMPACTED SOIL REMOVAL, INSTALLATION OF ADDITIONAL MONITORING WELLS AND PUMP AND TREAT IMPACTED WATER IN TANK FIELD . SHAEFFER CALLED CH REGARDING LETTER AND REQUEST. SCHAEFFER AGREED TO SAMPLE WELLS AND OPERATE VES. HE DID NOT THINK THERE WAS ANY REMAINING IMPACTED SOIL THAT NEEDED REMOVAL. HE AGREED TO INSTALL ADDITIONAL WELLS BUT WANTED TO DO SO USING AN EXCAVATOR. HE DID NOT COMMIT TO TREATING THE WATER IN THE TANK PIT . PM & SR AGREE TO ALLOW WELL INSTALLATION WITH EXCAVATOR, BUT MUST HAVE QUALIFIED PERSON TO LOG WELLS WITH SOIL DESCRIPTION AND ENSURE PROPER WELLS SCREEN AND PACK. ADDITIONAL SOIL REMOVAL MAY BE WAIVED IF NEW WELLS ARE INSTALLED IN AREAS OF CONCERN AND SOIL SCREENING SHOWS MINIMAL IMPACTS . CH TO DRAFT LETTER WITH SPECIFIC REQUIREMENTS.

01/27/2011: DEPT RECEIVES SAMPLE RESULTS FROM TWO MONITORING WELLS AT SITE . SAMPLES COLLECTED BY TOM SCHAEFFER. WELLS MW-1 AND MW-4 SAMPLED. BOTH HAVE IMPACTS. MW-1 HAS 266 PPB BENZENE AND APPROXIMATELY 1700 PPB BTEX, MW-4 HAS 1100 PPB BENZENE AND APPROX 35000 PPB BTEX. SAMPLES WERE COLLECTED ON 1/18/11.

06/16/2011: THE DEPT RECEIVES SAMPLE RESULTS FROM THE TWO WELLS SAMPLED AT THE STATION . MW-1 AND MW-4 SAMPLED. MW-1 IS THE WELL ADJACENT TO THE NE END OF THE DISPENSERS. MW-4 IS THE WELL LOCATED AT THE EAST END OF THE TANK FIELD AND IS A TANK FIELD MONITORING WELL .

07/18/2011: CH MEETS ON SITE WITH TOM SHAEFFER, WHO STATES HE HAS NOT INSTALLED THE NEW MONITORING WELLS YET. HE IS WAITING FOR INDIVIDUAL WHO IS GOING TO INSTALL THE WELLS TO BE AVAILABLE. HE HAS BEEN CIRCULATING THE WATER IN THE TANK FIELD BY PUMPING THE WATER FROM THE EAST WELL TO THE WEST WELL OR VICE VERSA. HE ALTERNATES WELLS AND INTROUDUCES DAWN DISH DETERGENT TO THE GROUNDWATER TO BREAK SOME OF THE CONTAMINATION FREE FROM THE SOILS . SHAEFFER WANTS CH TO CHECK THE VES EFFLUENT WITH PID. HE STATES HE ONLY RUNS IT DURING THE WEEK . CH CHECKS THE EFFLUENT AND GETS A HIGH OF 2 PPM. CH ADVISES SHAEFFER TO SHUT SYSTEM DOWN FOR A COUPLE WEEKS AND THEN CONTACT CH TO CHECK EFFLUENT AGAIN . SHAEFFER ASK CH IF THE DEPT HAS RECEIVED THE LAST GROUNDWATER SAMPLING RESULTS FROM 2-3 WEEKS AGO. THE DEPT HAS NOT.

10/21/2011: CH TELECON WITH TOM SCHAFFER. SAMPLE RESULTS FOR MW-1, MW-4 AND MW

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 0908882

SPILL NAME: TOM'S MOBIL **DEC LEAD:** CAHETTEN

10/21/2011: CH TELECON WITH TOM SCHAFFER. SAMPLE RESULTS FOR MW-1, MW-4 AND MW -3(THE NEWLY INSTALLED WELL) HAVE BEEN RECEIVED FROM THE LAB. TOM TO EMAIL TO CH FOR REVIEW. TOM STATES THE LAB HAS THE WELL NUMBERS MIXED UP FOR THESE RESULTS . LAB RESULTS HAVE MW-4 THE END OF TANK FIELD AS MW2. THE OTHERS SHOULD BE OK.

07/24/2012: THE DEPT RECEIVES GROUNDWATER SAMPLE RESULTS FROM LAB ON BEHALF OF TOM SHAEFFER . THE LAST PREVIOUS SAMPLING WAS DONE IN OCT 2011. IT APPEARS THE WELL NUMBERS MAY HAVE BEEN MIXED UP AS THE RESULTS ARE NOT CONSISTENT WITH PREVIOUS SAMPLING RESULTS . NONE THE LESS TOTAL VOC'S ARE OVER 20,000 PPB IN ONE WELL WHICH IS BELIEVED TO BE THE WELL IN THE EASTERN PART OF THE TANK FIELD (MW-4) BENZENE LEVELS ARE ABOVE 100 PPB IN TWO OF THE THREE WELLS. 125 PPB IN MW-1 AND 273PPB IN MW-4. SHAEFFER IS REQUESTING CLOSURE. THE DEPT CANNOT GRANT CLOSURE AT THIS POINT . THERE IS SOME QUESTION AS TO THE LAB HAVING THE CORRECT WELL # AND CONSISTENCY . ADDITIONALLY THE DEPT HAD ORIGIANLLY REQUESTED A WELL BE PLACED IN THE NW CORNER OF THE PROPERTY TO EVALUATE SUB SURFACE CONDITIONS AS RECOMMENDED IN SAW'S ORIGINAL WORK PLAN . SHAEFFER INSTALLED A DUG WELL TO THE NORTH OF THE ISLAND, BUT THE DEPT QUESTIONS WHETHER THE WELL IS CLOSE ENOUGH TO THE AREA OF CONCERN OR IF ADDITIONAL WELL, BORING OR TEST PIT IS NECESSARY . THE DEPT WOULD LIKE TO SEE AT LEAST ONE MORE ROUND OF SAMPLING AND BE ON SITE WHEN SAMPLING IS PERFORMED TO GET THE RIGHT WELL # WITH LOCATION . CH ALSO RECOMMENDS DEVELOPING ORIGINAL WELL JUST TO THE NORTH OF THE TANK PIT AND SAMPLING THAT .

08/27/12: CH MEEST ON SITE WITH TOM SHAEFFER AND PETE MORTON OF RAVI ENGINEERING TO DISCUSS WHAT ACTIONS NEED TO BE DONE TO CLOSE OUT THE SPILL AT THE SITE . OF CONCERN HAS BEEN THE MISNUMBERING OF THE WELLS DURING PAST SAMPLING EVENTS. CH WOULD LIKE TO HAVE THIS CLARIFIED. SHAEFFER STATES WELL #1 IS THE WELL AT THE NORTH END OF THE EAST DISPENSER ISLAND . WELL #2 IS AT THE EAST END OF THE TANK PIT. WELL #3 IS THE NEWLY INSTALLED WELL ON THE NORTH SIDE OF THE DISPENSER ISLAND . THE OLD WELL TO THE NORTH OF THE TANK PIT WILL BE DESIGNATED AS WELL # 4. CH REQUEST TO BE PRESENT FOR THE NEXT ROUND OF SAMPLING. CH REQUEST THAT A TEST PIT OR A BORING BE PLACED IN THE NW CORNER OF THE SITE. THIS REQUEST WAS PART OF THE ORIGINAL WORK PLAN AND HAS BEEN REQUESTED BY THE DEPT IN THE PAST. CH STATES A DEPT REPRESENTATIVE MUST BE ON SITE FOR THE BORING OR TEST PIT . CH STATES BECAUSE DISSOLVED LEVELS OF GASOLINE IN THE GROUNDWATER ARE STILL ABOVE DEPT GUIDANCE, IT MIGHT BE EFFECTIVE TO DEWATER THE TANK PIT ON SEVERAL OCCASIONS AND DISPOSE OF THE WATER IN THE SANITARY SEWER . THEY MAY NEED TO TREAT WATER PRIOR TO DISCHARGING TO THE SEWER . CH RECOMMENDS SEVERAL DEWATERING EVENTS FOLLOWED BY SAMPLING IN OCTOBER 2012. CH RECOMMENDS DEVELOPING WELL #4 AND BRINGING THAT INTO SAMPLING SCHEDULE IN FUTURE. THE PRESENCE OF CONTAMINATION IN THE SOUTHERN PORTION OF THE SITE IS DISCUSSED . CH STATES BECAUSE OF INFORMATION GATHERED IN PAST INVESTIGATIONS THE CONTAMINATION DOES NOT APPEAR TO BE RECENT AND IS NOT OF HIGH ENOUGH CONCENTRATIONS TO WARRANT REMEDIATION AT THIS TIME . IF FUTURE SITE WORK DISTURBS OR COMES IN CONTACT WITH THE HISTORICAL IMPACTS TO THE SOUTH IT WOULD BE ADDRESSED AT THAT TIME . AT THE POINT THE DEPT GRANTS CLOSURE OF THE SPILL IT WILL REQUIRE A SGMP BE DEVELOPED AND PUT IN PLACE FOR THE SITE.

09/5/12: THE DEPT RECEIVES LETTER FROM RAVI ENG CONFIRMING ACTIONS BROUGHT UP IN AUGUST 27TH ON SITE MEETING.

09/14/12: CH SENDS EMAIL TO RAVI ENG INQUIRING WHETHER THEY WANT WRITTEN APPROVAL OF THIER 9/15/12 WORK PLAN LETTER OR IF SHAEFFER IS JUST GOING TO PROCEED WITH THE WORK. CH RECEIVES NO RESPONSE.

10/19/12: CH EMAILS RAVI INQUIRING AS TO THE STATUS OF THE SITE . PETE MORTON RESPONDS THAT HE CONTACTED SHAEFFER AFTER CH'S 9/14/12 EMAIL AND HE HASN'T HEARD FROM SHAEFFER SINCE. MORTON WILL NOTIFY CH IF SHAEFFER GETS HIM INVOLVED AGAIN . CH TO CONTACT SHAEFFER REGARDING SITE STATUS .

10/23/12: CH CALLS SHAEFFER, WHO STATES HE IS WAITING ON A CONTRACTOR TO PERFO RM THE TEST PIT IN THE NW CORNER OF THE SITE. THE CONTRACTOR HAS BEEN TIED UP ON OTHER JOBS AND KEEPS PUTTING IT OFF. SHAEFFER HAS NOT PERFORMED ANY DEWATERING AT THE SITE . HE STATES HE WAS GOING TO WAIT UNTIL TEST PIT WAS INSTALLED AND DEWATER FROM THERE BECAUSE IT IS CLOSER TO A

SEWER MANHOLE. CH ADVISES SHAEFFER THAT THIS IS NOT ACCEPTABLE BECAUSE IT WOULD DRAW CONTAMINATION FROM TANK PIT AREA ACROSS THE SITE . CH DIRECTS SHAEFFER TO DEWATER FROM THE TANK PIT AS AGREED ON IN AUGUST ON SITE MEETING . SHAEFFER AGREES AND WILL CONTACT CONTRACTOR AGAIN ABOUT TEST PIT.

07/19/13: CH ON SITE WITH TOM SHAEFFER. WHILE ON VACATION, CH HAD RECEIVED SEVERAL CALLS FROM SHAEFFER REGARDING THE SITE. SHAEFFER HAD DUG THE EXCAVATION WITHOUT NOTIFYING CH AND BECAUSE CH WAS ON VACATION OUT OF THE COUNTRY, CH DID NOT RECIEVE THE MESSAGES AND COULD NOT GET OTHER DEC STAFF TO INSPECT THE SITE. HE DID NOT GET A UTILITY STAKE OUT AND THE CITY WOULD NOT LET HIM LEAVE THE EXCAVATION OPEN SO HE HAD TO FILL IT IN . CH ADVISES HIM THE EXCAVATION WILL HAVE TO BE OPENED AGAIN AND TO NOTIFY THE DEPT PRIOR TO DIGGING TO ALLOW FOR SCHEDULING DEPT OVER SITE . HE HAS NOT BEEN DEWATERING THE TANK PIT . HE STATES WATER APPEARS CLEAN . CH ADVISES SHAEFFER TO SAMPLE GROUNDWATER AND IF CLEAN HE WILL NOT HAVE TO DEWATER . SHAEFFER WILL SAMPLE AND FORWARD SAMPLE RESULTS TO THE DEPT . HE WILL CALL FOR STAKEOUT AND DIG IN NW CORNER AGAIN .

08/12/13: CH MEETS ON SITE WITH TOM SHAEFFER. THE REQUESTED EXCAVATION IN THE NW CORENER OF THE PROPERTY HAS BEEN DUG. HOWEVER SHAEFFER WAS TO NOTIFY THE DEPT PRIOR TO THE EXCAVATION TO ALLOW FOR THE DEPT TO BE ON SITE TO VIEW THE ACTUAL DIGGING . HE DID NOT MAKE NOTIFICATION PRIOR. CH TAKES SAMPLES FROM THE AREAS OF THE EXCAVATED SOIL PILE THAT SHAEFFER STATES CAME FROM THE BOTTOM OF THE EXCAVATION WHERE THE MOST CONTAMINATED MATERIAL SHOULD BE LOCATED . CH TAKES HEAD SPACE READINGS OF THESE SAMPLES USING PPB METER. THE DEEPEST AREA WAS APPROX 9 FT BGS. THE SOIL IS TIGHT CLAY AT 9 FT. PID READING OF THIS SAMPLE IS APPROX 150 PPM AT PEAK, BUT IT DROPS OFF QUICKLY. A SAMPLE FROM APPROX 5 FT BGS HAS READING OF 0 PPM. CH COLLECTS 2ND SAMPLE FROM 9 FT SOILS THIS TIME FROM SOIL IN MIDDLE OF PILE. READING PEAKS AT 15 PPM. MUCH OF THE SOIL PILE IS 0-PPM. CH TAKES A SHOVEL AND COLLECTS SOIL SAMPLES FROM THE NORTH WALL OF THE EXCAVATION . JUST ABOVE THE WATER IN THE EXCAVATION, WHICH IS APPROX 3-1/2 FT BGS, THE SOILS ARE A COARSE SAND AND ARE STAINED BLACK WITH AN ODOR OF GASOLINE. THE HEADSPACE OF THIS SOIL IS APPROX 400 PPM. SOIL JUST ABOVE THIS BLACK STAINED SOIL IS COLLECTED AT APPROX 3 FT BGS AND HEAD SPACE TAKEN . SOIL AT 3FT IS APPROX 25 PPM. THE COARSE SAND LENSE IS APPROX 6 INCHES THICK AND DOES NOT EXTEND ACROSS THE ENTIRE EXCAVATION . IT APPEARS IT MAY HAVE BEEN USED AS BACK FILL OF A FORMER ELECTRIC LINE . THERE ARE SOME OLD ELECTRIC LINES, WOOD AND BRICK IN THE EXCAVATION . SHAEFFER HAD INSTALLED TWO EXCAVATED WELLS IN THE AREA OF THE REQUESTED EXCAVATION . ONE WAS IN THE EXCAVATION AND THUS WAS REMOVED . THE SECOND WAS JUST TO THE EAST OF THE EXCAVATION . RECENT GW SAMPLING INDICATES THE WELL JUST TO THE EAST WAS CLEAN. CH REVIEWS SAMPLING RESULTS FROM THE JULY 26,2013 SAMPLING. THE WELL SHAEFFER EXCAVATED HAD TOTAL BTEX OF 273.10 PPB. BENZENE WAS 20.4 PPB. MTBE less than 2PPB. ALTHOUGH THERE IS SOME CONTAMINATION IN THE EXCAVATION, IT DOES NOT APPEAR TO BE SIGNIFICANT OR WIDESPREAD. CH BELIEVES THERE ARE PROBABLY HOT SPOTS ACROSS THE SITE LOCATED WHERE THERE ARE POCKETS OF CONSTRUCTION DEBRIS AND FILL. REVIEW OF THE GROUNDWATER SAMPLING RESULTS SHOWS THE WELL ON THE EAST END OF THE TANK FIELD IS STILL HOT . CH DIRECTS SHAEFFER TO DEWATER THE THE TANK FIELD AND COLLECT AND DISPOSE OF WATER OR GET PERMISSION FROM THE CITY TO DISCHARGE WATER TO THE WWTP. THE WELL LOCATED CLOSEST TO THE SPILL AREA IS NOW REALITIVELY CLEAN . SHAEFFER TO CONTACT THE CITY AND ARRANGE FOR DISCHARGE TO THE SEWER SYSTEM .

02/11/14: CH TELECON WITH SHAEFFER REGARDI
NG SITE GROUNDWATER SAMPLING. IN DECEMBER 2013 CH HAD CONVERSATION WITH SHAEFFER REGARDING SITE REMEDIATION (DEWATERING TANK FIELD) AND SITE SAMPLING. SHAEFFER HAD STATED THEY DID DEWATERING FROM APPROX MID OCTOBER 2013 TO FIRST OF NOVEMBER(APPROX 2 WEEKS) HE HAD NOT SAMPLED GW AFTER DEWATERING, BUT WILL COLLECT SAMPLE NOW (DECEMBER) CH ASK TODAY IF SAMPLING WAS PERFORMED IN DECEMBER. SHAEFFER SAYS NO, BUT WILL COLLECT ONE THIS WEEK AND HAVE RESULTS FORWARDED TO DEC. HE ALSO STATES HE HAS FILED FOR BANKRUPTCY .

02/18/14: CH CONTACTS PARADIGM LABS TO SEE IF THEY HAVE ANY GW SAMPLING RESULTS THAT THE DEPT DOES NOT HAVE. THE ONLY SAMPLING EVENT THE DEPT DOES NOT HAVE RESULTS FROM PARADIGM IS FOR THE JULY 26, 2013 EVENT. THE LAB FORWARDS THOSE RESULTS TO THE DEPT FOR REVIEW . ON THAT DATE MW-1 THRU MW-4 WERE SAMPLED. MW-1 HAD 61 PPB TOTAL VOC'S WITH 17.1 PPB BENZENE, WHICH WAS ALSO THE HIGHEST SINGLE COMPOUND CONCENTRATION. MW-2 HAD 9584 PPB TOTAL VOC'S WITH 58.7 PPB BENZENE. M-P

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 0908882

SPILL NAME: TOM'S MOBIL **DEC LEAD:** CAHETTEN

XYLENE WERE THE HIGHEST CONCENTRATION AT 4890 PPB. MW-3 HAD ALL COMPOUNDS BELOW DETECTION LIMITS. MW-4 HAD 273.14 PPB TOTAL VOC'S WITH BENZENE AT 20.4 PPB. THE XYLENES HAD THE HIGHEST CONCENTRATIONS WITH MP XYLENE AT 93.8 AND O-XYLENE AT 81.5.

04/17/14: TOM SHAEFFER FAXES LATEST SAMPLING RESULTS . ONLY MW-1 SAMPLED AS THE ONE WELL IN THE NW CORNER WAS DESTROYED WHEN TEST PIT CONSTRUCTED. THE WELL WAS SAMPLED ON 3/20/14. THE SAMPLING WAS DONE POST DEWATERING AND TREATMENT OF THE WATER IN THE TANK FIELD . THE RESULTS ARE MUCH LOWER THAN IN THE PAST. BENZENE 4.91 PPB, M,P-XYLENE 58 PPB (HIGHEST CONCENTRATION)1,2,4, TRIMETHYLBENZENE 34.1 PPB, ETHYLBENZENE 23.4 PPB, O-XYLENE 13.5 PPB, ALL OTHERS LESS THAN 10 PPB OR ND. IF CONSISTENT WITH PAST SAMPLING, MW-1 IS THE WELL ON THE NORTH END OF THE EASTERN DISPENSER ISLAND. TOTAL BTEX 145.81 PPB. CH TO CONFIRM WITH SHAEFFER.

04/29/14: CH STOPS AT SITE TO SEE IF SHAEFFER IS PRESENT AND CAN CLARIFY THE SAMPLING LOCATION . ONE OF SHAEFFER'S EMPLOYEES IS AT THE SITE AND CONFIRMS THE LATEST SAMPLE WAS TAKEN FROM THE WELL LOCATED IN THE EAST PORTION OF THE TANK FIELD . BASED ON THIS INFO, CH WILL REQUEST A SGMP FROM SHAEFFER AND ON RECEIPT OF SGMP WILL CLOSE THE SPILL.

11/25/2014: LETTER SENT TO TOM SCHAEFFER REQUESTING SAMPLING OF ALL WELLS AND A SGMP BY DECEMBER 26, 2014. REQUEST ALSO SENT ASKING FOR ACCESS IF DEADLINE NOT MET .

PIN **T & A** **COST CENTER**

CLASS: A3 **CLOSE DATE:** **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 8180527

SPILL NAME: SAMS SERVICE CENTER **DEC LEAD:** BWFINSTE

SPILL DATE: 05/27/1981 **SPILL TIME:** 2:00 am

CALL RECEIVED DATE: 05/28/1981 **RECEIVED TIME:** 2:55 am

SPILL LOCATION

PLACE: SAMS SERVICE CENTER **COUNTY:** Ontario

STREET: 267 SOUTH MAIN STREET **TOWN/CITY:** Canandaigua

COMMUNITY: CANANDAIGUA

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Unknown **WATERBODY:** GROUND WATER

CALLER REMARKS:

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
Gasoline	Petroleum	0 G	0 G	GW,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
SAMS SERVICE CENTER	ZZ	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AS"

06/10/80: SAM'S SERVICE CENTER, GASOLINE TANK TAKING ON WATER .

THE FIBERGLASS TANK WAS EXPOSED, ENTERED, A STAR SHAPED CRACK FOUND UNDER THE STICK OPENING AN 18" SQUARE PATCH APPLIED . TANK TO BE RE-KENT MOORED. NO GASOLINE LOST (ONLY WATER GAINED).

PERSONNEL ON SCENE: A. SMITH/ART FELLOWS OF DOT.

03/24/2004: PAPER FILE REMOVED PER FILE RETENTION POLICY.

PIN **T & A** **COST CENTER**

Created On: 02/04/1993

Date Printed: 1/27/2015 Last Updated: 03/24/2004

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 8180527

SPILL NAME: SAMS SERVICE CENTER **DEC LEAD:** BWFINSTE

CLASS: **CLOSE DATE:** 01/01/1983 **MEETS STANDARDS:** True

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 8604669

SPILL NAME: MOBIL - CANANDAIGUA **DEC LEAD:** BWFINSTE

SPILL DATE: 10/21/1986 **SPILL TIME:** 4:25 pm

CALL RECEIVED DATE: 10/21/1986 **RECEIVED TIME:** 4:30 pm

SPILL LOCATION

PLACE: MOBIL - CANANDAIGUA **COUNTY:** Ontario

STREET: 267 SOUTH MAIN **TOWN/CITY:** Canandaigua

COMMUNITY: CANANDAIGUA

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Tank Failure **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Gasoline Station or other PBS Facility **WATERBODY:**

CALLER REMARKS:
SCOTT SLAUGHTER, 716-328-7824, TANK TESTER. 10,000 GALLON TANK FAILURE

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
UNKNOWN PETROLEUM	Petroleum	0 L	0 L	Soil,
UNKNOWN HAZARDOUS MATERIAL	Hazardous Material	0 L	0 L	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
MOBIL OIL CORP	267 SOUTH MAIN STREET CANANDAIGUA NY	(703) 849-5370

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "WW"
/ / : PUMPING OUT TANK NOW - MOBIL HIRED CONTRACTOR - WILL PULL TANK. NO FURTHER ACTION BY DEC.

03/24/2004: PAPER FILE REMOVED PER FILE RETENTION POLICY.

PIN **T & A** **COST CENTER**

CLASS: **CLOSE DATE:** 03/31/1987 **MEETS STANDARDS:** True

Created On: 10/22/1986

Date Printed: 1/27/2015 Last Updated: 03/24/2004

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 9408512

SPILL NAME: TOMS MOBIL **DEC LEAD:** DLTILTON

SPILL DATE: 09/26/1994 **SPILL TIME:** 11:35 am

CALL RECEIVED DATE: 09/26/1994 **RECEIVED TIME:** 11:48 am

SPILL LOCATION

PLACE: TOMS MOBIL **COUNTY:** Ontario

STREET: 267 SOUTH MAIN STREET **TOWN/CITY:** Canandaigua

COMMUNITY: CANANDAIGUA

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Human Error **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Gasoline Station or other PBS Facility **WATERBODY:**

CALLER REMARKS:

CALLER REPORTED SPILLING 1-2 GALS OF GASOLINE ON TO GROUNDWATER FROM BROKEN SUBMERSIBLE PUMP. GROUNDWATER HIGH & MATERIAL SPILLED WHEN REMOVING SUBMERSIBLE PUMP FROM UNDERGROUND TANK BEING REMOVED.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
Gasoline	Petroleum	2 G	0 G	GW,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
TOM SCHAEFFER	SAME ZZ	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DT"
09/26/94: TILTON ON SITE; SLIGHT ODOR OF PETROLEUM IN SAND & SHEEN ON WATER IN EXCAVATION . ABSCOPE TO TRY & REMOVE CONTAMINATED SOIL TO BACKGROUND & SAMPLE SIDEWALLS & WATER . CONTAMINATED SOIL TO BE STOCKPILED.

09/26/94: ...ON SITE ON PLASTIC & COVERED W/PLASTIC. WILL FORWARD PROPER SAMPLES AND REMEDIAL PLAN TO DEPT.

09/27/94: OWNER UNSURE AS TO WHETHER OR NOT CONTAMINATED SOIL IS PRESENT AND HE IS DOING OWN REMOVAL WORK. CALLER SAID THREE UNDERGROUND TANKS ARE BEING REMOVED.

10/03/94: T WALSH TELCON W/JOHN HERKENS OF SAW ENVIRONMENTAL. SAW ENVIRONMENTAL TO PROPOSE REMEDIAL PLANT TO DEPT.

12/01/94: D TILTON MET W/JON HEERKENS OF SAW ENV; HEERKENS TO SET UP ONSITE MEETING TO DISCUSS MONITORING & FURTHER REMEDIAL WORK. ALSO PROVIDING DEPT W/ONGOING REMEDIATION.

NYSDEC SPILL REPORT FORM

DEC REGION: 8 **SPILL NUMBER:** 9408512

SPILL NAME: TOMS MOBIL **DEC LEAD:** DLTILTON

04/05/95: D TILTON ON SITE; PVC PIPE RUNNING TO BLOWER IS BROKEN OFF. I SPOKE W/OWNER WHO STATED SAW ENVIRONMENTAL WILL REPAIR TODAY . SOIL PILE PROPERLY COVERED.

05/24/95: CH MEETS W/HEERKENS OF SAW ENV; V.E.S. IS OPERATIONAL. HIGH GROUNDWATER OVER WINTER. SW CONTAMINATION IS DECREASING. REMEDICATION WILL CONTINUE AS IS.

06/21/95: CH ON SITE; V.E.S. IS NOT OPERATIONAL. MUST CONTACT HEERKENS OF SAW ENVIRON TO FIND OUT WHY ITS NOT OPERATING.

09/26/95: BLOWER NOT OPERATING AND PIPING IS BROKEN. TILTON TO CONTACT S .A.W. ENVIRONMENTAL.

02/11/2004 BASED ON REVIEW OF DATABASE, NO FURTHER ACTION IS NEEDED BY SPILLS .

02/26/09: PAPER FILE REMOVED PER FILE RETENTION POLICY.

PIN **T & A** **COST CENTER**

CLASS: B3 **CLOSE DATE:** 02/11/2004 **MEETS STANDARDS:** False

5. NYSDEC Petroleum Bulk Storage Program Facility Information Report

PBS # : 8-495484

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Petroleum Bulk Storage Program
Facility Information Report

Printed : 2/11/2015 pbsfacrpt_foil.rpt

Site Information

TOM'S MOBIL
267 SOUTH MAIN STREET
CANANDAIGUA, NY 14424

Tax Map Information

Borough/Section:
Block:
Lot:

Site Owner Information

J THOMAS SCHAEFFER
3469 RT 488
CLIFTON SPRINGS, NY 14432

(585) 394-1127

Owner Type : Private Resident

Mail Correspondent Information

TOM'S MOBIL
267 SOUTH MAIN STREET
CANANDAIGUA, NY 14424

ATTN: J THOMAS SCHAEFFER

(585) 394-3733

Site Phone: (585) 394-3733
Town: Canandaigua County: Ontario
Class B (On-Site) Operator: J THOMAS SCHAEFFER
Class A (Primary) Operator:
Emergency Contact: J THOMAS SCHAEFFER

Authorized Representative: J THOMAS SCHAEFFER
Emergency Phone: (585) 394-1127

Site Status : Active
Site Type: Retail Gasoline Sales

Reg Expires : 12/18/2014 Cert Printed: 09/03/2010 Total Active Tanks : 5 Last Inspected: 05/02/2012
Cert Issued: 08/27/2010 Total Active Capacity : 18,825 Inspected By: TFGRASEK

(2) Tank No	(3) Tank Loc	(4) Status	(5) Date Install	(5) Date Closed	(6) Capacity (gals)	(7) Product	(8) Tank Type	(9) Tank IP	(10) Tank EP	(11) Tank SC	(12) Tank LD	(13) Tank OP	(14) Tank SP	(15) Tank Disp	(16) Pipe Loc	(17) Pipe Type	(18) Pipe EP	(19) Pipe SC	(20) Pipe LD	(21) UDC	Last Test Date	Next Test Date	Tank Owner
001	5	1	10/01/1994		10,000	0009	01	00	01 02	04	01 05	02	01	01	02	08	04 05	04	01 07				
002	5	1	10/01/1994		5,000	0009	01	00	01 02	04	01 05	02	01	01	02	08	04 05	04	01 07				
003	5	1	11/01/1989		3,000	0008	01	00	01 02	04	02	01	01	02	02	06	04	00	09				
004	5	1	11/01/1989		550	2722	01	00	01 02	04	02	01	01	02	02	06	04	00	09				
005	3	1	05/01/2005		275	2642	01	00	01	00	00	04	00	02	01	10	00	00	00				
001X	5	3	10/01/1981	10/01/1994	6,000	0009	06	00	04	00	04	00		01	02	02	00						
002X	5	3	12/01/1986	10/01/1994	6,000	0009	04	00	04	00	04	00		01	02	02	00						
005X	5	3	12/01/1986	10/01/1994	6,000	0009	04	00	04	00	04	00		01	02	02	00						

(See Reverse Side or Last Page for Code Keys)

PETROLEUM BULK STORAGE APLICATION - SECTION B - TANK INFORMATION - CODE KEYS

Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/Reline Tank

Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, leggs, stilts, rack or cradle
4. Aboveground with 10% or more below ground
5. Underground
6. Aboveground in Subterranean Vault w/access for inspections

Status (4)

1. In-service
2. Temporarily out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Products Stored (7)

Heating Oils: On-Site Consumption

0001. #2 Fuel Oil
0002. #4 Fuel Oil
0259. #5 Fuel Oil
0003. #6 Fuel Oil
0012. Kerosene
0591. Clarified Oil
2711. Biodiesel (Heating)
2642. Used Oil (Heating)

Heating Oils: Resale/ Redistribution

2718. #2 Fuel Oil
2719. #4 Fuel Oil
2720. #5 Fuel Oil
2721. #6 Fuel Oil
2722. Kerosene
2723. Clarified Oil
2724. Biodiesel (Heating)

Motor Fuels

0009. Gasoline
2712. Gasoline/Ethanol
0008. Diesel
2710. Biodiesel
0011. Jet Fuel
1044. Jer Fuel (Biofuel)
2641. Aviation Gasoline

Lubricating/Cutting Oils

0013. Lube Oil
0015. Motor Oil
1045. Gear/Spindle Oil
0010. Hydraulic Oil
0007. Cutting Oil
0021. Transmission Fluid
1836. Turbine Oil
0308. Petroleum Grease

Oils Used as Building Materials

2626. Asphaltic Emulsions
0748. Form Oil

Petroleum Spirits

0014. White/Mineral Spirits
1731. Naptha

Mineral/Insulating Oils

0020. Insulating Oil (e.g., Transformer, Cable Oil)
2630. Mineral Oil

Waste/Used/Other Oils

0022 Waste/Used Oil
9999. Other-Please list:*

Crude Oil

0006. Crude Oil
0701. Crude Oil Fractions

Tank Type (8)

01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-Please list:*

Internal Protection (9)

00. None
01 Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-Please list:*

External Protection (10/18)

00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07 Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-Please list:*

Tank Secondary Containment (11)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (Underground Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation Liner
09. Modified Double-Walled (Aboveground Only)
10. Impervious Underlayment (Aboveground Only)**
11. Double Bottom (Aboveground Only)**
12. Double-Walled (Aboveground Only)

Tank Leak Detection (12)

00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (Auto Tank Gauge)
06. Impervious Barrier/Concrete Pad (Aboveground Only)
99. Other-Please list:*

Overfill Protection (13)

00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-Off
04. Product Level Gauge (Aboveground Only)
05. Vent Whistle
99. Other-Please list:*

Spill Prevention (14)

00. None
01. Catch Basin
99. Other-Please list:*

Pumping/Dispensing Method (15)

00. None
01. Presurized Dispenser
02. Suction Dispenser
03. Gravity
04. On-Site Heating System (Suction)
05. On-Site Heating System (Supply/Return)
06. Tank-Mounted Dispenser
07. Loading Rack/Transfer Pump

Piping Location (16)

00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Piping Type (17)

00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-Please list:*

Piping Secondary Containment (19)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
04. Double-Walled (Underground Only)
06. Remote Impounding Area
07. Trench Liner
12. Double-Walled (Aboveground Only)

Pipe Leak Detection (20)

00. None
01. Interstitial Electronic Monitoring
02. Insterstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
09. Exempt Suction Piping
99. Other-Please list:*

Under Dispenser Containment (UDC) (21)

Check Box if Present

. . . . . .

* If other, please list on a separate sheet including tank number,

** Each of these codes must be combined with code 01 or 06 to meet compliance requirements.