

# **Environmental Assessment Report**

**Roth Middle School  
4000 East Henrietta Road  
Henrietta, New York 14467**

Prepared for:

**Rush-Henrietta Central School District  
1133 Lehigh Station Road  
Henrietta, New York 14467**

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**892.001**

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## EXECUTIVE SUMMARY

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At the request of Rush–Henrietta Central School District (“RHCS D”), Leader Professional Services, Inc. (“Leader”) conducted a comprehensive environmental assessment (“assessment”) of the District’s Roth Middle School building (“Roth”) and property. The objective of the assessment was to evaluate the air quality and drinking water within the building, evaluate the soil conditions around Roth in the vicinity of the former bus garage, examine the past uses of the property and review the available regulatory information on the Roth property and nearby properties regarding spills or releases of hazardous substances.

The assessment began with an inspection of the Roth building and grounds focusing on the current conditions of the building, including the building’s mechanical room, storage areas for maintenance supplies, classrooms, classroom storage areas and general use areas.

The air sampling Leader conducted for the assessment included sampling the indoor and outdoor air at the Roth building for comfort parameters, volatile organic compounds (“VOCs”), new carpet gas (4-phenylcyclohexene) and formaldehyde. The locations we sampled included common areas, a technology classroom, a faculty member’s office and the outside air. The sample results are summarized on Table 1 through Table 4 and the laboratory analysis reports by Alpha Laboratories and Galson Laboratories are provided as Attachment 6 and Attachment 7. Figures 1 shows the air sampling locations for most comfort parameters and all VOC, 4-phenylcyclohexene, and formaldehyde samples.

Table 1 provides a summary of the comfort parameters measured during the assessment and all were within American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE 62-2001) guidelines. All of the real-time carbon dioxide measurements obtained throughout the building were found to be below the ASHRAE 62-2001 guideline of 700 parts per million (“ppm”) above outdoor air levels, with one exception. Continuous monitoring of carbon dioxide levels in the cafeteria during lunch periods indicated a maximum level of 743 ppm. This condition was temporary and not unexpected with maximum occupancy of the space by children during their lunch period.

Several detectable VOCs were noted in all sampled areas, including the outside air and Tables 2 and 3 summarizes the VOCs results. The VOC levels were well below the Occupational Safety and Health Administration Permissible Exposure Limits and the NYSDOH residential background levels for ambient air in residential homes. The VOCs detected can be related to the typical cleaning and maintenance products used at the school, personal care items used by the students and staff, as well as art supplies and chemicals used in science classrooms.

Eight samples of drinking water were collected and analyzed using portable instruments and field test kits. Figure 2 provides the locations of the drinking water samples. Laboratory analysis was conducted to determine the concentration of selected metals and Heterotrophic bacterial in the drinking water. The Monroe County Water Authority (“MCWA”) is the supplier of potable water to the Town of Henrietta, including the Roth building. The drinking water at the school can originate from several different sources that are combined in the distribution system. MCWA is required to analyze the water and report the results, and those results are provided in Attachment 8. In February 2016, MCWA sampled the school’s drinking water. Leader requested and received copies of the water results from MCWA. Tables

5 and 6 summarize the sample results. In general, our sample results are consistent with those reported by the MCWA, with the exception of Sample 8 from a sink in the nurse's office. The laboratory analysis results for Sample 8 found elevated levels of lead (0.11 milligrams per liter ("mg/l")) and copper (1.6 mg/l) in the drinking water compared to USEPA's guidelines of 0.020 mg/l and 1.3 mg/l, respectively.

Leader conducted soil sampling at the Roth building in the vicinity of the former bus garage and we did not find any visual indication of a spill or release of hazardous substances. Figure 3 shows the location of the soil borings. One soil sample was collected from each of five soil boring locations and each was analyzed for USEPA's Target Compound List VOCs and for polyaromatic hydrocarbons associated with petroleum products. The sample results are shown on Table 7 and the laboratory analysis report prepared by Paradigm Environmental Laboratories ("Paradigm") is provided as Attachment 9. Acetone was found in the soil sample from soil boring B-2 at a concentration of 150 micrograms per kilogram ("µg/Kg"). The New York State Department of Environmental Conservation ("NYSDEC") soil cleanup requirements (Title 6 New York Code, Rules and Regulations Part 375) for residential property is 100,000 µg/Kg for acetone. The presence of acetone in the single sample is unusual since it is typically associated with industrial operations associated with manufacturing. Also, acetone can be a naturally occurring product from the decay of organic matter under specific conditions. Acetone is a common laboratory cleaning agent and it is not unusual to find it as a laboratory contaminant.

Leader conducted a review of the historical uses of the property. We found the school was built upon farmland in the early 1950s. The properties adjacent to the school have been used as farmland and farm homesteads, fallow land or woodlands prior to their development. Many of these properties have been developed for recreational athletics, residential property or undeveloped. A few properties along East Henrietta Road have been developed for commercial or retail purposes. This assessment was completed using historical aerial photographs that are provided in Appendix 1.

An environmental regulatory review was conducted for the property. Information was obtained from Environmental Data Resources ("EDR") and by submitting Freedom of Information Law ("FOIL") requests to the NYSDEC, Monroe County, and the Town of Henrietta. A review of regulatory environmental databases and information obtained through FOIL requests found that the RHCSO maintains a 12,000 gallon underground storage tank ("UST") to supply the Roth building with heating oil. The tank and piping have dual-wall construction and monitoring devices to alert school custodial staff of a potential problem. The tank was installed in 1993 replacing two 10,000-gallon USTs originally installed in 1950. During the course of their use, the two 10,000-gallon tanks had several releases which required repair and eventual removal of the tanks. The removal also included the contaminated soil. During the construction of a new loading dock several years later contaminated soil was discovered. The removal of the tanks and construction of the loading dock included the removal of some contaminated soil from the property. NYSDEC reviewed and approved the removal actions and closure activities following the reporting of spills.

Based on the conditions monitored, no environmental factors associated with an increased risk of cancer were identified.

Our review of additional environmental database information found several other environmental incidents on the New York State Thruway and at commercial properties north of the property along East Henrietta Road. These are not a concern because they have been addressed by the NYSDEC and the distance between the incident locations and the Roth building is substantial. If any residual contamination remains present, it would not create an impact to the school.

Based on the conditions monitored no environmental factors associated with increased risk of cancer were identified.

## **1. INTRODUCTION**

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Leader Professional Services, Inc. (“Leader”) conducted a comprehensive Environmental Assessment at the Rush-Henrietta Central School District (“RHCS”) Roth Middle School (“Roth”) building to obtain environmental data and information to evaluate the quality of the environment within and around the school. RHCS requested Leader complete the environmental assessment because Roth staff members expressed concerns about the environmental conditions at Roth.

Out of an abundance of caution, Leader was retained by RHCS to conduct an environmental assessment which included the following components: an indoor air quality assessment; potable water sampling; subsurface soil investigation; and a historical environmental review of the school property, and a review of environmental conditions on the property and nearby properties.

### **Property Description**

The Roth School is located on approximately 63.5 acres east of East Henrietta Road and approximately 0.2 of a mile south of the New York State Thruway. In addition to the school building, the property has athletic fields and parking lots for staff. The school is situated in an area that is predominantly used for residential housing, and along East Henrietta Road there are several commercial buildings. Although the area is developed east and south of the school property there are wooded areas and to the north adjacent to school property there is park land and an executive style golf course.

### **Building and Grounds Assessment**

Leader conducted a preliminary building and grounds assessment for evaluation purposes and to gain a better understanding of the building’s layout, how different parts of the building are used and to determine potential sampling locations. Leader used both visual inspections and inspections aided by the use of potable air monitoring instruments during this process. The instruments included a Rae Systems Mini Rae 3000 organic vapor analyzer capable of measuring a wide range of different volatile organic compounds (“VOCs”) associated with solvents, lubricants, natural gas, and petroleum products. Leader also used TSI Q-Track model 7565 indoor air quality meter capable of measuring a variety of parameters including carbon dioxide, carbon monoxide, relative humidity, temperature, and barometric pressure. During the assessment, the following areas were entered: HVAC system rooms; the boiler room; storage areas for maintenance supplies; classrooms; kitchen; offices; and general assembly areas such as the auditorium, library and gymnasium. The photographs taken during the various phases of work are provided in Attachment 1.

The details of our findings have been incorporated into the discussions in the following sections.

## 2. SITE ENVIRONMENTAL REVIEW

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### **Scope of Work**

The environmental review included: completing an inspection of the Roth building, review of existing historical property information, review regulatory information provided by the New York State Department of Environmental Conservation (“NYSDEC”), Monroe County, and the Town of Henrietta. In addition, Leader conducted a regulatory search of environmental databases of the NYSDEC and USEPA.

### **Findings**

#### *Inspection*

Leader’s site inspection found nothing unusual within the building. Maintenance storage areas are locked during school hours limiting access to the rooms. The materials stored in those areas were found in sealed containers and no noticeable odors were noticed or stains observed. The rooms were screened with a portable organic vapor analyzing meter with a photoionization detector (“PID”) and no elevated readings were recorded. Classrooms and their associated storage rooms were also inspected. The classrooms using materials with hazardous substances were generally kept in metal cabinets suited for this type of storage. The technology classroom materials like glue, aerosol paints and cleaning or lubricating fluids (such as WD-40) were found on shelving units. The auditorium stage has a cabinet used for the storage of paints and scene decorating supplies. The materials found were in sealed containers.

The boiler room was found to have no unusual odors. Also, no elevated PID readings were measured from the boiler, sump pit or any of the chemicals being stored or in use. The chemicals found in the boiler room appear to be specific to conditioning the water used by the boiler. No unusual stains or spills were noticed associated with the boiler fueling system.

The Roth building has one 12,000 gallon underground storage tank to supply the building with heating fuel. Registration certificates and tank monitoring system gauges and alarms are located in the Building Custodian’s Office. During the outdoor inspection on the west side of the building, near Room 420, we observed a vent pipe and dust filtration equipment. This type of vent could have been a left over from the former bus garage or a vehicle lift system.

One of the building’s HVAC fan rooms was inspected. The entry area in the room is used for storage of school equipment, while the second floor housed the intake fans. No unusual odors or pooled water was found.

Nothing unusual was found during our inspection of hallways, classrooms, offices, library, gym and auditorium.

A walk around the grounds and parking lots did not find anything unusual. Staining typical of being used for a long period of time, but nothing to suggest a large quantity of fuel or some other substance was spilled.

## Historical Use Information on the Property

### *Aerial Photographs*

Leader obtained the aerial and satellite photographs from Monroe County's Geographic Information System database and Google Earth. The maps reviewed include the following years: 1930, 1951, 1960, 1970, 1980, 1988, 1993, 1996, 1998, 2002, 2009 and 2015. The photographs can be found in Attachment 1. Our observations are provided below.

<b>Year</b>	<b>Observations</b>
<b>1930</b>	The Roth Property is used as farmland, with some woodlands on the southeast corner of the property. The surrounding area appears to be used for farmland, fallow land or woodlands land.
<b>1951</b>	The school building is visible in the photograph on the west side of the Subject Property near E, Henrietta Road. There appears to be earthmoving ongoing east of the school and this may be related to preparing the athletic fields. The surrounding area is used for farmland, farm homesteads, residential property, or is undeveloped land.
<b>1960</b>	The Roth Property is developed with a school building, track, baseball diamond, and tennis courts. A new wing to the school appears to be under construction on the east side of the building. There is a parking lot located between the tennis court and the school. There is residential development located west of the Roth Property and E. Henrietta Road. The remaining properties surrounding the Roth Property have not changed significantly since 1951.
<b>1970</b>	The wing of the school under construction in the 1960 photograph has been completed. Land north of the Roth Property is under construction, possibly adding the existing golf course and Town park. There are no significant changes to the remaining properties surrounding the Subject Property since 1960.
<b>1988</b>	A second baseball diamond has been constructed east of the original athletic fields. Apartments or condominiums have been constructed south of the Property, since 1970. There appears to be some earth moving activities on property immediately adjacent to and north of the Roth Property and east of E. Henrietta Road. This is possibly related to the development of this land for residential housing seen in the 2002 photograph. There are no other significant changes to properties surrounding the Property, since 1970.
<b>1993-1998</b>	There are no significant changes to the Roth Property or its adjacent properties since 1988.
<b>2002</b>	The Property has not changed significantly since 1998. North of the Subject Property residential development has been completed on the land. To the east and south property use has not changed. West of the Property and E. Henrietta Road a new commercial building has been constructed.
<b>2009</b>	No significant changes have occurred on the Property or on the adjacent properties since 2002.
<b>2015</b>	No significant changes have occurred on the Property or on the adjacent properties since 2009.

The satellite and our review of aerial photographs do not reveal any on-or-off property environmental concerns. The historical aerial photographs show that the school Property was used as farmland in 1930 and was developed for as a school building by 1951. Since 1951 additions have been placed onto the school and athletic facilities have been added to the Property. The adjacent properties were originally shown in 1930 being used as farmland, farm homesteads, fallow land or woodlands. Gradually many of these properties were developed with residential dwellings and retail/commercial property between 1960 and 2002.



### ***Fire Insurance Maps***

Leader requested Fire Insurance Maps from the database service, however, Fire Insurance Maps were not available for the school property and the immediately surrounding area.

### ***Agency Records Review***

Leader submitted Freedom of Information Law (“FOIL”) requests to the Town of Henrietta, Monroe County, and NYSDEC on February 10, 2016 to obtain information regarding the past use, environmental permits or registrations, environmental incidents (spills or releases), incidents where the Monroe County Department of Health provided assistance, and information regarding the current or former use of the school property and the properties immediately surrounding the school. Attachment 2 provides a copy of the documents provided by the NYSDEC, Monroe County, and the Town of Henrietta.

Below is a summary of the information provided from these agencies pertinent to our request.

### ***NYSDEC RECORDS***

The NYSDEC provided two Spill Reports related to the Roth High School and Roth Middle School. The first Spill Report is from December 17, 1986 and is related to an incident involving overfilling the school’s heating oil tanks with fuel oil. Oil was observed around the fill port of the two, 10,000-gallon underground storage tanks (“USTs”) used by the school. NYSDEC investigated the incident and the school cleaned up the spill to the satisfaction of the NYSDEC.

The second Spill Report is from July 23, 2007 and involved the discovery of #2 fuel oil contaminated soil while installing a loading dock at Roth Middle School. The cleanup of this reported spill is also the subject of a letter received in our FOIL response. A letter dated September 4, 2007 from LaBella Associates, to Michael Zamiarski, NYSDEC, discusses the sampling of the excavation after the contaminated soil was removed and the disposed. According to the letter, the south and west excavation sidewalls of the excavation could not be sampled because of the school building’s foundation and the location of the 12,000 gallon UST. The letter further identifies that in 1993 two former USTs were removed, material suspected of being the source of this contamination was removed. The sample results obtained from the excavation found that there was no remedial concern at the site and the Spill file was closed with no further action. NYSDEC in their November 16, 2007 to David Kaye, of RHCS D, agreed with this assessment and did not require the school to conduct any additional investigation or cleanup.

Further information regarding these two Spill Reports can be found in the regulatory database review section of this report.

### ***Monroe County Records***

The Monroe County Department of Health provided water sampling results for the Roth Middle School for samples that were collected on February 1, 2008 and February 18, 2016. Three water samples were taken from the school’s water system. The samples were taken from three locations including: School Injection Point, the School Endpoint, and the School Office Sink. All of the three samples were analyzed for total Coliform and residual chlorine. All of the samples were “Absent” for Coliform and were considered bacteriologically potable when collected. Residual

chlorine was found to range from 0.90 to 0.94 milligram per liter. One sample was also analyzed for turbidity and was found to have a turbidity value of 0.15 Nephelometric Turbidity Units (“NTU”).

Monroe County Water Authority (“MCWA”) provided water sampling data for five Water Treatment Plants (“WTP”), including Hemlock WTP. No volatile organic compounds, pesticides, or herbicides were detected in the water samples.

The Monroe County Department of Health (“MCDOH”) also provided a “Hazmat Incident Response” document referring to a spill of ferric chloride in the Roth Middle School on November 3, 1999. Less than one gallon of Ferric Chloride leaked from a cabinet in the technology classroom to the floor surface. Approximately 22 children were evacuated from the room and the Monroe County Hazmat Team was called to respond. The spilled material was cleaned up and the room was fully ventilated before returning to use. One student and the technology teacher were observed by the School’s Nurse, and the students clothing was discarded due to a small amount of the ferric chloride found on his pants and shoes. A Material Safety Data Sheet (“MSDS”) was provided for the ferric chloride Solution.

Monroe County provided a map showing the location of the Roth Middle School and properties within one-half mile of the school that are either known or suspected waste sites. The provided map indicated there are no waste sites located within one-half mile of Roth Middle School.

### ***Town of Henrietta***

The Town of Henrietta provided two letters from the Principal of Roth Middle School, Ms. Beverly Burrell-Moore, which were direct to the Roth Parents or Guardians. The February 3, 1997 letter concerns a report about air quality in schools where the reporter measured carbon dioxide levels in the Roth Middle School. The letter highlights that the news reporter took a grab sample of the air in the school and broadcasted the results. The results are insignificant because of the sampling protocol used by the reporter. The letter also states that a Certified Industrial Hygienist will retake carbon dioxide measurements to reassure the parents that the air quality is acceptable. The additional air sampling data was not provided in the FOIA response from the Town of Henrietta.

The second letter is from November 3, 1999, and it provided information to parents and guardians regarding a spill of ferric chloride in technology Room 420 in the Roth Middle School. The MCDOH was called for assistance and inspected the room after the cleanup was completed. A Hazmat Incident Response report from the MCDOH was also provided.

### ***Regulatory Database Review***

Leader obtained a regulatory database report (“EDR Report”) to conduct a search of regulatory environmental databases from NYSDEC and USEPA. The EDR Report is provided in Attachment 3. Additional regulatory status information was obtained from the USEPA’s website. This information was incorporated into the pertinent sections below.

The EDR Report identified multiple listings for Roth property as Rush Henrietta JR High School, Rush Henrietta School, Roth Middle School, and Roth High School. All of these properties are identified as being located at 4000 East Henrietta Road. All of these listings are referred to as the “Property” in the discussion below. The Property is listed as having three closed NYSDEC Spill

files, one closed leaking underground storage tank (“LUST”) file, and one in-use underground storage tank (“UST”) registration. A regulatory file is opened when a spill or release is reported to NYSDEC and closed when it meets regulatory requirements or if the matter is transferred to another NYSDEC division which opens its own file.

The EDR Report also lists Property as having manifests for waste disposal on three separate occasions in between the years 1991 and 1992. In 1991 the school disposed of the following hazardous wastes: 2 pounds of sodium cyanide, 3 pounds of cadmium waste, 4 pounds of lead acetate, 9 pounds of corrosive waste and 84 pounds of ignitable waste. In 1992 the school disposed of 84 pounds of ignitable hazardous waste and 93 pounds of corrosive waste. Also in 1984 the school is identified as a large quantity generator of hazardous waste.

**Standard Environmental Record Source(s)**

The following is a summary of the findings of the database review:

<b>SUMMARY OF FEDERAL &amp; STATE AGENCY DATABASE FINDINGS</b>			
<b>Federal or State List</b>	<b>Does Site Appear on List?</b>	<b>Surrounding Area Search Radius</b>	<b>Number of Sites Within Search Radius*</b>
National Priorities List (NPL or Federal Superfund Listing)	No	1 mile	0
Delisted NPL Facilities	No	0.5 mile	0
Comprehensive Environmental Response, Compensation and Liability Information System (“CERCLIS”)	No	0.5 mile	0
CERCLIS No Further Remedial Action Planned (“NFRAP”)	No	0.5 mile	0
Resource Conservation and Recovery Act (“RCRA”) Corrective Action Plan (CORRACTS)	No	1 mile	0
Resource Conservation and Recovery Information System -- Treatment, Storage or Disposal Facilities (RCRIS-TSD, non-CORRACTS)	No	0.50 mile	0
RCRA Small and Large Quantity Generator of Hazardous Waste	No	0.25 mile	0
Federal Brownfield	No	0.50 mile	0
Emergency Response Notification System (“ERNS”) List	No	0.125 mile	0
Tribal Lands (Federally recognized territory of where American Indian tribes have primary government authority)	No	1 mile	0
State or Tribal Hazardous Waste Site (“SHWS”)	No	1 mile	0
State Spill Incidents	Yes	0.125 mile	2
State/Tribal Solid Water Facilities/Landfill Site (“SWLF”)	No	0.50 miles	0
State/Tribal Leaking USTs Database (“LUST”)	Yes	0.50 mile	3
State/Tribal Registered Underground Storage Tanks (“UST/AST”)	Yes	0.25 mile	1

<b>SUMMARY OF FEDERAL &amp; STATE AGENCY DATABASE FINDINGS</b>			
<b>Federal or State List</b>	<b>Does Site Appear on List?</b>	<b>Surrounding Area Search Radius</b>	<b>Number of Sites Within Search Radius*</b>
State/Tribal Engineering Controls	No	0.50 mile	0
State/Tribal Institutional Controls	No	0.25 mile	0
State/Tribal Voluntary Cleanup Site	No	0.50 mile	0
State/Tribal Brownfields	No	0.50 mile	0
Federal institutional Controls/ Engineering Controls	No	0.50 mile	0
*The surrounding area search radius indicates the radial area (measured from the Site) for which the database review was performed.			

***Federal NPL Sites***

There are no National Priority List (“NPL”) sites reported within a 1.00 mile radius of the Site.

***Federal De-Listed NPL Sites***

There are no de-listed National Priority List (“NPL”) sites reported within a 0.50 mile radius of the Site.

***Federal CERCLIS Site List***

There are no Federal Comprehensive Environmental Response, Compensation, and Liability Information System (“CERCLIS”) facilities reported within a 0.50 mile radius of the Site.

***Federal CERCLIS/NFRAP Site List***

There are no Federal Comprehensive Environmental Response, Compensation, and Liability Information System (“CERCLIS”)/No Further Remedial Action Planned (“NFRAP”) sites reported within a 0.50 mile radius of the Site.

***Federal RCRA CORRACTS Facilities***

There are no Resource Conservation and Recovery Act (“RCRA”) Corrective Actions Facilities reported within a 1.0 mile radius of the Site.

***Federal RCRA non-CORRACTS TSD Sites***

There are no Federal RCRA non-Corrective Action (“non-CORRACTS”) Treatment, Storage, or Disposal (“TSD”) Facilities reported within a 0.50 mile radius of the Site.

***Federal RCRA Generators List***

The Resource Conservation and Recovery Act (“RCRA”) - Large-Quantity Generator’s (“LQG”) list (i.e., >1000kg of RCRA waste/month) and Small-Quantity Generator’s (“SQG”) list (i.e., <1000kg of RCRA waste/month) were both included in this search. There are no RCRA generators reported within a 0.25 mile radius of the Site.

***Federal Brownfield***

There are no Federal Brownfield sites reported within a 0.50 mile radius of the Site.

### ***Federal ERNS List***

There are no incidents reported within a 0.125 mile radius of the Site that are included on the Federal Emergency Response Notification System (“ERNS”) list.

### ***Tribal Lands***

There are no listed Tribal Lands reported within a 1.0 mile radius of the Site.

### ***State and Tribal Sites***

There are no NYSDEC Inactive Hazardous Waste Sites (“SHWS”) reported within a 1.00 mile radius of the Site.

### ***State and Tribal Spills Sites***

There are three listed NYSDEC Spills for the Subject Property. There are no other Spills reported for properties within a 0.12 mile radius from the Subject Property. The information pertaining to the Spills on the Subject Property is shown below.

<b>SITE</b>	<b>DISTANCE FROM SUBJECT SITE</b>	<b>STATUS</b>	<b>ORIENTATION</b>
Rush Henrietta JR High School, 4000 East Henrietta Road	Subject Property	Spill # 9001974. Closed. On 5/15/1990, a custodian at Roth JR High School noticed a path of oil on the ground surface leading from a 10,000 gallon UST. NYSDEC inspected the area and identified an approximately twelve square foot area of #2 fuel oil contaminated soil caused by a tank overflow. The area around the tanks was excavated and the tanks were inspected. Contaminated soil was stockpiled in the east wing parking lot for disposal. A valve was causing the overflow and the problem was fixed. The spill was cleaned up to NYSDEC standards and the Spill file was closed on 6/21/1990.	N/A
Rush Henrietta Schools, 4000 East Henrietta Road	Subject Property	Spill # 9305565. Closed. On 8/4/1993, #2 fuel oil contaminated soil was encountered during the removal of two, 10,000-gallon USTs. Approximately 200 yards of contaminated soil was stockpiled in the north end of the parking lot. Sidewall and pit bottom samples were taken. Based on sampling results, NYSDEC stated there is no need for further sampling or a soil vent system. Contaminated soil was disposed. The spill was cleaned up to NYSDEC standards and the Spill file was closed on 8/17/1994.	N/A
Rush Henrietta School, 4000 East Henrietta Road	Subject Property	Spill #0750597. Closed. On 7/23/2007, a representative of the school encountered #2 fuel oil contaminated soil during the installation of a loading dock. Approximately 33 tons of contaminated soil was disposed of. Confirmatory soil samples from the excavation area came back non-detect. The spill was cleaned up to NYSDEC standards and the Spill file was closed on 11/16/2007.	N/A

According to the EDR Report, the three spills which occurred on the Roth property have been cleaned up to NYSDEC standards and have been closed. There is no ongoing remediation activities at the Property. These spills do not represent an on-site environmental concern for the Property based on the closed status of the Spill files and removal of contaminated soil from the Property.

***State and Tribal Landfill and/or Solid Waste Disposal Site Lists***

There are no New York State Landfill/Solid Waste Disposal Site (“SWLF”) reported facilities within a 0.50 mile radius of the Site.

***State and Tribal Leaking Underground Storage Tanks***

There is one listed NYSDEC’s LUST incident for the Subject Property and there are two LUSTs reported within a 0.50 mile radius of the Site. Information pertaining to the three LUSTs is shown below.

SITE	DISTANCE FROM SUBJECT SITE	DESCRIPTION	ORIENTATION
Rush Henrietta JR High School, 4000 East Henrietta Road	Subject Property	On 12/15/1996, a 10,000 gallon UST was filled with 9,750 gallons of fuel oil and the product expanded and seeped out of the fill port. Approximately 5-gallons of oil spilled on to the soil. Product from the tank was transferred to another 10,000 gallon UST and no further leakage was found. The spill was cleaned up to NYSDEC standards and the LUST file was closed on 12/30/1986.	N/A
NYS Thruway – Henrietta	0.31 of a mile north-northwest	On 9/14/1992, a 4,000-gallon UST failed a tank tightness test. Two USTs were pumped clean and removed from the property, with a third tank planned for removal. Soil samples were collected during the removal. A “no further action” letter was sent to the thruway authority and the LUST file was closed on 4/3/1997.	Down gradient
Linde Transportation, NYS Thruway	0.32 of a mile northeast	Closed. On 6/10/1986, a saddle tank on a truck ruptured spilling approximately 85-gallons of diesel to the thruway. The spilled material was cleaned up to NYSDEC satisfaction and the LUST was closed on 3/31/1987.	Down gradient

These two LUSTs are not an off-site REC based on the closed status of the LUSTs.

***State and Tribal Registered Storage Tank Sites***

The Subject Property is listed in the NYSDEC Petroleum Bulk Storage Facility Registry. Information pertaining to the storage tanks registered to the Property is listed below. There are no other off-site tank listings for properties within 0.25 of a mile from the Subject Property.

SITE	DISTANCE FROM SUBJECT SITE	DESCRIPTION	LOCATION
Rush Henrietta Central School District Roth Middle School 4000 E. Henrietta Road	Subject Property	Two 10,000-gallon USTs installed on 12/1/1950 were removed from the Property on 8/1/1993. One 12,000 gallon UST was installed on 7/1/1993 replacing the two former USTs. This UST is used to store #2 fuel oil.	Underground

The two former, 10,000-gallon USTs were removed from the Property in 1993 and replaced with a 12,000-gallon UST. The in-use UST stores #2 fuel oil used by the boiler in the school.

***State and Tribal Engineering Control Registry***

There are no facilities reported within a 0.50 mile of the Subject Property listed on the State and/or Tribal databases for sites that have engineering controls in place.

***State and Tribal Institutional Control Registry***

There are no facilities reported within a 0.50 mile of the Subject Property listed on the State and/or Tribal databases for sites that have institutional controls in place.

***State and Tribal Voluntary Cleanup Sites***

There are no NYSDEC's Voluntary Cleanup Program ("VCP") facilities reported within the 0.25 mile radius of the Subject Property.

***State and Tribal Brownfield Sites***

There are no NYSDEC Brownfield sites reported within a 0.25 mile radius of the Subject Property.

***Federal Institutional Controls/Engineering Controls***

There are no Federal sites with Institutional or Engineering Controls ("IC/EC") reported within a 0.25 mile radius of the Subject Property for Federal IC/EC sites.

***Orphan***

The EDR report identified no Orphan sites listings with the same zip code as the Subject Property.

### 3. INDOOR AIR QUALITY ASSESSMENT

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Leader conducted a comprehensive assessment of the indoor air quality within the Roth building. The purpose of the sampling program was to assess general air quality parameters within the school building in those areas that are accessible and common to all members of the school community, as well as the office of one of the affected faculty members. The sample locations were determined in coordination with RHCS staff. The sampling event included common areas (auditorium, cafeteria, and gymnasium), a copier room, a faculty office (Room 312), a technology classroom (Room 420), and the outside air for comparison purposes.

#### Scope of Work

The sampling of each location occurred on February 25, 2016. The samples were collected during the school day when students and staff were present. The indoor air samples are identified below and were collected at six (6) different locations within the Roth building:

- Auditorium – Stage
- Cafeteria
- Gymnasium
- Copier Room (next to the main office)
- Room 312 – Vice Principal’s Office
- Room 420 – Technology Classroom

A sample was also collected from the roof of the Roth building in front of one of the fresh air intakes for the school’s HVAC system.

The IAQ assessment and evaluation included the following investigative techniques:

- ❑ IAQ Survey for Comfort Parameters – The TSI Q-Trak Model 7565 air quality monitor/data logger (“Q-Trak”) was used to measure the temperature, relative humidity, and carbon dioxide (“CO<sub>2</sub>”) in common areas, offices and classrooms. The listed analytes serve as indicators in evaluating general air quality and adequacy of the ventilation system. The Q-Trak also measures carbon monoxide (“CO”). The presence of CO in indoor environments typically indicates the presence of combustion sources either within the building or contaminated air being drawn into the air-intakes from outdoor sources. The Q-Trak is a real time monitor that provides direct-reading measurements of the listed parameters when utilized in survey mode. The monitor was also set up in the cafeteria during lunch periods to collect data at one (1) minute intervals. The duration of the sampling was approximately 3 hours. The recorded data was downloaded, generated into a graph and reviewed by Leader.
- ❑ A survey of non-specific VOCs utilizing a PID was conducted throughout common areas, offices and classrooms in conjunction with the comfort parameters investigation. The PID is a direct-reading instrument providing real-time feedback on the presence of VOCs.



- Volatile Organic Compounds, new carpet gas (4-phenylcyclohexene) and formaldehyde - The indoor and outdoor ambient air was sampled for VOCs using evacuated summa canisters (1- liter size) for a period of approximately 8 hours. A calibrated regulator is used to collect the time-integrated sample. The VOC samples were analyzed using USEPA Method TO-15. Alpha Laboratories received the summa canister samples for analysis. Alpha is NYSDOH certified laboratory. Formaldehyde and 4-phenylcyclohexene air samples were collected utilizing passive dosimeters. The formaldehyde samples were analyzed utilizing Modified OSHA Method 1007. The 4-phenylcyclohexene samples were analyzed using Modified NIOSH Method 1501. Upon completion of sample collection, sampling devices were closed and shipped to Galson Laboratories a NYSDOH certified laboratory. Chain of custody documentation was maintained throughout all phases of sample collection and analysis.

## **Findings**

### ***Visual Observations***

Leader visually inspected the hallways, common areas, offices, classrooms, and outside areas at the Roth building. There were no observable signs of past or continuing fungi overgrowth in visible areas. Stained ceiling tiles were observed in the hallway outside Room 317.

Maintenance activities are carried out during and after the school day. The Roth building floors are cleaned at least once a day. The majority of the school has linoleum floors. Carpeting is found in some offices and the library. The gymnasium has a wood varnished floor.

The mixing of outside air with the indoor ambient air is based on the outdoor air temperature. When the sampling was conducted the approximate amount of fresh air introduced into the school was approximately 20%.

The only location in the Roth building that is below grade is the Mechanical/ Boiler Room.

The building was clean and orderly throughout.

### ***Air Monitoring Results – General Comfort Parameters***

The Q-Trak IAQ monitor was used to survey various areas of the Roth building on Thursday February 25, 2016. The teachers, staff and students were in the Roth building on the day of sampling. Table 1 summarizes the results of the general IAQ in each location.

**Table 1**  
**Comfort Parameters and PID Volatile Organics Survey Results**  
**Roth Middle School**  
**Rush Henrietta Central School District**

<i>Location</i>	<i>Time (AM)</i>	<i>Carbon Dioxide (ppm)</i>	<i>Carbon Monoxide (ppm)</i>	<i>%RH</i>	<i>Temperature (°F)</i>	<i>PID</i>
Custodian's office (NW wing)	8:30	870	0	35.1	70.8	0.7
Custodian's office (NW wing)	8:30	1020 peak				
Tech. Rm 420	8:35	780	0	35.1	72.2	0.6
Loading Dock	8:38	840	0	30.9	71.7	0.6
Boiler Room	8:39	600	0	29.6	74.7	0.6
Hall by Rm-415	8:42	980	0	26.8	73.7	0.2
Hall by Rm-407	8:44	595	0	26.7	71.9	0.2
Cafeteria (unoccupied)	8:46	550	0	27.9	71.8	0.2
Hall by Rm-305	8:49	804	0	29.1	71.6	0.3
Hall by Rm-317	8:51	862	0	29.5	71.6	0.4
Hall by Rm-314	8:53	828	0	28.8	71.8	0.4
Vice Principal's Office	8:55	607	0	29	72.4	0.4
V.P. Office - closet						0.4
Library	8:59	541	0	25.8	72.6	0.3
Hall outside library main door	9:01	631	0	27.1	72.8	0.4
Gymnasium (~14 students)	9:03	666	0	29.8	73.1	0.4
Fitness Room (~20 students)	9:07	840	0	26.5	73.1	0.4
Hall by Rm-210	9:08	589	0	25.9	72	0.4
Hall by Rm-217	9:10	630	0	27.2	71.6	0.5
Office 217 (unoccupied)	9:11	636	0	26.9	72.1	0.4
Main Office	9:20	741	0	41.1	64.9	0.4
Auditorium (unoccupied)	9:22	486	0	31.1	69.6	0.3
Hall by Rm-128	9:27	645	0	26.2	71.3	0.4
Hall by Health Office (Rm-117) passing time	9:33-9:35	794-935	0	30.7	73.3	0.6
<b>Outdoors Main Entrance</b>	<b>9:15</b>	<b>433</b>	<b>0.1</b>	<b>37.9</b>	<b>45.1</b>	<b>0.2</b>
ASHRAE Guidelines		700 ppm above outdoor level		20%-60%	68°F-75°F	
OSHA PEL		5,000ppm	50ppm			

*"PID" – Photoionization Detection for non-specific volatile organic compounds*

*"ASHRAE" – American Society of Heating, Refrigerating and Air-Conditioning Engineers*

*"OSHA PEL" – Occupation Safety and Health Administration Permissible Exposure Limit*

The OSHA Permissible Exposure Limit (“PEL”) for CO<sub>2</sub> is 5,000 parts per million (“ppm”) as an 8-hour Time-Weighted Average (“TWA”). The OSHA PEL is based on an adult working an 8-hour shift and working a 40-hour work week. The OSHA PEL for CO is 50 ppm, 8-hr TWA. The American Society of Heating, Refrigeration, and Air Conditioning Engineers (“ASHRAE”) Standard, “Ventilation for Acceptable Indoor Air Quality (62-2001) states that a CO<sub>2</sub> level in excess of 700 ppm above the outside CO<sub>2</sub> level may be associated with increased odor and general air quality complaints.

ASHRAE also recommends that the optimal operative temperature for thermal acceptability of sedentary persons is 68°F to 75°F in the winter months with a relative humidity of 50%<sup>1</sup>. The ASHRAE Standard considers that the acceptable range of allowable humidity in the indoor environment is between 20% and 60%. The ASHRAE standards are guidelines intended to satisfy 80% of the building occupants.

The carbon dioxide levels exceeded the ASHRAE guideline for brief periods during the student lunch times in the cafeteria. This increase is not unexpected with full occupancy during lunch periods. If occupants voice complaints of excessive odors or “stale” air, increasing fresh air to the cafeteria would reduce the CO<sub>2</sub> levels and make the environment more comfortable. The comfort parameter sampling statistics and graph for the cafeteria are included in Attachment 4.

#### ***Air Sampling Results – Volatile Organic Compounds (“VOCs”), Formaldehyde, and 4-Phenylcyclohexene***

Leader obtained seven indoor and outdoor air samples at the Roth building using evacuated summa canisters, over a period of approximately eight hours. The samples were collected on February 25, 2016 while the building was occupied by students and staff on a normal school day. The samples were analyzed using USEPA Method TO-15 for VOCs. Figure 1 shows the locations for VOC, 4-phenylcyclohexene (new carpet gas) and formaldehyde air samples.

Air samples for formaldehyde and 4-phenylcyclohexene were collected, using Assay Technology passive dosimeters, at 5 interior building locations on February 25, 2016 over a period of approximately 8 hrs. Due to sampling media shortage additional air samples for these constituents were collected on March 1, 2016 in the Copier Room. Upon completion of sample collection all samples were closed and shipped to Galson Laboratories in Syracuse, New York for analysis. Chain-of-custody documentation was maintained throughout sample collection and analysis. The formaldehyde samples were analyzed utilizing Modified OSHA Method 1007. The 4-phenylcyclohexene samples were analyzed using Modified NIOSH Method 1501.

There were no detectable levels of formaldehyde or 4-phenylcyclohexene found in any of the areas sampled.

The only regulatory exposure limits applicable to a school environment are the occupational exposure limits under OSHA, which are enforced in New York State by the Public Employee Department of Safety and Health (“PESH”), a division of the New York State Department of

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<sup>1</sup>ASHRAE Standard 55-2010, “Thermal Environmental Conditions for Human Occupancy”.

Labor. Table 2 provides the sampling locations and detectable VOC results and compares those levels to the OSHA PEL for each compound. The PELs are typically presented in units of milligrams per cubic meter of air or ppm. In order to keep the units consistent all data is presented in micrograms per cubic meter (“ $\mu\text{g}/\text{m}^3$ ”).

Table 3 provides the sampling locations and detectable VOC results and compares those levels to summary statistical data from a 1997 to 2003 New York State Department of Health (“NYSDOH”) of VOCs in the indoor air of residential homes heated with fuel oil. The goal of this study was to obtain information on the type and concentration of VOCs found in the typical home. The study did not provide a health risk analysis. The study is instructive because it provides information which can be used to compare the school’s indoor air VOC data. As Table 3 illustrates the school’s indoor air 12 out of the 14 VOC detected during the Roth sampling have were also found during the NYSDOH study. Of the 12 VOCs with comparisons in the NYSDOH study, acetone and carbon tetrachloride were found in the Roth school at concentrations greater than the average NYSDOH concentration, but at a concentration significantly less than the NYSDOH’s maximum concentration for those VOCs.

Ethanol and isopropanol (isopropanol was not reported by in the NYSDOH study) were found at higher concentrations than some of the other VOCs, particularly in the cafeteria. One explanation for this is that these are the main ingredients in the hand sanitizer used in the cafeteria. Acetone was also found at higher concentrations than some of the other VOCs and at similar concentrations throughout the school, with the exception of Room 420 where Technology is taught. In addition to being found in a number of commercial products (nail polish remover, cosmetics, and rubber cement), acetone is also made in our bodies during the breakdown of fats. It’s also formed in nature from the breakdown of vegetation.

The following VOCs were not detected in any of the air samples taken, inside or outside, of the Roth building:

1,1,1-Trichloroethane	2-Butanone	Freon-113
1,1,2,2-Tetrachloroethane	2-Hexanone	Freon-114
1,1,2-Trichloroethane	3-Chloropropene	Hexachlorobutadiene
1,1-Dichloroethane	4-Ethyltoluene	Methyl tert butyl ether
1,1-Dichloroethene	4-Methyl-2-pentanone	Methylene chloride
1,2,4-Trichlorobenzene	Benzyl chloride	o-Xylene
1,2,4-Trimethylbenzene	Bromodichloromethane	p/m-Xylene
1,2-Dibromoethane	Bromoform	Styrene
1,2-Dichlorobenzene	Bromomethane	Tertiary butyl Alcohol
1,2-Dichloroethane	Carbon disulfide	Tetrahydrofuran
1,2-Dichloropropane	Chlorobenzene	trans-1,2-Dichloroethene
1,3,5-Trimethylbenzene	Chloroethane	trans-1,3-Dichloropropene
1,3-Butadiene	Chloroform	Trichloroethene
1,3-Dichlorobenzene	cis-1,2-Dichloroethene	Vinyl bromide
1,4-Dichlorobenzene	cis-1,3-Dichloropropene	Vinyl chloride
1,4-Dioxane	Dibromochloromethane	
2,2,4-Trimethylpentane	Ethylbenzene	

The Alpha and Galson laboratory packages are included in Attachment 5 and Attachment 6.

**Typical Indoor Air Pollutants and Sources**

VOCs are compounds that vaporize (become a gas) at room temperature. There are hundreds of VOCs found in the indoor air. VOCs are released from many housekeeping and maintenance products, building materials, furnishings and equipment, personal care products, cosmetics, and from human metabolism. Table 4 provides examples where detected VOCs can be found:

**Table 4  
Detected VOCs  
Common Products and Use  
Roth Middle School  
Rush Henrietta Central School District**

VOC	Common Products and Uses
Acetone	<p>Acetone is a manufactured chemical that is also found naturally in the environment. It is a colorless liquid with a distinct smell and taste. It evaporates easily, is flammable, and dissolves in water. It occurs naturally in plants, trees, volcanic gases, forest fires, and as a product of the breakdown of body fat. It is present in vehicle exhaust, tobacco smoke, and landfill sites.</p> <p>It is found in products such as arts and crafts aerosols, interior/exterior paints, spray air fresheners, nail enamel, and nail polish remover</p>
Benzene	<p>Benzene is used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides. Natural sources of benzene include emissions from volcanoes and forest fires. Benzene is also a natural part of crude oil, gasoline, and cigarette smoke. It is found in products such as semi-gloss paints, spray adhesives, and adhesive removers.</p>
Carbon tetrachloride	<p>Carbon tetrachloride was used in the production of refrigeration fluid and propellants for aerosol cans, as a pesticide, as a cleaning fluid and degreasing agent, in fire extinguishers, and in spot removers. It can be found in products such as adhesives, plastic bonders, and adhesive removers.</p>
Chloromethane	<p>Most of the chloromethane that is released into the environment is from natural sources, such as chemical reactions that occur in the oceans. It is also given off when materials like grass, wood, charcoal, and plastics are burned. It is present in lakes and streams and has been found in drinking water. Other sources of exposure are cigarette smoke, polystyrene insulation, aerosol</p>

VOC	Common Products and Uses
	propellants, and chlorinated swimming pools. It is also used in products such as Static Guard.
Cyclohexane	It is found in products such as spray adhesive, lacquer thinner, drywall adhesive and liquid nails.
Dichlorodifluoromethane	Dichlorofluoromethane is a colorless gas usually sold under the brand name Freon-12®. It is a chlorofluorocarbon (CFC) used as a refrigerant and aerosol spray propellant. Complying with the Montreal Protocol on Substances that Deplete the Ozone Layer, its manufacture was universally banned in 1996. This extremely inert substance is present in the atmosphere surrounding the globe.
Ethanol	Ethanol is one of the largest volume organic chemicals in production. It can be found in cleaners, antiseptic agents, inks, aerosol sprays, mouthwash, perfumes/aftershave, pharmaceuticals, and as a fuel or fuel additive.
Ethyl Acetate	It is found in products such as spray paints, liquid bandaid, nail polish remover, and nail enamels.
n-Heptane	n-Heptane can be found paints, coatings, rubber cement solvent and as a non-polar solvent for laboratory use. It is also a minor ingredient in gasoline.
Isopropyl alcohol	It is found in products such as nail enamel, hand sanitizers, hair colorants, spray paints, spray glitter, and matte fixatives.
n-Hexane	n-Hexane can be found in glues, cleaners and degreasers. It is also used as a solvent for adhesives, paints and surface coatings.
Tetrachloroethylene	The largest user of tetrachloroethylene (also known as “perc”) is the dry cleaning industry. It accounts for 80% to 85% of all dry cleaning fluid used. Textile mills, chlorofluorocarbon producers, vapor degreasing and metal cleaning operations, and makers of rubber coatings also use perc. It can be added to aerosol formulations, solvent soaps, printing inks, adhesives, sealants, polishes, lubricants, and silicones. Typewriter correction fluid and shoe polish are among the consumer products that can contain perc.

VOC	Common Products and Uses
Toluene	Toluene is used in paints, paint thinners, fingernail polish, lacquers, adhesives, and rubber and in some printing and leather tanning processes.
Trichlorofluoromethane	Trichlorofluoromethane is sold under the brand name Freon-11®. It is a chlorofluorocarbon (CFC) used as a refrigerant, a blowing agent in the production of polyurethane and foams and aerosol propellant for bronchodilators and corticosteroids in the treatment of bronchial asthma. The Montreal Protocol has caused an international decline in the use and production of Freon-11.

**Summary**

Schools present special concerns for managing indoor air quality. Students and teachers often work more closely together in classrooms than people in typical office buildings. Approximately four times more people may occupy a given amount of floor space in a school classroom as than in an office. Schools also have diverse activities and may have a wide range of potential air pollutant sources. These sources include: cafeterias, art, science and other classrooms technology laboratories; restrooms; and locker rooms.

The classrooms, hallways and common locations did not have carbon dioxide levels above the ASHRAE guideline of 700 ppm above outdoor levels, with exception of brief periods during maximum occupancy in the cafeteria. This indicates adequate fresh air and airflow into most areas of the building.

All classrooms and common areas monitored were within ASHRAE guidelines for temperature and relative humidity.

The air sampling conducted by Leader, did not show detectable levels of airborne formaldehyde or 4-Phenylcyclohexene.

There were no detectable levels of a majority of the monitored VOCs. There were some detectable levels of some VOCs, but the levels were orders of magnitude below the OSHA PELs. In addition, VOCs measured were below the average NYSDOH residential background levels for ambient air in residential homes, with the exception of two compounds and these were found at concentrations above the average detected concentration, but significantly below the maximum concentrations found.

The levels of detectable VOCs were extremely low and reflective of background air quality. The compounds detected can be attributed to particular chemicals, products, and materials used in the school, personal care items used and worn by the students and staff, or contaminants drawn into the building from the outdoor air. The air quality does not appear to be an issue at the Roth building.

## 4. POTABLE WATER SAMPLING AND ANALYSIS

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Potable water samples were collected from sources used for drinking water that included: fountains in the hallways and Classroom 420, and from a bottled water dispenser found in Office 312. Figure 2 shows the locations for the drinking water samples. The bottle water dispenser is not RHCS D property, but is property of Ms. Ellingham. The purpose of the water sampling was to evaluate the general quality of the water by looking at general characteristics, selected heavy metals, and bacteria. All of these parameters are measured routinely by the MCWA as mandated by New York State Department of Health. Water quality within the school is not typically sampled by MCWA, but was sampled on February 18, 2016 by MCWA for chlorine residual and total coliform.

### Scope of Work

Leader used a combination of methods to evaluate the water quality: laboratory analysis, portable instrumentation and field test kits. The parameters measured are similar or the same as those measured by MCWA so the water quality within the school could be compared to water quality within the distribution system. The measured parameters were also selected because they are also indicators of other potential issues impacting water quality. Parameters measured included: arsenic, barium, chromium, copper, lead, heterotrophic bacteria, alkalinity, pH, free chlorine, total chlorine, hardness, total dissolved solids, conductivity, oxidation – reduction potential and turbidity. The following parameters were measured by Paradigm Environmental Laboratories: arsenic, barium, chromium, copper, lead, heterotrophic bacteria. The metals were analyzed using USEPA Method 200.8 for drinking water. Bacteria were analyzed using Standard Method 9215B. Paradigm Environmental Laboratories received the samples the same day as the sampling following chain of custody procedures and protocols. The remaining parameters were measured using portable instruments and field test kits that are not based on laboratory methods. Portable instruments were obtained by Eco-Rental Solutions and the instruments were calibrated to factory specifications by their staff.

Samples to be analyzed for metals were collected on February 25, 2016 prior to the beginning of school and the use of the water from those particular locations. The samples collected from the sinks found in the school's nurse's office may have been used prior to sample collection, since these locations were not planned for sampling and school had already started by the time these sinks were sampled. The goal of collecting the samples prior to the sources being used was to evaluate the condition of the water under worst case conditions; where the water was left within the device or fixture for more than six hours prior to sampling. This is referred to as collecting a "first draw" water sample. Samples collected for bacteria samples and samples measured using portable instruments were collected after letting the water flow for at least three minutes. Other water quality parameters were measured on February 29, 2016 following the first draw method and after letting the water flow for at least three minutes.



## ***Findings***

### ***Laboratory Results***

Laboratory results for the water analysis of selected heavy metals and bacteria are shown on Table 5 and a copy of the laboratory report is provided in Appendix 7. In general, the sample results for metals arsenic, barium, and chromium are consistent with MCWA results. Copper and lead differ from the MCWA results in that these metals were only found in the school's water system. All of the values for copper and lead found are relatively low compared to the NYSDOH requirements for drinking water supplies with the exception of the sample collected from one of the sinks found in the school's Nurse's office and is identified as Sample 8. This sample exceeded NYSDOH's guidelines for lead and copper in drinking water. Since lead and copper were not detected in the MCWA water, it is suspected that it is coming from either the school's piping or the fixture dispensing water. It is most likely that lead and copper are coming from the fixture in the Nurse's office and could be the result of copper piping or lead solder used to join the fixture pieces.

The heterotrophic bacteria samples were analyzed to evaluate the biological activity in the water being provided in the school. The samples were analyzed for heterotrophic bacteria, because this analysis quantifies a larger number of micro-organisms as oppose to just Coliform or E. Coli; a specific group of bacteria (Coliform) or a particular species (E. Coli). Consequently, an analysis of heterotrophs could also include Coliform so it's a good indicator of biological activity in the water, but not necessarily of water quality. None of the samples exceeded USEPA's standards. The Sample 6 collected from Room 420's drinking water fountain contained 310 colony forming units ("CFU") of bacteria in one milliliter ("ml") of water sample. USEPA's National Primary Drinking Water Regulation for Public Water Supplies has a limit of 500 CFU/ml. We should also note the bacteria growth could be result of the source water, an accumulation of biofilm in the pipes, or a source of bacteria on the nozzle where the water leaves from the fountain. MCWA also analyzed samples for Coliform bacteria in the school and found none present in their samples.

### ***Portable Instrument and Field Test Kits***

Table 6 summarizes the results of the measurements taken with a Myron 6P water quality meter, Lamotte Smart3 Colorimeter, and Clorox Pool and Spa test strips. The Myron 6P measures a number of parameters, but the following were used for this sampling: pH, oxidation-reduction potential, total dissolved solids ("TDS"), and conductivity. USEPA drinking water standards for pH is 6.5 to 8.5 and for TDS the standard is less than 500 mg/L. The Lamotte Smart3 Colorimeter measures turbidity (the amount of suspended particles in the sample) of the sample in Nephelometric turbidity units ("NTU"). USEPA's guidance regulatory values for turbidity for the water supplier is 5 NTU. The Clorox test strips measure: total alkalinity; pH; free chlorine, total chlorine, and hardness.

In general, the samples are very similar across the school with respect to all of the measured parameters with the exception of turbidity. The sinks found within the school's Nurse's office (samples 7 and 8) had a higher turbidity than the rest of the samples tested. These values were 9.2 and 9.57, the other samples ranged from 0 to 2. Interestingly, the Nurse's office samples were on the high end of the TDS values. The relationship between turbidity and TDS has not

been investigated, but over time high TDS could cause precipitation of solids on the piping or fixtures which eventually flake off resulting in turbidity.

A comparison of the Roth building drinking water sample results with the results from MCWA show results are similar, but there is follow up sampling the RHCSD should do. The sample location 8 should be resampled for first draw and post flush lead and copper concentrations. The bacteria sample, post flush, should be collected from the sample location 6 to confirm the values.

## 5. SOIL INVESTIGATION

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### Scope of Work

For a period of time, the Room 420 area of the Roth building was used as a school bus garage and is thus a potential source of contamination and possibly VOCs in the building. Four soil borings were planned around the former bus garage. One additional soil boring was sampled next to the tennis courts as a location where a background sample could be collected. Figure 3 shows the locations of the soil borings. Leader's contractor provided track mounted Geoprobe™ direct push soil sampling equipment. Soil borings were sampled to a depth ranging from 12 to 16 feet below the ground surface collecting samples in 4 ft intervals. Then brought to the ground surface each sample was visually inspected and screened using a PID. Samples retained for chemical analysis were selected based on the presence of VOCs as measured by the PID, the presence of stains, fill materials or from an interval which might either restrict the down or lateral flow groundwater or where groundwater was first encountered. Samples sent for laboratory analysis were analyzed for VOCs using USEPA Method 8260B and 8270 for polynuclear aromatic hydrocarbons ("PAHs").

### Findings

Five soil borings were completed for the investigation. Figure 3 provides approximate locations for all of the soil borings. Soil found in the immediate vicinity of the school building encountered soil fill reaching a thickness of approximately 1.5 to 4 feet. These materials consisted of gravel, sand, sand and silt mixtures, and gravel/rock fragments. Below the fill layer native soils consisted of silt and fine sand mixtures and clay. A gray silt layer was found across the property at a depth ranging from 4 to 8 feet indicating this may be the original ground surface pre-school construction or reflective of glacial or post glacial ground surface and covered by post glacial sedimentation. Groundwater was not encountered but wet soil was found between 10.5 and 16 feet below the ground surface. Attachment 9 provides copies of the soil boring logs.

Soil sampling conducted in the vicinity of the former bus garage found no visual indication of a spill or release of hazardous substances. One soil sample was collected from each of five soil boring locations and each was analyzed for USEPA's Target Compound List VOCs and for polyaromatic hydrocarbons associated with petroleum products. The sample results are shown on Table 7 and the laboratory report prepared by Paradigm Environmental Laboratories is provided as Attachment 10. The soil sample from soil boring B-2, from a depth of 12 feet, found acetone at a concentration of 150 micrograms per kilogram ("µg/Kg"). New York State Department of Environmental Conservation ("NYSDEC") soil cleanup requirements (Title 6 New York Code, Rules and Regulations Part 375) for residential property is 100,000 µg/Kg for acetone. There can be many reasons for acetone to be present; from a release of chemical or product containing acetone; a laboratory contaminant, or as an artifact from a naturally occurring process. It is unclear what caused this single, low level occurrence of acetone, but at this concentration it would not impact the Roth building's environment.

## 6. SUMMARY

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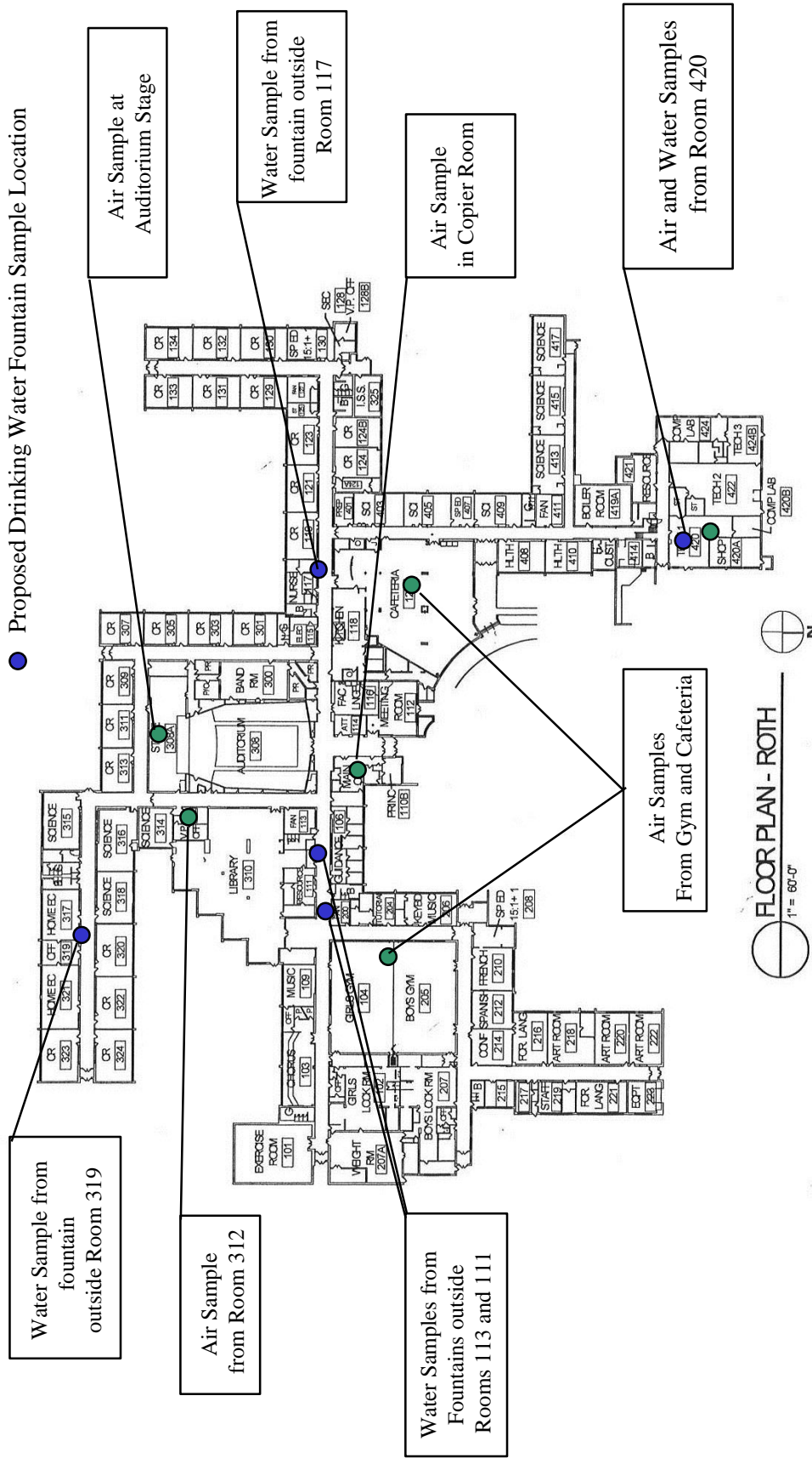
At the request of RHCS D, Leader conducted a comprehensive environmental assessment of the District's Roth Middle School building ("Roth") and property. The objective of the assessment was to evaluate the air quality and drinking water within the building, evaluate the soil conditions around Roth in the vicinity of the former bus garage, examine the past uses of the property and review the available regulatory information on the Roth property and nearby properties regarding spills or releases of hazardous substances.

A summary of Leader's findings are:

- The indoor air comfort parameters within the school are adequate and typical of school environments.
- All indoor air contaminants including VOCs, formaldehyde and 4-phenylcyclohexene levels measured were well below the OSHA PELs and below the levels found in residential homes in New York State.
- As a result of our soil sampling in the area of the former bus garage, we found no risk from vapor intrusion from petroleum related compounds.
- Based on samples collected, the drinking water in the school is safe. Consumption of water from one sink in the Health Office will be prohibited until plumbing issues are addressed.
- Based on the conditions monitored, no environmental factors associated with an increased risk of cancer were identified.

● Proposed Air Sample Location

● Proposed Drinking Water Fountain Sample Location



FLOOR PLAN - ROTH  
1" = 80'-0"

Proposed Sampling Locations  
Roth Middle School  
Henrietta, New York

Rush-Henrietta Central School District  
1133 Lehigh Station Road  
Henrietta, New York



Project 892.001  
Date 2/19/2016  
Scale None

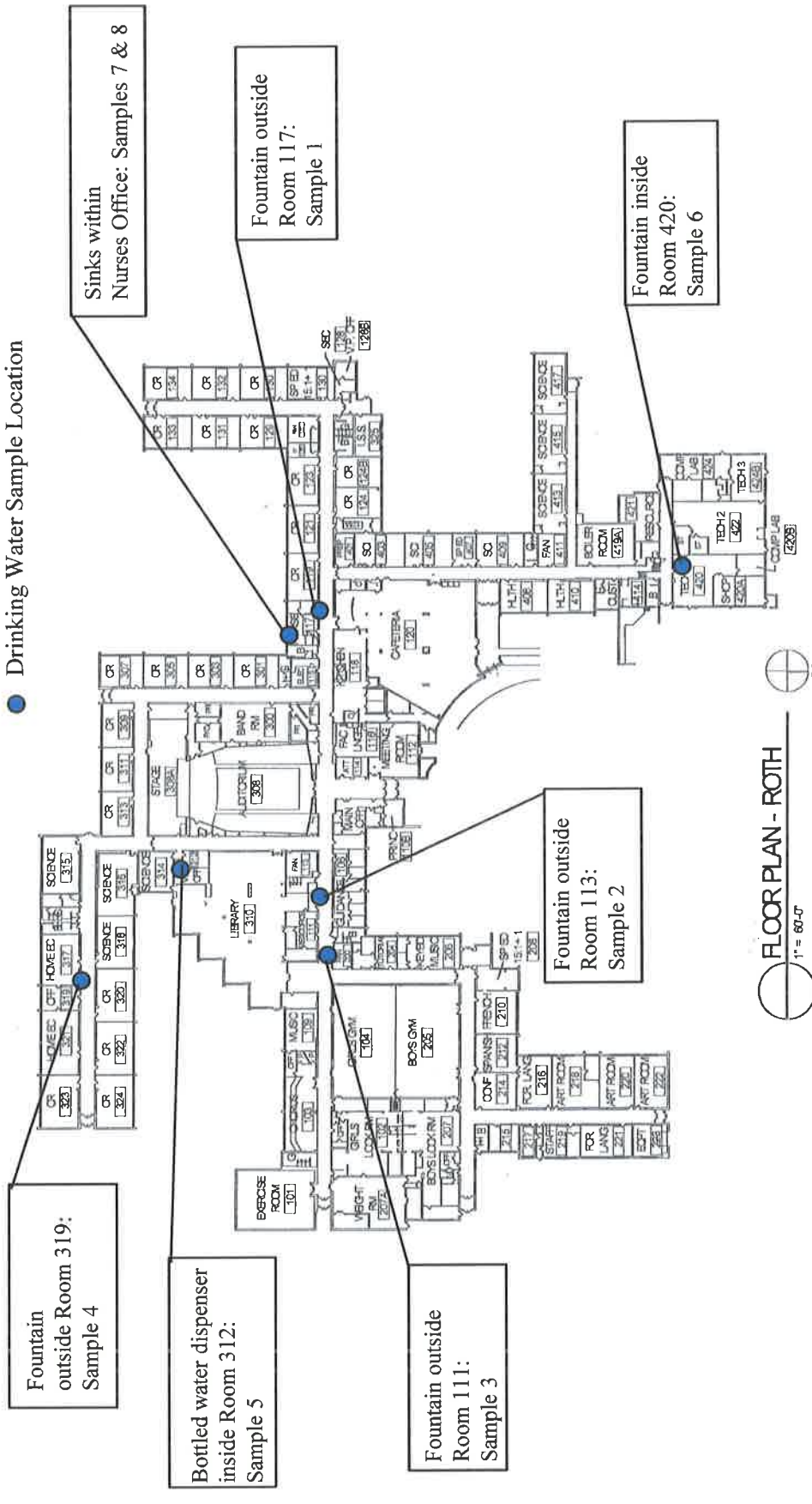
Drawn PVS  
Checked MPR  
File Name

Figure  
**1**

Title

Prepared For

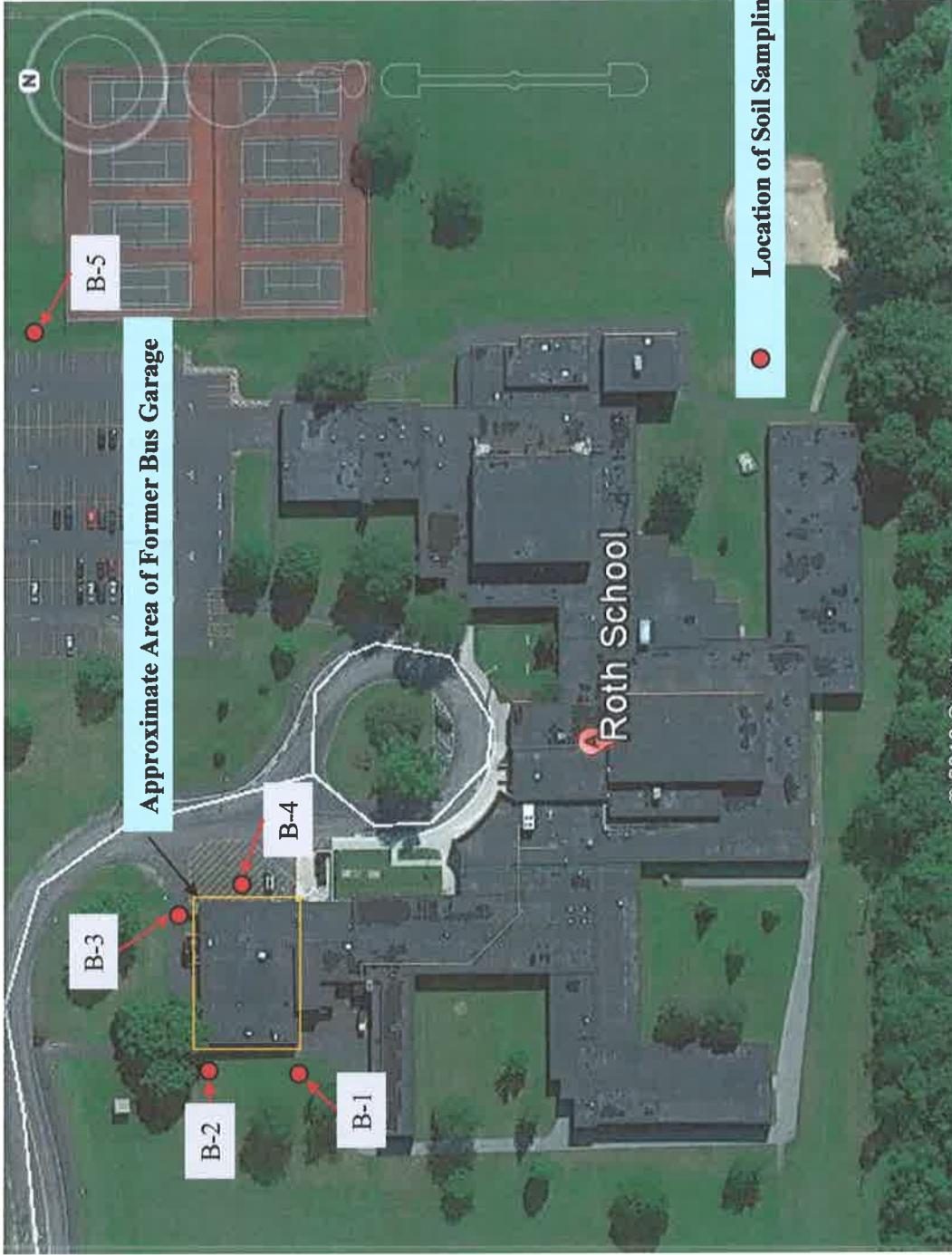
● Drinking Water Sample Location



FLOOR PLAN - ROTH  
1" = 80'-0"

Title	Water Sampling Locations Roth Middle School Henrietta, New York			Figure <b>2</b>
	Prepared For	Rush-Henrietta Central School District 1133 Lehigh Station Road Henrietta, New York		
Project	892.001	Drawn	PVS	Checked MPR File Name
Date	2/19/2016	Scale	None	
 Leader Professional Services, Inc. 371 Maruti Road-Suite 200 Pittsford, New York, 14554				





Approximate Area of Former Bus Garage

Location of Soil Sampling

Title  
Soil Sampling Locations  
Roth Middle School  
Henrietta New York

Prepared For  
Rush Henrietta Central School District  
Henrietta, Ne w York

**LEADER**  
Leader Professional  
Services, Inc.  
271 Marsh Road-Suite 200  
Pittsford, New York 14534

Project 892.001  
Date 2/19/2016  
Scale None

Drawn PVS  
Checked MPR  
File Name

Figure  
**3**

**Table 1**  
**Comfort Parameters and PID Volatile Organics Survey Results**  
**Roth Middle School**  
**Rush Henrietta Central School District**

<i>Location</i>	<i>Time (AM)</i>	<i>Carbon Dioxide (ppm)</i>	<i>Carbon Monoxide (ppm)</i>	<i>%RH</i>	<i>Temperature (°F)</i>	<i>PID</i>
Custodian's office (NW wing)	8:30	870	0	35.1	70.8	0.7
Custodian's office (NW wing)	8:30	1020 peak				
Tech. Rm 420	8:35	780	0	35.1	72.2	0.6
Loading Dock	8:38	840	0	30.9	71.7	0.6
Boiler Room	8:39	600	0	29.6	74.7	0.6
Hall by Rm-415	8:42	980	0	26.8	73.7	0.2
Hall by Rm-407	8:44	595	0	26.7	71.9	0.2
Cafeteria (unoccupied)	8:46	550	0	27.9	71.8	0.2
Hall by Rm-305	8:49	804	0	29.1	71.6	0.3
Hall by Rm-317	8:51	862	0	29.5	71.6	0.4
Hall by Rm-314	8:53	828	0	28.8	71.8	0.4
Vice Principal's Office	8:55	607	0	29	72.4	0.4
V.P. Office - closet						0.4
Library	8:59	541	0	25.8	72.6	0.3
Hall outside library main door	9:01	631	0	27.1	72.8	0.4
Gymnasium (~14 students)	9:03	666	0	29.8	73.1	0.4
Fitness Room (~20 students)	9:07	840	0	26.5	73.1	0.4
Hall by Rm-210	9:08	589	0	25.9	72	0.4
Hall by Rm-217	9:10	630	0	27.2	71.6	0.5
Office 217 (unoccupied)	9:11	636	0	26.9	72.1	0.4
Main Office	9:20	741	0	41.1	64.9	0.4
Auditorium (unoccupied)	9:22	486	0	31.1	69.6	0.3
Hall by Rm-128	9:27	645	0	26.2	71.3	0.4
Hall by Health Office (Rm-117) passing time	9:33-9:35	794-935	0	30.7	73.3	0.6
<b>Outdoors Main Entrance</b>	<b>9:15</b>	<b>433</b>	<b>0.1</b>	<b>37.9</b>	<b>45.1</b>	<b>0.2</b>
ASHRAE Guidelines		700 ppm above outdoor level		20%-60%	68°F-75°F	
OSHA PEL		5,000ppm	50ppm			

*"PID" – Photoionization Detection for non-specific volatile organic compounds*

*"ASHRAE" – American Society of Heating, Refrigerating and Air-Conditioning Engineers*

*"OSHA PEL" – Occupation Safety and Health Administration Permissible Exposure Limit*



**Table 2**  
**February 25, 2016, 8 Hour Sampling Event**  
**VOC Data Compared to OSHA PELs**

<b>Volatile Organic Compound</b>	<b>Gym (µg/m<sup>3</sup>)</b>	<b>Copier Room (µg/m<sup>3</sup>)</b>	<b>Cafeteria (µg/m<sup>3</sup>)</b>	<b>Office 312 (µg/m<sup>3</sup>)</b>	<b>Auditorium (µg/m<sup>3</sup>)</b>	<b>Tech. Rm 420 (µg/m<sup>3</sup>)</b>	<b>Outdoors- Roof (µg/m<sup>3</sup>)</b>	<b>OSHA PEL* 8-hr TWA (µg/m<sup>3</sup>)</b>
Acetone	13.1	15.8	15.8	14.6	11.2	93.8	3.3	2,400,000
Benzene	<0.639	0.661	<0.639	<0.639	<0.639	<0.639	<0.639	3,000
Carbon tetrachloride	0.585	0.585	0.623	0.629	0.604	0.56	0.522	63,000
Chloromethane	1.13	1.04	1.27	1.42	1.28	1.56	1.14	207,000
Cyclohexane	<0.688	<0.688	<0.688	1.35	<0.688	2.17	<0.688	1,050,000
Dichlorodifluoromethane	1.67	1.97	2.24	2.8	2.32	2.24	2.18	4,950,000
Ethanol	15.6	219	437	237	81.4	315	<9.42	1,900,000
Ethyl Acetate	<1.8	<1.8	3.78	<1.8	<1.8	2.22	<1.8	1,400,000
Heptane	<0.82	<0.82	<0.82	<0.82	<0.82	1.3	<0.82	2,000,000
Isopropanol	3.88	11.8	45.2	6.29	10.8	25.6	<1.23	980,000
n-Hexane	<0.705	<0.705	<0.705	<0.705	<0.705	1.34	<0.705	1,800,000
Tetrachloroethylene	0.21	0.258	0.624	0.339	0.312	0.407	0.203	685,000
Toluene	<0.754	1.98	0.995	0.848	<0.754	6.26	<0.754	755,000
Trichlorofluoromethane	1.48	1.61	1.65	1.83	1.72	2.46	1.49	5,600,000

"<" - Less than the analytical detection limit

\* OSHA Permissible Exposure Limit, 8-hour Time-Weighted Average  
µg/m<sup>3</sup> – micrograms per liter

**Table 3**  
**February 25 2016 Sampling Event**  
**VOC Data - 8 Hour Air Sampling, Summa Canisters**  
**Roth Middle School**  
**Rush Henrietta Central School District**  
**Henrietta, New York**

Volatile Organic Compound	Gym	Copier Room	Cafeteria	Office 312	Auditorium	Tech. Rm 420	Outdoors-Roof	NYS DOH Residential Background Levels for Indoor Air in Fuel Oil Heated Homes* (ug/m3)		
								Avg.	Min.	Max
Acetone	13.1	15.8	15.8	14.6	11.2	93.8	3.3	42	<0.25	690
Benzene	<0.639	0.661	<0.639	<0.639	<0.639	<0.639	<0.639	8.3	<0.25	460
Carbon tetrachloride	0.585	0.585	0.623	0.629	0.604	0.56	0.522	0.4	<0.25	4.2
Chloromethane	1.13	1.04	1.27	1.42	1.28	1.56	1.14	2	<0.25	260
Cyclohexane	<0.688	<0.688	<0.688	1.35	<0.688	2.17	<0.688	6	<0.25	510
Dichlorodifluoromethane	1.67	1.97	2.24	2.8	2.32	2.24	2.18	7.9	<0.25	300
Ethanol	15.6	219	437	237	81.4	315	<9.42	610	<0.25	16,000
Ethyl Acetate	<1.8	<1.8	3.78	<1.8	<1.8	2.22	<1.8	NA	NA	NA
Heptane	<0.82	<0.82	<0.82	<0.82	<0.82	1.3	<0.82	9.7	<0.25	670
Isopropanol	3.88	11.8	45.2	6.29	10.8	25.6	<1.23	NA	NA	NA
n-Hexane	<0.705	<0.705	<0.705	<0.705	<0.705	1.34	<0.705	9.5	<0.25	950
Tetrachloroethylene	0.21	0.258	0.624	0.339	0.312	0.407	0.203	1.3	<0.25	51
Toluene	<0.754	1.98	0.995	0.848	<0.754	6.26	<0.754	26	<0.25	510
Trichlorofluoromethane	1.48	1.61	1.65	1.83	1.72	2.46	1.49	7.5	<0.25	190

**Notes:**

All results in units of micrograms per cubic meter "ug/M3"

"<" - Less than the analytical detection limit

"NA" - Not available

\* New York State Department of Health Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes (104 single family homes, 1997-2003)

**TABLE 5**  
**Summary of Drinking Water Results for First Flush Sampling**  
**Roth Middle School**  
**Rush Henrietta Central School District**  
**Henrietta, New York**

Sample Number			1	2	3	4	5	6	7	8		
	Units	Drinking Water Guidelines	Room 117	Room 113	Room 111	Room 319	Bottled Water 312	Room 420	Nurses Sink Left	Nurses Sink Right	Blank Sample	Monroe County Water Authority Hemlock Lake Average Values from Distribution System
<b>Bacteria</b>	CFU/ML	500	<1	<1	<1	<1	<1	<b>310</b>	<1	<1	NA	NA
<b>Metals</b>												
<b>Arsenic</b>	mg/L	0.01	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	0.0023	<0.0014	Not detected
<b>Barium</b>	mg/L	2.0	0.014	0.013	0.014	0.013	0.013	<0.002	0.015	0.02	<0.002	0.016
<b>Chromium</b>	mg/L	0.1	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	Not detected
<b>Copper</b>	mg/L	1.3	0.5	0.38	0.26	0.19	0.34	<0.010	0.26	<b>1.6</b>	<0.010	Not detected
<b>Lead</b>	mg/L	0.015	0.004	<0.002	0.0015	<0.001	<0.0062	<0.001	0.0013	<b>0.11</b>	<0.001	Not detected

**Notes:**

CFU/ML = Colony forming units per milliliter

mg/L = milligrams per liter

Drinking water guidelines for metals are from the USEPA Maximum Contaminant Levels ("MCL") which are followed in New York. Bacteria guidelines are USEPA treatment technology based standard.

**TABLE 6**  
**Summary of Drinking Water Characteristics**  
**Roth Middle School**  
**Rush Henrietta Central School District**  
**Henrietta, New York**

		Sample Number	1	2	3	4	6	7	8		
		Room Number	117	113	111	317	420	Nurse's Office Left	Nurse's Office Right	Monroe County Testing System Water from Hemlock	Monroe County Onsite Testing
		Units									
<b>Preflush</b>	Alkalinity	ppm	40	40-120	40-120	40-120	40	40	40		
	pH	std. units	8.4	7.2	7.2	7.8-8.4	7.8-8.4	8.4	7.8		
	Free Chlorine	ppm	1	0-1	0-1	1	1	1	1		
	Total Chlorine	ppm	0-1	0	0	0-1	0	1	0		
	Hardness	ppm	100	100	<100	<100	100	100	100		
<b>Post Flush</b>	Alkalinity	ppm	40-120	40	40-120	40-120	40	40	40-120	65-67	
	pH	std. units	8.4	7.2-7.8	7.2	7.8-8.4	7.8-8.4	8.4	7.8	7.0-8.3	
	Free Chlorine	ppm	0-1	0-1	0-1	1	1	1	1		0.9 to 0.94**
	Total Chlorine	ppm	0-1	0-1	0-1	0-1	0-1	1	0-1	0-2.1( residual)	
	Hardness	ppm	<100	<100	<100	<100	100	100	100	88-92	
<b>Post Flush</b>	pH	std. units	7.3	7.3	7.7	7.3	7.3	7.5	7.7	7.8	
	Total Dissolved Solids	ppm	191	194	191	192	189	194.3	193.4	130-150	
	Conductivity	micro Siemens	291	296	293	287	290	294	290	260-480	
	Oxidation Reduction Potential	millivolts	561	394	449	686	402	603	668	Not measured	
	Turbidity	NTU	0	2	2	0	2	9.57	9.2	0.05-2.1	0.15***

**Notes:**

Sample 5 from Room 312 was not sampled since it is bottled water owned by a staff member.

\*\*\* When reported onsite sampling

\*\* Onsite sampling

ppm = parts per million

std. units = standard units

NTU = Nephelometric turbidity unit:

**TABLE 7**  
**Summary of Soil Sample Results**  
**Roth Middle School**  
**Rush Henrietta Central School District**  
**Henrietta, New York**

Location and Depth		B-1 3 ft.	B-2 12 ft.	B-3 8 ft.	B-4 5 ft.	B-5 8 ft.	
Volatile Organic Compounds	NYSDEC Guidance Levels for Soil Quality Residential Property	Units	Result	Result	Result	Result	
ACETONE	100,000	ug/Kg	<40.7	<b>150</b>	<40.2	<43.4	<36.4
BENZENE	2,900	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
BROMOCHLOROMETHANE	No standard	ug/Kg	<20.4	<20.6	<20.1	<21.7	<7.28
BROMODICHLOROMETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
BROMOFORM	No standard	ug/Kg	<20.4	<20.6	<20.1	<21.7	<18.2
BROMOMETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CARBON DISULFIDE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CARBON TETRACHLORIDE	1,400	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CHLOROBENZENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CHLORODIBROMOMETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CHLOROETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CHLOROFORM	10,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CHLOROMETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CYCLOHEXANE	No standard	ug/Kg	<40.7	<41.1	<40.2	<43.4	<36.4
1,2-DIBROMO-3-CHLOROPROPANE	No standard	ug/Kg	<40.7	<41.1	<40.2	<43.4	<36.4
1,2-DIBROMOETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
DICHLORODIFLUOROMETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,1-DICHLOROETHANE	19,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,2-DICHLOROETHANE	2,300	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,2-DICHLOROBENZENE	100	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,3-DICHLOROBENZENE	17,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,4-DICHLOROBENZENE	9,800	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,1-DICHLOROETHENE	100	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,4-DIOXANE	9,800	ug/Kg	<81.5	<82.3	<80.4	<86.7	<72.8
CIS-1,2-DICHLOROETHENE	59,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
TRANS-1,2-DICHLOROETHENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,2-DICHLOROPROPANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
CIS-1,3-DICHLOROPROPENE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
TRANS-1,3-DICHLOROPROPENE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
ETHYLBENZENE	30,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
2-HEXANONE	No standard	ug/Kg	<20.4	<20.6	<20.1	<21.7	<18.2
ISOPROPYLBENZENE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
2-BUTANONE (MEK)	100,000	ug/Kg	<40.7	<41.1	<40.2	<43.4	<36.4
METHYL ACETATE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
METHYL CYCLOHEXANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
METHYLENE CHLORIDE	51,000	ug/Kg	<20.4	<20.6	<20.1	<21.7	<18.2
4-METHYL-2-PENTANONE (MIBK)	No standard	ug/Kg	<20.4	<20.6	<20.1	<21.7	<18.2
METHYL TERT-BUTYL ETHER	62,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
NAPHTHALENE	No standard	ug/Kg	<20.4	<20.6	<20.1	<21.7	<18.2
N BUTYLBENZENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
N PROPYLBENZENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
P ISOPROPYLTOLUENE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
SEC BUTYLBENZENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
STYRENE	No standard	ug/Kg	<20.4	<20.6	<20.1	<21.7	<18.2
1,1,2,2-TETRACHLOROETHANE	35,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
TERT BUTYLBENZENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28

**TABLE 7**  
**Summary of Soil Sample Results**  
**Roth Middle School**  
**Rush Henrietta Central School District**  
**Henrietta, New York**

Location and Depth			B-1 3 ft.	B-2 12 ft.	B-3 8 ft.	B-4 5 ft.	B-5 8 ft.
	<i>NYSDEC Guidance Levels for Soil Quality Residential Property</i>	Units	Result	Result	Result	Result	Result
<b><i>Volatile Organic Compounds</i></b>							
TETRACHLOROETHENE	5,500	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
TOLUENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,2,3-TRICHLOROBENZENE	No standard	ug/Kg	<20.4	<20.6	<20.1	<21.7	<18.2
1,2,4-TRICHLOROBENZENE	No standard	ug/Kg	<20.4	<20.6	<20.1	<21.7	<18.2
1,1,1-TRICHLOROETHANE	100	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,1,2-TRICHLOROETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,2,4 TRIMETHYLBENZENE	47,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,3,5-TRIMETHYLBENZENE	47,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
TRICHLOROETHENE	10,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
TRICHLOROFLUOROMETHANE	No standard	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
1,1,2-TRICHLOROTRIFLUOROETHANE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
VINYL CHLORIDE	210	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
M,P XYLENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
O XYLENE	100,000	ug/Kg	<8.15	<8.23	<8.04	<8.67	<7.28
<b><i>Semivolatile Organic Compounds</i></b>							
ANTHRACENE	100,000	ug/Kg	<322	<335	<332	<334	<307
ACENAPHTHENE	100,000	ug/Kg	<322	<335	<332	<334	<307
ACENAPHTHYLENE	100,000	ug/Kg	<322	<335	<332	<334	<307
BENZO(A)ANTHRACENE	1,000	ug/Kg	<322	<335	<332	<334	<307
BENZO(A)PYRENE	1,000	ug/Kg	<322	<335	<332	<334	<307
BENZO(B)FLUORANTHENE	1,000	ug/Kg	<322	<335	<332	<334	<307
BENZO(G,H,I)PERYLENE	100,000	ug/Kg	<322	<335	<332	<334	<307
BENZO(K)FLUORANTHENE	1,000	ug/Kg	<322	<335	<332	<334	<307
CHRYSENE	1,000	ug/Kg	<322	<335	<332	<334	<307
DIBENZ(A,H)ANTHRACENE	330	ug/Kg	<322	<335	<332	<334	<307
FLUORANTHENE	100,000	ug/Kg	<322	<335	<332	<334	<307
FLUORENE	100,000	ug/Kg	<322	<335	<332	<334	<307
INDENO(1,2,3-CD)PYRENE	500	ug/Kg	<322	<335	<332	<334	<307
NAPHTHALENE	100,000	ug/Kg	<322	<335	<332	<334	<307
PHENANTHRENE	100,000	ug/Kg	<322	<335	<332	<334	<307
PYRENE	100,000	ug/Kg	<322	<335	<332	<334	<307

**ATTACHMENT 1**

**PHOTOGRAPHS**

Rush-Henrietta Central School District  
Henrietta, New York



Auditorium stage.



Copier room.



Gym air sample location.



Roof sample location.



Roof sample.



Stage air sample.



Rush-Henrietta Central School District  
Henrietta, New York



Stage resource cabinet.



Tech Room 420



VP office knick knacks.



VP office sample location.

**ATTACHMENT 2**  
**AERIAL PHOTOGRAPHS**



1930



1561





1960



1970

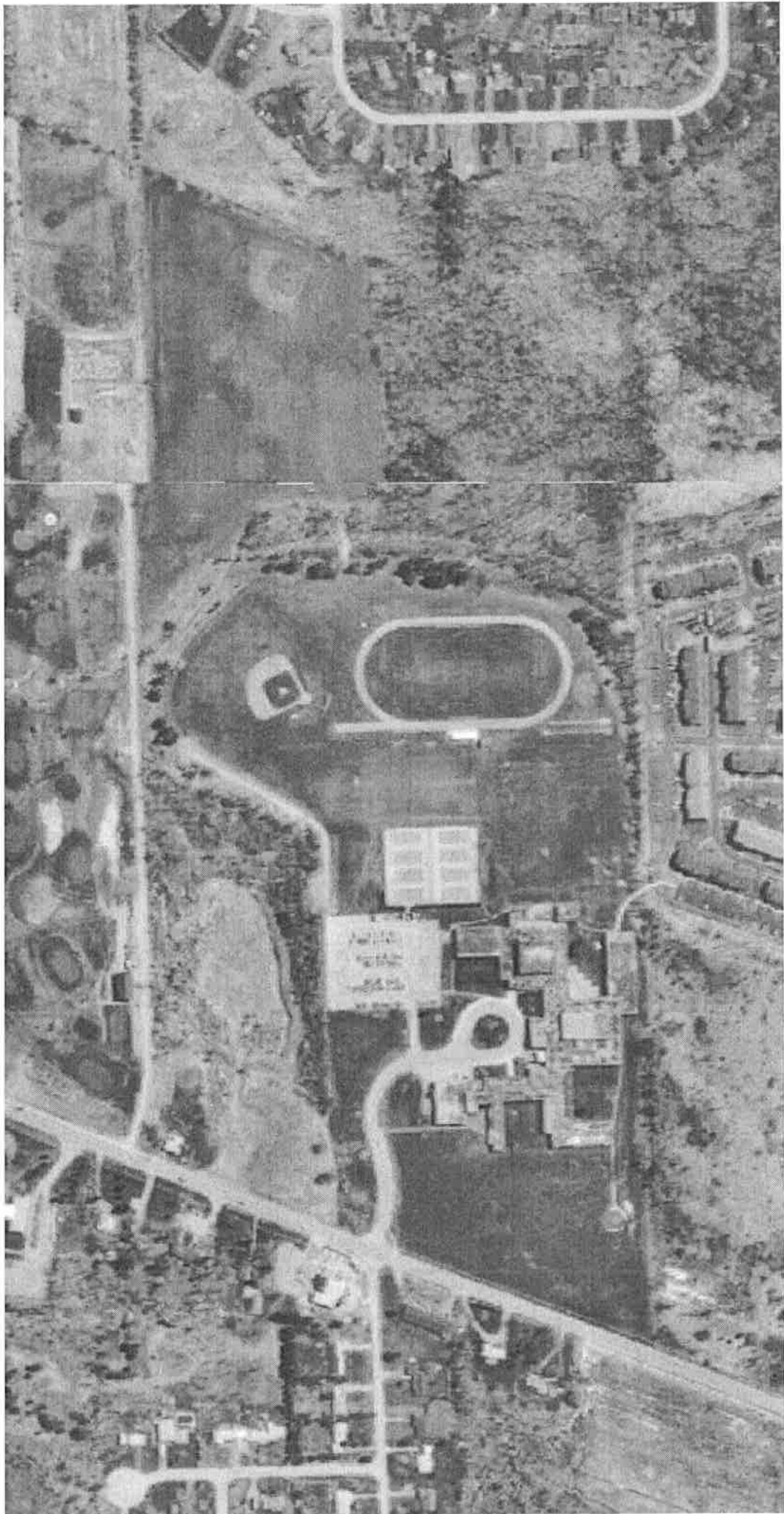


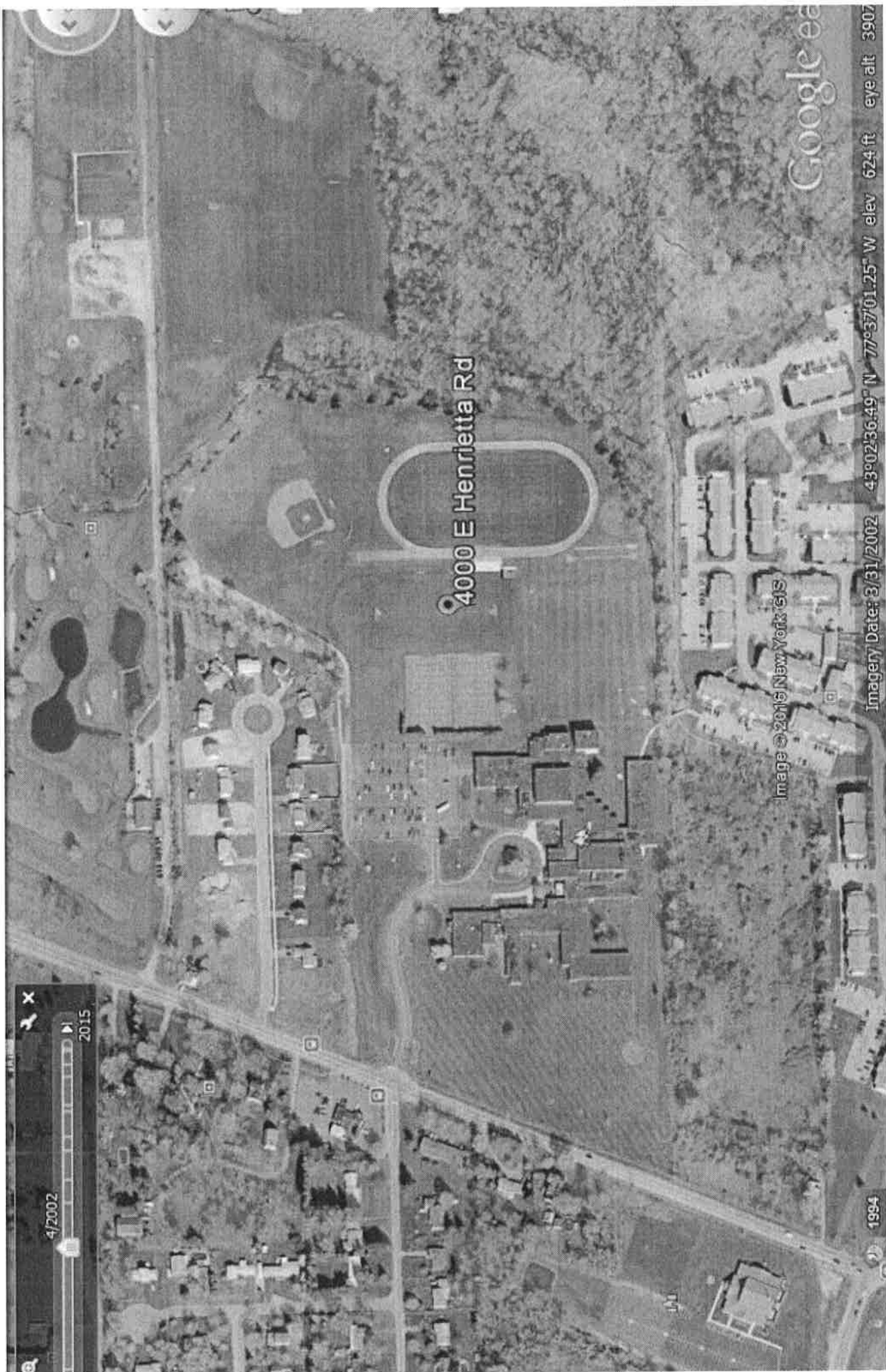
8861



1993







4000 E Henrietta Rd

Image © 2016 New York GIS

Google Earth

Imagery Date: 8/31/2002 43°02'36.49" N 77°37'01.25" W elev 624 ft eye alt 3907

4/2002 2015

Navigation icons: Home, Street View, Full Screen, Close

1994



9/2009

4000 E Henrietta Rd

Image USDA Farm Service Agency

Google ea

1994

Imagery Date: 5/3/2009

43°02'36.49" N 77°37'01.25" W elev 624 ft

eye alt 3907





4000 E Henrietta Rd

© 2016 Google

Google Earth

1994

Imagery Date: 7/19/2015 43°02'36.22" N 77°36'58.26" W elev 626 ft eye alt 3907

**ATTACHMENT 3**  
**FREEDOM OF INFORMATION ACT DOCUMENTATION**

New York State Department of Environmental Conservation  
**APPLICATION FOR ACCESS TO RECORDS**  
Pursuant to New York State Freedom of Information Law (FOIL)

---

Please complete all applicable fields

**Records Requested**

Whenever possible, please provide specific facility name(s), owner(s), address(es), permit/spill/PBS/incident number(s).

7-Eleven 3995 W. Henrietta Road

Sunoco Service Station, 3865 W. Henrietta Road

Division of Water, PBS, Air, Materials Management, or Hazardous Waste Remediation

**Time Period for Records Sought**

From 1/1/70 To: 2/11/16 Not Applicable:

**Requestor Contact Information**

Name: Peter von Schondorf Company (if applicable): Leader Professional Services

Phone: (585) 248-2413 Fax: \_\_\_\_\_ Email: pvenschondorf@leaderlink.com

Mailing Address: 271 Marsh Road, Suite 2, Pittsford, NY 14534

Date Submitted: 2/11/16

**Electronic copies preferred**

All requests must be in writing and may be submitted to the New York State Department of Environmental Conservation (NYSDEC) via:

Email: [access.records@dec.ny.gov](mailto:access.records@dec.ny.gov)

Fax: (518) 402-9018

Mail: Records Access Officer

NYSDEC, 625 Broadway, Albany, NY 12233-1500

For more information go to <http://www.dec.ny.gov/public/373.html>

New York State Department of Environmental Conservation  
**APPLICATION FOR ACCESS TO RECORDS**  
Pursuant to New York State Freedom of Information Law (FOIL)

---

Please complete all applicable fields

**Records Requested**

Whenever possible, please provide specific facility name(s), owner(s), address(es), permit/spill/PBS/incident number(s).

NYS Thruway - Henrietta

LUST Spill 9206826 and any follow up actions and any files found with the following:

Division of Water, PBS, Air, Materials Management, or Hazardous Waste Remediation

**Time Period for Records Sought**

From 1/1/70 To: 2/11/16 Not Applicable:

**Requestor Contact Information**

Name: Peter von Schondorf Company (if applicable): Leader Professional Services

Phone: (585) 248-2413 Fax: \_\_\_\_\_ Email: pvenschondorf@leaderlink.com

Mailing Address: 271 Marsh Road, Suite 2, Pittsford, NY 14534

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All requests must be in writing and may be submitted to the New York State Department of Environmental Conservation (NYSDEC) via:

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New York State Department of Environmental Conservation  
**APPLICATION FOR ACCESS TO RECORDS**  
Pursuant to New York State Freedom of Information Law (FOIL)

---

Please complete all applicable fields

**Records Requested**

Whenever possible, please provide specific facility name(s), owner(s), address(es), permit/spill/PBS/incident number(s).

Rush Henrietta School District, Roth Middle School, 4000 E. Henrietta Road, Henrietta

Additional information is requested involving the following:

Spill #9001974; 0750597; 9305565;

LUST (Spill) 8605909

PBS 8-013420

We are looking for information where NYSDEC addressed an issue at the Roth Middle School where: the Department responded to render assistance or provided resources; conducted a regulatory inspection; or where the Department has granted an environmental permit.

Division of Water, Air, Materials Management, or Hazardous Waste Remediation

**Time Period for Records Sought**

From 1/1/70 To: 2/11/16 Not Applicable:

**Requestor Contact Information**

Name: Peter von Schondorf Company (if applicable): Leader Professional Services

Phone: (585) 248-2413 Fax: \_\_\_\_\_ Email: pvenschondorf@leaderlink.com

Mailing Address: 271 Marsh Road, Suite 2, Pittsford, NY 14534

Date Submitted: 2/11/16

**Electronic copies preferred**

All requests must be in writing and may be submitted to the New York State Department of Environmental Conservation (NYSDEC) via:

Email: [access.records@dec.ny.gov](mailto:access.records@dec.ny.gov)

Fax: (518) 402-9018

Mail: Records Access Officer

NYSDEC, 625 Broadway, Albany, NY 12233-1500

For more information go to <http://www.dec.ny.gov/public/373.html>





TOWN OF HENRIETTA

County of Monroe • State of New York  
475 Calkins Road, P.O. Box 999, Henrietta, N.Y. 14467  
(585) 334-7700 • www.henrietta.org

JACK W. MOORE  
Supervisor

PETER C. MINOTTI  
Deputy Town Supervisor

JANET B. ZINCK  
M. RICK PAGE  
KENNETH H. BREESE  
SCOTT M. ADAIR  
Council Members

**SENT VIA EMAIL TO PVONSCHONDORF@LEADERLINK.COM**

February 11, 2016

Peter vonSchondorf  
Leader Professional Services  
271 Marsh Road, Suite 2  
Pittsford, NY 14534

Re: Application for Public Access to Records F.O.I.L.

- **Request #2016-017:** Request for copies of fuel storage and hazardous materials, site plans for the property's initial development as a school and any expansions, utility plans and information about prior property ownership and use for 4000 East Henrietta Road

Dear Mr. vonSchondorf:

Please be advised that your Freedom of Information request has been approved and will be sent to the appropriate department for fulfillment. Please be assured that every effort will be made to fulfill your request in a timely fashion; however, should the department not be able to respond to your request within twenty (20) business days, we will contact you with an approximate date as to when you can expect the information.

Should you have any questions, please contact our office at (585) 359-7035.

Sincerely,

A handwritten signature in blue ink that reads "Rebecca B. Wiesner (TH)".

Rebecca B. Wiesner  
Town Clerk and Records Access Officer

RW/hv

xc: Building, Fire & Code Enforcement  
Engineering  
Assessor's Office



Peter vonSchondorf <pvonschondorf@leaderlink.com>

---

## FOIL Request :: W003674-021116

1 message

---

**New York DEC Support** <newyorkdec@mycusthelp.net>

Thu, Feb 11, 2016 at 3:37 PM

To: pvonschondorf@leaderlink.com

Dear Peter:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 2/11/2016 and given the reference number FOIL #W003674-021116 for tracking purposes. You may expect the Department's response to your request no later than **3/11/2016**.

Record Requested: **7-Eleven 3995 W. Henrietta Road Sunoco Service Station, 3865 W. Henrietta Road Division of Water, PBS, Air, Materials Management, or Hazardous Waste Remediation**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

[https://mycusthelp.com/NEWYORKDEC/\\_rs/RequestLogin.aspx](https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx)

New York State Department of Environmental Conservation, Record Access Office

---

Track the issue status and respond at: [https://mycusthelp.com/NEWYORKDEC/\\_rs/RequestEdit.aspx?rid=3674](https://mycusthelp.com/NEWYORKDEC/_rs/RequestEdit.aspx?rid=3674)



**TOWN OF HENRIETTA**  
**FREEDOM OF INFORMATION REQUEST**

Office Use Only

**FOIL REQUEST #:** \_\_\_\_\_

\_\_\_\_\_ Records Access Officer's Initials

\_\_\_\_\_ Town Supervisor's Initials

Please identify the records you are interested in as clearly as possible. Use the back of this page if necessary.

The Freedom of Information Law requires that we must respond to a request within five (5) business days of receipt of a request. If your request is approved, we will get that information to you as soon as possible depending upon the volume of documents requested and time involved locating the material, but it will be within twenty (20) business days from the approval, unless we notify you otherwise.

If any portion of the request is denied, you will be informed of the reason in writing and provided with the contact information to whom an appeal should be directed.

**Date:** February 10, 2016

**Name:** Peter vonSchondorf

**Business:** Leader Professional Services

**Address:** 271 Marsh Road, Suite 2  
Pittsford, NY

**Phone:** 585-248-2413 **Fax:** \_\_\_\_\_

**Email:** pvenschondorf@leaderlink.com

<b>FEE SCHEDULE:**</b>	
Electronic copy	Cost of media
8.5 x 11 page	\$0.25/page
11 x 17 page	\$0.50/page
24 x 48 drawing	\$5.00/page
36 x 48 drawing	\$10.00/page
*Letters of Compliance	\$45.00

\*\*Additional fees may apply in connection with the actual cost to produce a record, in accordance with New York Freedom of Information Law.

Please check how you would like to receive the information:  
 Inspect       Obtain a Printed Copy       Obtain an Electronic Copy

**Address of Request:** 4000 E. Henrietta Road      **SBL# (Tax ID):** 190.05-1-33

- Certificate of Occupancy
- Certificate of Compliance
- Fire Violations
- Fuel Storage Tanks
- Letters of Compliance\*
- Property Maint. / Code Violation
- Site / Subdivision Plans
- Special Permits / Variances
- Survey Maps
- Utility Plans

**Specifics:** \_\_\_\_\_  
Permits for fuel storage and hazardous materials  
Site Plans for the property's initial development as a school and  
and expansions.  
Information about the property ownership and use prior to school  
district acquisition.

**HOW TO SUBMIT THIS APPLICATION**  
**Email form to:** [rwiesner@henrietta.org](mailto:rwiesner@henrietta.org)  
**Print and mail to:** Rebecca Wiesner, Records Access Officer, 475 Calkins Road, Henrietta, NY 14467  
**Fax to:** (585) 334-9667



TOWN OF HENRIETTA

County of Monroe • State of New York  
475 Calkins Road, P.O. Box 999, Henrietta, N.Y. 14467  
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M. RICK PAGE  
KENNETH H. BREESE  
SCOTT M. ADAIR  
Council Members

**SENT VIA EMAIL TO PVONSCHONDORF@LEADERLINK.COM**

February 17, 2016

Peter von Schondorf  
Leader Professional Services  
271 Marsh Road, Suite 2  
Pittsford, NY 14534

Re: Completion of F.O.I.L.

- **Request #2016-017:** Request for copies of fuel storage and hazardous materials, site plans for the property's initial development as a school and any expansions, utility plans and information about prior property ownership and use for 4000 East Henrietta Road

Dear Mr. von Schondorf:

Enclosed please find the information you requested through your Freedom of Information Law (FOIL) request for 4000 East Henrietta Road. Please be advised that any prior ownership information can be found by contacting the Monroe County Clerk's Office at (585) 753-1600 as the Town of Henrietta does not have any information on file.

If you have any questions, please contact our office at (585)359-7035.

Sincerely,

Rebecca B. Wiesner  
Town Clerk and Records Access Officer

RW/hv

September 4, 2007

Phone 585.454.6110  
Fax 585.454.3066  
www.labellapc.com

Mr. Michael Zamiarski, P.E.  
New York State Department of Environmental Conservation  
6274 East Avon-Lima Road  
Avon, New York 14414

Re: NYSDEC Spill #0750597  
Roth Middle School  
4000 East Henrietta Road, Henrietta, New York  
LaBella Project No. 207730

Dear Mr. Zamiarski:

The purpose of this letter is to request a "No Further Action Letter" from the Department, relating to the actions completed in response to New York State Department of Environmental Conservation (NYSDEC) and Spill #0750597 at Rush-Henrietta Central School District's (RHCS D) Roth Middle School located at 4000 East Henrietta Road in the Town of Henrietta, Monroe County, New York hereinafter referred to as the "Site."

Introduction:

On July 23, 2007, what appeared to be fuel oil impacted soil was encountered during excavation activities related with loading dock improvements to the Roth Middle School. As such, a release was reported to the NYSDEC and Spill #0750597 was assigned to the release. The location of the loading dock excavation is included on Figure 1 (attached).

On July 24, 2007, a representative from LaBella Associates, P.C. ("LaBella") inspected the soil for evidence of impairment by advancing two (2) test pits within the footprint of the proposed loading dock excavation. The soil from the test pits was screened with a Photo-Ionization Detector (PID) for total Volatile Organic Compounds (VOCs). PID readings of soil within the test pits ranged from 22 to 300 parts per million (ppm) and some soil within the test pits was observed to be stained gray and exhibit a petroleum-like odor. A 12,000-gallon Underground Storage Tank (UST) used to store fuel oil is located adjacent to the south of the loading dock excavation.

Background:

According to the Rush-Henrietta Central School District (RHCS D) two (2) 10,000-gallon #2 fuel oil USTs were formerly located at the same location as the existing 12,000-gallon UST. The two (2) USTs were removed in 1993 and replaced with the existing UST. During the removal of the two (2) 10,000-gallon USTs, petroleum impacted soil was encountered and a spill was reported to the NYSDEC on August 4, 1993. The NYSDEC assigned Spill #9305565 to the release. According to the NYSDEC Spill Report Form, approximately 200 cubic yards of impacted soil was excavated from the tank pit and disposed of off-site at High Acres Landfill. Also, confirmatory soil samples collected and analyzed from the excavation appeared to indicate that concentrations of petroleum related compounds in the soil were below the NYSDEC cleanup criteria. As a result the NYSDEC closed Spill #9305565 on August 17, 1994.



Management of Petroleum Impacted Soil:

Based on the previous remedial actions conducted as part of NYSDEC Spill #9305565 and that the former UST pit was located in close proximity to the excavation for the new loading dock, the petroleum impacted soil encountered within the excavation appeared to be residual impairment from NYSDEC Spill #9305565. As a result, any petroleum impacted soil encountered within the excavation that exhibited evidence of impairment was segregated from non-impacted soil and staged on and covered with polyethylene sheeting pending disposal. Soil that was defined to exhibit evidence of impairment contained a petroleum odor, detectable readings of VOCs on a PID, or appeared to be stained (e.g. gray color) from petroleum.

Excavation Closure Sampling:

Subsequent to the completion of the excavation phase during the loading dock improvements, confirmatory soil samples from the bottom and sidewalls of the excavation on were collected on July 25, 2007 in accordance with NYSDEC Spill Technology and Remediation Series (STARS) Memo #1 guidelines. *[Note: A confirmatory soil sample was not collected from the south and west sidewalls of the excavation as due to the exposed foundation wall of the adjacent building and the existing 12,000-gallon UST respectively.]* The samples were sent under Chain of Custody procedures to a New York State Department of Health (NYSDOH) Environmental Laboratory Assessment Program (ELAP) certified laboratory and analyzed for NYSDEC STARS-List VOCs by United States Environmental Protection Agency (USEPA) Method 8260B and NYSDEC STARS-list Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270C.

Petroleum related VOCs and SVOCs were not detected at concentrations above the reported laboratory method detection limits in the confirmatory soil samples analyzed from the Site. A copy of the Laboratory Analytical Report is included as Attachment 1.

Soil Disposal:

As a result of the loading dock improvements, approximately 30 cubic yards of petroleum impacted soil was generated that required off-site disposal. On August 22, 2007, 32.96 tons of petroleum-impacted soil generated from the loading dock improvements was transported by Ricelli Enterprises, Inc. (a NYSDEC Part 364 permitted waste hauler) to Mill Seat Landfill, a NYSDEC Part 360 landfill. A copy of the soil disposal weight ticket is included in Attachment 2. The waste characterization soil sample analytical results are also included in Attachment 2.

Conclusion:

Approximately 32.96 tons of petroleum impacted soil was removed from the Site in accordance with applicable regulations and disposed of at a NYSDEC Part 360 Landfill.

The source of the impacted soil was the two (2) former USTs that were removed from the Site in 1993. The 1993 UST removal action included an off-site disposal of 200 cubic yards of source area soil.

NYSDEC STARS closure sampling and the corresponding analytical data indicate that no constituents of concern were detected at concentrations above the reported laboratory method detection limit from the base and each sidewall of the excavation.

Mr. Michael Zamiarski, P.E.  
New York State Department of Environmental Conservation  
September 4, 2007  
Page 3

Based on the fact that impacted soil has been removed from the site, and that no constituents of concern were detected in the closure samples collected from the remedial excavation, there is no a remedial concern at the Site with regard to NYSDEC Spill #0750597. Accordingly, it is requested that the Spill file be closed and a no further action letter should be issued.

These activities were conducted by LaBella Associates, P.C. on behalf of the RHCS D. If you have any further questions or require additional information, please do not hesitate to call me at (585) 295-6253.

Respectfully submitted,

LABELLA ASSOCIATES, P.C.



Michael F. Pelychaty  
Geologist

DEP/MFP/lk

cc: Ray Philipson; Watchdog Building Partners LLC  
Todd LaBarr; Watchdog Building Partners LLC  
Zachary Coffey; Watchdog Building Partners LLC  
David Kaye; RHCS D  
Michael Skill; LaBella Associates, P.C.

Y:\Rush-Herietta CSD\207730\J7104MP1.DOC

**LaBELLA**

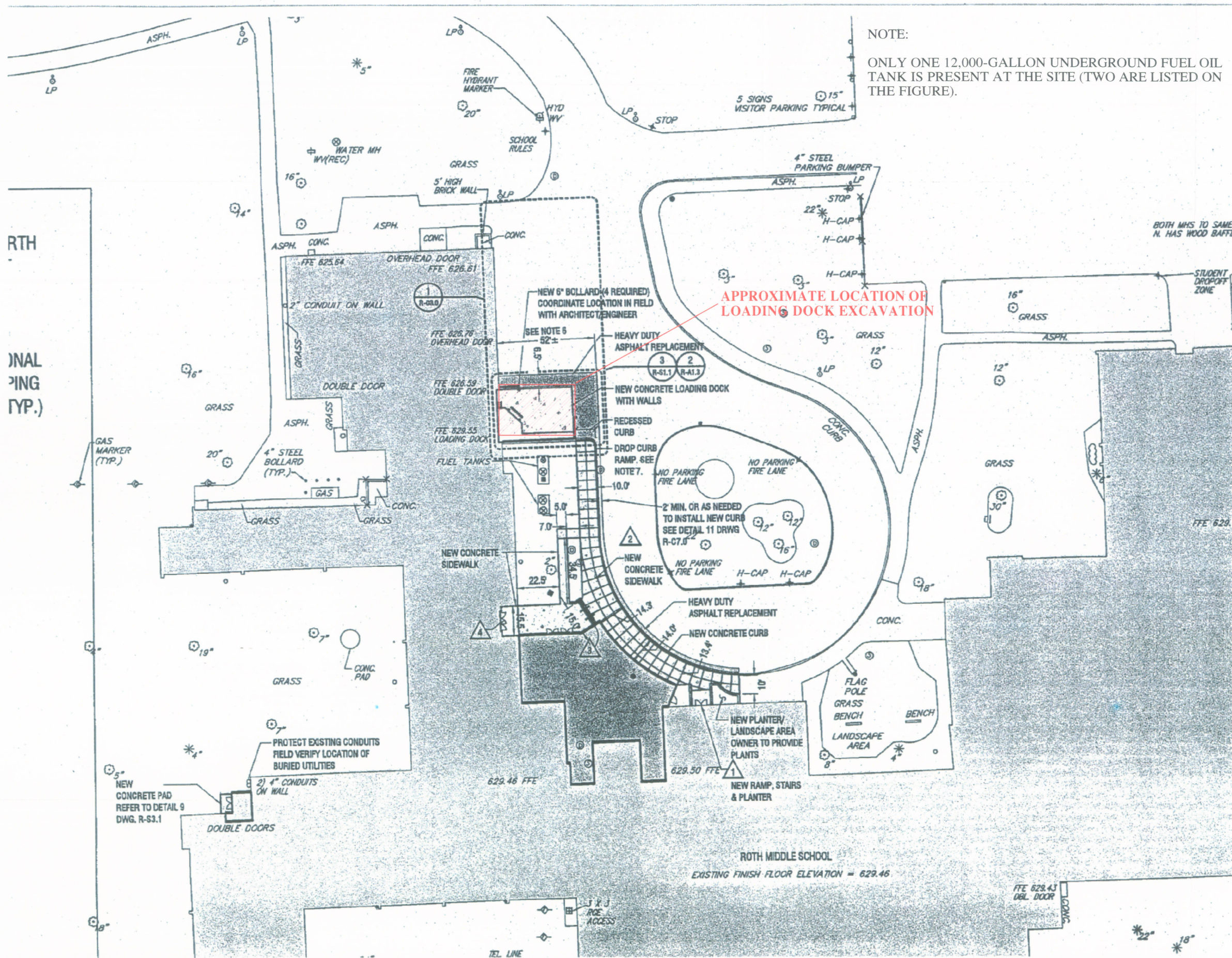
LaBella Associates, P.C.

300 State Street

Rochester, New York 14614

**Figure**





NOTE:  
 ONLY ONE 12,000-GALLON UNDERGROUND FUEL OIL TANK IS PRESENT AT THE SITE (TWO ARE LISTED ON THE FIGURE).



**LABELLA**  
 Associates, P.C.

300 STATE STREET  
 ROCHESTER, NY 14614  
 P: (585) 454-6110  
 F: (585) 454-3066

PROJECT/LOCATION  
 MANAGEMENT OF PETROLEUM IMPACTED SOIL  
 NYSDEC SPILL #0750597

ROTH MIDDLE SCHOOL  
 4000 EAST HENRIETTA RD  
 HENRIETTA, NEW YORK

DRAWING TITLE  
 SITE MAP AND LOCATION OF LOADING DOCK EXCAVATION

ISSUED FOR:  
**FINAL**  
 DATE: AUGUST 2007  
 DESIGNED BY: MFP  
 DRAWN BY: MFP  
 REVIEWED BY: DEP

PROJECT/DRAWING NO.

[ 207730 ]

[ FIGURE 1 ]



**LaBELLA**

LaBella Associates, P.C.

300 State Street

Rochester, New York 14614

# Attachment 1

### Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

 Client Job Site: Roth Middle School  
 Loading Dock

Lab Project Number: 07-2590

Lab Sample Number: 8801

Client Job Number: N/A

Field Location: North Sidewall

Date Sampled: 07/25/2007

Field ID Number: N/A

Date Received: 07/25/2007

Sample Type: Soil

Date Analyzed: 07/31/2007

Aromatics	Results in ug / Kg
Benzene	ND< 8.88
n-Butylbenzene	ND< 44.4
sec-Butylbenzene	ND< 8.88
tert-Butylbenzene	ND< 22.2
Ethylbenzene	ND< 8.88
n-Propylbenzene	ND< 8.88
Isopropylbenzene	ND< 44.4
p-Isopropyltoluene	ND< 44.4
Naphthalene	ND< 22.2
Toluene	ND< 8.88
1,2,4-Trimethylbenzene	ND< 8.88
1,3,5-Trimethylbenzene	ND< 8.88
m,p-Xylene	ND< 8.88
o-Xylene	ND< 8.88
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	ND< 8.88

ELAP Number 10958

Method: EPA 8260B

Data File: V49213.D

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

Signature:

  
 \_\_\_\_\_  
 Bruce Hoogesteger, Technical Director

### Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates, P.C.

Client Job Site: Roth Middle School  
 Loading Dock  
 Client Job Number: N/A  
 Field Location: South Sidewall  
 Field ID Number: N/A  
 Sample Type: Soil

Lab Project Number: 07-2590  
 Lab Sample Number: 8802  
 Date Sampled: 07/25/2007  
 Date Received: 07/25/2007  
 Date Analyzed: 07/31/2007

Aromatics	Results in ug / Kg
Benzene	ND< 9.39
n-Butylbenzene	ND< 46.9
sec-Butylbenzene	ND< 9.39
tert-Butylbenzene	ND< 23.5
Ethylbenzene	ND< 9.39
n-Propylbenzene	ND< 9.39
Isopropylbenzene	ND< 46.9
p-Isopropyltoluene	ND< 46.9
Naphthalene	ND< 23.5
Toluene	ND< 9.39
1,2,4-Trimethylbenzene	ND< 9.39
1,3,5-Trimethylbenzene	ND< 9.39
m,p-Xylene	ND< 9.39
o-Xylene	ND< 9.39
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	ND< 9.39


ELAP Number 10958

Method: EPA 8260B

Data File: V49214.D

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

Signature:

  
 Bruce Hoogesteger, Technical Director



**Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: **LaBella Associates, P.C.**

Client Job Site: Roth Middle School  
Loading Dock  
Client Job Number: N/A  
Field Location: East Sidewall  
Field ID Number: N/A  
Sample Type: Soil

Lab Project Number: 07-2590  
Lab Sample Number: 8803  
Date Sampled: 07/25/2007  
Date Received: 07/25/2007  
Date Analyzed: 07/31/2007

Aromatics	Results in ug / Kg
Benzene	ND< 9.77
n-Butylbenzene	ND< 48.8
sec-Butylbenzene	ND< 9.77
tert-Butylbenzene	ND< 24.4
Ethylbenzene	ND< 9.77
n-Propylbenzene	ND< 9.77
Isopropylbenzene	ND< 48.8
p-Isopropyltoluene	ND< 48.8
Naphthalene	ND< 24.4
Toluene	ND< 9.77
1,2,4-Trimethylbenzene	ND< 9.77
1,3,5-Trimethylbenzene	ND< 9.77
m,p-Xylene	ND< 9.77
o-Xylene	ND< 9.77
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	ND< 9.77

ELAP Number 10958

Method: EPA 8260B

Data File: V49215.D

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

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

**Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: LaBella Associates, P.C.

Client Job Site: Roth Middle School  
Loading Dock  
Client Job Number: N/A  
Field Location: North Sidewall  
Field ID Number: N/A  
Sample Type: Soil

Lab Project Number: 07-2590  
Lab Sample Number: 8801  
Date Sampled: 07/25/2007  
Date Received: 07/25/2007  
Date Analyzed: 07/26/2007

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 310
Acenaphthylene	ND< 310
Anthracene	ND< 310
Benzo (a) anthracene	ND< 310
Benzo (a) pyrene	ND< 310
Benzo (b) fluoranthene	ND< 310
Benzo (g,h,i) perylene	ND< 310
Benzo (k) fluoranthene	ND< 310
Chrysene	ND< 310
Dibenz (a,h) anthracene	ND< 310
Fluoranthene	ND< 310
Fluorene	ND< 310
Indeno (1,2,3-cd) pyrene	ND< 310
Naphthalene	ND< 310
Phenanthrene	ND< 310
Pyrene	ND< 310

ELAP Number 10958

Method: EPA 8270C

Data File: S35796.D

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

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



**Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: LaBella Associates, P.C.

Client Job Site: Roth Middle School  
Loading Dock  
Client Job Number: N/A  
Field Location: South Sidewall  
Field ID Number: N/A  
Sample Type: Soil

Lab Project Number: 07-2590  
Lab Sample Number: 8802  
Date Sampled: 07/25/2007  
Date Received: 07/25/2007  
Date Analyzed: 07/26/2007

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 314
Acenaphthylene	ND< 314
Anthracene	ND< 314
Benzo (a) anthracene	ND< 314
Benzo (a) pyrene	ND< 314
Benzo (b) fluoranthene	ND< 314
Benzo (g,h,i) perylene	ND< 314
Benzo (k) fluoranthene	ND< 314
Chrysene	ND< 314
Dibenz (a,h) anthracene	ND< 314
Fluoranthene	ND< 314
Fluorene	ND< 314
Indeno (1,2,3-cd) pyrene	ND< 314
Naphthalene	ND< 314
Phenanthrene	ND< 314
Pyrene	ND< 314

ELAP Number 10958

Method: EPA 8270C

Data File: S35797.D

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

Signature: \_\_\_\_\_

Bruce Hoogesteger, Technical Director



**Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: LaBella Associates, P.C.

Client Job Site: Roth Middle School  
Loading Dock  
Client Job Number: N/A  
Field Location: East Sidewall  
Field ID Number: N/A  
Sample Type: Soil

Lab Project Number: 07-2590  
Lab Sample Number: 8803  
Date Sampled: 07/25/2007  
Date Received: 07/25/2007  
Date Analyzed: 07/26/2007

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 326
Acenaphthylene	ND< 326
Anthracene	ND< 326
Benzo (a) anthracene	ND< 326
Benzo (a) pyrene	ND< 326
Benzo (b) fluoranthene	ND< 326
Benzo (g,h,i) perylene	ND< 326
Benzo (k) fluoranthene	ND< 326
Chrysene	ND< 326
Dibenz (a,h) anthracene	ND< 326
Fluoranthene	ND< 326
Fluorene	ND< 326
Indeno (1,2,3-cd) pyrene	ND< 326
Naphthalene	ND< 326
Phenanthrene	ND< 326
Pyrene	ND< 326

ELAP Number 10958

Method: EPA 8270C

Data File: S35798.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: INVOICE TO:

COMPANY: LuBella Associates, P.C. LAB PROJECT #: 07-2590 CLIENT PROJECT #:  
 ADDRESS: 300 State St, Suite 201 TURNAROUND TIME: (WORKING DAYS)  
 CITY: Rochester STATE: NY ZIP: 14614 PHONE: 585-647-3311 FAX:  
 ATTN: D. Portea, M. Pelychaty ATTN: 1 2 3 STD ee OTHER EAH 57125 X  
 COMMENTS: Bottom sample due 7/26  
1 day TAT, rest of project  
STD TAT  
EAH 7125

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	NUMBERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	7-25-07 1500	X		North Sidewalk	Soil	1	X		8801
2	" 1502	X		South Sidewalk	"	1	X		8802
3	" 1505	X		East Sidewalk	"	1	X		8803
4	" 1507	X		BOTTOM	:	1	X	24 HZ TAT ONLY	8804
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/E LAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u> <input type="checkbox"/>	<u>Y</u> <input checked="" type="checkbox"/> <u>N</u> <input type="checkbox"/>
Preservation: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u> <input type="checkbox"/>	<u>Y</u> <input checked="" type="checkbox"/> <u>N</u> <input type="checkbox"/>
Holding Time: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u> <input type="checkbox"/>	<u>Y</u> <input checked="" type="checkbox"/> <u>N</u> <input type="checkbox"/>
Temperature: <u>29°C</u> <u>Y</u> <input type="checkbox"/> <u>N</u> <input checked="" type="checkbox"/>	<u>Y</u> <input type="checkbox"/> <u>N</u> <input checked="" type="checkbox"/>

Sampled By: Michael F. Peluch Date/Time: 7-25-07 7:25-07 1545  
 Refiniquished By: Michael F. Peluch Date/Time: 7-25-07 1545  
 Received By: Elizabeth A. Honon Date/Time: 7/25/07 1620  
 Received @ Lab By: Elizabeth A. Honon Date/Time: 7/25/07 1620

Total Cost:

P.I.F.



**LaBELLA**  
LaBella Associates, P.C.  
300 State Street  
Rochester, New York 14614

## **Attachment 2**



Mill Seat Landfill  
 300 Area Rd.  
 Bergen, NY, 14416  
 Ph: (585) 494-2000

Original  
 Ticket# 464897

Customer Name RUSHENRIETTACSD RUSH HENRIET Carrier SIL SILVAROLE TRUCKING, INC.  
 Ticket Date 08/22/2007 Vehicle# 64 Volume  
 Payment Type Credit Account Container  
 Manual Ticket# Driver JOHN WILSON  
 Hauling Ticket# Check#  
 Route Billing # 0000799  
 State Waste Code Gen EPA ID  
 Manifest 20432 Grid PS 017  
 Destination  
 PO  
 Profile 101842NY (CDM SOIL (C))  
 Generator 190-ROYNMIDDLESCHOOL ROYN MIDDLE SCHOOL

Time	Scale	Operator	Inbound	Gross	100540 lb*
In 08/22/2007 11:49:33	SCALE1	robin		Tare	37380 lb*
Out 08/22/2007 11:50:10	SCALE2	robin		Net	63160 lb
		Manual Weight		Tons	31.58

Comments: profile not used in , landfill needs at hour notice. see manual 1 ch-1 22930

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	31.58	Tons				MON
2 FUEL-TAX-Taxable F	100		%				MON
3 P3ENV-TAX-Taxable	100		%				MON

Total Tax  
 Total Ticket

Driver's Signature \_\_\_\_\_

**SILVAROLE TRUCKING INC.**

85 Silvarole Drive  
 ROCHESTER, NEW YORK 14623  
 (585) 272-0741

CUSTOMER'S ORDER NO		PHONE		DATE <b>8-22-07</b>	
NAME <b>Rush-Henrietta central</b>					
ADDRESS <b>Both middle school dist E. Hen. Rd Henrietta NY</b>					
SOLD BY <b>J.W.</b>	CASH	C.O.D.	CHARGE	ON ACCT.	PAID OUT <b>S-64</b>
QTY.	DESCRIPTION			PRICE	AMOUNT
<b>1</b>	<b>Soil delivered to millseat landfill</b>				
	<b>Profile # 101842 NY</b>				
Jane Gracie Scalehouse Wm Millseat Landfill Bergen NY 14416 585-494-3000 ext 230					TAX
RECEIVED BY	<b>Wednesday August 22, 2007</b>				TOTAL

All claims and returned goods must be accompanied by this bill.

20432

 To Reorder:  
800-225-6380 or nebs.com

**Thank You**



**Flashpoint by Pensky-Martin Analysis Report**

Client: LaBella Associates, P.C.

Client Job Site: Roth Middle School

Lab Project Number: 07-2664

Client Job Number: N/A

Date Sampled: 08/01/2007

Date Received: 08/01/2007

Sample Type: Soil

Date Analyzed: 08/07/2007

Lab Sample Number	Field Number	Field Location	Result (°C)
9055	N/A	Waste Soil Pile	>70

ELAP Number 10958

Method: SW846 1010

Comments: °C = degrees Centigrade

Signature: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

### Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Roth Middle School

Lab Project Number: 07-2664

Lab Sample Number: 9055

Client Job Number: N/A

Field Location: Waste Soil Pile

Date Sampled: 08/01/2007

Field ID Number: N/A

Date Received: 08/01/2007

Sample Type: Soil

Date Analyzed: 08/03/2007

Aromatics	Results in ug / Kg
Benzene	ND< 102
n-Butylbenzene	ND< 510
sec-Butylbenzene	1,150
tert-Butylbenzene	ND< 255
Ethylbenzene	ND< 102
n-Propylbenzene	440
Isopropylbenzene	ND< 510
p-Isopropyltoluene	1,670
Naphthalene	6,480
Toluene	ND< 102
1,2,4-Trimethylbenzene	2,110
1,3,5-Trimethylbenzene	1,330
m,p-Xylene	ND< 102
o-Xylene	ND< 102
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	ND< 102

ELAP Number 10958

Method: EPA 8260B

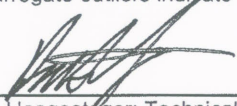
Data File: V49328.D

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

PROJECT NAME/SITE NAME:  
**ROTH MIDDLE SCHOOL**

# CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <b>Lu Bella Associates, P.C.</b>	LAB PROJECT #: <b>07-2664</b>	CLIENT PROJECT #:
ADDRESS: <b>300 State St</b>	TURNAROUND TIME: (WORKING DAYS)	
CITY: <b>Rochester</b>	STATE: <b>NY</b>	ZIP: <b>14614</b>
PHONE: <b>716 244 1464</b>	ATTN: <b>P. Porter</b>	QUOTE #: <b>1 2 3</b>
ATTN: <b>P. Porter</b>	STANDARD: <input checked="" type="checkbox"/> <b>5</b>	OTHER: <input type="checkbox"/>

## REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER NUMBERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 8/1/07		X		Waste Soil Pic	Soil	1 X Boros DMS Flashpoint		9055
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 <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Temperature: <b>30°C</b>	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>

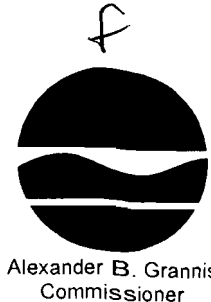
Sampled By: **Michael Reychuk 8-1-07** Date/Time: **8-1-07 11:40** Total Cost:

Relinquished By: **[Signature]** Date/Time: **8/1/07 11:40am**

Received By: **Elizabeth A. Honch 8/1/07 11:52** Date/Time: **8/1/07 11:52** P.I.F.

Received @ Lab By: **[Signature]** Date/Time: **[Signature]**

**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.state.ny.us



November 16, 2007

Mr. David Kaye  
District Architect  
Rush Henrietta School District  
1133 Lehigh Station Road  
Henrietta, NY 14467

Dear Mr. Kaye:

**Re: NYSDEC Spill #0750597**  
**Roth Middle School**  
**4000 East Henrietta Road**  
**Henrietta (T), Monroe County**

On September 6, 2007, this office received the Request for No Further Action Letter, prepared by LaBella Associates, for the above referenced spill location. Based on the site work conducted and the information contained in the aforementioned report, the Department does not require any further remedial action at this time. The spill has been removed from the Department's active files. However, this ruling does not preclude reactivation of this case should new information become available and/or an impact to a receptor be discovered in the future.

If you have any questions or comments, feel free to contact me at either the above address or by telephone at 585-226-5438.

Sincerely,

A handwritten signature in black ink that reads 'Michael F. Zamiarski P.E.'.

Michael F. Zamiarski, P.E.  
Environmental Engineer II  
Bureau of Technical Support  
Division of Environmental Remediation

cc: Michael Pelychaty, LaBella Associates





**MONROE COUNTY WATER AUTHORITY**  
P.O. Box 10999 • 475 Norris Drive • Rochester, New York 14610-0999  
Phone: (585) 442-2000 Fax (585) 442-0220

February 12, 2016  
*Sent via e-mail [pvonschondorf@leaderlink.com](mailto:pvonschondorf@leaderlink.com)  
and U.S. Mail*

Mr. Peter von Schondorf  
**LEADER PROFESSIONAL SERVICES**  
271 Marsh Road, Suite 2  
Pittsford, NY 14534

Re: Freedom of Information Law ("FOIL") request – submitted February 11, 2016  
Pertaining to water sample results

Dear Mr. von Schondorf:

Pursuant to Section 89(3) of the New York Public Officers Law, this letter is to acknowledge receipt of your FOIL request received by the Monroe County Water Authority ("MCWA") via fax on February 11, 2016 and to confirm our processing of your request on that date.

Upon receipt, I shared your application with MCWA's Executive Engineer, Richard Metzger, and he in turn spoke with you by telephone that same afternoon, guiding you to and through our website [www.mcwa.com](http://www.mcwa.com) for records readily available there in response to your request. It is our understanding that if after your inspection of the records posted there, they do not fully satisfy your FOIL request, you will contact Mr. Metzger directly by telephone in further addressing this request. Otherwise, we will consider your request satisfied.

Yours truly,

Kathleen A. Eisenmann  
Secretary to the Authority

c: R. Metzger, P.E. – MCWA

16-0436



**Application for Access to Records  
Freedom of Information Law (FOIL)  
Monroe County, New York**

I hereby apply to  inspect  obtain a copy of the following records:\*

Please be specific:

Roth Middle School 4000 E. Henrietta Road, Henrietta

Monroe County Water Authority - Drinking water sample results for locations within the Roth Middle School or locations (pipes) which supply the school.

Monroe County Department of Health - Drinking water sample results for locations within the Roth Middle School.

Monroe County Department of Health - Results for samples collected from within the Roth Middle School or from the adjacent grounds (air, soil, water, or fungi).

Monroe County Department of Health - Records from inspections or a request for assistance at the Roth Middle School concerning a possible or real environmental concern, human health risk, or a call for assistance from the Fire Department regarding an odor, fire or haz-mat response.

A list or plot showing all suspected or identified waste sites within 1/2 mile of the Roth Middle School.

Name: **Peter von Schondorf**

Signature: *Peter von Schondorf*

Representing: (if applicable)

**Leader Professional Services, Inc.**

Date:

**02/10/2016**

Mailing Address:

**271 Marsh Road, Suite 2**

Telephone: (include area code)

**(585) 248-2413**

City, state, zip code:

**Pittsford, NY 14534**

\*There is no charge for the inspection of documents; however, if duplication is requested by you, a charge of \$.25 per page is payable in Monroe County.

**Notice: You have a right to appeal denial of this application.**

**Send Request to:**

**Monroe County Access Officer**

**204 County Office Building • 39 West Main Street • Rochester, New York 14614**

**Phone: (585) 753-1080 • fax: (585) 753-1068 • www.monroecounty.gov**



# Re: 4000 E. Henrietta Road, Henrietta, NY 14467



## Legend

(SEE SITE DESCRIPTION PAGE)

2,000 1,000 0 2,000 Feet



Note: Monroe County does not certify or warrant that this map is accurate or complete. Sites may be added or deleted or boundaries revised as more information becomes available. Site locations may not be exact.

**No Waste Sites Located Within a 0.5 Mile Radius of Property**

XC ASD  
RSE  
JOHN RILLI  
EPY  
Input ✓  
Lit P.1 ✓  
2/3/97  
FYI BUTCH

# RUSH-HENRIETTA CENTRAL SCHOOL DISTRICT

February 3, 1997

4000 E. HENRIETTA RD

Dear Parents,

Thursday, January 30, 1997, a report was broadcast on Channel 10 News regarding indoor air quality in schools. A news reporter walked through our Roth school and tested the air for carbon dioxide (CO2). This reporter, not an expert in air quality, reported that our school showed a concentration of CO2 slightly above 1000 parts per million (ppm). This upper level of concentration is a recommendation established by a professional engineering organization known as ASHRAE (American Society of Heating, Refrigeration and Air Conditioning Engineers) and is an eight (8) hr time-weighted average--- not a "grab sample" as taken by the Channel 10 reporter. However, these CO2 levels (1000 ppm) do not cause health problems. In fact, in the course of normal breathing, people exhale CO2 at levels between 3000 to 5000 ppm.

INCORRECT  
ASHRAE  
SAYS  
"CONTINUOUS"

According to the Monroe County Health Department, CO2 measurements are one of a variety of ways of studying indoor air quality problems. Readings in this range are not unusual for short periods of time in the winter months in buildings with large numbers of children and are not generally associated with health problems.

Our schools have never been cited by an official agency as having air quality problems. We follow U.S. Environmental Protection Agency (EPA), NYS Health Department and Monroe County Health Department guidelines to maintain air quality in our schools and other buildings, and we have procedures and equipment in place to identify, evaluate, and control indoor air pollutants. Our School Facilities Office conducts indoor air quality investigations and quickly addresses and corrects any problems that arise.

Stanley W. Polmateer, Director of School Facilities, coordinates the indoor air quality program in our District. Mr. Polmateer has advised me that he has scheduled a certified hygienist to re-take CO2 air tests to reassure everyone of the excellent quality air within our building. If you have any questions or concerns, please do not hesitate to call him at 359-5385.

The Rush-Henrietta Central School District understands that it is important to provide healthy and safe schools and that good indoor air quality is essential for a healthy indoor environment. The measures we take ensure that the air in our schools is safe and healthy for students, staff, and visitors.

Sincerely,

Beverly A. Burrell-Moore  
Principal





# NYSDEC SPILL REPORT FORM

7-30-07



DEC REGION: 8 SPILL NUMBER: 0750697  
 SPILL NAME: RUSH HENRIETTA SCHOOL DEC LEAD: Unassigned  
 CALLER NAME: DAVID KAYE NOTIFIER'S NAME: \_\_\_\_\_  
 CLR'S AGENCY: RUSH HENRIETTA SCHOOL NOTIFIER'S AGENCY: \_\_\_\_\_  
 CALLER'S PHONE: (585) 314-43834 NOTIFIER'S PHONE: \_\_\_\_\_  
 SPILL DATE: 07/23/2007 SPILL TIME: 12:00 pm  
 CALL RECEIVED DATE: 07/23/2007 RECEIVED TIME: 2:44 pm

## SPILL LOCATION

PLACE: RUSH HENRIETTA SCHOOL COUNTY: Monroe  
 STREET: 4000 EAST HENRIETTA ROAD TOWN/CITY: Henrietta  
ROTH MIDDLE SCHOOL COMMUNITY: HENRIETTA  
 CONTACT: DAVID KAYE CONTACT PHONE: (585) 314-43834

SPILL CAUSE: Other SPILL REPORTED BY: Responsible Party  
 SPILL SOURCE: Institutional, Educational, Gov., Other WATERBODY: \_\_\_\_\_

### CALLER REMARKS:

CALLER STATES THAT WHILE WORKING TO INSTALL A LOADING DOCK, #2 FUEL OIL CONTAMINATED SOILS WERE ENCOUNTERED, CONTAMINATED SOILS BEING STOCKPILED ON PLASTIC. AWAITING FOR FURTHER INSTRUCTIONS FROM CONSULTANT TO CONTINUE CLEANUP. FAXED TO MCHD ON 07/23/07 AT 1449 HRS.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#2 Fuel Oil	Petroleum	0.00 G	0.00 G	Soil,

## POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT

Tank Number	Tank Size	Test Method	Leak Rate	Gross Failure

### DEC REMARKS:

PIN

T & A

COST CENTER

CLASS: \_\_\_\_\_ CLOSE DATE: \_\_\_\_\_ MEETS STANDARDS: False

Date Dec. 17, 1986

Complainant Name C. Bluey

Time 1:45 P.M.

Address WYBDEC - AUSA

Rec'd by G. Beyer

Phone # \_\_\_\_\_

Response \_\_\_\_\_

F.V.I./Update x

Responsible Party Roth High School : 4000 East Henrietta Rd.

Address RUSH - HENRIETTA TWP. Ln. Rd. : HENRIETTA

Phone # \_\_\_\_\_

Location SAME

Material/Quantity: TANK LEAK - Fuel oil

Discharge to San Sewer \_\_\_\_\_  
Storm Sewer \_\_\_\_\_ Surface Water \_\_\_\_\_ Air \_\_\_\_\_  
Soil X Other \_\_\_\_\_

Complaint/Action: Two - 10,000 Gall. TANKS THAT ARE WAIKOLDED TOGETHER  
PROOVS WAS DISCOVERED AROUND THE FILL PORT. TANKS JUST SERVICED w/ 9500 GALLONS.  
Bluey will investigate.

COUNTY OF MONROE  
DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH  
HAZMAT INCIDENT RESPONSE

File:	Input ( <input checked="" type="checkbox"/> )	Exit ( <input checked="" type="checkbox"/> )
End Date:	11-4-99	BY: <u>ms</u> <u>CPY</u>

RESPONSE REQUIRED (  ) DOH NOTIFICATION (  )

REPORTED BY: Stan Palmateer - Director Blot. + Control PHONE: 747-3541

RECEIVED BY: Mark Leszczynski DATE: 11-3-99 TIME: 1113

DEC REFERRAL: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

FACILITY: Roth Middle School TOWN/CITY: HARRIETTA

ADDRESS/LOCATION: 4000 East Henrietta Rd.

RESPONSIBLE PARTY: \_\_\_\_\_

CONTACT: Michael DuPac - Director Science + Health PHONE: 359-5273

INCIDENT & CAUSE: Plastic Container of Ferric Chloride Leaked inside Storage Cabinet and onto Classroom Floor.

MATERIALS RELEASED: Ferric Chloride

EST. QUANTITY: 2.1 gal.

DISCHARGE TO: AMB AIR (  ) GND (  ) SURFACE WTR. (  ) COMB. SEWERS (  ) SAN (  ) STORM (  )  
Floor (  )

DOH FOLLOWUP: REMEDIATION ACTIVITIES/MONITORING/HEALTH IMPACT/EXPOSURE

11-3-99

1225 hrs. on Site.

Met with Michael DuPac - Director of Science + Health for additional information. At approximately 0815 hrs this date container of Ferric Chloride was found leaking inside a storage cabinet within a Technology classroom located near the Custodian's office - NW side of Blot. Unexamined quantity of brown liquid was visible on tile floor outside cabinet. 20+ students present in room were relocated, overhead garage door was opened for ventilation and the spilled material was covered with vermiculite and swept up. The leaking container was placed into a 5 gal. plastic pail, covered and relocated to exterior of the Blot. (4) other containers were also in contact with over 1-

AGENCY CONTACTS/PHONE: \_\_\_\_\_

DOH RESPONDER: M. Leszczynski DATE: 11-3-99 ON SCENE: \_\_\_\_\_ AM (  ) PM (  )

THE SAILED MATERIAL OR HAD BEEN IMPACTED AS EVIDENCED BY SEVERE  
CORROSION ON BOTTOM/EXTENSION OF ALL CONTAINERS.

MATERIALS INCLUDED: SOLAR-KASE (1 GAL.)  
WATER DANISH OIL (1 GAL.)  
POLYESTER RESIN (1 GAL.)  
RUBBER CONCRETE (1 GAL.)

THESE CONTAINERS WERE ALSO PLACED INTO SEPARATE 5 GAL.  
PLASTIC PAILS + REMOVED FROM CLASSROOM.

FLOOR SURFACE AND INTERIOR OF STORAGE CABINET <sup>WAS</sup> WASHED WITH  
SOAP + WATER SEVERAL TIMES. VENTILATION CONTINUED.

(1) STUDENT STEPPED IN MATERIAL IMPACTING SNEAKERS AND BOTTOM  
OF PANTS. CLOTHING WAS REMOVED + WILL BE HELD FOR  
DISPOSAL. STUDENT WAS EVALUATED BY SCHOOL NURSE.

(3) TECHNOLOGY TEACHERS ALSO EXAMINED BY SCHOOL NURSE.

DISCUSSED DISPOSAL OF MATERIALS WITH TOM SINCLAIR - HHWF.  
SCHOOL CONSIDERS A "CONDITIONALLY EXEMPT SMALL QUANTITY GENERAL  
MATERIALS CAN BE ACCEPTED FOR DISPOSAL.

INFORMED POLMATER OF DETAILS + PROVIDED APPROPRIATE FORMS  
FOR COMPLETION + ACCOMPANIMENT OF MATERIALS TO HHWF.

MATERIALS TRANSPORTED TO HHWF BY LHCSB EMPLOYEE.

\* LETTER DETAILING INCIDENT GENERATED BY SCHOOL PRINCIPAL  
AND SENT HOME <sup>W/STUDENTS</sup> TO ALL PARENTS.



51

# Flinn Scientific, Inc.

## MATERIAL SAFETY DATA SHEET

FLINN SCIENTIFIC, INC. • P.O. BOX 219 • BATAVIA, ILLINOIS U.S.A. • PHONE: (312) 679-6900

CHEMICAL NAME & SYNONYMS FERRIC CHLORIDE SOLUTION		FLINN CATALOG NUMBER F0045	
FORMULA Mixture	FORMULA WEIGHT (FW) Mixture	CAS NO. None Assigned	
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) 0.1 Molar Solution			
APPEARANCE AND ODOR Brown liquid			
COMPATIBLE CHEMICAL FAMILY Inorganic #2 <small>See Flinn Chemical Catalog/Reference Manual</small>	DOT CLASS Not Regulated	REACTIVITY Stable	
CONDITIONS TO AVOID (IF ANY): Avoid contact with body tissues. Strong oxidizing agents and alkali metals			
HEALTH HAZARDS (IF ANY): Irritating to skin, eyes and mucous membranes. Not all health aspects of this product have been fully investigated.			TOLERANCE LIMIT VALUE (TLV) (IF ESTABLISHED) None Established
FIRE HAZARDS (IF ANY): Non-flammable			
SPILLS AND LEAKS: Absorb with sand or vermiculite. Place in a suitable container and use suggested disposal method at right.			DISPOSAL NO. 26b <small>See Flinn Chemical Catalog/Reference Manual 1987</small>
SPECIAL PRECAUTIONS (IF ANY): Chemical gloves and goggles.			
FIRST AID (IF SUBSTANCE DANGEROUS): External: Wash affected areas with copious quantities of water. Internal: Wash mouth; see a physician. Eyes: Wash continuously for 15 minutes; see a physician.			
Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals.			

N/A = NOT APPLICABLE

November 3, 1999

Dear Roth Parents/Guardians,

I am sending this letter home today to advise you of a situation that occurred at Roth Middle School this morning. It is our practice to make parents aware of any unusual incident and to dispel any rumors that could occur.

About 8:15 a.m., we discovered a small spill of ferric chloride, a liquid used to etch metal surfaces, in the technology Room 420. This liquid was properly stored in a vented chemical storage cabinet. A small amount of liquid was observed leaking from the cabinet as Mr. Robson's homeroom was beginning.

Students were immediately taken to another room and the Director of School Facilities and the Director of Science and Health Education were notified immediately and reported to the classroom.

The Material Safety Data Sheet for ferric chloride states that this chemical may be irritating to the skin, eyes, and mucous membranes, and more harmful if directly exposed to the skin. No students had any skin contact with this chemical.

This liquid was removed following all protocols recommended by the manufacturer. Mr. Mark Leszczynski, from the Monroe County Health Department, was called for technical consultation. In addition, Mr. Leszczynski personally inspected Room 420 and confirmed cleanup was done appropriately and that the room is safe for classroom instruction.

If you have any further questions or concerns, you may call me directly at 359-5108.

Thank you for your continued support.

Respectfully,

Beverly Burrell-Moore  
Principal



*Department of Public Health*  
Monroe County, New York

**Cheryl Dinolfo**  
*County Executive*

**Jeremy T. Cushman, MD, MS, EMT-P, FACEP**  
*Interim Health Commissioner*

2/18/2016

**RESULTS OF MCHD WATER SAMPLING**

RUSH-HENRIETTA CENTRAL SCHOOL DISTRICT

SOURCE OF WATER: MCWA  
INSPECTOR: CHRIS CECERE  
DATE COLLECTED: 2/1/2008

LOCATION: ROTH MIDDLE SCHOOL OFFICE SINK

SAMPLING POINT: ROTH MIDDLE SCHOOL OFFICE SINK  
CHLORINE RESIDUAL: 0.90

TOTAL COLIFORM (COLILERT): ABSENT

**THESE RESULTS INDICATE THAT THE SAMPLE WAS BACTERIOLOGICALLY POTABLE WHEN COLLECTED.**

**FOR FURTHER INFORMATION PLEASE CALL CHRIS CECERE AT 753-5457.**

**KENNETH M. NAUGLE , P.E.**  
**SENIOR PUBLIC HEALTH ENGINEER**



*Department of Public Health*  
Monroe County, New York

**Maggie Brooks**  
*County Executive*

**Jeremy T. Cushman, MD, MS, EMT-P, FACEP**  
*Interim Health Commissioner*

**Bureau of Public Health Engineering**

Folder Number: 93375

Print Date: 2/18/2016

Sample Date: 2/1/2008                      Time: 1100                      Order Number: 299297  
Sampled by: Cecere, C  
Sample Site: Roth Middle School Injection  
Residual Chlorine, Field Test (1)      0.94 mg/L                      DPD+Colorimeter Kit  
Total Coliform, Colilert                      ABSENT P/A                      Colilert

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Sample Date: 2/1/2008                      Time: 1110                      Order Number: 299298  
Sampled by: Cecere, C  
Sample Site: Roth Middle School Endpoint  
Residual Chlorine, Field Test (1)      0.90 mg/L                      DPD+Colorimeter Kit  
Total Coliform, Colilert                      ABSENT P/A                      Colilert  
Turbidity    0.15 NTU                      SM18-21, 2130 B (01)

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Sample Date: 2/1/2008                      Time: 1125                      Order Number: 299299  
Sampled by: Cecere, C  
Sample Site: Roth Middle School Office Sink  
Residual Chlorine, Field Test (1)      0.90 mg/L                      DPD+Colorimeter Kit  
Total Coliform, Colilert                      ABSENT P/A                      Colilert

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*Department of Public Health*  
Monroe County, New York

**Cheryl Dinolfo**  
*County Executive*

**Jeremy T. Cushman, MD, MS, EMT-P, FACEP**  
*Interim Health Commissioner*

2/18/2016

**RESULTS OF MCHD WATER SAMPLING**

RUSH-HENRIETTA CENTRAL SCHOOL DISTRICT  
1133 LEHIGH STATION RD.  
HENRIETTA, NY 14467

SOURCE OF WATER: MCWA  
INSPECTOR: CHRIS CECERE  
DATE COLLECTED: 2/1/2008

LOCATION: ROTH MIDDLE SCHOOL

SAMPLING POINT: ROTH MIDDLE SCHOOL INJ.  
CHLORINE RESIDUAL: 0.94

TOTAL COLIFORM (COLILERT): ABSENT

**THESE RESULTS INDICATE THAT THE SAMPLE WAS BACTERIOLOGICALLY POTABLE WHEN COLLECTED.**

SAMPLING POINT: ROTH MIDDLE SCHOOL ENDPT.  
CHLORINE RESIDUAL: 0.90

TOTAL COLIFORM (COLILERT): ABSENT

TURBIDITY: 0.15

**THESE RESULTS INDICATE THAT THE SAMPLE WAS BACTERIOLOGICALLY POTABLE WHEN COLLECTED.**

FOR FURTHER INFORMATION PLEASE CALL CHRIS CECERE AT 753-5457.

KENNETH M. NAUGLE, P.E.  
SENIOR PUBLIC HEALTH ENGINEER



*Application for Access to Records*  
**Freedom of Information Law (FOIL)**  
Monroe County, New York

I hereby apply to      inspect      obtain a copy of the following records:\*

Please be specific:

Name:

Signature:

Representing: (if applicable)

Date:

Mailing Address:

Telephone: (include area code)

City, state, zip code:

*\*There is no charge for the inspection of documents; however, if duplication is requested by you, a charge of \$.25 per page is payable to Monroe County.*

**Notice: You have a right to appeal denial of this application.**

**Send Request to:**

Monroe County Access Officer

204 County Office Building • 39 West Main Street • Rochester, New York 14614

Phone: (585) 753-1080 • fax: (585) 753-1068 • [www.monroecounty.gov](http://www.monroecounty.gov)



# Monroe County Water Authority

## 2013 Water Quality Monitoring Program Summary

Parameter				Shoremont WTP			Webster WTP			Corfu WTP			Hemlock WTP			ECWA		
				Lake Ontario			Lake Ontario			Well			Hemlock Lake			Lake Erie		
	EPA/NYS MCL	EPA/NYS MCLG	UNITS	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013
<b>Inorganics, Metals, Physical Parameters</b>																		
Aluminum	NS	NS	ug/L	42	ND-90	4	47		1	ND		4	48	ND-170	4	151	35-360	4
Antimony	6	6	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Arsenic	10	0	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Barium	2	2	mg/L	0.020	0.018-0.022	4	0.023		1	0.138	0.110-0.200	4	0.016	0.014-0.017	4	0.02	0.020-0.021	4
Beryllium	4	4	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Cadmium	5	5	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Calcium	NS	NS	mg/L	34	34-36	4	34		1	54	50-81	4	25	24-26	4	34	32-35	4
Chromium	100	100	ug/L	ND		4	ND		1	ND	ND-1.3	4	ND		4	ND		4
Copper (Distribution System)	NS	NS	ug/L	ND	ND-2.7	4	ND		1	29	23-34	4	ND		4	ND	ND-2.5	4
Copper (Customer Tap Samples)	AL* = 1.3	1.3	ug/L	73	12-320	52 (2012)	73	12-320	52 (2012)	84	3-330	20 (2012)	73	12-320	52 (2012)	84	3-330	20 (2012)
Cyanide	200	200	ug/l	ND		4	ND		1	ND		4	ND		4	ND		4
Fluoride	2.2	NA	mg/L	0.8	0.4-1.1	2183	NR		NR	NR		NR	0.7	0.5-0.9	1058	0.6	0.1-1.0	49
Iron	300	NA	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Lead (Distribution System)	NS	NS	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Lead (Customer Tap Samples)	AL* = 15	0	ug/L	1.7	ND-15	52 (2012)	1.7	ND-15	52 (2012)	ND	ND-1.6	20 (2012)	1.7	ND-15	52 (2012)	ND	ND-1.6	20
Magnesium	NS	NS	mg/L	9.4	9.1-9.7	4	9		1	24.0	21-32	4	6.7	6.5-7.0	4	9.1		1
Manganese	300	NA	ug/L	ND		4	ND		1	10	8.6-10	4	ND		1	3	2-4.6	4
Mercury	2	2	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Nickel	100	NA	ug/L	ND		4	ND		1	ND		4	ND	ND-5.6	4	ND		4
Nitrate	10	10	mg/L	0.29	0.20-0.34	4	0.13		1	ND		4	ND	ND-0.18	4	0.16	ND-0.28	4
Nitrite	1	1	mg/L	ND		4	ND		1	ND		4	ND		4	ND		4
Potassium	NS	NS	mg/L	1.8		1	2		1	1.6		1	1.5		1	1.7		1
Selenium	50	50	ug/L	ND		4	ND		1	ND		4	ND		2	ND		4
Silica	NS	NS	mg/L	0.47	0.25-0.66	4	0.37		1	8.7	8.5-9.0	4	0.91	0.62-1.3	4	0.4	ND-0.86	4
Silver	100	NA	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Sodium	NS	NS	mg/L	11		3	21		1	69	47-80	4	19		3	14	12-16	3
Sulfate	250	NA	mg/L	27	26-28	4	27		1	50		1	14		4	22		1
Thallium	2	0.5	ug/L	ND		4	ND		1	ND		4	ND		4	ND		4
Zinc	5	NA	mg/L	ND		4	ND		1	ND		4	ND		4	ND		4
Alkalinity	NS	NA	mg/L	83	81-85	4	79		1	233	210-240	4	66	65-67	4	88	85-91	4
Chlorides	250	NA	mg/L	24	23-25	4	34		1	55	42-70	4	34	33-34	4	22	20-26	4
Color	15	NA	Color Units	ND		4	ND		1	ND		4	ND		4	ND	ND-3	4
Conductivity	NS	NS	umhos/cm	290	260-460	3685	290	260-460	3685	350	300-780	353	290	260-480	3685	350	300-780	353
pH	NS	NS	pH units	7.4	7.2-7.8	365	7.8	7.5-8.1	66	7.4	7.4-7.5	199	7.8	7.0-8.3	361	7.8	7.2 - 8.4	4380



Parameter				Shoremont WTP Lake Ontario			Webster WTP Lake Ontario			Corfu WTP Well			Hemlock WTP Hemlock Lake			ECWA Lake Erie		
	EPA/NYS MCL	EPA/NYS MCLG	UNITS	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013
Total Dissolved Solids	NS	NS	mg/L	165	150-180	4	190		1	410	370-430	4	140	130-150	4	160	140-170	4
Total Hardness	NS	NS	mg/L	123	120-130	4	120		1	254	210-330	4	91	88-92	4	120		1
Total Organic Carbon	NS	NS	mg/L	1.8	1.7-1.9	4	0.5		1	0.9	0.8-1.0	4	2.4	2.3-2.5	4	2.0	1.9-2	4
Surfactants	NS	NS	mg/L	ND	ND-0.05	4	ND		1	ND		4	ND		4	ND		4
Turbidity - Entry Point	TT **	NA	NTUs	0.05	0.03-0.07	2190	0.07	0.04-0.10	135	NR			0.07	0.04-0.15	2190	0.06	0.03 - 0.023	4380
Turbidity - Distribution System	TT ***	NA	NTUs	0.09	0.05-2.1	4590	0.09	0.05-2.4	4590	0.1	0.04-2.4	361	0.09	0.05-2.1	4590	0.1	0.04-2.4	361
Chlorine Residual - Entry Point	NA	NA	mg/L	1.1	0.8-1.5	Cont	0.6	0.3 - 0.8	Cont	0.7	0.5-1.0	202	0.9	0.6-1.3	1081	1.5	0.5 - 2	4380
Chlorine Residual - Retail Dist.Sy	TT ****	NA	mg/L	0.6	0-2.1	4590	0.6	0-2.1	4590	0.4	0-1.2	361	0.6	0-2.1	4590	0.4	0-1.2	361
Coliform - Retail Dist.System	TT *****	0	%Positive	0.09%		4589	0.09%		4589	ND		361	0.09%		4589	ND		361
Cryptosporidium	NS	NS	#Positive	ND		1			NR	NR			ND		4	ND		22
Giardia	NS	NS	#Positive	ND		4			NR	NR			ND		4	ND		22
Asbestos (Distribution System)	7	7	MF/L	ND		1 (2007)	ND		1(2007)	ND		1 (2007)	ND		1 (2007)	ND		1 (2007)
<b>Radionuclides</b>																		
Gross Alpha	15	0	pCi/L	ND		1 (2012)			NR	ND		1 (2012)	ND		1 (2012)	ND		1 (2004)
Gross Beta	50	0	pCi/L	ND		1 (2012)			NR	ND		1 (2012)	ND		1 (2012)	ND		1 (2004)
Combined Radium 226/228	5	0	pCi/L	ND		1 (2012)			NR	ND		1 (2012)	ND		1 (2012)	ND		1 (2004)
Uranium	30	0	pCi/L	ND		1 (2012)			NR	ND		1 (2012)	ND		1 (2012)	ND		1 (2004)
<b>Volatile Organics</b>																		
Benzene	5	0	ug/L	<b>Not Detected</b>		4	<b>Not Detected</b>		1	<b>Not Detected</b>		4	<b>Not Detected</b>		4	<b>Not Detected</b>		1
Bromobenzene	5	NA	ug/L		4	1		4	1									
Bromochloromethane	5	NA	ug/L		4	1		4	1									
Bromomethane	5	NA	ug/L		4	1		4	1									
n-Butylbenzene	5	NA	ug/L		4	1		4	1									
sec-Butylbenzene	5	NA	ug/L		4	1		4	1									
tert-Butylbenzene	5	NA	ug/L		4	1		4	1									
Carbon Tetrachloride	5	0	ug/L		4	1		4	1									
Chlorobenzene	5	NA	ug/L		4	1		4	1									
Chloroethane	5	NA	ug/L		4	1		4	1									
Chloromethane	5	NA	ug/L		4	1		4	1									
2-Chlorotoluene	5	NA	ug/L		4	1		4	1									
4-Chlorotoluene	5	NA	ug/L		4	1		4	1									
Dibromomethane	5	NA	ug/L		4	1		4	1									
1,2-Dichlorobenzene	5	NA	ug/L	4	1	4	1											
1,3-Dichlorobenzene	5	NA	ug/L	4	1	4	1											
1,4-Dichlorobenzene	5	NA	ug/L	4	1	4	1											
Dichlorodifluoromethane	5	NA	ug/L	4	1	4	1											

Parameter				Shoremont WTP Lake Ontario			Webster WTP Lake Ontario			Corfu WTP Well			Hemlock WTP Hemlock Lake			ECWA Lake Erie		
	EPA/NYS MCL	EPA/NYS MCLG	UNITS	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013
				<b>Not Detected</b>			<b>Not Detected</b>			<b>Not Detected</b>			<b>Not Detected</b>			<b>Not Detected</b>		
1,1-Dichloroethane	5	NA	ug/L			4			1			4			4			1
1,2-Dichloroethane	5	0	ug/L			4			1			4			4			1
1,1-Dichloroethene	5	NA	ug/L			4			1			4			4			1
cis-1,2-Dichloroethene	5	NA	ug/L			4			1			4			4			1
trans-1,2-Dichloroethene	5	NA	ug/L			4			1			4			4			1
1,2-Dichloropropane	5	0	ug/L			4			1			4			4			1
1,3-Dichloropropane	5	NA	ug/L			4			1			4			4			1
2,2-Dichloropropane	5	NA	ug/L			4			1			4			4			1
1,1-Dichloropropene	5	NA	ug/L			4			1			4			4			1
1,3-Dichloropropene(Cis)	5	NA	ug/L			4			1			4			4			1
1,3-Dichloropropene(Trans)	5	NA	ug/L			4			1			4			4			1
Ethylbenzene	5	NA	ug/L			4			1			4			4			1
Hexachlorobutadiene	5	NA	ug/L			4			1			4			4			1
Isopropylbenzene	5	NA	ug/L			4			1			4			4			1
p-Isopropyltoluene	5	NA	ug/L			4			1			4			4			1
Methyl Tert-butyl ether (MTBE)	10	NA	ug/L			4			1			4			4			1
Methylene Chloride (Dichloromet)	5	0	ug/L			4			1			4		3				1
n-Propylbenzene	5	NA	ug/L			4			1			4			4			1
Styrene	5	NA	ug/L			4			1			4			4			1
1,1,1,2-Tetrachloroethane	5	NA	ug/L			4			1			4			4			1
1,1,2,2-Tetrachloroethane	5	NA	ug/L			4			1			4			4			1
Tetrachloroethene	5	0	ug/L			4			1			4			4			1
Toluene	5	NA	ug/L			4			1			4			4			1
1,2,3-Trichlorobenzene	5	NA	ug/L			4			1			4			4			1
1,2,4-Trichlorobenzene	5	NA	ug/L			4			1			4			4			1
1,1,1-Trichloroethane	5	NA	ug/L			4			1			4			4			1
1,1,2-Trichloroethane	5	3	ug/L			4			1			4			4			1
Trichloroethene	5	0	ug/L			4			1			4			4			1
Trichlorofluoromethane	5	NA	ug/L			4			1			4			4			1
1,2,3-Trichloropropane	5	NA	ug/L			4			1			4			4			1
1,2,4-Trimethylbenzene	5	NA	ug/L			4			1			4			4			1
1,3,5-Trimethylbenzene	5	NA	ug/L			4			1			4			4			1
Vinyl Chloride	2	0	ug/L			4			1			4			4			1
Xylenes	5	NA	ug/L			4			1			4			4			4

Parameter	EPA/NYS MCL	EPA/NYS MCLG	UNITS	Shoremont WTP Lake Ontario			Webster WTP Lake Ontario			Corfu WTP Well			Hemlock WTP Hemlock Lake			ECWA Lake Erie		
				Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013
				<b>Not Detected</b>														
<b>Organics, Pesticides, Herbicides</b>																		
1, 2-Dibromo-3-Chloropropane	200	0	ng/L			1			1			1			1			1
1, 2-Dibromoethane (EDB)	50	0	ng/L			1			1			1			1			1
2, 4, 5-TP (Silvex)	10	NA	ug/L			1			1			1			1			1
2, 4-D	50	NA	ug/L			1			1			1			1			1
3-Hydroxycarbofuran	50	NS	ug/L			1			1			1			1			1
Alachlor	2	0	ug/L			4			1			4			4			4
Aldicarb	3	1	ug/L			1			1			1			1			1
Aldicarb Sulfone	2	1	ug/L			1			1			1			1			1
Aldicarb Sulfoxide	4	1	ug/L			1			1			1			1			1
Aldrin	5	NA	ug/L			4			1			4			4			4
Atrazine	3	3	ug/L			4			1			4			4			4
Benzo(a)pyrene	200	0	ng/L			4			1			4			4			4
Bis(2-Ethylhexyl)Phthalate	6	0	ug/L			4			1			4			4			4
Butachlor	50	NA	ug/L			4			1			4			4			4
Carbaryl	50	NA	ug/L			1			1			1			1			1
Carbofuran	40	40	ug/L			1			1			1			1			1
Dalapon	50	NA	ug/L			1			1			1			1			1
DCPA, Mono & Di-Acid Degradat	50	NS	ug/L			1			1			1			1			1
Di(2-Ethylhexyl) Adipate	50	NA	ug/L			4			1			4			4			4
Dicamba	50	NA	ug/L			1			1			1			1			1
Dieldrin	5	NA	ug/L			4			1			4			4			4
Dinoseb	7	7	ug/L			1			1			1			1			1
Dioxin	30	0	pg/L			1			1			1			1			1
Diquat	20	20	ug/L			1			1			1			1			1
Endothall	50	NA	ug/L			1			1			1			1			1
Endrin	2	2	ug/L			4			1			4			4			4
Glyphosate	50	NA	ug/L			1			1			1			1			1
Heptachlor	400	0	ng/L			4			1			4			4			4
Heptachlor Epoxide	200	0	ng/L			4			1			4			4			4
Hexachlorobenzene	1	0	ug/L			4			1			4			4			4
Hexachlorocyclopentadiene	5	NA	ug/L			4			1			4			4			4
Isophorone	50	NA	ug/L			4			1			4			4			4
Lindane (gamma-BHC)	200	200	ng/L			4			1			4			4			4
Methomyl	50	NA	ug/L			1			1			1			1			1
Methoxychlor	40	40	ug/L			4			1			4			4			4
Metolachlor	50	NA	ug/L			4			1			4			4			4
Metribuzin	50	NA	ug/L			4			1			4			4			4

Parameter	EPA/NYS MCL	EPA/NYS MCLG	UNITS	Shoremont WTP Lake Ontario			Webster WTP Lake Ontario			Corfu WTP Well			Hemlock WTP Hemlock Lake			ECWA Lake Erie		
				Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013	Average	Range	Samples in 2013
Oxamyl	50	NA	ug/L	<b>Not Detected</b>		1	<b>Not Detected</b>		1	<b>Not Detected</b>		1	<b>Not Detected</b>		1	<b>Not Detected</b>		1
p,p' DDD	5	NA	ug/L			4			1			4			4			
p,p' DDE	NS	NS	ug/L			4			1			4			4			
p,p' DDT	5	NA	ug/L			4			1			4			4			
PCB's Total	500	0	ng/L			4			1			4			2			
Pentachlorophenol	1	0	ug/L			4			1			4			4			
Perchlorate	NS	NS	ug/L			1			1			1			1			
Pichloram	50	NA	ug/L			1			1			1			1			
Propachlor	50	NA	ug/L			4			1			4			3			
Simazine	4	4	ug/L			4			1			4			4			
Total Chlordane	2	0	ug/L	4	1	4	4											
Toxaphene	3	0	ug/L	4	1	4	2											
<b>Disinfectant Byproducts</b>																		
Total THMs	80	NA	ug/L	38	16 - 93	48	38	16 - 93	48	43	15 - 64	8	38	16 - 93	48	43	15 - 64	8
Haloacetic Acids	60	NA	ug/L	11	ND - 31	48	11	ND - 31	48	7.8	ND - 21	8	11	ND - 31	48	7.8	ND - 21	8

### Key

**MCL** = Maximum Contaminant Level, the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as possible.

**MCLG** = Maximum Contaminant Level Goal, the level of a contaminant below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**TT** = Treatment Technique, a required process intended to reduce the level of a contaminant in drinking water.

**AL** = Action Level, the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. If >10% of results are greater than 15 ug/l for lead or 1.3 mg/L for copper, remediative steps are required. In MCWA's combined retail area, 90% of the samples were less than 4.3 ug/L for lead and 0.100 mg/L for copper.

**mg/l** = milligram (1/1,000 of a gram) per liter = ppm = parts per million

**ug/l** = microgram (1/1,000,000 of a gram) per liter = ppb = parts per billion

**ng/L** = nanogram (1/1,000,000,000 of a gram) per liter = ppt = parts per trillion

**pg/L** = picogram (1/1,000,000,000,000 of a gram) per liter = ppq = parts per quadrillion

**pCi/L** = picoCuries per liter

**NTU** = Nephelometric turbidity Unit, a measure of the clarity of water.

**MF/L** = million fibers per liter, a measure of the presence of asbestos fibers longer than 10 micrometers.

**(year)** = Most recent testing. Monitoring frequency requirements vary depending on compound.

**Not Detected = ND** = absent or present at less than testing method detection level. All testing methods are EPA approved with detection limits much less than the MCL.

**NA** = Not applicable    **NR** = Not required    **NS** = No standard    **NT** = Not Tested

**umhos/cm** = micro ohms per centimeter

**Cont** = Continuously monitored via online instrumentation.

\*\* = 95% of measurements within a given month must be less than 0.3 NTUs.

\*\*\* = Average of monthly distribution system turbidity samples must be less than 5.0 NTUs.

\*\*\*\* = 95% of monthly distribution system samples must have a measurable chlorine residual.

\*\*\*\*\* = No more than 5% of monthly samples can be positive.

**Note:** Total Hardness is also expressed in grains per gallon. The Total Hardness of the Ontario and Hemlock supplies are 7.6 and 5.6 grains per gallon respectively.



PBS Number

8-013420

New York State Department of Environmental Conservation

PETROLEUM BULK STORAGE CERTIFICATE

625 Broadway, 11th Floor, Albany, NY 12233-7020 Phone: 518-402-9553

Region 8 NYSDEC - PBS Unit

6274 East Avon-Lima Road

Avon, NY 14414-8519

(585) 226-2466

<u>TANK NUMBER</u>	<u>TANK LOCATION</u>	<u>DATE INSTALLED</u>	<u>TANK TYPE</u>	<u>PRODUCT STORED</u>	<u>CAPACITY (GALLONS)</u>	<u>DATE LAST TESTED</u>	<u>TESTING DUE DATE</u>
003	Underground	07/01/1993	Fiberglass Reinforced Plastic (FRP)	#2 Fuel Oil	12,000		

\* Aboveground tanks require monthly visual inspections and may need documented internal inspections as described in 6 NYCRR Part 613

FILE

**OWNER:**  
RUSH HENRIETTA CENTRAL SCHOOL  
2034 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

**SITE:**  
RUSH HENRIETTA CENTRAL SCHOOL  
ROTH MIDDLE SCHOOL  
4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

**ON-SITE OPERATOR:** JOHN DREHER  
(585) 359-5116  
**PRIMARY OPERATOR:**  
**EMERGENCY CONTACT:** KENNETH A NELSON  
(585) 359-5385

**MAILING CORRESPONDENCE:**

DIRECTOR OF SCHOOL FACILITIES  
RUSH-HENRIETTA CENTRAL SCHOOL  
1133 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

**ISSUED BY:** Commissioner  
Joe Martens  
**PBS NUMBER:** 8-013420  
**DATE ISSUED:** 09/28/2011  
**EXPIRATION DATE:** 12/02/2016  
**FEE PAID:** \$500.00

As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 374-2 (used oil tanks only), not just those cited below:

- The facility must be re-registered if there is a transfer of ownership.
- The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.
- The facility must be operated in accordance with the code for storing petroleum, 6NYCRR Part 613.
- Any new facility or substantially modified facility must comply with 6NYCRR Part 614.
- This certificate must be signed and posted on the premises at all times. Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.
- Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).

Signature of Representative/ Owner

Date

Name and Title of Authorized Representative/Owner (Please Print)





**PBS Number**  
**8-013420**

**New York State Department of Environmental Conservation**  
**PETROLEUM BULK STORAGE CERTIFICATE**

625 Broadway, 11th Floor, Albany, NY 12233-7020 Phone: 518-402-9553

**Region 8 NYSDEC - PBS Unit**  
**6274 East Avon-Lima Road**  
**Avon, NY 14414-8519**  
**(585) 226-2466**

<u>TANK NUMBER</u>	<u>TANK LOCATION</u>	<u>DATE INSTALLED</u>	<u>TANK TYPE</u>	<u>PRODUCT STORED</u>	<u>CAPACITY (GALLONS)</u>	<u>DATE LAST TESTED</u>	<u>TESTING DUE DATE</u>
003	Underground	07/01/1993	Fiberglass Reinforced Plastic (FRP)	#2 Fuel Oil	12,000		

\* Aboveground tanks require monthly visual inspections and may need documented internal inspections as described in 6 NYCRR Part 613

**FILE COPY**

**OWNER:**  
RUSH HENRIETTA CENTRAL SCHOOL  
2034 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

**SITE:**  
RUSH HENRIETTA CENTRAL SCHOOL  
ROTH MIDDLE SCHOOL  
4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 374-2 (used oil tanks only), not just those cited below:

**ON-SITE OPERATOR:** JOHN DREHER  
**PRIMARY OPERATOR:** (585) 359-5116  
**EMERGENCY CONTACT:** STANLEY W POLMATEER  
(585) 359-5385

**MAILING CORRESPONDENCE:**

STANLEY W POLMATEER  
RUSH-HENRIETTA CENTRAL SCHOOL  
1133 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

- The facility must be re-registered if there is a transfer of ownership.
- The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.
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- Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).

**ISSUED BY:** Commissioner Alexander B. Grannis  
**PBS NUMBER:** 8-013420  
**DATE ISSUED:** 11/06/2006  
**EXPIRATION DATE:** 12/02/2011  
**FEE PAID:** \$500.00

\_\_\_\_\_  
Signature of Representative/ Owner Date  
\_\_\_\_\_  
Name and Title of Authorized Representative/Owner (Please Print)



**PBS Number**  
8-013420

**New York State Department of Environmental Conservation**  
**PETROLEUM BULK STORAGE CERTIFICATE**

625 Broadway, 11th Floor, Albany, NY 12233-7020 Phone: 518-402-9553

**Region 8 NYSDEC - PBS Unit**  
6274 East Avon-Lima Road  
Avon, NY 14414-8519  
(585) 226-2466

TANK NUMBER	TANK LOCATION	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE
003	Underground	07/01/1993	Fiberglass Reinforced Plastic (FRP)	12,000		

FILE

\* Aboveground tanks require monthly visual inspections and may need documented internal inspections as described in 6 NYCRR Part 613

**OWNER:**  
RUSH HENRIETTA CENTRAL SCHOOL  
2034 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

**SITE:**  
RUSH HENRIETTA CENTRAL SCHOOL  
ROTH HIGH SCHOOL  
4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

**OPERATOR:** JOHN DREHER  
(585) 359-5116  
**EMERGENCY CONTACT:** STANLEY W POLMATEER  
(585) 359-5385

**MAILING CORRESPONDENCE:**

STANLEY W POLMATEER  
RUSH-HENRIETTA CENTRAL SCHOOL  
2034 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

**ISSUED BY:** Commissioner  
Denise M. Sheehan  
**PBS NUMBER:** 8-013420  
**DATE ISSUED:** 11/06/2006  
**EXPIRATION DATE:** 12/02/2011  
**FEE PAID:** \$500.00

As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 360-14 (used oil tanks only), not just those cited below:

- The facility must be re-registered if there is a transfer of ownership.
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- **This certificate must be signed and posted on the premises at all times.** Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.
- Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).

Signature of Representative/ Owner

Date

Name and Title of Authorized Representative/Owner (Please Print)





PBS Number  
8-013420

New York State Department of Environmental Conservation  
**PETROLEUM BULK STORAGE CERTIFICATE**

625 Broadway, 11th Floor, Albany, NY 12233-7020 Phone: 518-402-9553

Region 8 NYSDEC - PBS Unit  
6274 East Avon-Lima Road  
Avon, NY 14414-8519  
(585) 226-2466

TANK NUMBER	TANK LOCATION	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE
003	Underground	07/01/1993	Fiberglass Reinforced Plastic (FRP)	12,000		

**FILE COPY**

\* Aboveground tanks require monthly visual inspections and may need documented internal inspections as described in 6 NYCRR Part 613

**OWNER:**  
RUSH HENRIETTA CENTRAL SCHOOL  
2034 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

**SITE:**  
RUSH HENRIETTA CENTRAL SCHOOL  
ROTH HIGH SCHOOL  
4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

**OPERATOR:** JOHN DREHER  
(585) 359-5116  
**EMERGENCY CONTACT:** STANLEY W POLMATEER  
(585) 359-5385

**MAILING CORRESPONDENCE:**

**ISSUED BY:** Commissioner  
Denise M. Sheehan  
**PBS NUMBER:** 8-013420  
**DATE ISSUED:** 10/05/2001  
**EXPIRATION DATE:** 12/02/2006  
**FEE PAID:** \$250.00

STANLEY W POLMATEER  
RUSH-HENRIETTA CENTRAL SCHOOL  
2034 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 360-14 (used oil tanks only), not just those cited below:

- The facility must be re-registered if there is a transfer of ownership.
- The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.
- The facility must be operated in accordance with the code for storing petroleum, 6NYCRR Part 613.
- Any new facility or substantially modified facility must comply with 6NYCRR Part 614.
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- Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).

Signature of Representative/ Owner

Date

Name and Title of Authorized Representative/Owner (Please Print)

## PETROLEUM BULK STORAGE REGISTRATION CERTIFICATE

NYS DEC - REGION 8  
6274 E. AVON-LIMA ROAD  
AVON, NY 14414  
(716) 226-2466



Page 1 of 1

TANK NUMBER	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE	OWNER
003	07/01/1993	FRP	12,000			RUSH HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467
						<b>SITE</b> RUSH HENRIETTA CENTRAL SCHOOL ROTH HIGH SCHOOL 4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467
						<b>OPERATOR (Name and Telephone Number)</b> TOM DEMERSMAN (716) 359-5116
						<b>EMERGENCY CONTACT (Name and Telephone Number)</b> STANLEY W POLMATEER (716) 359-5185
						<p>As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 360-14 (used oil tanks only), not just those cited below:</p> <ul style="list-style-type: none"> <li>The facility must be re-registered if there is a transfer of ownership.</li> <li>The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.</li> <li>The facility must be operated in accordance with the code for storing petroleum, 6 NYCRR Part 613.</li> <li>Any new facility or substantially modified facility must comply with 6 NYCRR Part 614.</li> <li>This certificate must be posted on the premises at all times. Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.</li> <li>Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).</li> </ul>
<b>ISSUED BY:</b> Commissioner Erin M. Crotty			<b>MAILING CORRESPONDENCE</b>			Signature of Authorized Representative/Owner _____ Date _____  Name of Authorized Representative/Owner (Please Print) _____  Title _____
<b>PETROLEUM BULK STORAGE ID NUMBER</b> 8-013420			STANLEY W POLMATEER			
<b>DATE ISSUED</b> 10/11/2001		<b>EXPIRATION DATE</b> 12/02/2006		RUSH-HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467		
<b>FEE PAID</b> \$ 250						

FILE COPY

THIS REGISTRATION CERTIFICATE IS NON-TRANSFERABLE





## PETROLEUM BULK STORAGE REGISTRATION CERTIFICATE

NYS DEC - REGION 8  
6274 E. AVON-LIMA ROAD  
AVON, NY 14414  
(716) 226-2466



Page 1 of 1

TANK NUMBER	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE	OWNER
003	07/93	FRP	12,000			RUSH HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467
						SITE RUSH HENRIETTA CENTRAL SCHOOL ROTH HIGH SCHOOL 4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467
						OPERATOR (Name and Telephone Number) RAY ALELLO (716) 359-5116
						EMERGENCY CONTACT (Name and Telephone Number) STANLEY POLMATEER (716) 359-5185
						As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 360-14 (used oil tanks only), not just those cited below: <ul style="list-style-type: none"> <li>• The facility must be re-registered if there is a transfer of ownership.</li> <li>• The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.</li> <li>• The facility must be operated in accordance with the code for storing petroleum, 6 NYCRR Part 613.</li> <li>• Any new facility or substantially modified facility must comply with 6 NYCRR Part 614.</li> <li>• This certificate must be posted on the premises at all times. Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.</li> <li>• Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7382).</li> </ul>
ISSUED BY: Commissioner Michael Zagata		MAILING CORRESPONDENCE				
PETROLEUM BULK STORAGE ID NUMBER 8-013420		RUSH-HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467				Signature of Authorized Representative/Owner _____ Date _____
DATE ISSUED 10/29/96	EXPIRATION DATE 12/02/01					Name of Authorized Representative/Owner (Please Print) _____
FEE PAID \$ 250					Title _____	

THIS REGISTRATION CERTIFICATE IS NON-TRANSFERABLE


**PETROLEUM BULK STORAGE REGISTRATION CERTIFICATE**

 NYS DEC - REGION 8  
 6274 E. AVON-LIMA ROAD  
 AVON, NY 14414  
 (716) 226-2466
Page 1 of 1

TANK NUMBER	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE	OWNER
003	07/93	FRP	12,000			RUSH HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467
						SITE RUSH HENRIETTA CENTRAL SCHOOL ROTH HIGH SCHOOL 4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467
						OPERATOR (Name and Telephone Number) GARY DELORM (716) 359-5116
						EMERGENCY CONTACT (Name and Telephone Number) STANLEY POLMATEER (716) 359-5185
<div data-bbox="814 836 1129 941" data-label="Text"> <p style="font-size: 2em; color: blue; opacity: 0.5;">COPY</p> </div>						<p>As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, not just those cited below:</p> <ul style="list-style-type: none"> <li>• The facility must be re-registered if there is a transfer of ownership.</li> <li>• The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.</li> <li>• The facility must be operated in accordance with the code for storing petroleum, 6 NYCRR Part 613.</li> <li>• Any new facility or substantially modified facility must comply with the code for new and substantially modified facilities, 6 NYCRR Part 614.</li> <li>• <b>This certificate must be posted on the premises at all times.</b> Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.</li> <li>• Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).</li> </ul>
ISSUED BY: Commissioner Thomas C. Jorling		MAILING CORRESPONDENCE  RUSH-HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467				Signature of Authorized Representative/Owner _____ Date _____
PETROLEUM BULK STORAGE ID NUMBER 8-013420						Name of Authorized Representative/Owner (Please Print) _____
DATE ISSUED 08/09/93	EXPIRATION DATE 12/02/96					Title _____
FEE PAID \$ 250						

**THIS REGISTRATION CERTIFICATE IS NON-TRANSFERABLE**




**PETROLEUM BULK STORAGE REGISTRATION CERTIFICATE**

 NYS DEC - REGION 8  
 6274 E. AVON-LIMA ROAD  
 AVON, NY 14414  
 (716) 226-2466
Page 1 of 1

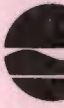
TANK NUMBER	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE	OWNER	
001	12/50	Steel/Carbon Steel	10,000	06/87	06/92	RUSH HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467	
002	12/50	Steel/Carbon Steel	10,000	06/87	06/92		
<div style="font-size: 48px; color: blue; opacity: 0.5;">COPY</div>						SITE RHCS ROTH HIGH SCHOOL 4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467	
						OPERATOR (Name and Telephone Number) GARY DELORM (716) 359-5116	
						EMERGENCY CONTACT (Name and Telephone Number) ROBERT DENK (716) 359-5186	
						<p>As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, not just those cited below:</p> <ul style="list-style-type: none"> <li>• The facility must be re-registered if there is a transfer of ownership.</li> <li>• The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.</li> <li>• The facility must be operated in accordance with the code for storing petroleum, 6 NYCRR Part 613.</li> <li>• Any new facility or substantially modified facility must comply with the code for new and substantially modified facilities, 6 NYCRR Part 614.</li> <li>• <b>This certificate must be posted on the premises at all times.</b> Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.</li> <li>• Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).</li> </ul>	
ISSUED BY: Commissioner Thomas C. Jorling	MAILING CORRESPONDENCE  RUSH-HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467					Signature of Authorized Representative/Owner _____ Date _____	
PETROLEUM BULK STORAGE ID NUMBER 8-013420						Name of Authorized Representative/Owner (Please Print) _____	
DATE ISSUED 08/01/91						EXPIRATION DATE 12/02/96	Title _____
FEE PAID \$ 250							

THIS REGISTRATION CERTIFICATE IS NON-TRANSFERABLE

AVON, NY 14414

(716) 226-2466

**PETROLEUM BULK STORAGE REGISTRATION CERTIFICATE**



TANK NUMBER	TESTING DUE DATE	DATE LAST TESTED	TANK TYPE	CAPACITY	DATE INSTALLED
001	06/92	06/03/87	BARE STEEL	10,000	12/50
002	06/92	06/03/87	BARE STEEL	10,000	12/50

FEE PAID 250

\* Aboveground tanks require monthly visual inspections and documented internal inspections every ten years as described in 6 NYCRR Part 613.

As authorized representative of the above named facility I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Part 612, 613 and 614, not just those cited below:

- The facility must be reregistered if there is a transfer of ownership.
- The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanent closing a stationary tank.
- The facility must be operated in accordance with the Code for Storing Petroleum, 6 NYCRR Part 613.
- Any new facility or substantially modified facility must comply with the Code for New and Substantially Modified Facilities, 6 NYCRR Part 614.
- **This certificate must be displayed on the premises at all times.**

ISSUED BY: <b>COMMISSIONER THOMAS C. JORLING</b>		OPERATOR <b>GARY DELORM</b>	
PETROLEUM BULK STORAGE ID NUMBER <b>013420</b>		<b>4000 E HENRIETTA ROAD</b>	
DATE ISSUED <b>11/19/87</b>	EXPIRATION DATE <b>12/02/91</b>	<b>HENRIETTA NY</b>	
		<b>14467</b>	
FACILITY <b>RHCS ROTH HIGH SCHOOL</b>		OWNER <b>RUSH-HENRIETTA CENTRAL SCHOOL</b>	
<b>4000 E HENRIETTA ROAD</b>		<b>2034 LEHIGH STATION ROAD</b>	
<b>HENRIETTA NY</b>		<b>HENRIETTA NY</b>	
<b>14467</b>		<b>14467</b>	

Signature of Representative/Owner \_\_\_\_\_

EMERGENCY CONTACT  
**ROBERT DENK**  
**2034 LEHIGH STATION ROAD**  
**HENRIETTA NY 14467**  
**(716) 334-5440**

**DEPARTMENT COPY**



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
**PETROLEUM BULK STORAGE REGISTRATION CERTIFICATE**

TANK NUMBER	TESTING DUE DATE	DATE LAST TESTED	TANK TYPE	CAPACITY	DATE INSTALLED
001	12/87		BARE STEEL	10,000	12/50
002	12/87		BARE STEEL	10,000	12/50

FEE PAID 250

\* Aboveground tanks require monthly visual inspections and documented internal inspections every ten years as described in 6 NYCRR Part 613.

As authorized representative of the above named facility I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Part 612, 613 and 614, not just those cited below:

- The facility must be reregistered if there is a transfer of ownership.
- The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanent closing a stationary tank.
- The facility must be operated in accordance with the Code for Storing Petroleum, 6 NYCRR Part 613.
- Any new facility or substantially modified facility must comply with the Code for New and Substantially Modified Facilities, 6 NYCRR Part 614.
- **This certificate must be displayed on the premises at all times.**

Signature of Representative/Owner \_\_\_\_\_ Da

ISSUED BY: COMMISSIONER HENRY G. WILLIAMS		OPERATOR GARY DELDRM 4000 E HENRIETTA ROAD HENRIETTA NY 14457	
PETROLEUM BULK STORAGE ID NUMBER 013420			
DATE ISSUED 12/02/86	EXPIRATION DATE 12/02/91		
FACILITY ROTH HIGH SCHOOL 4000 E HENRIETTA ROAD HENRIETTA NY 14457		OWNER RUSH-HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA NY 14457	EMERGENCY CONTACT ROBERT DENK 2034 LEHIGH STATION ROAD HENRIETTA NY 14457

DEPARTMENT COPY





# Petroleum Bulk Storage Application

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 374-2

(Please Type or Print Clearly and Complete All Items for Sections A & B)

**Return Completed Form & Fees To:**

NYSDEC Region 8

6274 East Avon-Lima Road  
Avon, NY 14414-8519  
(585) 226-2466

**PBS Number:**  
**8-013420**

## Section A - Facility/Owner/Contact Information

Expiration Date: 12/02/2011

<b>Transaction Type:</b> <u>5,4</u>  1) Initial/New Facility 2) Change of Ownership 3) Tank Installation, Closing, Repair or Reconditioning 4) Information Correction 5) Renewal	F A C I L I T Y	Facility Name: <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b>	<b>TYPE OF PETROLEUM FACILITY (Check only one)</b> <input type="checkbox"/> 01=Storage Terminal/Petroleum Distributor <input type="checkbox"/> 02=Retail Gasoline Sales <input type="checkbox"/> 03=Other Retail Sales <input type="checkbox"/> 04=Manufacturing <input type="checkbox"/> 05=Utility <input type="checkbox"/> 06=Trucking/Transportation <input type="checkbox"/> 07=Apartment/Office Building <input checked="" type="checkbox"/> 08=School <input type="checkbox"/> 09=Farm <input type="checkbox"/> 10=Private Residence <input type="checkbox"/> 11=Airline/Air Taxi/Airport <input type="checkbox"/> 12=Chemical Distributor <input type="checkbox"/> 13=Municipality <input type="checkbox"/> 15=Railroad <input type="checkbox"/> 25=Auto Service/Repair (No Gasoline Sales) <input type="checkbox"/> 26=Religious (Church, Synagogue, Mosque, Temple, etc.) <input type="checkbox"/> 27=Hospital/Nursing Home/Health Care <input type="checkbox"/> 28=Cemetery / Memorial <input type="checkbox"/> 99=Other (Specify):	
		Location (Not P.O. Boxes) <b>ROTH MIDDLE SCHOOL</b>		
		Location (cont.): <b>4000 EAST HENRIETTA ROAD</b>		
		City: <b>HENRIETTA</b> State: <b>NY</b> Zip Code: <b>14467</b>		
		County: <b>Monroe</b> Township or City: <b>Henrietta</b>		
Name of Daily On-Site Operator: <b>JOHN DREHER</b> Training: Reserved for future use <input type="checkbox"/> Facility Phone Number: <b>(585) 359-5116</b>				
Name of Primary Operator: <b>KENNETH A. NELSON</b> Training: Reserved for future use <input type="checkbox"/> Primary Operator Phone Number: <b>(585) 359-5385</b>				
<b>NOTE: A change of ownership and/or federal tax ID submission must include the first page of the deed.</b>	O W N E R	Owner Name: <b>RUSH HENRIETTA CENTRAL SCHOOL</b>	Emergency Contact Name: <b>KENNETH A. NELSON</b> Emergency Telephone Number: <b>(585) 359-5385</b> <del>STANLEY W POLMATEER</del>	
		Address (Street and/or P.O.): <b>2034 LEHIGH STATION ROAD</b>		
		City: <b>HENRIETTA</b> State: <b>NY</b> Zip Code: <b>14467</b>		
		Federal Tax ID Number: <b>16-6002034</b> Owner Telephone Number: <b>(585) 359-5000</b>		
		Check If Multiple Tank Owners: <input type="checkbox"/> Type of Owner: (check only one) 1 <input type="checkbox"/> Private Resident    2 <input type="checkbox"/> State Government    3 <input checked="" type="checkbox"/> Local Government    4 <input type="checkbox"/> Federal Government    5 <input type="checkbox"/> Corporate/Commercial		
<b>***The Application will be returned if these items are blank</b>	C O R R E S P O N D E N C E	(Please keep up to date - this information is used for mailing and contact purposes)		
		Attention: <b>DIRECTOR OF SCHOOL FACILITIES</b>		
		Name of Company: <b>RUSH-HENRIETTA CENTRAL SCHOOL</b>		
		Address: <b>1133 LEHIGH STATION ROAD</b>		
		City/State/Zip Code: <b>HENRIETTA, NY 14467</b>		
Telephone Number: <b>(585) 359-5385</b> E-Mail Address:			I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.  Name of Owner or Authorized Representative: <b>STANLEY POLMATEER</b> Amount Enclosed: <b>\$ 500.00</b> Title: <b>DIRECTOR SCHOOL FACILITIES</b> Signature: <i>Kenneth A. Nelson</i> ***    Date: <b>9/13/11</b>	
			OFFICIAL USE ONLY Date Received <b>9/27/2011</b> Date Processed <b>9/28/11 msp</b> Amount Received <b>\$ 500-</b> Reviewed by <b>m</b> (pbsapplication2009.rpt)	

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 SEP 27 2011  
 NYSDEC REG 8  
 ENV REMEDIATION



**Section B - Tank Information**

*(Please use the key located on the other side of this page to complete each item/column)*

**Registration Expiration Date:**  
12/2/2011

**PBS Number:**  
**8-013420**

(1) Action	(2) Tank Number	(3) Tank Location	(4) Status	(5) Installation or Permanent Closure Date (M/D/Year) <b>application will be returned if blank or 00/00/0000</b>	(6) Capacity (Gallons)	(7) Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	(8) Tank Type	(9) Tank Internal Protection	(10) Tank External Protection	(11) Tank Secondary Containment	(12) Tank Leak Detection	(13) Tank Overfill Prevention	(14) Tank Spill Prevention	(15) Pumping/Dispensing Method	(16) Piping Location	(17) Piping Type	(18) Piping External Protection	(19) Piping Secondary Containment	(20) Piping Leak Detection	(21) Under Dispenser Containment (UDC) (Check box if present)	(22) Tank Owned By Party Other Than Listed In Section A (Check box if applicable)
	003	5	1	7/1/1993	12,000	0001 %	06	00	04	04	01	03	01	02	02	10	05	04	09	<input type="checkbox"/>	<input type="checkbox"/>

**RECEIVED**  
**SEP 27 2011**  
**NYSDEC REG 8 ENV REMEDIATION**

**Additional Tanks:**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
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# Petroleum Bulk Storage Application

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 374-2

(Please Type or Print Clearly and Complete All Items for Sections A & B)

Return Completed Form & Fees To:



PBS Number:  
8-013420

## Section A - Facility/Owner/Contact Information

Expiration Date:

<b>Transaction Type:</b> <input type="checkbox"/> 1)Initial/New Facility <input type="checkbox"/> 2)Change of Ownership <input type="checkbox"/> 3)Tank Installation, Closing, Repair or Reconditioning <input type="checkbox"/> 4)Information Correction <input checked="" type="checkbox"/> 5) Renewal	F A C I L I T Y	Facility Name: RUSH HENRIETTA CENTRAL SCHOOL DISTRICT	<b>TYPE OF PETROLEUM FACILITY (Check only one)</b> <input type="checkbox"/> 01=Storage Terminal/Petroleum Distributor <input type="checkbox"/> 02=Retail Gasoline Sales <input type="checkbox"/> 03=Other Retail Sales <input type="checkbox"/> 04=Manufacturing <input type="checkbox"/> 05=Utility <input type="checkbox"/> 06=Trucking/Transportation <input type="checkbox"/> 07=Apartment/Office Building <input checked="" type="checkbox"/> 08=School <input type="checkbox"/> 09=Farm <input type="checkbox"/> 10=Private Residence <input type="checkbox"/> 11=Airline/Air Taxi/Airport <input type="checkbox"/> 12=Chemical Distributor <input type="checkbox"/> 13=Municipality <input type="checkbox"/> 15=Railroad <input type="checkbox"/> 25=Auto Service/Repair (No Gasoline Sales) <input type="checkbox"/> 26=Religious (Church, Synagogue, Mosque, Temple, etc.) <input type="checkbox"/> 27=Hospital/Nursing Home/Health Care <input type="checkbox"/> 28=Cemetery / Memorial <input type="checkbox"/> 99=Other (Specify):			
		Location (Not P.O. Boxes) ROTH MIDDLE SCHOOL				
		Location (cont.): 4000 EAST HENRIETTA ROAD				
		City: HENRIETTA	State: NY	Zip Code: 14467		
		County: MONROE	Township or City: HENRIETTA			
		Name of Daily On-Site Operator: JOHN DRENER	Training: <input type="checkbox"/>	Facility Phone Number: 585-359-5116		
		Name of Primary Operator: STANLEY W POLMATEER	Training: <input type="checkbox"/>	Primary Operator Phone Number: 585-359-5385		
		Owner Name: RUSH HENRIETTA CENTRAL SCHOOL	Emergency Contact Name:		Emergency Telephone Number:	
		Address (Street and/or P.O.): 2034 LEWIS STATION ROAD	I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.			
		City: HENRIETTA	State: NY	Zip Code: 14467		
		Federal Tax ID Number: 16-6002034	Owner Telephone Number: 585-359-5385 5000			
		Check If Multiple Tank Owners: <input type="checkbox"/> 1 Private Resident <input type="checkbox"/> 2 State Government	Type of Owner: (check only one) <input checked="" type="checkbox"/> 3 Local Government <input type="checkbox"/> 4 Federal Government <input type="checkbox"/> 5 Corporate/Commercial			
***The Application will be returned if these items are blank	C O R R E S P O N D E N C E	(Please keep up to date - this information is used for mailing and contact purposes)				
		Attention: STANLEY W. POLMATEER				
		Name of Company: RUSH HENRIETTA CENTRAL SCHOOL				
		Address: 1133 LEWIS STATION ROAD				
		Address: HENRIETTA, NY 14467				
		City/State/Zip Code: HENRIETTA, NY 14467	Telephone Number: 585-359-5385		E-Mail Address:	
			RECEIVED AUG 21 2009 SPILLS / BULK STORAGE NYS DEC REGION 8		OFFICIAL USE ONLY Date Received 8/21/09 Date Processed 10/23/09 Amount Received \$ 0 Reviewed by [Signature]	



PBS Number:

8-013420

### Section B - Tank Information

*(Please use the key located on the other side of this page to complete each item/column)*

**Registration Expiration Date:**

(1) Action	(2) Tank Number	(3) Tank Location	(4) Status	(5) Installation or Permanent Closure Date (M/D/Year) <b>application will be returned if blank or 00/00/0000</b>	(6) Capacity (Gallons)	(7) Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	(8) Tank Type	(9) Tank Internal Protection	(10) Tank External Protection	(11) Tank Secondary Containment	(12) Tank Leak Detection	(13) Tank Overfill Prevention	(14) Tank Spill Prevention	(15) Pumping/Dispensing Method	(16) Piping Location	(17) Piping Type	(18) Piping External Protection	(19) Piping Secondary Containment	(20) Piping Leak Detection	(21) Under Dispenser Containment (UDC) (Check box if present)	(22) Tank Owned By Party Other Than Listed in Section A (Check box if applicable)
	003	S 1		07/01/1557	12,000	0001	02	00	04	04	01	03	01	02	02	10	05	04	09	<input type="checkbox"/>	<input type="checkbox"/>
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**Additional Tanks:**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
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AUG 21 2009  
88 HILLS (19) JULY STORAGE  
NYS DEC REGION 8

**Parker Administration Building**

2951 High Station Road  
Henrietta, New York 14457  
Tel: 585-359-5005



**J. Kenneth Graham, Jr., Ph.D.**

Superintendent of Schools  
jkgraham@rhdcsd.org  
Phone: 585-359-5005

New York State Department of Environmental Conservation  
Region 8 Headquarters  
6274 E. Avon-Lima Road  
Avon, 14414-9519  
August 20, 2009

Dear Tom,

Enclosed you will find the corrective actions completed to comply with your inspection at the Vollmer Elementary School from this past January. I have included several documents as evidence that our violations have in deed been corrected. A bulk storage application with the required changes, weekly check sheets of the leak monitoring system and information regarding our day tank system.

*Wendy*

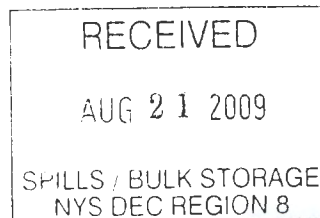
Enclosed you will also find several Bulk Storage Applications with information corrections. These will correct errors regarding our day tank information at several of our remaining buildings and an address change for all correspondence. This will hopefully alleviate any further delays in subsequent inspections so that we may return any information in a more timely fashion.

Should you need any further information please contact me so that I may respond in an appropriate time frame.

Sincerely,

*Steven C. Bloss*

Steven C. Bloss  
Summer Technician  
School Facilities  
Rush Henrietta School District  
585-359-5385





New York State Department of Environmental Conservation  
 Division of Environmental Remediation  
**Petroleum Bulk Storage Application**  
 Pursuant to the Petroleum Bulk Storage Law,  
 Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
**Section A**

**Return Completed Form & Fees To:**  
 NYSDEC Region 8  
 6274 East Avon-Lima Road  
 Avon, NY 14414-8519  
 (585) 226-2466



Please Type or Print Clearly  
 and Complete All Items

( Please be sure to complete Sections A & B)

Expiration Date: 12/02/2006

<b>PBS Number</b> <b>8-013420</b>	F A C I L I T Y	Facility Name: <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b>	<b>TYPE OF PETROLEUM FACILITY (Check only one)</b>		
		Location (Not P.O. Boxes) <b>ROTH HIGH SCHOOL</b>	<input type="checkbox"/> 01=Storage Terminal/Petroleum Distributor	<input type="checkbox"/> 02=Retail Gasoline Sales	<input type="checkbox"/> 03=Other Retail Sales
DEC CBS Number: (If applicable)	C I L I T Y	Location (cont.): <b>4000 EAST HENRIETTA ROAD</b>	<input type="checkbox"/> 04=Manufacturing	<input type="checkbox"/> 05=Utility	
DEC SPDES Number: (If applicable)		City: <b>HENRIETTA</b>	State: <b>NY</b>	Zip Code: <b>14467</b>	<input type="checkbox"/> 06=Trucking/Transportation
<b>Transaction Type</b> (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee	I T Y	County: <b>Monroe</b>	Township or City: <b>Henrietta</b>	<input type="checkbox"/> 07=Apartment/Office Building	
		Name of Operator at Facility: <b>JOHN DREHER</b>	Facility Telephone Number: <b>(585) 359-5116</b>	<input type="checkbox"/> 08=School	
		Emergency Contact Name: <b>STANLEY W POLMATEER</b>	Emergency Telephone Number: <b>(585) 359-5385</b>	<input type="checkbox"/> 09=Farm	
		<input type="checkbox"/> 1)Initial/ New Facility	<input type="checkbox"/> 10=Private Residence	<input type="checkbox"/> 11=Airline/Air Taxi	
<input type="checkbox"/> 2)Change of Ownership	O W N E R	Owner Name: <b>RUSH HENRIETTA CENTRAL SCHOOL</b>	<input type="checkbox"/> 12=Chemical Distributor	<input type="checkbox"/> 13=Municipality	
<input type="checkbox"/> 3)Tank Installation, Closing, Repair or Reconditioning		Address (Street and/or P.O.): <b>2034 LEHIGH STATION ROAD</b>	<input type="checkbox"/> 14=Refinery	<input type="checkbox"/> 15=Railroad	
<input type="checkbox"/> 4)Information Correction		City: <b>HENRIETTA</b>	State: <b>NY</b>	Zip Code: <b>14467</b>	<input type="checkbox"/> 99=Other (Specify):
<input type="checkbox"/> 5) Renewal		Federal Tax ID Number: <b>16-6002034</b>	Owner Telephone Number: <b>(585) 359-5385</b>	I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.	
<b>*** Application          will be returned          if these items          are blank</b>	C O R R E S P O N D E N C E	Type of Owner:    2 <input type="checkbox"/> State Government    4 <input type="checkbox"/> Federal Government	Name of Owner or Authorized Representative: <b>STANLEY POLMATEER</b>	Amount Enclosed: <b>\$ 500.00</b>	
		1 <input type="checkbox"/> Private Resident    3 <input checked="" type="checkbox"/> Local Government    5 <input type="checkbox"/> Corporate/Commercial	Title: <b>DIRECTOR SCHOOL FACILITIES</b>	Signature: <i>Stanley W. Polmateer</i> ***    Date: <i>10/26/06</i>	
		(Please keep up to date - this information is used for mailing and contact purposes)			
		Attention: <b>STANLEY W POLMATEER</b>	<b>OFFICIAL USE ONLY</b>		
		Name of Company: <b>RUSH-HENRIETTA CENTRAL SCHOOL</b>	Page <u>1</u> of <u>2</u>		
		Address: <b>2034 LEHIGH STATION ROAD</b>	Date Received <u>10/31/06</u>		
Address: <b>HENRIETTA NY 14467</b>	Date Processed <u>11/6/06 map</u>				
City/State/Zip Code: <b>HENRIETTA NY 14467</b>	Amount Received \$ <u>500</u>				
Telephone Number: <b>(585) 359-5000</b>	Reviewed by <u>WJ</u>				
E-Mail Address:					

RECEIVED  
 OCT 31 2006  
 SPILLS / BULK STORAGE  
 NYS DEC REGION 8



**Section B - Tank Information**

*(Please use the key located on the bottom of this sheet to complete each item/column)*

**Registration Expiration Date:**  
12/2/2006

**PBS Number:**  
8-013420

(1) Action	(2a) -Optional If tank and piping models are entered then the shaded columns <u>DO NOT</u> have to be supplied. Tank and piping model codes are enclosed		(2b)-Required		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	Tank Model	Piping Model	Tank Number	Tank Location	Status	Installation or Permanent Closure Date (Month/Day/Year)	Capacity (Gallons)	Product Stored (If Gas w/ethanol or Biodiesel list % additive) %	Tank Type	Tank Internal Protection	Tank External Protection	Tank Secondary Containment	Tank Leak Detection	Tank Overfill Prevention	Tank Spill Prevention	Tank Dispenser	Piping Location	Piping Type	Piping External Protection	Piping Sec Containment	Piping Leak Detection	
	104	G	003	5	1	7/1/1993	12,000	0001	06	00	04	04	01	03	01	02	02	10	05	04	09	

**RECEIVED**  
 OCT 8 1 2006  
 SPILLS / BULK STORAGE  
 NYS DEC REGION 8

- |  |   |  |   |  |   |  |
|--|---|--|---|--|---|--|
| <p><b>Action (1)</b></p> <ol style="list-style-type: none"> <li>Initial Listing</li> <li>Add Tank</li> <li>Close/Remove Tank</li> <li>Information Correction</li> <li>Recondition/Repair/ Reline Tank</li> </ol> <p><b>Tank Location (3)</b></p> <ol style="list-style-type: none"> <li>Aboveground-contact w/soil</li> <li>Aboveground-contact w/ impervious barrier</li> <li>Aboveground on saddles, legs, stilts, rack, or cradle</li> <li>Aboveground with 10% or more below ground</li> <li>Underground</li> <li>Underground, vaulted, with access</li> </ol> | <p><b>Status (4)</b></p> <ol style="list-style-type: none"> <li>In-service</li> <li>Temporarily out-of-service</li> <li>Closed-Removed</li> <li>Closed- In Place</li> <li>Tank converted to Non-Regulated use</li> </ol> <p><b>Product Stored (7)</b></p> <p>0001. #2 Fuel Oil<br/>0002. #4 Fuel Oil<br/>0003. #6 Fuel Oil<br/>0011. Jet Fuel<br/>0008. Diesel<br/>0009. Gasoline<br/>2712. Gasoline/Ethanol<br/>2710. Biodiesel<br/>2711. Biodiesel (Heating)<br/>0012. Kerosene<br/>0013. Lube Oil<br/>0022. Waste/Used Oil<br/>0259. #5 Fuel Oil<br/>2642. Used Oil (Heating)<br/>9999. Other</p> <p>-please list :*</p> | <p><b>Tank Type (8)</b></p> <ol style="list-style-type: none"> <li>Steel/Carbon Steel/Iron</li> <li>Galvanized Steel Alloy</li> <li>Stainless Steel Alloy</li> <li>Fiberglass Coated Steel</li> <li>Steel Tank in Concrete</li> <li>Fiberglass Reinforced Plastic (FRP)</li> <li>Plastic</li> <li>Equivalent Technology</li> <li>Concrete</li> <li>Urethane Clad Steel</li> <li>Other-please list:*</li> </ol> <p><b>Internal Protection (9)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Epoxy Liner</li> <li>Rubber Liner</li> <li>Fiberglass Liner (FRP)</li> <li>Glass Liner</li> <li>Other-please list:*</li> </ol> | <p><b>External Protection (10/18)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Painted/Asphalt Coating</li> <li>Original Sacrificial Anode</li> <li>Original Impressed Current</li> <li>Fiberglass</li> <li>Jacketed</li> <li>Wrapped (Piping)</li> <li>Retrofitted Sacrificial Anode</li> <li>Retrofitted Impressed Current</li> <li>Urethane</li> <li>Other-please list:*</li> </ol> <p><b>Tank Leak Detection (12)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Interstitial Electronic Monitoring</li> <li>Interstitial Manual Monitoring</li> <li>Vapor Well</li> <li>Groundwater Well</li> <li>In-Tank System (AutoTankGauge)</li> <li>Impervious Barrier/Concrete Pad (Aboveground Only)</li> <li>Other-please list:*</li> </ol> | <p><b>Piping Type (17)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Steel/Carbon Steel/Iron</li> <li>Galvanized Steel</li> <li>Stainless Steel Alloy</li> <li>Fiberglass Coated Steel</li> <li>Steel Encased in Concrete</li> <li>Fiberglass Reinforced Plastic (FRP)</li> <li>Plastic</li> <li>Equivalent Technology</li> <li>Concrete</li> <li>Copper</li> <li>Flexible Piping</li> <li>Other-please list:*</li> </ol> <p><b>Overfill Prevention(13)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Float Vent Valve</li> <li>High Level Alarm</li> <li>Automatic Shut-off</li> <li>Product Level Gauge (Aboveground Only)</li> <li>Vent Whistle</li> <li>Other-please list:*</li> </ol> | <p><b>Secondary Containment (11/19)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Remote Impounding Area</li> <li>Excavation/Trench Liner System</li> <li>Flexible Internal Liner (Bladder)</li> <li>Modified Double-Walled (Aboveground Only)</li> <li>Impervious Underlayment</li> <li>Double Bottom (Aboveground Only)</li> </ol> <p><b>Spill Prevention (14)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Catch Basin</li> <li>Transfer Station</li> <li>Other - Please list*</li> </ol> | <p><b>Piping Location (16)</b></p> <ol style="list-style-type: none"> <li>No Piping</li> <li>Aboveground</li> <li>Underground/On-ground</li> <li>Aboveground/Underground Combination</li> </ol> <p><b>Pipe Leak Detection (20)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Interstitial Electronic Monitoring</li> <li>Interstitial Manual Monitoring</li> <li>Vapor Well</li> <li>Groundwater Well</li> <li>Pressurized Piping Leak Detector</li> <li>Tank Top Sump (Piping)</li> <li>Exempt Suction Piping</li> <li>Other-please list:*</li> </ol> <p><b>Dispenser (15)</b></p> <ol style="list-style-type: none"> <li>None</li> <li>Submersible</li> <li>Suction</li> <li>Gravity</li> </ol> |
|--|---|--|---|--|---|--|

**\* If other, please list on a separate sheet including Tank Number**





New York State Department of Environmental Conservation  
Division of Environmental Remediation  
**Petroleum Bulk Storage Application**  
Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14

**Return Completed Form & Fees To:**  
NYSDEC - PBS Unit  
Region 8 6274 East Avon-Lima Road  
Avon, NY 14414-8519  
(585) 226-2466



Please Type or Print Clearly  
and Complete All Items

Section A  
(See enclosed instructions and please be sure to complete Sections A & B)

Expiration Date:

<b>PBS Number</b> 8-013420  DEC CBS Number: (If applicable)  DEC SPDES Number: (If applicable)  <b>Transaction Type</b> (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee  <input type="checkbox"/> 1)Initial/ New Facility  <input type="checkbox"/> 2)Change of Ownership  <input type="checkbox"/> 3)Substantial Tank Modification  <input checked="" type="checkbox"/> 4)Information Correction  <input type="checkbox"/> 5)Renewal	F A C I L I T Y  O W N E R  C O R R E S P O N S I B L E	Facility Name: RUSH HENRIETTA CENTRAL SCHOOL	<b>TYPE OF PETROLEUM FACILITY</b> (Check only one) <input type="checkbox"/> 01=Storage Terminal/Petroleum Distributor <input type="checkbox"/> 02=Retail Gasoline Sales <input type="checkbox"/> 03=Other Retail Sales <input type="checkbox"/> 04=Manufacturing <input type="checkbox"/> 05=Utility <input type="checkbox"/> 06=Trucking/Transportation <input type="checkbox"/> 07=Apartment Building <input checked="" type="checkbox"/> 08=School <input type="checkbox"/> 09=Farm <input type="checkbox"/> 10=Private Residence <input type="checkbox"/> 11=Airline/Air Taxi <input type="checkbox"/> 12=Chemical Distributor <input type="checkbox"/> 13=Municipality <input type="checkbox"/> 14=Refinery <input type="checkbox"/> 15=Railroad <input type="checkbox"/> 16=Vessel/Barge <input type="checkbox"/> 99=Other (Specify): _____		
		Location (Not P.O. Boxes) ROTH MIDDLE SCHOOL	Location (cont.): 4000 EAST HENRIETTA ROAD	City: HENRIETTA      State: NY      Zip Code: 14467	<input type="checkbox"/> 10=Private Residence <input type="checkbox"/> 11=Airline/Air Taxi <input type="checkbox"/> 12=Chemical Distributor <input type="checkbox"/> 13=Municipality <input type="checkbox"/> 14=Refinery <input type="checkbox"/> 15=Railroad <input type="checkbox"/> 16=Vessel/Barge <input type="checkbox"/> 99=Other (Specify): _____
		County: MONROE      Township or City: HENRIETTA	Name of Operator at Facility: JOHN DREHER      Facility Telephone Number: 585-359-5116	Emergency Contact Name: STANLEY W. POLMATEEN      Emergency Telephone Number: 585-359-5385	I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.
		Owner Name: RUSH HENRIETTA CENTRAL SCHOOL	Address (Street and/or P.O.): 2034 LEHIGH STATION ROAD	City: HENRIETTA      State: NY      Zip Code: 14467	Name of Owner or Authorized Representative: STANLEY W. POLMATEEN      Amount Enclosed: \$
		Federal Tax ID Number: 16-6002034      Owner Telephone Number: 585-359-5385	Type of Owner: (check only one) <input type="checkbox"/> 1 Private Resident <input checked="" type="checkbox"/> 3 Local Government <input type="checkbox"/> 4 Federal Government <input type="checkbox"/> 5 Corporate/Commercial	Title: DIREKTOR SCHOOL FACILITIES	Signature: Stanley W. Polmateen 4/8/06      Date:
		(Please keep up to date - this information is used for mailing and contact purposes)		<b>OFFICIAL USE ONLY</b>	
		Attention: STANLEY W. POLMATEEN	Name of Company: RUSH HENRIETTA CENTRAL SCHOOL		Page 1 of 2
		Address: 2034 LEHIGH STATION ROAD	Address: HENRIETTA, NY 14467		Date Received 1/20/06
		Telephone Number: 585-359-5385	Telephone Number: 585-359-5385		Date Processed 7/7/06
		Amount Received \$ 07		Reviewed by [Signature]	

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JAN 20 2006  
SPILLS / BULK STORAGE  
NYS DEC REGION 8



PBS Number:

8-013420

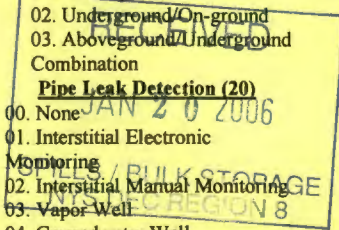
Section B - Tank Information

(See enclosed instructions and use the key located on the bottom of this sheet to complete each item/column)

Registration Expiration Date:

Table with 21 columns and multiple rows. Columns include: (1) Action, (2) Tank Model/Piping Model/Tank Number, (3) Tank Location, (4) Status, (5) Installation or Permanent Closure Date, (6) Capacity (Gallons), (7) Product Stored, (8) Tank Type, (9) Tank Internal Protection, (10) Tank External Protection, (11) Tank Secondary Containment, (12) Tank Leak Detection, (13) Tank Overfill Prevention, (14) Tank Spill Prevention, (15) Tank Dispenser, (16) Piping Location, (17) Piping Type, (18) Piping External Protection, (19) Piping Sec Containment, (20) Piping Leak Detection, (21) Last Test Date/Testing Due Date (Underground Tanks) with Last Test Date and Next Test Date sub-columns.

- Key for columns: Action (1), Status (4), Tank Location (3), Product Stored (7), Tank Type (8), External Protection (10/18), Internal Protection (9), Tank Leak Detection (12), Overfill Prevention (13), Piping Type (17), Secondary Containment (11/19), Spill Prevention (14), Piping Location (16), Pipe Leak Detection (20), Dispenser (15). Includes instructions like '\* If other, please list on a separate sheet including Tank Number'.







**PETROLEUM BULK STORAGE APPLICATION**

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

NYS DEC - REGION 8  
6274 E. AVON-LIMA ROAD  
AVON, NY 14414  
(716) 226-2466



Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**

PBS NUMBER <b>8-013420</b>  Indicate other existing DEC Numbers, if any, for this facility:  CBS Number  SPDES Number	FACILITY	FACILITY NAME <b>RUSH HENRIETTA CENTRAL SCHOOL</b> LOCATION (Not P.O. Boxes)		TYPE OF PETROLEUM FACILITY: (Check all that apply) A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)
		LOCATION (Continued) <b>ROTH HIGH SCHOOL</b> <b>4000 EAST HENRIETTA ROAD</b> CITY/TOWN/VILLAGE      STATE      ZIP CODE <b>HENRIETTA      NY      14467</b> COUNTY      TOWNSHIP OR CITY <b>MONROE      HENRIETTA</b> NAME OF OPERATOR AT FACILITY      FACILITY TELEPHONE NUMBER <del>RAY ALELIO</del> <b>TOM DEBIERSMAN</b> ( 716 ) 359-5116 EMERGENCY CONTACT NAME      EMERGENCY TELEPHONE NO. <b>STANLEY POLMATE</b> ( 716 ) 359-5185		
TRANSACTION TYPE (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee.  Initial/ 1 <input type="checkbox"/> New Facility  Change of 2 <input type="checkbox"/> Ownership  Substantial 3 <input type="checkbox"/> Tank Modification  Information 4 <input type="checkbox"/> Correction  5 <input checked="" type="checkbox"/> Renewal	OWNER	OWNER NAME <b>RUSH HENRIETTA CENTRAL SCHOOL</b> ADDRESS (Street and/or PO Box) <b>2034 LEHIGH STATION ROAD</b> CITY      STATE      ZIP CODE <b>HENRIETTA      NY      14467</b> FEDERAL TAX ID NUMBER      OWNER TELEPHONE NUMBER <b>16-6002034      ( 716 ) 359-5000</b> TYPE OF OWNER (Check only one) 1 <input type="checkbox"/> Private Resident    2 <input type="checkbox"/> State Government    3 <input checked="" type="checkbox"/> Local Government 4 <input type="checkbox"/> Federal Government    5 <input type="checkbox"/> Corporate/Commercial		I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.  NAME OF OWNER OR AUTHORIZED REPRESENTATIVE      AMOUNT ENCLOSED <b>STANLEY W. POLMATEER</b> \$ 250 <sup>00</sup> TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b> SIGNATURE      DATE <i>Stanley W. Polmateer</i> 8/20/01
		Geographical Locator for this Facility: (If known)  LATITUDE: _____ DEG    MIN    SEC  LONGITUDE: _____ DEG    MIN    SEC		
CORRESPONDENCE		ATTENTION  NAME OF COMPANY <b>RUSH-HENRIETTA CENTRAL SCHOOL</b> ADDRESS <b>2034 LEHIGH STATION ROAD</b> ADDRESS  CITY/STATE/ZIP CODE <b>HENRIETTA, NY 14467</b> TELEPHONE NUMBER <b>(716) 359-5000</b>		

**RECEIVED**  
 OCT - 5 2001  
 SPILLS / BULK STORAGE  
 NYS DEC REGION 8



PBS NUMBER: 8-013420

Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

EXPIRATION DATE: 12/02/2001

Page 1 of 1

Action	Tank Number	Tank Location	Status	MM/DD/YYYY				Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection	Piping Location			Piping External Protection	Secondary Containment	Leak Detection	Spill/Overfill Prevention	Dispenser	MM/DD/YYYY			
				Installation or Permanent Closure Date (XXXXXX/XX/XX)																			
1	003	4	1	07	01	1993	12,000	3	5	0	0	2	4	0	5	2	1	5	3	2	12/17/93		

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OCT - 5 2001  
SPIILLS / BULK STORAGE  
NYS DEGR REGION 8

KEY FOR SECTION B ACTION	STATUS	TANK TYPE	INTERNAL PROTECTION: Tank/Piping	PIPING LOCATION	LEAK DETECTION	SPILL/OVERFILL PREVENTION
1. Initial Listing	1. In-service	1. Steel/Carbon Steel	0. None	0. None	0. None	0. None
2. Add Tank	2. Temporarily out-of-service	2. Stainless Steel Alloy	1. Epoxy Liner	1. Aboveground	1. Interstitial Monitoring	1. Float Vent Valve
3. Close/Remove Tank	3. Closed—Removed	3. Concrete	2. Rubber Liner	2. Underground	2. Vapor Well	2. High Level Alarm
4. Information Correction	4. Closed—In Place	4. Fiberglass Coated Steel	3. Fiberglass Liner (FRP)	3. Aboveground/ Underground Combination	3. Groundwater Well	3. Automatic Shut-off
5. Recondition/Repair/Reline Tank	5. Tank Converted to Non-Regulated Use	5. Fiberglass Reinforced Plastic (FRP)	4. Glass Liner	SECONDARY CONTAINMENT	4. In-Tank System	4. Product Level Gauge
	PRODUCT STORED	6. Equivalent Technology	9. Other*	0. None	5. Concrete Pad w/channels	5. Catch Basin
	0. Empty	9. Other*	EXTERNAL PROTECTION: Tank/Piping	1. Vault	6. Double Bottom	6. Vent Whistle
	1. Leaded Gasoline	PIPING TYPE	0. None	2. Double-Walled Tank	9. Other*	9. Other*
	2. Unleaded Gasoline	0. None	1. Painted/Asphalt Coating	3. Excavation Liner		DISPENSER
	3. Nos. 1, 2, or 4 Fuel Oil	1. Steel/Iron	2. Sacrificial Anode	4. Cut-off Walls		1. Submersible
	4. Nos. 5 or 6 Fuel Oil	2. Galvanized Steel	3. Impressed Current	5. Impervious Underlayment		2. Suction
	5. Kerosene	3. Fiberglass (FRP)	4. Fiberglass	6. Earthen Dike		3. Gravity
	6. Diesel	4. Copper	5. Jacketed	7. Prefabricated Steel Dike		
	A. Lube Oil	9. Other*	6. Wrapped (Piping)	8. Concrete Dike		
	B. Used Oil (fuel)		9. Other*	A. Synthetic Liner		
	C. Used Oil			B. Natural Liner		
	9. Other*			9. Other*		

\* If other, please list on separate sheet including Tank Number

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.state.ny.us](http://www.dec.state.ny.us)



**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

## NOTICE OF VIOLATION

January 5, 2006

Mr. Stanley Polmateer  
Director of School Facilities  
Rush Henrietta Central School  
2034 Lehigh Station Road  
Henrietta, New York 14467

Dear Mr. Polmateer:

Re: Rush Henrietta Central School District Petroleum Bulk Storage (PBS) Facilities

This is in response to your letter dated December 29, 2005 regarding the actions you have taken towards correcting violations of the New York State Petroleum Bulk Storage Regulations (6NYCRR Part 612-614) noted in the inspections conducted at 6 of your facilities in June 2005. Your immediate attention is required to correct both those violations/deficiencies that remain outstanding and several additional violations that have occurred since the inspection.

Enclosed, the 10 PBS registration information correction/substantial modification forms submitted with your letter are being returned to you unprocessed. Be advised that 6NYCRR Part 612.2 (d) states: "Within thirty (30) days prior to substantially modifying a facility, the owner must notify the Department of such modification on forms supplied by the Department." The forms you submitted have not been in use since 2004 and are no longer being accepted by the Department; they have been replaced with a revised form. In addition, you are in violation of failing to submit timely notification of substantial modifications (tank installations and tank permanent closures). To correct these violations, submit updated registration information for any/all of your facilities using the enclosed revised forms or the preprinted forms previously sent to you, no later than 15 days from the date of this notice.

Enclosed, the tank tightness test report submitted with your letter for Tank 001 at the Crane Elementary School (PBS# 8-013374) for testing conducted on July 13, 2005, is being returned to you unprocessed. Be advised that in accordance with 6NYCRR Part 613.5(a) (4) (i), a test report must be sent by the owner or the technician to the Department no later than 30 days after performance of the test, and must include all of that information contained in 6NYCRR Part 613.5(a) (4) (ii). You submitted only Page 1 of 3 of the report and that page does not include all of the required information. In addition, you are in violation of failing to submit the test report in a timely manner. To correct these violations, submit a complete test report for the tank system (both tank and associated underground piping) no later than 15 days from the date of this notice.

Mr. Stanley Polmateer

Page 2

January 5, 2006

Based on the photographs of the recently installed aboveground day tanks which you submitted with your letter, it does not appear that the fill ports to the tanks have been color coded in accordance with 6NYCRR 613.3(b) and it does not appear that the tanks are labeled in accordance with 6NYCRR Part 613.3(c)(3)(ii). No later than 30 days from the date of this notice, submit photographs to show that the fill ports are properly color coded, and the tanks are properly labeled.

The letter written by Kurt Kubli and dated July 18, 2005 which you previously submitted regarding the as-built plans or drawings and installer statement for new underground tank and piping systems is not sufficient to meet the requirements of 6NYCRR Part 614.7(d). No drawings or plans or contractor statements were submitted with the letter. Although Mr. Kubli states that to the best of his knowledge the tank and piping systems at Sperry, Roth, Fyle and Burger Schools were installed in compliance with the latest codes at that time, he also says he was not the installer. In addition, he makes no mention of Winslow School. It is necessary for you to make additional efforts to secure and submit the required plans or drawings and contractor statements detailed in the Notice of Violations issued to you following the June 2005 inspections. This should be done no later than 30 days from the date of this notice.

Except where a shorter time frame is expressly required, within 30 days from the date of this notice you must submit either documentation that the violations have been corrected or a plan to achieve compliance, as noted above. In accordance with any corrective action plan, you must submit documentation after compliance is achieved.

Violators of any provision of the Petroleum Bulk Storage Law shall be liable for possible civil, administrative and criminal penalties set forth in Article 71 of the Environmental Conservation Law (ECL). Please take notice that the Department is reviewing its options regarding the appropriate enforcement actions, including assessment of penalties, fines and injunctive relief for the violations which have already occurred. Compliance with this notice shall not relieve you of any liability for penalties or other appropriate sanctions for past violations. However, failure to immediately comply could result in a larger penalty than would otherwise be assessed, should you be adjudged to be in violation of the ECL.

Please do not hesitate to contact me at the above address or by telephone at (585) 226-5435 with any questions or comments that you may have.

Sincerely,



Wendy Stevenson  
Environmental Program Specialist I  
Spill Prevention and Bulk Storage

Enclosures:

PBS Registration Forms received 12/30/05  
PBS Registration Forms and Instructions  
Facility Information Reports  
Tank Tightness Test Report



**PETROLEUM BULK STORAGE APPLICATION**

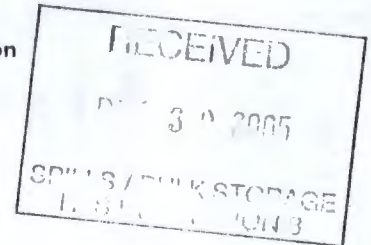
Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



<p>PBS NUMBER <b>8-013420</b></p> <p>Indicate other existing DEC Numbers, if any, for this facility:</p> <p>CBS Number</p> <p>SPDES Number</p>	<b>FACILITY</b>	<p>FACILITY NAME <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b></p> <p>LOCATION (Not P.O. Boxes) <b>ROTH MIDDLE SCHOOL</b></p> <p>LOCATION (Continued) <b>4000 EAST HENRIETTA ROAD</b></p> <p>CITY/TOWN/VILLAGE <b>HENRIETTA</b></p> <p>STATE <b>NY</b></p> <p>ZIP CODE <b>14467</b></p> <p>COUNTY <b>MONROE</b></p> <p>TOWNSHIP OR CITY <b>HENRIETTA</b></p> <p>NAME OF OPERATOR AT FACILITY <b>John DREHER</b></p> <p>FACILITY TELEPHONE NUMBER <b>(585) 355-5116</b></p> <p>EMERGENCY CONTACT NAME <b>S. W. POLMATEER</b></p> <p>EMERGENCY TELEPHONE NO. <b>(585) 355-5385</b></p>	<p><b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply)</p> <p>A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor</p> <p>B. <input type="checkbox"/> Retail Gasoline Sales</p> <p>C. <input type="checkbox"/> Other Retail Sales</p> <p>D. <input type="checkbox"/> Manufacturing</p> <p>E. <input type="checkbox"/> Utility</p> <p>F. <input type="checkbox"/> Trucking/Transportation</p> <p>G. <input type="checkbox"/> Apartment Building</p> <p>H. <input checked="" type="checkbox"/> School</p> <p>I. <input type="checkbox"/> Farm</p> <p>J. <input type="checkbox"/> Private Residence</p> <p>K. <input type="checkbox"/> Airline (Air Taxi)</p> <p>L. <input type="checkbox"/> Other (Specify Below)</p>																
<p>TRANSACTION TYPE (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee.</p> <p>1 <input type="checkbox"/> New Facility</p> <p>2 <input type="checkbox"/> Change of Ownership</p> <p>3 <input type="checkbox"/> Substantial Tank Modification</p> <p>4 <input checked="" type="checkbox"/> Information Correction</p> <p>5 <input type="checkbox"/> Renewal</p>	<b>OWNER</b>	<p>OWNER NAME <b>RUSH HENRIETTA CENTRAL SCHOOLS</b></p> <p>ADDRESS (Street and/or PO Box) <b>2034 LENISH STATION ROAD</b></p> <p>CITY <b>HENRIETTA</b></p> <p>STATE <b>NY</b></p> <p>ZIP CODE <b>14467</b></p> <p>FEDERAL TAX ID NUMBER <b>16-6002034</b></p> <p>OWNER TELEPHONE NUMBER <b>(585) 355-5000</b></p> <p>TYPE OF OWNER (Check only one)</p> <p>1 <input type="checkbox"/> Private Resident    2 <input type="checkbox"/> State Government    3 <input checked="" type="checkbox"/> Local Government</p> <p>4 <input type="checkbox"/> Federal Government    5 <input type="checkbox"/> Corporate/Commercial</p>	<p>I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;">NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b></td> <td style="width:20%;">AMOUNT ENCLOSED <b>\$</b></td> </tr> <tr> <td>TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b></td> <td>DATE <b>12/23/05</b></td> </tr> <tr> <td colspan="2">SIGNATURE <i>Stanley W. Polmateer</i></td> </tr> </table>	NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b>	AMOUNT ENCLOSED <b>\$</b>	TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b>	DATE <b>12/23/05</b>	SIGNATURE <i>Stanley W. Polmateer</i>											
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SIGNATURE <i>Stanley W. Polmateer</i>																			
<p>Geographical Locator for this Facility: (If known)</p> <p>LATITUDE:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%; height: 20px;">       </td> <td style="width:25%; height: 20px;">       </td> <td style="width:25%; height: 20px;">       </td> <td style="width:25%; height: 20px;">       </td> </tr> <tr> <td>DEG</td> <td>MIN</td> <td>SEC</td> <td></td> </tr> </table> <p>LONGITUDE:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%; height: 20px;">       </td> <td style="width:25%; height: 20px;">       </td> <td style="width:25%; height: 20px;">       </td> <td style="width:25%; height: 20px;">       </td> </tr> <tr> <td>DEG</td> <td>MIN</td> <td>SEC</td> <td></td> </tr> </table>					DEG	MIN	SEC						DEG	MIN	SEC		<b>CORRESPONDENCE</b>	<p>ATTENTION <b>STANLEY W. POLMATEER</b></p> <p>NAME OF COMPANY <b>RUSH HENRIETTA CENTRAL SCHOOL</b></p> <p>ADDRESS <b>2034 LENISH STATION ROAD</b></p> <p>ADDRESS</p> <p>CITY/STATE/ZIP CODE <b>HENRIETTA, NY 14467</b></p> <p>TELEPHONE NUMBER <b>(585) 355-5385</b></p>	<p><b>OFFICIAL USE ONLY</b></p> <p>Page _____ of _____</p> <p>Date Received: ___/___/___</p> <p>Date Processed: ___/___/___</p> <p>Amount Received \$ _____</p> <p>Reviewed By: _____</p>
DEG	MIN	SEC																	
DEG	MIN	SEC																	









**PETROLEUM BULK STORAGE APPLICATION**

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



PBS NUMBER  
**8-013447**

Indicate other existing DEC Numbers, if any, for this facility:

CBS Number

SPDES Number

FACILITY

FACILITY NAME  
**RUSH HENRIETTA CENTRAL SCHOOL DISTRICT**

LOCATION (Not P.O. Boxes)  
**HEAVY BURGER SCHOOL**

LOCATION (Continued)  
**639 ERIE STATION ROAD**

CITY/TOWN/VILLAGE  
**WEST HENRIETTA**

STATE  
**NY**

ZIP CODE  
**14586**

COUNTY  
**MONROE**

TOWNSHIP OR CITY  
**HENRIETTA**

NAME OF OPERATOR AT FACILITY  
**TOM DEMERSMAN**

FACILITY TELEPHONE NUMBER  
**(585) 5116**

EMERGENCY CONTACT NAME  
**S W POLMATEER**

EMERGENCY TELEPHONE NO.  
**(585) 359-5385**

TRANSACTION TYPE  
(Check all that apply)  
NOTE: Transaction Types 1, 2 and 5 may require a fee

1  Initial/  
New Facility

2  Change of  
Ownership

3  Substantial  
Tank Modification

4  Information  
Correction

5  Renewal

OWNER

OWNER NAME  
**RUSH HENRIETTA CENTRAL SCHOOL**

ADDRESS (Street and/or PO Box)  
**2034 LEHIGH STATION ROAD**

CITY  
**HENRIETTA**

STATE  
**NY**

ZIP CODE  
**14467**

FEDERAL TAX ID NUMBER  
**16-6002034**

OWNER TELEPHONE NUMBER  
**(585) 359-5000**

TYPE OF OWNER (Check only one)  
1  Private Resident 2  State Government 3  Local Government  
4  Federal Government 5  Corporate/Commercial

TYPE OF PETROLEUM FACILITY:  
(Check all that apply)

A.  Storage Terminal/Petroleum Distributor  
B.  Retail Gasoline Sales  
C.  Other Retail Sales  
D.  Manufacturing  
E.  Utility  
F.  Trucking/Transportation  
G.  Apartment Building  
H.  School  
I.  Farm  
J.  Private Residence  
K.  Airline (Air Taxi)  
L.  Other (Specify Below)

RECEIVED  
DEC 23 2005  
SPILL/BULK STORAGE  
1585-226-2466

I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b>	AMOUNT ENCLOSED <b>\$</b>
TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b>	
SIGNATURE <b>Stanley W. Polmateer</b>	DATE <b>12/23/05</b>

Geographical Locator for this Facility: (If known)

LATITUDE:

DEG	MIN	SEC	

LONGITUDE:

DEG	MIN	SEC	

CORRESPONDENCE

ATTENTION  
**STANLEY W. POLMATEER**

NAME OF COMPANY  
**RUSH HENRIETTA CENTRAL SCHOOL**

ADDRESS  
**2034 LEHIGH STATION ROAD**

ADDRESS  
**HENRIETTA, NY**

CITY/STATE/ZIP CODE  
**HENRIETTA, NY 14467**

TELEPHONE NUMBER  
**(585) 359-5385**

OFFICIAL USE ONLY

Page \_\_\_\_\_ of \_\_\_\_\_

Date Received: \_\_\_/\_\_\_/\_\_\_

Date Processed: \_\_\_/\_\_\_/\_\_\_

Amount Received \$ \_\_\_\_\_

Reviewed By: \_\_\_\_\_



PBS NUMBER:

8-013447

Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date			Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection			Tank External Protection	Piping Location			Piping Internal Protection	Piping External Protection	Secondary Containment	Leak Detection	Spill/Overfill Prevention	Dispenser	Last Test Date (Underground Tanks)		
				(MO)	(DD)	(YR)				(MO)	(DD)	(YR)		(MO)	(DD)	(YR)									
	002	4	1	08/01/1983		10,000	3	5	0	0	2	4	0	5	2	4	1	5	3	2					
	003	2	3	10/28/2005		275	3	1	0	0	1	1	0	0	0	0	3			3					
	004	2	1	12/30/2005		200	3	1	0	0	1	1	0	0	2	4	2			2					

RECEIVED  
8 2005  
SOIL STORAGE  
118

KEY FOR SECTION B ACTION

- Initial Listing
- Add Tank
- Close/Remove Tank
- Information Correction
- Recondition/Repair/Reline Tank

TANK LOCATION

- Aboveground
- Aboveground on saddles, legs, stilts, rack, or cradle
- Aboveground: 10% or more below ground
- Underground
- Underground, vaulted, with access

STATUS

- In-service
- Temporarily out-of-service
- Closed—Removed
- Closed—In Place
- Tank Converted to Non-Regulated Use

PRODUCT STORED

- Empty
- Leaded Gasoline
- Unleaded Gasoline
- Nos. 1, 2, or 4 Fuel Oil
- Nos. 5 or 6 Fuel Oil
- Kerosene
- Diesel
- Lube Oil
- Used Oil (fuel)
- Used Oil
- Other\*

TANK TYPE

- Steel/Carbon Steel
- Stainless Steel Alloy
- Concrete
- Fiberglass Coated Steel
- Fiberglass Reinforced Plastic (FRP)
- Equivalent Technology
- Other\*

PIPING TYPE

- None
- Steel/Iron
- Galvanized Steel
- Fiberglass (FRP)
- Copper
- Other\*

INTERNAL PROTECTION: Tank/Piping

- None
- Epoxy Liner
- Rubber Liner
- Fiberglass Liner (FRP)
- Glass Liner
- Other\*

EXTERNAL PROTECTION: Tank/Piping

- None
- Painted/Asphalt Coating
- Sacrificial Anode
- Impressed Current
- Fiberglass
- Jacketed
- Wrapped (Piping)
- Other\*

PIPING LOCATION

- None
- Aboveground
- Underground
- Aboveground/Underground Combination

SECONDARY CONTAINMENT

- None
- Vault
- Double-Walled Tank
- Excavation Liner
- Cut-off Walls
- Impervious Underlayment
- Earthen Dike
- Prefabricated Steel Dike
- Concrete Dike
- Synthetic Liner
- Natural Liner
- Other\*

LEAK DETECTION

- None
- Interstitial Monitoring
- Vapor Well
- Groundwater Well
- In-Tank System
- Concrete Pad w/channels
- Double Bottom
- Other\*

SPILL/OVERFILL PREVENTION

- None
- Float Vent Valve
- High Level Alarm
- Automatic Shut-off
- Product Level Gauge
- Catch Basin
- Vent Whistle
- Other\*

DISPENSER

- Submersible
- Suction
- Gravity

\* If other, please list on separate sheet including Tank Number



Please Type or Print Clearly  
and Complete All Items

**PETROLEUM BULK STORAGE APPLICATION**  
Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

**SECTION A—See Instructions on Cover Sheet**



PBS NUMBER <b>8-013439</b>  Indicate other existing DEC Numbers, if any, for this facility:  CBS Number  SPDES Number	<b>FACILITY</b>	FACILITY NAME <b>RUSH HENRIETTA CENTRAL SCHOOLS</b> LOCATION (Not P.O. Boxes)		<b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply)	
		LOCATION (Continued) <b>LEARY ELEMENTARY SCHOOL</b> <b>5509 EAST HENRIETTA ROAD</b> CITY/TOWN/VILLAGE STATE ZIP CODE <b>RUSH NY 14543</b> COUNTY TOWNSHIP OR CITY <b>MONROE RUSH</b>		A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)	
TRANSACTION TYPE (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee.  1 <input type="checkbox"/> New Facility  Change of 2 <input type="checkbox"/> Ownership  Substantial 3 <input type="checkbox"/> Tank Modification  Information 4 <input checked="" type="checkbox"/> Correction  5 <input type="checkbox"/> Renewal	<b>OWNER</b>	NAME OF OPERATOR AT FACILITY FACILITY TELEPHONE NUMBER <b>CONNIE DEMERSMAN (585) 359-5472</b> EMERGENCY CONTACT NAME EMERGENCY TELEPHONE NO. <b>STANLEY W. POLMATEER (585) 359-5385</b>		I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.  NAME OF OWNER OR AUTHORIZED REPRESENTATIVE AMOUNT ENCLOSED <b>STANLEY W. POLMATEER \$</b> TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b> SIGNATURE DATE <b>Stanley W. Polmateer 12/23/05</b>	
		OWNER NAME <b>RUSH HENRIETTA CENTRAL SCHOOL</b> ADDRESS (Street and/or PO Box) <b>2034 LEHIGH STATION ROAD</b> CITY STATE ZIP CODE <b>HENRIETTA NY 14467</b> FEDERAL TAX ID NUMBER OWNER TELEPHONE NUMBER <b>16-6002034 (585) 359-5000</b>			
Geographical Locator for this Facility: (If known)  LATITUDE: DEG MIN SEC  LONGITUDE: DEG MIN SEC	<b>CORRESPONDENCE</b>	ATTENTION <b>STANLEY W. POLMATEER</b> NAME OF COMPANY <b>RUSH HENRIETTA CENTRAL SCHOOLS</b> ADDRESS <b>2034 LEHIGH STATION ROAD</b> ADDRESS  CITY/STATE/ZIP CODE <b>HENRIETTA NY 14467</b> TELEPHONE NUMBER <b>(585) 359-5385</b>		OFFICIAL USE ONLY  Page _____ of _____ Date Received: ___/___/___ Date Processed: ___/___/___ Amount Received \$ _____ Reviewed By: _____	

RECEIVED  
 DEC 30 2005  
 SPILLS/DIESEL STORAGE  
 NYS DEPARTMENT 8



PBS NUMBER  
8-013439

Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date			Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection	Piping Location			Piping External Protection	Secondary Containment	Leak Detection			Spill/Overfill Prevention	Dispenser	Lost Test Date (Underground Tanks)			
				(MO)	(DD)	(YR)					(MO)	(DD)	(YR)			(MO)	(DD)	(YR)						
	001	4	1	08	01	1998	10,000	3	5	3	4	2	3	3	4	2	1	4	2	3	2			

RECEIVED  
JUN 10 1998  
SPILL BULK STORAGE  
INSTANT 1078

KEY FOR SECTION B ACTION

- Initial Listing
- Add Tank
- Close/Remove Tank
- Information Correction
- Recondition/Repair/Reline Tank

- TANK LOCATION
- Aboveground
  - Aboveground on saddles, legs, stilts, rack, or cradle
  - Aboveground: 10% or more below ground
  - Underground
  - Underground, vaulted, with access

- STATUS
- In-service
  - Temporarily out-of-service
  - Closed—Removed
  - Closed—In Place
  - Tank Converted to Non-Regulated Use
- PRODUCT STORED
- Empty
  - Leaded Gasoline
  - Unleaded Gasoline
  - Nos. 1, 2, or 4 Fuel Oil
  - Nos. 5 or 6 Fuel Oil
  - Kerosene
  - Diesel
  - Lube Oil
  - Used Oil (fuel)
  - Used Oil
  - Other\*

- TANK TYPE
- Steel/Carbon Steel
  - Stainless Steel Alloy
  - Concrete
  - Fiberglass Coated Steel
  - Fiberglass Reinforced Plastic (FRP)
  - Equivalent Technology
  - Other\*
- PIPING TYPE
- None
  - Steel/Iron
  - Galvanized Steel
  - Fiberglass (FRP)
  - Copper
  - Other\*

- INTERNAL PROTECTION: Tank/Piping
- None
  - Epoxy Liner
  - Rubber Liner
  - Fiberglass Liner (FRP)
  - Glass Liner
  - Other\*
- EXTERNAL PROTECTION: Tank/Piping
- None
  - Painted/Asphalt Coating
  - Sacrificial Anode
  - Impressed Current
  - Fiberglass
  - Jacketed
  - Wrapped (Piping)
  - Other\*

- PIPING LOCATION
- None
  - Aboveground
  - Underground
  - Aboveground/Underground Combination
- SECONDARY CONTAINMENT
- None
  - Vault
  - Double-Walled Tank
  - Excavation Liner
  - Cut-off Walls
  - Impervious Underlayment
  - Earthen Dike
  - Prefabricated Steel Dike
  - Concrete Dike
  - A. Synthetic Liner
  - B. Natural Liner
  - Other\*

- LEAK DETECTION
- None
  - Interstitial Monitoring
  - Vapor Well
  - Groundwater Well
  - In-Tank System
  - Concrete Pad w/channels
  - Double Bottom
  - Other\*

- SPILL/OVERFILL PREVENTION
- None
  - Flood Vent Valve
  - High Level Alarm
  - Automatic Shut-off
  - Product Level Gauge
  - Catch Basin
  - Vent Whistle
  - Other\*

- DISPENSER
- Submersible
  - Suction
  - Gravity

\* If other, please list on separate sheet including Tank Number



**PETROLEUM BULK STORAGE APPLICATION**

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



<p>PBS NUMBER <b>8-013358</b></p> <p>Indicate other existing DEC Numbers, if any, for this facility:</p> <p>CBS Number _____</p> <p>SPDES Number _____</p>	<b>F A C I L I T Y</b>	<p>FACILITY NAME <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b></p> <p>LOCATION (Not P.O. Boxes)</p> <p><b>SHERMAN ELEMENTARY</b></p> <p>LOCATION (Continued)</p> <p><b>50 ALTHOUS AVENUE</b></p> <p>CITY/TOWN/VILLAGE      STATE      ZIP CODE</p> <p><b>HENRIETTA      NY      14467</b></p> <p>COUNTY      TOWNSHIP OR CITY</p> <p><b>MONROE      HENRIETTA</b></p> <p>NAME OF OPERATOR AT FACILITY      FACILITY TELEPHONE NUMBER</p> <p><b>ROCKWOOD CHAMBERS      (585) 359-5502</b></p> <p>EMERGENCY CONTACT NAME      EMERGENCY TELEPHONE NO.</p> <p><b>S.W. POLMATEER      (585) 359-5385</b></p>	<p><b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply)</p> <p>A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p style="text-align: center; font-weight: bold;">RECEIVED</p> <p style="text-align: center;">DEC 30 2005</p> <p style="text-align: center;">SPILL/BULK STORAGE INVESTIGATION</p> </div>																																								
<p>TRANSACTION TYPE (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee</p> <p>1 <input type="checkbox"/> New Facility</p> <p>2 <input type="checkbox"/> Change of Ownership</p> <p>3 <input type="checkbox"/> Substantial Tank Modification</p> <p>4 <input checked="" type="checkbox"/> Information Correction</p> <p>5 <input type="checkbox"/> Renewal</p>	<b>O W N E R</b>	<p>OWNER NAME <b>RUSH HENRIETTA CENTRAL SCHOOL</b></p> <p>ADDRESS (Street and/or PO Box)</p> <p><b>2034 LEHIGH STATION ROAD</b></p> <p>CITY      STATE      ZIP CODE</p> <p><b>HENRIETTA      NY      14467</b></p> <p>FEDERAL TAX ID NUMBER      OWNER TELEPHONE NUMBER</p> <p><b>16-6002034      (585) 359-5385</b></p> <p>TYPE OF OWNER (Check only one)</p> <p>1 <input type="checkbox"/> Private Resident    2 <input type="checkbox"/> State Government    3 <input checked="" type="checkbox"/> Local Government</p> <p>4 <input type="checkbox"/> Federal Government    5 <input type="checkbox"/> Corporate/Commercial</p>	<p>I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%; border-bottom: 1px solid black;">NAME OF OWNER OR AUTHORIZED REPRESENTATIVE</td> <td style="width:20%; border-bottom: 1px solid black;">AMOUNT ENCLOSED</td> </tr> <tr> <td style="border-bottom: 1px solid black;"><b>STANLEY W. POLMATEER</b></td> <td style="border-bottom: 1px solid black;">\$</td> </tr> <tr> <td colspan="2">TITLE</td> </tr> <tr> <td style="border-bottom: 1px solid black;"><b>DIRECTOR OF SCHOOL FACILITIES</b></td> <td style="border-bottom: 1px solid black;">DATE</td> </tr> <tr> <td style="border-bottom: 1px solid black;">SIGNATURE <b>Stanley W. Polmateer</b></td> <td style="border-bottom: 1px solid black;"><b>12/23/05</b></td> </tr> </table>	NAME OF OWNER OR AUTHORIZED REPRESENTATIVE	AMOUNT ENCLOSED	<b>STANLEY W. POLMATEER</b>	\$	TITLE		<b>DIRECTOR OF SCHOOL FACILITIES</b>	DATE	SIGNATURE <b>Stanley W. Polmateer</b>	<b>12/23/05</b>																														
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<b>DIRECTOR OF SCHOOL FACILITIES</b>	DATE																																										
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<p>Geographical Locator for this Facility: (If known)</p> <p>LATITUDE:</p> <table style="width:100%; text-align: center;"> <tr> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> </tr> <tr> <td>DEG</td> <td>MIN</td> <td>SEC</td> <td colspan="7"></td> </tr> </table> <p>LONGITUDE:</p> <table style="width:100%; text-align: center;"> <tr> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> <td style="border-bottom: 1px solid black; width: 20px;"> </td> </tr> <tr> <td>DEG</td> <td>MIN</td> <td>SEC</td> <td colspan="7"></td> </tr> </table>											DEG	MIN	SEC																		DEG	MIN	SEC								<b>C O R R E S P O N D E N C E</b>	<p>ATTENTION <b>STANLEY W. POLMATEER</b></p> <p>NAME OF COMPANY <b>RUSH HENRIETTA CENTRAL SCHOOL</b></p> <p>ADDRESS <b>2034 LEHIGH STATION ROAD</b></p> <p>CITY/STATE/ZIP CODE <b>HENRIETTA, NY 14467</b></p> <p>TELEPHONE NUMBER <b>(585) 359-5385</b></p>	<p style="text-align: center;"><b>OFFICIAL USE ONLY</b></p> <p>Page _____ of _____</p> <p>Date Received: ___/___/___</p> <p>Date Processed: ___/___/___</p> <p>Amount Received \$ _____</p> <p>Reviewed By: _____</p>
DEG	MIN	SEC																																									
DEG	MIN	SEC																																									



PBS NUMBER

8-013358

Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date			Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection	Tank External Protection	Piping Location	Piping Type	Piping Internal Protection	Piping External Protection	Secondary Containment	Leak Detection	Spill/Overfill Prevention	Dispenser	Last Test Date (Underground Tanks)				
				(MO)	(DD)	(YR)														(MO)	(DD)	(YR)		
	001	4	1	08	01	1996	10,000	3	5	0	4	2	4	0	4	2	1	4	2	5	2			
	002	3	3	10	25	2005	275	3	1	0	0	1	1	0	0	0	0	2			3			
	003	2	1	12	30	2005	200	3	1	0	0	1	1	0	0	2	4	2			2			

RECEIVED  
 11-30-05  
 OILS BULK STORAGE  
 11-30-05

KEY FOR SECTION B ACTION

- Initial Listing
- Add Tank
- Close/Remove Tank
- Information Correction
- Recondition/Repair/Reline Tank

TANK LOCATION

- Aboveground
- Aboveground on saddles, legs, stilts, rack, or cradle
- Aboveground: 10% or more below ground
- Underground
- Underground, vaulted, with access

STATUS

- In-service
- Temporarily out-of-service
- Closed—Removed
- Closed—In Place
- Tank Converted to Non-Regulated Use

PRODUCT STORED

- Empty
- Leaded Gasoline
- Unleaded Gasoline
- Nos. 1, 2, or 4 Fuel Oil
- Nos. 5 or 6 Fuel Oil
- Kerosene
- Diesel
- Lube Oil
- Used Oil (fuel)
- Used Oil
- Other\*

TANK TYPE

- Steel/Carbon Steel
- Stainless Steel Alloy
- Concrete
- Fiberglass Coated Steel
- Fiberglass Reinforced Plastic (FRP)
- Equivalent Technology
- Other\*

PIPING TYPE

- None
- Steel/Iron
- Galvanized Steel
- Fiberglass (FRP)
- Copper
- Other\*

INTERNAL PROTECTION: Tank/Piping

- None
- Epoxy Liner
- Rubber Liner
- Fiberglass Liner (FRP)
- Glass Liner
- Other\*

EXTERNAL PROTECTION: Tank/Piping

- None
- Painted/Asphalt Coating
- Sacrificial Anode
- Impressed Current
- Fiberglass
- Jacketed
- Wrapped (Piping)
- Other\*

\* If other, please list on separate sheet including Tank Number

PIPING LOCATION

- None
- Aboveground
- Underground
- Aboveground/Underground Combination

SECONDARY CONTAINMENT

- None
- Vault
- Double-Walled Tank
- Excavation Liner
- Cut-off Walls
- Impervious Underlayment
- Earthen Dike
- Prefabricated Steel Dike
- Concrete Dike
- Synthetic Liner
- Natural Liner
- Other\*

LEAK DETECTION

- None
- Interstitial Monitoring
- Vapor Well
- Groundwater Well
- In-Tank System
- Concrete Pad w/channels
- Double Bottom
- Other\*

SPILL/OVERFILL PREVENTION

- None
- Floater Vent Valve
- High Level Alarm
- Automatic Shut-off
- Product Level Gauge
- Catch Basin
- Vent Whistle
- Other\*

DISPENSER

- Submersible
- Suction
- Gravity



**PETROLEUM BULK STORAGE APPLICATION**

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



<p><b>PBS NUMBER</b> <u>8-013455</u></p> <p>Indicate other existing DEC Numbers, if any, for this facility:</p> <p><b>CBS Number</b></p> <p><b>SPDES Number</b></p>	<b>F A C I L I T Y</b>	<p><b>FACILITY NAME</b> <u>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</u></p> <p><b>LOCATION (Not P.O. Boxes)</b> <u>VOLLMAN ELEMENTARY SCHOOL</u></p> <p><b>LOCATION (Continued)</b> <u>150 TELEPHONE ROAD</u></p> <p><b>CITY/TOWN/VILLAGE</b> <u>WEST HENRIETTA</u> <b>STATE</b> <u>NY</u> <b>ZIP CODE</b> <u>14586</u></p> <p><b>COUNTY</b> <u>MONROE</u> <b>TOWNSHIP OR CITY</b> <u>HENRIETTA</u></p> <p><b>NAME OF OPERATOR AT FACILITY</b> <u>MICHELLE MARTIN</u> <b>FACILITY TELEPHONE NUMBER</b> <u>(585) 359-5022 7987</u></p> <p><b>EMERGENCY CONTACT NAME</b> <u>S.W. POLMATEEN</u> <b>EMERGENCY TELEPHONE NO.</b> <u>(585) 359-5385</u></p>	<p><b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply)</p> <p>A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p style="text-align: center; font-weight: bold;">RECEIVED</p> <p style="text-align: center;">DEC 30 2005</p> <p style="text-align: center; font-size: small;">SPDES/BULK STORAGE REGISTRATION</p> </div>																
<p><b>TRANSACTION TYPE</b> (Check all that apply) <b>NOTE:</b> Transaction Types 1, 2 and 5 may require a fee</p> <p>1 <input type="checkbox"/> Initial/ New Facility</p> <p>2 <input type="checkbox"/> Change of Ownership</p> <p>3 <input type="checkbox"/> Substantial Tank Modification</p> <p>4 <input checked="" type="checkbox"/> Information Correction</p> <p>5 <input type="checkbox"/> Renewal</p>	<b>O W N E R</b>	<p><b>OWNER NAME</b> <u>RUSH HENRIETTA CENTRAL SCHOOL</u></p> <p><b>ADDRESS (Street and/or PO Box)</b> <u>2034 LEHIGH STATION ROAD</u></p> <p><b>CITY</b> <u>HENRIETTA</u> <b>STATE</b> <u>NY</u> <b>ZIP CODE</b> <u>14467</u></p> <p><b>FEDERAL TAX ID NUMBER</b> <u>16-6002034</u> <b>OWNER TELEPHONE NUMBER</b> <u>(585) 359-5385</u></p> <p><b>TYPE OF OWNER (Check only one)</b></p> <p>1 <input type="checkbox"/> Private Resident    2 <input type="checkbox"/> State Government    3 <input checked="" type="checkbox"/> Local Government</p> <p>4 <input type="checkbox"/> Federal Government    5 <input type="checkbox"/> Corporate/Commercial</p>	<p>I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"><b>NAME OF OWNER OR AUTHORIZED REPRESENTATIVE</b></td> <td style="width:20%;"><b>AMOUNT ENCLOSED</b></td> </tr> <tr> <td><u>STANLEY W. POLMATEEN</u></td> <td style="text-align: center;">\$</td> </tr> <tr> <td><b>TITLE</b></td> <td></td> </tr> <tr> <td><u>DIRECTOR OF SCHOOL FACILITIES</u></td> <td></td> </tr> <tr> <td><b>SIGNATURE</b></td> <td><b>DATE</b></td> </tr> <tr> <td><u>Stanley W. Polmateen</u></td> <td><u>12/23/05</u></td> </tr> </table>	<b>NAME OF OWNER OR AUTHORIZED REPRESENTATIVE</b>	<b>AMOUNT ENCLOSED</b>	<u>STANLEY W. POLMATEEN</u>	\$	<b>TITLE</b>		<u>DIRECTOR OF SCHOOL FACILITIES</u>		<b>SIGNATURE</b>	<b>DATE</b>	<u>Stanley W. Polmateen</u>	<u>12/23/05</u>				
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DEG	MIN	SEC																	
DEG	MIN	SEC																	



PBS NUMBER

8-013455

Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date			Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection	Tank External Protection	Piping Location			Piping External Protection	Secondary Containment	Leak Detection	Spill/Overfill Prevention	Dispenser	Last Test Date (Underground Tanks)		
				(MO)	(DD)	(YR)						(MO)	(DD)	(YR)								
3	002	4	1	10/01/1997		10,000	3	5	0	4	2	3	0	4	2	1	3	5	2			
	<del>003</del>	<del>2</del>	<del>1</del>	<del>11/30/2005</del>		<del>200</del>																
	003	2	3	10/25/2005		275	3	1	0	0	1	1	0	0	0	0	2	3				
	004	2	1	12/30/2005		200	3	1	0	0	1	1	0	0	2	4	2	2				

RECEIVED  
OCT 10 2005  
SPILL PREVENTION PAGE  
1-11-05

KEY FOR SECTION B ACTION

- Initial Listing
  - Add Tank
  - Close/Remove Tank
  - Information Correction
  - Recondition/Repair/Reline Tank
- TANK LOCATION**
- Aboveground
  - Aboveground on saddles, legs, stilts, rack, or cradle
  - Aboveground: 10% or more below ground
  - Underground
  - Underground, vaulted, with access

- \* STATUS**
- In-service
  - Temporarily out-of-service
  - Closed—Removed
  - Closed—In Place
  - Tank Converted to Non-Regulated Use
- PRODUCT STORED**
- Empty
  - Leaded Gasoline
  - Unleaded Gasoline
  - Nos. 1, 2, or 4 Fuel Oil
  - Nos. 5 or 6 Fuel Oil
  - Kerosene
  - Diesel
  - Lube Oil
  - Used Oil (fuel)
  - Used Oil
  - Other\*

- TANK TYPE**
- Steel/Carbon Steel
  - Stainless Steel Alloy
  - Concrete
  - Fiberglass Coated Steel
  - Fiberglass Reinforced Plastic (FRP)
  - Equivalent Technology
  - Other\*
- PIPING TYPE**
- None
  - Steel/Iron
  - Galvanized Steel
  - Fiberglass (FRP)
  - Copper
  - Other\*

- INTERNAL PROTECTION: Tank/Piping**
- None
  - Epoxy Liner
  - Rubber Liner
  - Fiberglass Liner (FRP)
  - Glass Liner
  - Other\*
- EXTERNAL PROTECTION: Tank/Piping**
- None
  - Painted/Asphalt Coating
  - Sacrificial Anode
  - Impressed Current
  - Fiberglass
  - Jacketed
  - Wrapped (Piping)
  - Other\*

- PIPING LOCATION**
- None
  - Aboveground
  - Underground
  - Aboveground/Underground Combination
- SECONDARY CONTAINMENT**
- None
  - Vault
  - Double-Walled Tank
  - Excavation Liner
  - Cut-off Walls
  - Impervious Underlayment
  - Earthen Dike
  - Prefabricated Steel Dike
  - Concrete Dike
  - Synthetic Liner
  - Natural Liner
  - Other\*

- LEAK DETECTION**
- None
  - Interstitial Monitoring
  - Vapor Well
  - Groundwater Well
  - In-Tank System
  - Concrete Pad w/channels
  - Double Bottom
  - Other\*

- SPILL/OVERFILL PREVENTION**
- None
  - Float Vent Valve
  - High Level Alarm
  - Automatic Shut-off
  - Product Level Gauge
  - Catch Basin
  - Vent Whistle
  - Other\*
- DISPENSER**
- Submersible
  - Suction
  - Gravity

\* If other, please list on separate sheet including Tank Number



**PETROLEUM BULK STORAGE APPLICATION**

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



<p><b>PBS NUMBER</b> 8-013404</p> <p>Indicate other existing DEC Numbers, if any, for this facility:</p> <p><b>CBS Number</b></p> <p><b>SPDES Number</b></p>	<b>F A C I L I T Y</b>	<p><b>FACILITY NAME</b> RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</p> <p><b>LOCATION (Not P.O. Boxes)</b> CARLTON WEBSTER BUILDING/NINTH GRADE ACADEMY</p> <p><b>LOCATION (Continued)</b> 2000 LEHIGH STATION ROAD</p> <p><b>CITY/TOWN/VILLAGE</b> HENRIETTA <b>STATE</b> NY <b>ZIP CODE</b> 14467</p> <p><b>COUNTY</b> MONROE <b>TOWNSHIP OR CITY</b> HENRIETTA</p> <p><b>NAME OF OPERATOR AT FACILITY</b> JAMES TAYLOR <b>FACILITY TELEPHONE NUMBER</b> (585) 359-5566</p> <p><b>EMERGENCY CONTACT NAME</b> S.W. POLMATEER <b>EMERGENCY TELEPHONE NO.</b> (585) 359-5385</p>	<p><b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply)</p> <p>A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center; font-weight: bold;">RECEIVED</p> <p style="text-align: center;">DEC 30 2005</p> <p style="text-align: center;">OILS / BULK STORAGE</p> </div>																
<p><b>TRANSACTION TYPE</b> (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee</p> <p>1 <input type="checkbox"/> New Facility</p> <p>2 <input type="checkbox"/> Change of Ownership</p> <p>3 <input type="checkbox"/> Substantial Tank Modification</p> <p>4 <input checked="" type="checkbox"/> Information Correction</p> <p>5 <input type="checkbox"/> Renewal</p>	<b>O W N E R</b>	<p><b>OWNER NAME</b> RUSH HENRIETTA CENTRAL SCHOOL</p> <p><b>ADDRESS (Street and/or PO Box)</b> 2034 LEHIGH STATION ROAD</p> <p><b>CITY</b> HENRIETTA <b>STATE</b> NY <b>ZIP CODE</b> 14467</p> <p><b>FEDERAL TAX ID NUMBER</b> 16-6002034 <b>OWNER TELEPHONE NUMBER</b> (585) 359-5000</p> <p><b>TYPE OF OWNER (Check only one)</b></p> <p>1 <input type="checkbox"/> Private Resident    2 <input type="checkbox"/> State Government    3 <input checked="" type="checkbox"/> Local Government</p> <p>4 <input type="checkbox"/> Federal Government    5 <input type="checkbox"/> Corporate/Commercial</p>	<p>I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"><b>NAME OF OWNER OR AUTHORIZED REPRESENTATIVE</b></td> <td style="width:20%;"><b>AMOUNT ENCLOSED</b></td> </tr> <tr> <td>STANLEY W. POLMATEER</td> <td>\$</td> </tr> <tr> <td colspan="2"><b>TITLE</b></td> </tr> <tr> <td colspan="2">Director of School Facilities</td> </tr> <tr> <td><b>SIGNATURE</b></td> <td><b>DATE</b></td> </tr> <tr> <td>Stanley W. Polmateer</td> <td>12/23/05</td> </tr> </table>	<b>NAME OF OWNER OR AUTHORIZED REPRESENTATIVE</b>	<b>AMOUNT ENCLOSED</b>	STANLEY W. POLMATEER	\$	<b>TITLE</b>		Director of School Facilities		<b>SIGNATURE</b>	<b>DATE</b>	Stanley W. Polmateer	12/23/05				
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DEG	MIN	SEC																	
DEG	MIN	SEC																	



PBS NUMBER  
8-013404

Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date			Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection			Tank External Protection	Piping Location			Piping Internal Protection	Piping External Protection	Secondary Containment	Leak Detection	Spill/Overfill Prevention		Dispenser	Last Test Date (Underground Tanks)		
				(MO)	(DD)	(YR)				(MO)	(DD)	(YR)		(MO)	(DD)	(YR)										
	001	4	1	12/01/1992		10,000	3	4	0	2	4	2	4	0	5	2	1	5	3	2	01/01/1993					
	002	2	3	10/25/2005		275	3	1	0	0	1	1	0	0	0	0	0	2		3						
	003	2	1	14/30/2005		200	3	1	0	0	1	1	0	0	2	4	2		2							

RECEIVED  
FBI  
SPILL PREVENTION

- KEY FOR SECTION B ACTION**
- Initial Listing
  - Add Tank
  - Close/Remove Tank
  - Information Correction
  - Recondition/Repair/Reline Tank
- TANK LOCATION**
- Aboveground
  - Aboveground on saddles, legs, stilts, rack, or cradle
  - Aboveground: 10% or more below ground
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  - Closed—Removed
  - Closed—In Place
  - Tank Converted to Non-Regulated Use
- PRODUCT STORED**
- Empty
  - Leaded Gasoline
  - Unleaded Gasoline
  - Nos. 1, 2, or 4 Fuel Oil
  - Nos. 5 or 6 Fuel Oil
  - Kerosene
  - Diesel
  - Lube Oil
  - Used Oil (fuel)
  - Used Oil
  - Other\*
- TANK TYPE**
- Steel/Carbon Steel
  - Stainless Steel Alloy
  - Concrete
  - Fiberglass Coated Steel
  - Fiberglass Reinforced Plastic (FRP)
  - Equivalent Technology
  - Other\*
- PIPING TYPE**
- None
  - Steel/Iron
  - Galvanized Steel
  - Fiberglass (FRP)
  - Copper
  - Other\*
- INTERNAL PROTECTION: Tank/Piping**
- None
  - Epoxy Liner
  - Rubber Liner
  - Fiberglass Liner (FRP)
  - Glass Liner
  - Other\*
- EXTERNAL PROTECTION: Tank/Piping**
- None
  - Painted/Asphalt Coating
  - Sacrificial Anode
  - Impressed Current
  - Fiberglass
  - Jacketed
  - Wrapped (Piping)
  - Other\*
- PIPING LOCATION**
- None
  - Aboveground
  - Underground
  - Aboveground/Underground Combination
- SECONDARY CONTAINMENT**
- None
  - Vault
  - Double-Walled Tank
  - Excavation Liner
  - Cut-off Walls
  - Impervious Underlayment
  - Earthen Dike
  - Prefabricated Steel Dike
  - Concrete Dike
  - Synthetic Liner
  - Natural Liner
  - Other\*
- LEAK DETECTION**
- None
  - Interstitial Monitoring
  - Vapor Well
  - Groundwater Well
  - In-Tank System
  - Concrete Pad w/channels
  - Double Bottom
  - Other\*
- SPILL/OVERFILL PREVENTION**
- None
  - Flood Vent Valve
  - High Level Alarm
  - Automatic Shut-off
  - Product Level Gauge
  - Catch Basin
  - Vent Whistle
  - Other\*
- DISPENSER**
- Submersible
  - Suction
  - Gravity
- \* If other, please list on separate sheet including Tank Number





NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION

NYSDEC  
6274 East Avon-Lima Road  
Avon NY 14414  
Telephone: 585-226-2466

**PETROLEUM BULK STORAGE APPLICATION**

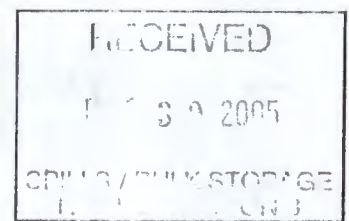
Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



<p>PBS NUMBER <b>8-013412</b></p> <p>Indicate other existing DEC Numbers, if any, for this facility:</p> <p>CBS Number</p> <p>SPDES Number</p>	<b>FACILITY</b>	<p>FACILITY NAME <b>RUSH HENRIETTA CENTRAL SCHOOLS</b></p> <p>LOCATION (Not PO. Boxes) <b>SPEAR HISH SCHOOL</b></p> <p>LOCATION (Continued) <b>1755 LENIH STATION ROAD</b></p> <p>CITY/TOWN/VILLAGE <b>HENRIETTA</b> STATE <b>NY</b> ZIP CODE <b>14467</b></p> <p>COUNTY <b>MOHAWK</b> TOWNSHIP OR CITY <b>HENRIETTA</b></p> <p>NAME OF OPERATOR AT FACILITY <b>DOROTHY DINGHART</b> FACILITY TELEPHONE NUMBER <b>(585) 355-5216</b></p> <p>EMERGENCY CONTACT NAME <b>STANLEY W POLMATEER</b> EMERGENCY TELEPHONE NO. <b>(585) 355-5385</b></p>	<p><b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply)</p> <p>A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)</p>						
<p>TRANSACTION TYPE (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee.</p> <p>1 <input type="checkbox"/> New Facility 2 <input type="checkbox"/> Change of Ownership 3 <input type="checkbox"/> Substantial Tank Modification 4 <input checked="" type="checkbox"/> Information Correction 5 <input type="checkbox"/> Renewal</p>	<b>OWNER</b>	<p>OWNER NAME <b>RUSH HENRIETTA CENTRAL SCHOOL</b></p> <p>ADDRESS (Street and/or PO Box) <b>2034 LENIH STATION ROAD</b></p> <p>CITY <b>HENRIETTA</b> STATE <b>NY</b> ZIP CODE <b>14467</b></p> <p>FEDERAL TAX ID NUMBER <b>16-6202034</b> OWNER TELEPHONE NUMBER <b>(585) 355-5385</b></p> <p>TYPE OF OWNER (Check only one) 1 <input type="checkbox"/> Private Resident 2 <input type="checkbox"/> State Government 3 <input checked="" type="checkbox"/> Local Government 4 <input type="checkbox"/> Federal Government 5 <input type="checkbox"/> Corporate/Commercial</p>	<p>I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;">NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b></td> <td style="width:20%;">AMOUNT ENCLOSED <b>\$</b></td> </tr> <tr> <td colspan="2">TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b></td> </tr> <tr> <td>SIGNATURE <i>Stanley W. Polmateer</i></td> <td>DATE <b>12/23/05</b></td> </tr> </table>	NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b>	AMOUNT ENCLOSED <b>\$</b>	TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b>		SIGNATURE <i>Stanley W. Polmateer</i>	DATE <b>12/23/05</b>
NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b>	AMOUNT ENCLOSED <b>\$</b>								
TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b>									
SIGNATURE <i>Stanley W. Polmateer</i>	DATE <b>12/23/05</b>								
<p>Geographical Locator for this Facility: (If known)</p> <p>LATITUDE: DEG MIN SEC</p> <p>LONGITUDE: DEG MIN SEC</p>	<b>CORRESPONDENCE</b>	<p>ATTENTION <b>STANLEY W POLMATEER</b></p> <p>NAME OF COMPANY <b>RUSH HENRIETTA CENTRAL SCHOOL</b></p> <p>ADDRESS <b>2034 LENIH STATION ROAD</b></p> <p>CITY/STATE/ZIP CODE <b>HENRIETTA, NY 14467</b></p> <p>TELEPHONE NUMBER <b>(585) 355-5385</b></p>	<p><b>OFFICIAL USE ONLY</b></p> <p>Page _____ of _____</p> <p>Date Received: ___/___/___</p> <p>Date Processed: ___/___/___</p> <p>Amount Received \$ _____</p> <p>Reviewed By: _____</p>						





Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date			Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection			Tank External Protection	Piping Location			Piping Internal Protection	Piping External Protection	Secondary Containment	Leak Detection			Spill/Overfill Prevention	Dispenser	Last Test Date (Underground Tanks)		
				(MO)	(DD)	(YR)																				(MO)	(DD)
	003	S	1	11/15/98		10,000	000	04	00	07		06	10				04	01	05	04	02	1/25/2003					
	004	S	1	11/15/98		10,000	000	04	00	07		06	10				04	01	05	04	02	1/25/2003					
	005	2	3	10/28/2005		275	3	1	00			1	1	0			0	0		2	3						
	006	2	1	12/30/2005		275	3	1	00			1	1	00			2	4		2	2						

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WASHINGTON, DC

KEY FOR SECTION B ACTION

- Initial Listing
- Add Tank
- Close/Remove Tank
- Information Correction
- Recondition/Repair/Reline Tank

TANK LOCATION

- Aboveground
- Aboveground on saddles, legs, stilts, rack, or cradle
- Aboveground: 10% or more below ground
- Underground
- Underground, vaulted, with access

STATUS

- In-service
- Temporarily out-of-service
- Closed—Removed
- Closed—In Place
- Tank Converted to Non-Regulated Use

PRODUCT STORED

- Empty
- Leaded Gasoline
- Unleaded Gasoline
- Nos. 1, 2, or 4 Fuel Oil
- Nos. 5 or 6 Fuel Oil
- Kerosene
- Diesel
- Lube Oil
- Used Oil (fuel)
- Used Oil
- Other\*

TANK TYPE

- Steel/Carbon Steel
- Stainless Steel Alloy
- Concrete
- Fiberglass Coated Steel
- Fiberglass Reinforced Plastic (FRP)
- Equivalent Technology
- Other\*

PIPING TYPE

- None
- Steel/Iron
- Galvanized Steel
- Fiberglass (FRP)
- Copper
- Other\*

INTERNAL PROTECTION: Tank/Piping

- None
- Epoxy Liner
- Rubber Liner
- Fiberglass Liner (FRP)
- Glass Liner
- Other\*

EXTERNAL PROTECTION: Tank/Piping

- None
- Painted/Asphalt Coating
- Sacrificial Anode
- Impressed Current
- Fiberglass
- Jacketed
- Wrapped (Piping)
- Other\*

PIPING LOCATION

- None
- Aboveground
- Underground
- Aboveground/Underground Combination

SECONDARY CONTAINMENT

- None
- Vault
- Double-Walled Tank
- Excavation Liner
- Cut-off Walls
- Impervious Underlayment
- Earthen Dike
- Prefabricated Steel Dike
- Concrete Dike
- Synthetic Liner
- Natural Liner
- Other\*

LEAK DETECTION

- None
- Interstitial Monitoring
- Vapor Well
- Groundwater Well
- In-Tank System
- Concrete Pad w/channels
- Double Bottom
- Other\*

SPILL/OVERFILL PREVENTION

- None
- Flood Vent Valve
- High Level Alarm
- Automatic Shut-off
- Product Level Gauge
- Catch Basin
- Vent Whistle
- Other\*

DISPENSER

- Submersible
- Suction
- Gravity

\* If other, please list on separate sheet including Tank Number



**PETROLEUM BULK STORAGE APPLICATION**

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



PBS NUMBER  
**8-013382**

Indicate other existing DEC Numbers, if any, for this facility:

CBS Number

SPDES Number

**FACILITY**

FACILITY NAME  
**RUSH HENRIETTA CENTRAL SCHOOL DISTRICT**

LOCATION (Not P.O. Boxes)  
**WINSLOW ELEMENTARY SCHOOL**

LOCATION (Continued)  
**755 PINNACLE ROAD**

CITY/TOWN/VILLAGE  
**HENRIETTA** STATE  
**NY** ZIP CODE  
**14467**

COUNTY  
**MONROE** TOWNSHIP OR CITY  
**HENRIETTA**

NAME OF OPERATOR AT FACILITY  
**CHRISTOPHER JONES** FACILITY TELEPHONE NUMBER  
**(585) 359-5082**

EMERGENCY CONTACT NAME  
**S. W. POLMATEER** EMERGENCY TELEPHONE NO.  
**(585) 359-5385**

TRANSACTION TYPE  
(Check all that apply)  
NOTE: Transaction Types 1, 2 and 5 may require a fee.

1  Initial/  
New Facility

2  Change of  
Ownership

3  Substantial  
Tank Modification

4  Information  
Correction

5  Renewal

**OWNER**

OWNER NAME  
**RUSH HENRIETTA CENTRAL SCHOOL**

ADDRESS (Street and/or PO Box)  
**2034 LEHIGH STATION ROAD**

CITY  
**HENRIETTA** STATE  
**NY** ZIP CODE  
**14467**

FEDERAL TAX ID NUMBER  
**16-6002034** OWNER TELEPHONE NUMBER  
**(585) 359-5000**

TYPE OF OWNER (Check only one)  
1  Private Resident 2  State Government 3  Local Government  
4  Federal Government 5  Corporate/Commercial

**TYPE OF PETROLEUM FACILITY:**  
(Check all that apply)

A.  Storage Terminal/Petroleum Distributor  
B.  Retail Gasoline Sales  
C.  Other Retail Sales  
D.  Manufacturing  
E.  Utility  
F.  Trucking/Transportation  
G.  Apartment Building  
H.  School  
I.  Farm  
J.  Private Residence  
K.  Airline (Air Taxi)  
L.  Other (Specify Below)

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DEC 29 2005  
SPILLING/BULK STORAGE

I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b>	AMOUNT ENCLOSED <b>\$</b>
TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b>	DATE <b>12/23/05</b>
SIGNATURE <i>Stanley W. Polmateer</i>	

Geographical Locator for this Facility: (If known)

LATITUDE:  
| | | | |  
DEG MIN SEC

LONGITUDE:  
| | | | |  
DEG MIN SEC

**CORRESPONDENCE**

ATTENTION  
**STANLEY W. POLMATEER**

NAME OF COMPANY  
**RUSH HENRIETTA CENTRAL SCHOOL**

ADDRESS  
**2034 LEHIGH STATION ROAD**

ADDRESS

CITY/STATE/ZIP CODE  
**HENRIETTA, NY 14467**

TELEPHONE NUMBER  
**(585) 359-5385**

**OFFICIAL USE ONLY**

Page \_\_\_\_\_ of \_\_\_\_\_

Date Received: \_\_\_/\_\_\_/\_\_\_

Date Processed: \_\_\_/\_\_\_/\_\_\_

Amount Received \$ \_\_\_\_\_

Reviewed By: \_\_\_\_\_









NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION

NYSDEC  
6274 East Avon-Lima Road  
Avon NY 14414  
Telephone: 585-226-2466

**PETROLEUM BULK STORAGE APPLICATION**

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



<p>PBS NUMBER <b>8-013374</b></p> <p>Indicate other existing DEC Numbers, if any, for this facility:</p> <p>CBS Number</p> <p>SPDES Number</p>	<b>FACILITY</b>	<p>FACILITY NAME <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b></p> <p>LOCATION (Not P.O. Boxes) <b>CRANE ELEMENTARY SCHOOL</b></p> <p>LOCATION (Continued) <b>85 SHELDGE DRIVE</b></p> <p>CITY/TOWN/VILLAGE <b>ROCHESTER</b></p> <p>STATE <b>NY</b></p> <p>ZIP CODE <b>14623</b></p> <p>COUNTY <b>MONROE</b></p> <p>TOWNSHIP OR CITY <b>HENRIETTA</b></p> <p>NAME OF OPERATOR AT FACILITY <b>CASEY MCGOWAN</b></p> <p>FACILITY TELEPHONE NUMBER <b>(585) 355-5412</b></p> <p>EMERGENCY CONTACT NAME <b>STANLEY W POLMATEER</b></p> <p>EMERGENCY TELEPHONE NO. <b>(585) 355-5385</b></p>	<p><b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply)</p> <p>A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)</p>																
<p>TRANSACTION TYPE (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee.</p> <p>1 <input type="checkbox"/> New Facility 2 <input type="checkbox"/> Change of Ownership 3 <input type="checkbox"/> Substantial Tank Modification 4 <input checked="" type="checkbox"/> Information Correction 5 <input type="checkbox"/> Renewal</p>	<b>OWNER</b>	<p>OWNER NAME <b>RUSH HENRIETTA CENTRAL SCHOOL</b></p> <p>ADDRESS (Street and/or PO Box) <b>2034 LEHIGH STATION ROAD</b></p> <p>CITY <b>HENRIETTA</b></p> <p>STATE <b>NY</b></p> <p>ZIP CODE <b>14467</b></p> <p>FEDERAL TAX ID NUMBER <b>16-6002034</b></p> <p>OWNER TELEPHONE NUMBER <b>(585) 355-5385</b></p> <p>TYPE OF OWNER (Check only one) 1 <input type="checkbox"/> Private Resident    2 <input type="checkbox"/> State Government    3 <input checked="" type="checkbox"/> Local Government 4 <input type="checkbox"/> Federal Government    5 <input type="checkbox"/> Corporate/Commercial</p>	<p>I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;">NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b></td> <td style="width:20%;">AMOUNT ENCLOSED <b>\$</b></td> </tr> <tr> <td colspan="2">TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b></td> </tr> <tr> <td>SIGNATURE <i>Stanley W. Polmateer</i></td> <td>DATE <b>12/25/05</b></td> </tr> </table>	NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>STANLEY W. POLMATEER</b>	AMOUNT ENCLOSED <b>\$</b>	TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b>		SIGNATURE <i>Stanley W. Polmateer</i>	DATE <b>12/25/05</b>										
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SIGNATURE <i>Stanley W. Polmateer</i>	DATE <b>12/25/05</b>																		
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DEG	MIN	SEC																	
DEG	MIN	SEC																	



PBS NUMBER:

8-013374

Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date			Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection			Tank External Protection		Piping Location		Piping Internal Protection	Piping External Protection	Secondary Containment	Leak Detection	Spill/Overfill Prevention		Dispenser	Last Test Date (Underground Tanks)				
				(MO)	(DD)	(YR)				(MO)	(DD)	(YR)	(MO)	(DD)	(YR)	(MO)					(DD)	(YR)						
	001	5	1	12	11	1973	8,000	002	06	00	00	02	01	00	00	00	00	00	00	01	02							
	002	2	3	10	28	2005	275	3	1	0	0	1	1	0	0	0	0	0	0	0	2	2						
	003	2	1	12	30	2005	200	3	1	0	0	1	1	0	0	2	4	2	2	2	2							

RECEIVED  
DEC 30 2005  
SPILLS/LEAK STORAGE  
TANK INFORMATION

KEY FOR SECTION B ACTION

- Initial Listing
- Add Tank
- Close/Remove Tank
- Information Correction
- Recondition/Repair/Reline Tank

TANK LOCATION

- Aboveground
- Aboveground on saddles, legs, stilts, rack, or cradle
- Aboveground: 10% or more below ground
- Underground
- Underground, vaulted, with access

STATUS

- In-service
- Temporarily out-of-service
- Closed—Removed
- Closed—In Place
- Tank Converted to Non-Regulated Use

PRODUCT STORED

- Empty
- Leaded Gasoline
- Unleaded Gasoline
- Nos. 1, 2, or 4 Fuel Oil
- Nos. 5 or 6 Fuel Oil
- Kerosene
- Diesel
- Lube Oil
- Used Oil (fuel)
- Used Oil
- Other\*

TANK TYPE

- Steel/Carbon Steel
- Stainless Steel Alloy
- Concrete
- Fiberglass Coated Steel
- Fiberglass Reinforced Plastic (FRP)
- Equivalent Technology
- Other\*

PIPING TYPE

- None
- Steel/Iron
- Galvanized Steel
- Fiberglass (FRP)
- Copper
- Other\*

INTERNAL PROTECTION: Tank/Piping

- None
- Epoxy Liner
- Rubber Liner
- Fiberglass Liner (FRP)
- Glass Liner
- Other\*

EXTERNAL PROTECTION: Tank/Piping

- None
- Painted/Asphalt Coating
- Sacrificial Anode
- Impressed Current
- Fiberglass
- Jacketed
- Wrapped (Piping)
- Other\*

PIPING LOCATION

- None
- Aboveground
- Underground
- Aboveground/Underground Combination

SECONDARY CONTAINMENT

- None
- Vault
- Double-Walled Tank
- Excavation Liner
- Cut-off Walls
- Impervious Underlayment
- Earthen Dike
- Prefabricated Steel Dike
- Concrete Dike
- Synthetic Liner
- Natural Liner
- Other\*

LEAK DETECTION

- None
- Interstitial Monitoring
- Vapor Well
- Groundwater Well
- In-Tank System
- Concrete Pad w/channels
- Double Bottom
- Other\*

SPILL/OVERFILL PREVENTION

- None
- Floater Vent Valve
- High Level Alarm
- Automatic Shut-off
- Product Level Gauge
- Catch Basin
- Vent Whistle
- Other\*

DISPENSER

- Submersible
- Suction
- Gravity

\* If other, please list on separate sheet including Tank Number





NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION

NYSDEC  
6274 East Avon-Lima Road  
Avon NY 14414  
Telephone: 585-226-2466

**PETROLEUM BULK STORAGE APPLICATION**

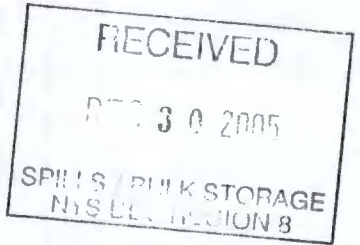
Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



PBS NUMBER <b>8-013366</b> Indicate other existing DEC Numbers, if any, for this facility: CBS Number SPDES Number	<b>FACILITY</b>	FACILITY NAME <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b> LOCATION (Not P.O. Boxes)	<b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply) A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)
		LOCATION (Continued) <b>FILE ELEMENTARY SCHOOL</b> <b>133 COLLIER PARKWAY</b> CITY/TOWN/VILLAGE STATE ZIP CODE <b>ROCHESTER NY 14623</b> COUNTY TOWNSHIP OR CITY <b>MONROE HENRIETTA</b> NAME OF OPERATOR AT FACILITY FACILITY TELEPHONE NUMBER <b>NINA LAKEBERG (585) 359-5442</b> EMERGENCY CONTACT NAME EMERGENCY TELEPHONE NO. <b>STANLEY W. POLMATEER (585) 359-5385</b>	
TRANSACTION TYPE (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee. 1 <input type="checkbox"/> Initial/ New Facility 2 <input type="checkbox"/> Change of Ownership 3 <input type="checkbox"/> Substantial Tank Modification 4 <input checked="" type="checkbox"/> Information Correction 5 <input type="checkbox"/> Renewal	<b>OWNER</b>	OWNER NAME <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b> ADDRESS (Street and/or PO Box) <b>2031 LEHISH STATION ROAD</b> CITY STATE ZIP CODE <b>HENRIETTA NY 14467</b> FEDERAL TAX ID NUMBER OWNER TELEPHONE NUMBER <b>16-6002034 (585) 359-5385</b>	I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. NAME OF OWNER OR AUTHORIZED REPRESENTATIVE AMOUNT ENCLOSED <b>STANLEY W. POLMATEER \$</b> TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b> SIGNATURE DATE <b>Stanley W. Polmateer 12/23/05</b>
		TYPE OF OWNER (Check only one) 1 <input type="checkbox"/> Private Resident 2 <input type="checkbox"/> State Government 3 <input checked="" type="checkbox"/> Local Government 4 <input type="checkbox"/> Federal Government 5 <input type="checkbox"/> Corporate/Commercial	
Geographical Locator for this Facility: (If known) LATITUDE: DEG MIN SEC LONGITUDE: DEG MIN SEC	<b>CORRESPONDENCE</b>	ATTENTION <b>STANLEY W. POLMATEER</b> NAME OF COMPANY <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b> ADDRESS <b>2031 LEHISH STATION ROAD</b> ADDRESS CITY/STATE/ZIP CODE <b>HENRIETTA, NY 14467</b> TELEPHONE NUMBER <b>(585) 359-5385</b>	<b>OFFICIAL USE ONLY</b> Page _____ of _____ Date Received: ___/___/___ Date Processed: ___/___/___ Amount Received \$ _____ Reviewed By: _____





E-013366

### Tank Information for Petroleum Bulk Storage Facility SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date			Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection		Tank External Protection	Piping Location		Piping Type	Piping Internal Protection		Piping External Protection	Secondary Containment		Leak Detection	Spill/Overfill Prevention		Dispenser	Last Test Date (Underground Tanks)									
				(MO)	(DD)	(YR)																(MO)	(DD)		(YR)									
	002	5	1	8/1/1995		10,000	001	06	00	04		02	10		05		04	04	01	09	03	01	02											
	003	2	3	10/28/2005		275	3	1	0	0		1	1		0		0		0		0		2		3									
	004	2	1	12/30/2005		200	3	1	0	0		1	1		0		2		4		2		2		2									

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SPILLS/LEAKS STORAGE  
INSPECTION 8

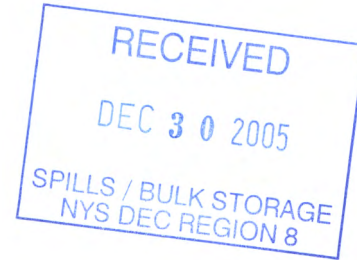
<p><b>KEY FOR SECTION B ACTION</b></p> <ol style="list-style-type: none"> <li>1. Initial Listing</li> <li>2. Add Tank</li> <li>3. Close/Remove Tank</li> <li>4. Information Correction</li> <li>5. Recondition/Repair/Reline Tank</li> </ol> <p><b>TANK LOCATION</b></p> <ol style="list-style-type: none"> <li>1. Aboveground</li> <li>2. Aboveground on saddles, legs, stilts, rack, or cradle</li> <li>3. Aboveground: 10% or more below ground</li> <li>4. Underground</li> <li>5. Underground, vaulted, with access</li> </ol>	<p><b>STATUS</b></p> <ol style="list-style-type: none"> <li>1. In-service</li> <li>2. Temporarily out-of-service</li> <li>3. Closed—Removed</li> <li>4. Closed—In Place</li> <li>5. Tank converted to Non-Regulated Use</li> </ol> <p><b>PRODUCT STORED</b></p> <ol style="list-style-type: none"> <li>0. Empty</li> <li>1. Leaded Gasoline</li> <li>2. Unleaded Gasoline</li> <li>3. Nos. 1, 2, or 4 Fuel Oil</li> <li>4. Nos. 5 or 6 Fuel Oil</li> <li>5. Kerosene</li> <li>6. Diesel</li> <li>A. Lube Oil</li> <li>B. Used Oil (fuel)</li> <li>C. Used Oil</li> <li>9. Other*</li> </ol>	<p><b>TANK TYPE</b></p> <ol style="list-style-type: none"> <li>1. Steel/Carbon Steel</li> <li>2. Stainless Steel Alloy</li> <li>3. Concrete</li> <li>4. Fiberglass Coated Steel</li> <li>5. Fiberglass Reinforced Plastic (FRP)</li> <li>6. Equivalent Technology</li> <li>9. Other*</li> </ol> <p><b>PIPING TYPE</b></p> <ol style="list-style-type: none"> <li>0. None</li> <li>1. Steel/Iron</li> <li>2. Galvanized Steel</li> <li>3. Fiberglass (FRP)</li> <li>4. Copper</li> <li>9. Other*</li> </ol>	<p><b>INTERNAL PROTECTION: Tank/Piping</b></p> <ol style="list-style-type: none"> <li>0. None</li> <li>1. Epoxy Liner</li> <li>2. Rubber Liner</li> <li>3. Fiberglass Liner (FRP)</li> <li>4. Glass Liner</li> <li>9. Other*</li> </ol> <p><b>EXTERNAL PROTECTION: Tank/Piping</b></p> <ol style="list-style-type: none"> <li>0. None</li> <li>1. Painted/Asphalt Coating</li> <li>2. Sacrificial Anode</li> <li>3. Impressed Current</li> <li>4. Fiberglass</li> <li>5. Jacketed</li> <li>6. Wrapped (Piping)</li> <li>9. Other*</li> </ol>	<p><b>PIPING LOCATION</b></p> <ol style="list-style-type: none"> <li>0. None</li> <li>1. Aboveground</li> <li>2. Underground</li> <li>3. Aboveground/Underground Combination</li> </ol> <p><b>SECONDARY CONTAINMENT</b></p> <ol style="list-style-type: none"> <li>0. None</li> <li>1. Vault</li> <li>2. Double-Walled Tank</li> <li>3. Excavation Liner</li> <li>4. Cut-off Walls</li> <li>5. Impervious Underlayment</li> <li>6. Earthen Dike</li> <li>7. Prefabricated Steel Dike</li> <li>8. Concrete Dike</li> <li>A. Synthetic Liner</li> <li>B. Natural Liner</li> <li>9. Other*</li> </ol>	<p><b>LEAK DETECTION</b></p> <ol style="list-style-type: none"> <li>0. None</li> <li>1. Interstitial Monitoring</li> <li>2. Vapor Well</li> <li>3. Groundwater Well</li> <li>4. In-Tank System</li> <li>5. Concrete Pod w/channels</li> <li>6. Double Bottom</li> <li>9. Other*</li> </ol>	<p><b>SPILL/OVERFILL PREVENTION</b></p> <ol style="list-style-type: none"> <li>0. None</li> <li>1. Float Vent Valve</li> <li>2. High Level Alarm</li> <li>3. Automatic Shut-off</li> <li>4. Product Level Gauge</li> <li>5. Catch Basin</li> <li>6. Vent Whistle</li> <li>9. Other*</li> </ol> <p><b>DISPENSER</b></p> <ol style="list-style-type: none"> <li>1. Submersible</li> <li>2. Suction</li> <li>3. Gravity</li> </ol>
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\* If other, please list on separate sheet including Tank Number



December 29, 2005

NYS DEC  
Division of Environmental Remediation, Region 8  
Bureau of Technical Support  
6274 East Avon-Lima Road  
Avon, New York 14414-9519



RE: Petroleum Bulk Storage Facility Inspections – Six (6) Sites, RHCS D

Attention: Ms. Wendy Stevenson

Dear Ms. Stevenson:

As a follow up to our letter of August 9, 2005 and the violations (attached) dated 6/23/05, 6/24/05 and 6/27/05, we submit the following. We offer these in a generalized form, giving a final report as to the solutions. These are confirmed in re-submittals to you of the DEC Bulk Storage Application forms (attached).

**A. Violation Citation**

- 1. PBS Registration Certificate – Accuracy of information (Section 612.2)**  
A copy of the correct information is attached showing the removal of the old 275 gallon day tank and installation of the new double walled 275 or 200 gallon day tank configurations, pumps and black iron piping.
- 2. Color Coding of Fill Ports on Day Tanks (Section 613.3(b))**  
These are negated with the removal of the old day tanks.
- 3. Above Ground Inspection Reports (Section 613.6(c))**  
Report forms have been generated and have been maintained at each building since the inspection.
- 4. Secondary containment for Above Ground Day Tanks (Section 613.3(c)(6)(i))**  
This has been alleviated with the installation of the new dual wall day tank systems.
- 5. Dike Valves on Above Ground Day Tanks (Section 613.3(c) (6)(iii))**  
See comment in #4.
- 6. Markings on Above Ground Day Tanks Section 613.3 (c) (3)(ii)**  
See comment in #4.
- 7. Above Ground Tank Gauges Section 613.3.3(c)(3)**

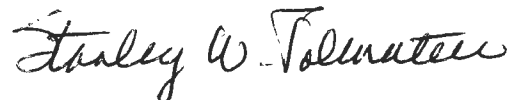
- See comment in #2
8. **Above Ground Operating Valves Section 613.3 (c)(5)**  
See comment in #2
9. **Under Ground Inspection Reports for Leak Detection Section 613.5 (b)(4)**  
See comment in #3
10. **Underground Tank #1 – Crane School (8,000 gallon) Unmetered Tanks - Inventory Records Section 613.4(a)(2)**  
Tank was tested and found tight by Onsyrr during the first week of July 2005. Copy attached.
11. **New Underground Tanks and Facilities Section 614.2(a), 614.3(a)(1), 614.7(d), 614.14**  
A letter has been sent to you earlier from the licensed PE who oversaw the installations of all the tanks in this inspection except Crane which was installed in 1973 prior to EPA and DEC regulations. He indicates that all tanks overseen by him were installed to the regulation in force at that time.
12. **Underground Tank #2 Maintenance of Spill Prevention Equipment Section 613.3(d).**  
Onsyrr has reconstructed the fill port catch basin and replaced/repared the alarm sensors on the 10,000 gallon underground Winslow tank for proper operation.

As you know, we acquired the services of Danforth Mechanical, Onsyrr, Inc. and Opt Tech to verify components within the tank systems on these sites, *as well as, all remaining Rush-Henrietta sites* to make the appropriate corrections in answer to your list of violations. We are pleased to report to you that all systems have been verified and all needed modifications have been completed. Now completed, we believe are in compliance with all EPA and DEC mandates and protocols at this time.

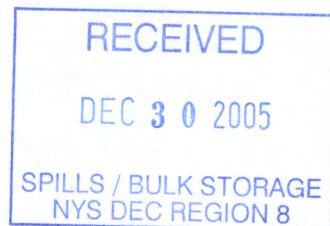
Further, as stated before, we are resubmitting revised Petroleum Bulk Storage Application documents indicating removal of the current day tanks and replacement with new compliant day tanks.

If you have further question, please do not hesitate to call me at (585) 359-5385.

Sincerely,



Stanley W. Polmateer  
Sr. Director of School Facilities



Attach



(1) 275 gal (6) 200 gal

## Day Tank Systems: TRS Series

# TRS Series day tanks: Quality, reliability and advanced technology

The Tramont TRS Series is the industry standard in day tank systems. In addition to the precision engineering and quality construction that go into all of our systems, the TRS Series features the exclusive Tramont System 2000PLUS Electronic Control Module (ECM).

### Standard Features

TRS Series day tanks include the following standard features:

- 1/3 HP, 1 phase, 115 VAC, 60 Hz thermally protected motor.
- 2 GPM, high lift gear pump with 3/8" NPT inlet and discharge.
- System 2000PLUS Electronic Control Module (see facing page for description).
- Heavy gauge steel construction.
- Gray painted exterior, rust-inhibitor coated interior.
- Removable, nonconductive cover.
- Tank 1" NPT fittings are engine supply, engine return, overflow and alternate engine return. Other fittings include 1-1/4" NPT for normal vent, NPT sized as appropriate for emergency vent, and one 3/8" NPT basin drain for tanks through 275 gallons, 1" NPT for larger tanks. (If tank includes containment basin, alternate engine fitting omitted and drain provided on basin only).
- Square 4-1/2" inspection port located below electrical controls.



*The Tramont TRS Series day tank with optional rupture basin and fuel-in-basin alarm.*



*TRS Series day tanks include the System 2000PLUS ECM, 1/3 HP motor and 2 GPM pump as standard features. A full line of optional features also are available.*

3701 N. Humboldt Boulevard • Milwaukee, WI 53212  
Phone: 414-967-8800 • Fax: 414-967-8811  
E-mail: sales@tramont.com • www.tramont.com

**TRAMONT**™

## Day Tank Systems: TRS Series

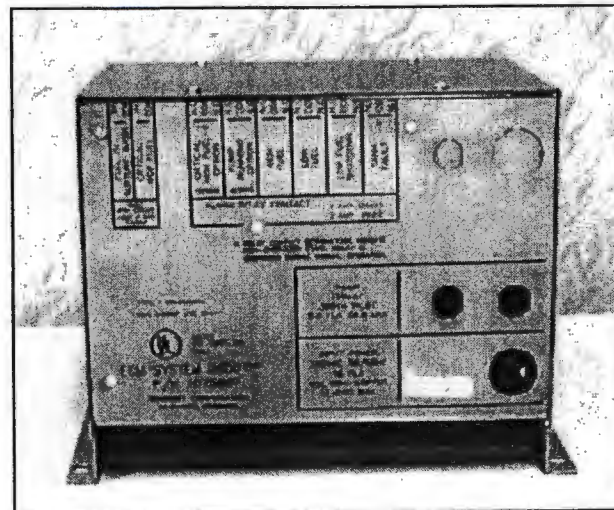
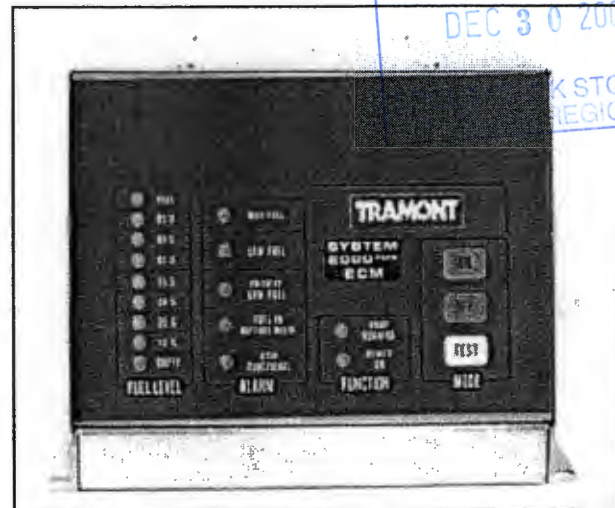
### The System 2000PLUS ECM: The leading performer in day tank monitoring and control

The System 2000PLUS™ Electronic Control Module (ECM) gives you state-of-the-art control of your day tank system. The System 2000PLUS is standardly included on all Tramont TRS Series day tanks. This UL Listed, microprocessor-based ECM represents a significant advance in fuel system control. Old-style controllers utilize individual, electro-mechanical float switches for each monitoring function. A malfunction can go undetected for months or years until there is a crisis. System 2000PLUS is self-diagnostic, and features a single sensor for all functions. It lets you know immediately if there is a problem. You have time to react, avoiding a costly disruption. System 2000PLUS gives you fast, accurate, comprehensive monitoring - *and it is available exclusively from Tramont.*

#### Standard Features

The System 2000PLUS ECM offers the following standard features:

- UL 508 Listed.
- Operates on standard 120 VAC, 1 phase system, 50/60 Hz.
- LED indicators for all functions.
- Fuel level sensor.
- Motor control relay with LED signal, rated up to 1/2 HP.
- High and low fuel level warnings.
- Critical low fuel level warning for engine shutoff.
- Fuel-in-rupture-basin warning interface.
- ECM functional signal.
- Manual control with On, Off and Test buttons.
- Secure internal test button for testing warning LEDs and remote annunciation of warnings.





## Day Tank Systems: Other Information

### Fuel containment basins

While containment basins for day tanks are optional, most day tank users include them with their systems because they substantially reduce the risk of fuel leaking into the surrounding environment due to a tank rupture. Tramont strongly recommends the use of a containment basin. Local codes frequently require a containment basin. There are two types of containment, a rupture basin and double wall.

#### Rupture Basin

A rupture basin is open-top. The day tank is placed in the basin. Because water and debris can collect in the containment area, rupture basins are used only for indoor applications.

#### Double Wall

A double wall basin is similar to the rupture basin, except the top is sealed and welded into place around the tank. An additional pressure relief vent cap is required to vent the containment area. Double wall tanks typically are used in outdoor applications. Depending upon local codes, they also may be required for indoor applications. Other options may be required to fully weatherproof the tank.

#### Basin Capacity

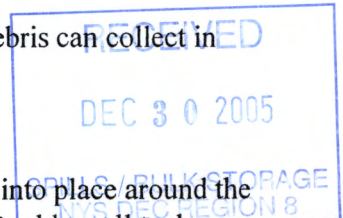
Basins are available in standard sizes of 150% and 200% of the tank capacity. A 150% capacity basin is adequate for most applications; however, some jurisdictions require a 200% capacity basin. Check with your local fire marshal or other code-enforcement authorities to verify basin requirements.

### Special Dimensions

Dimensions for standard day tanks are listed on page 7. Please consult Tramont if your application requires special dimensions.

### Underwriters Laboratories listing

All Tramont standard day tank models are available with Underwriters Laboratories listing. UL listed tanks include heavy duty stiffeners required per UL-142 standards. All primary and secondary tank sections are pressurized at 3 -5 psi and leak-checked to ensure integrity of weld seams per UL-142 standards. The Tramont System 2000PLUS Electronic Control Module, standard on all Tramont TRS Series tanks, is UL-508 listed. Tramont day tanks also are built in accordance with The Standard of Installation and Use of Combustible Engine and Gas Turbines, NFPA 37.





# Day Tank Control Specification "System 2000<sub>PLUS</sub>" ECM

## General

This section covers the electrical description and installation of the standard TRAMONT electrical control module (ECM). Installation of the "SYSTEM 2000" should be performed by a qualified electrician. These specifications describe the standard "SYSTEM 2000" ECM as the most full featured UL508 listed fuel transfer system in the industry.

## Description

The heart of the "SYSTEM 2000" ECM is an electrical analog float gauge sends a signal to the ECM for: fuel level indication, pump control, high fuel level warning, low fuel level warning, low fuel level shut off, fuel in rupture basin warning, low fuel in remote tank warning and an ECM function signal. All signals and warnings are provided with N.O. and N.C. contacts for remote annunciation. The ECM can be manually controlled by ON, OFF, and TEST push buttons. In addition, an internal test button allows for a periodic test of all warning LEDs and remote annunciation relays.

## Functions

The purpose of the ECM is to maintain the fuel level of the day tank by controlling the pump/motor. The pump is off at the normal fuel level and is activated at 87% full. A "pump running" indicator LED is on when the pump is activated. A motor control relay is wired to pump motor.  
**WARNING:** When ECM "OFF" push button is engaged the unit is disabled, however, 120 VAC power is still present within the ECM indicated by the "power on" LED.

## Options

- Standard - UL 508 listed control module
- 1920** - Duplex pumping system. Adds 2nd pump and motor for safety redundancy. Control alternates lead pump.
- 1930** - Controls are available for 12 VDC operation. Single or duplex. Please consult factory for specifications.
- 1935** - Controls are available for 24 VDC operation. Single or duplex. Please consult factory for specifications.
- 3240** - Pump running contacts for remote annunciation.
- 3250** - Critical high shutdown. Separate float switch senses high fuel level, disengaging motor and closing N.C. solenoid valve. Warning relay supplied for remote annunciation.

## Incoming Power

The ECM is powered by a customer-supplied 120 VAC line. Power terminals are accessible by removing four cover screws on the ECM and removing the ECM cover exposing the terminal strip. Wires should be run through knockout provided.

## Level Sensor

The day tank's level is determined by an electrical analog float gauge located beneath the ECM. The sensor sends a 0-90ohm signal to the ECM, which converts this signal into a precise fuel level. Fuel level is indicated by nine incremental LEDs on the ECM from EMPTY to FULL.

## Alarms

The ECM has five standard alarm conditions. Each alarm is indicated locally by an LED and remotely by wiring to supplied relays. A normally open and normally closed contact is provided for customer connections. Contacts are rated at 1 amp tungsten, 120 VAC or 24 VDC.

- A. High fuel** - activates at 106% of normal fuel level with a two second change of state time delay.
- B. Low fuel** - activates at 62% of normal fuel level. This enables the customer time to react to a potential problem before low fuel shutdown occurs.
- C. Low fuel shutdown** - activates at 6% of normal fuel level. This enables customer to shut down engine generator before fuel runs out, preventing loss of prime or engine damage.
- D. Fuel in rupture basin** - with a rupture basin float switch, (option #2930) the ECM will signal if fuel is in the rupture (containment) basin.
- E. ECM functional** - the ECM performs many internal checks (including float sensor signal verification) to ensure proper operation. If a fault occurs, this LED will go out (or flash if an erratic signal is present) and deenergize the relay. It is suggested that the customer wire to the normally closed contact thereby providing a signal if a fault does occur.

## Mode

There are four modes of operation on the ECM:

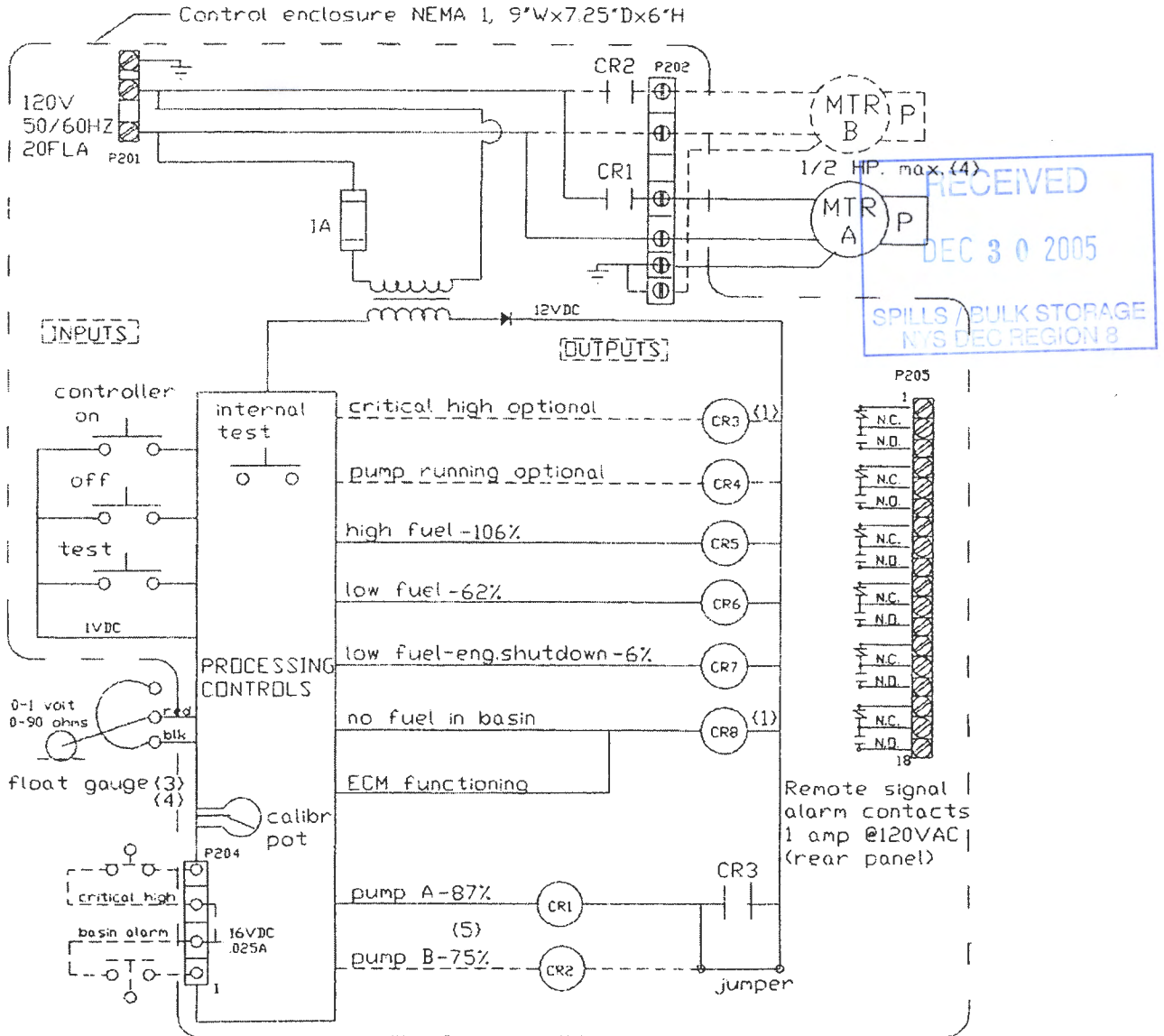
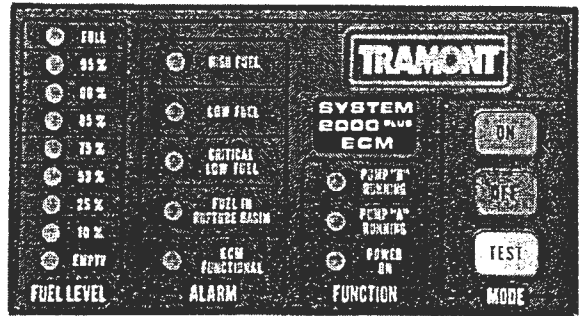
- A. Off** - This pushbutton disables the ECM for routine maintenance to the tank system without disrupting the ECM. **Caution:** ECM functional de-energizes, which can activate a customer alarm wired to this relay.
  - B. On** - This pushbutton activates the ECM after the Off pushbutton has been depressed. On any initial powerup condition, after a power outage, the ECM will automatically turn on.
  - C. Test** - This pushbutton will test all front panel LEDs for three seconds and activate pump/motor for as long as the button is depressed. All alarm relays will not activate but will maintain their original state.
  - D. Internal test** - This pushbutton, located inside the ECM, will test each LED and remote annunciation relay in sequential order - High fuel to ECM functional.
- Note:** It is recommended that both the external and internal test switch be activated as part of a periodic maintenance program to ensure reliable operation of the day tank.

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SPRINTS FUEL STORAGE  
SECTION 8

## "SYSTEM 2000PLUS" Electrical Control Module

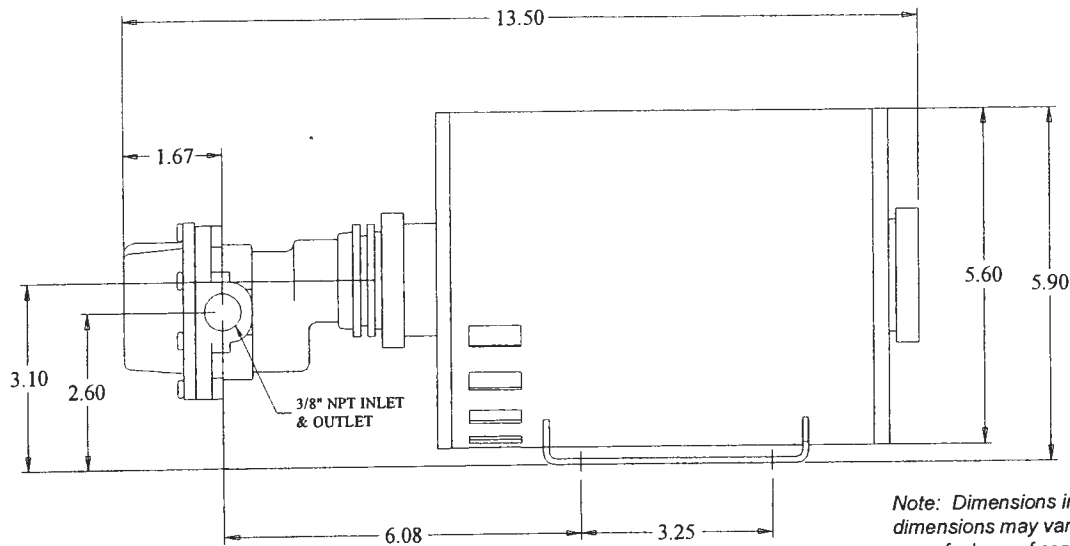
The System 2000PLUS ECM has been designed to supply the customer with all the necessary options in a standard package. Installation by a qualified service person will provide a fuel transfer system, offering the customer complete monitoring and control over the day tank operation.



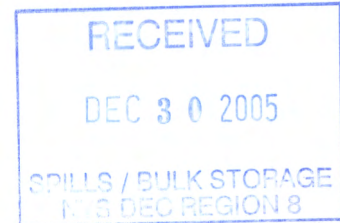
### NOTES:

1. Relay is energized during normal operation.
2. Dashed line indicates optional controls.
3. The controller is normally mounted in close proximity to the gauge. The controller may be mounted up to 50' away from the tank and gauge using #16 gauge shielded twisted wire.
4. Motor starters are required above 1/2 HP.
5. Pump A and B alternate lead positions.
6. Warning: An inlet fuel strainer is highly recommended (#2230) to prevent fuel contamination, maintain fuel gauge integrity and prolong the life of the pump.

# Standard pump and motor specifications



*Note: Dimensions in inches. Actual dimensions may vary depending upon manufacturer of components.*



**Pump:** Heavy duty, 2GPM, self-priming, positive displacement rotary gear pump with corrosion-resistant bronze housing and gears with stainless steel shafts, self lubricating carbon bearings with lip seals. Mounted directed to motor via carbonator style split tang coupling.

**Motor:** 1/3 HP, open drip-proof (squirrel cage), single phase, auto-thermal protected, bearing supported shaft, Class B insulation for continuous 40° C operation, 115 VAC, 60 Hz. Motor rotation may be reversed by reversing wires.

**Output:** 2GPM at 20 psi (directly into tank) or 1.5GPM at 100 psi. 1 psi = 2.68 feet of head.

**Lift:** Pump is self-priming and rated at 20 feet of lift (diesel fuel) at sea level. However, pipe diameter, bends, restrictions, hot and cold ambients and other factors may reduce lift. Tramont therefore recommends that the pump/motor be remotely mounted to push fuel in applications requiring more than 17 feet of lift. To ensure continuous self-priming use of appropriately sized foot valve and/or check valve is recommended for all high-lift applications. To avoid damage to motor during start-up, Tramont recommends that the fuel be primed as closely as possible to the pump intake.

**Pipe run:** If a pipe run of 100 feet or more is required between the main tank and day tank, Tramont recommends the use of a check valve. This ensures that the the pump does not have to evacuate a large volume of air during each operation. Even a very small leak in the pipe will prevent self-priming; therefore, Tramont strongly recommends that all pipe lines receive a careful pressure check before start-up.

**Fuel strainer:** The Tramont pump is a high-lift, close tolerance design. Foreign particles in the fuel may prevent proper performance. New installations in particular may have significant quantities of iron scale, rust or other contaminants in the pipeline and main tank. To prevent this matter from clogging and potentially damaging the pump, Tramont recommends the installation of an appropriately designed fuel strainer to the input line.

Please consult the Tramont Day Tank Product Guide or Spare Parts Price List to locate the appropriate accessories for your pump/motor, or contact the factory at the numbers listed above.

3701 N. Humboldt Boulevard • Milwaukee, WI 53212  
 Phone: 414-967-8800 • Fax: 414-967-8811  
 E-mail: sales@tramont.com • www.tramont.com





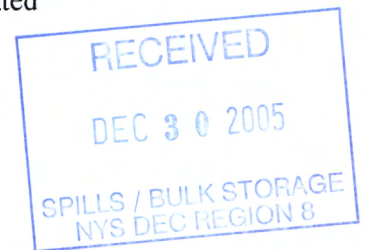
# System 2000+ Sequence of Operation

## Fuel Level Decreasing

- Tank fuel condition
- Fuel level in tank decreases
- At 87% full pump "A" starts pumping fuel from main tank into day tank
- At 75% full pump "B" starts pumping fuel from main tank into day tank (duplex system only)
- At 62% full the low fuel alarm is activated, dry contacts are actuated
- At 6% full the low fuel engine shutdown alarm is activated, dry contacts are actuated

## Fuel Level Increasing

- Tank empty condition
- Pump "A" is pumping fuel from main tank into day tank
- Pump "B" is pumping fuel from main tank into day tank (duplex system only)
- At 6% full the low fuel engine shutdown alarm is deactivated, dry contacts resume normal condition
- At 62% full the low fuel alarm is deactivated, dry contacts resume normal condition
- At 100% full pump "A" stops
- At 100% full pump "B" stops (duplex system only)
- At 106% full high fuel alarm is activated, dry contacts activated
- Fuel level continues to increase, critical high fuel level shutdown is activated, dry contacts are activated, fuel supply pumps shutdown



## Overfill / Tank Rupture Condition

- Fuel in rupture basin (basin is optional)
- Option #2930 fuel in basin float switch (optional) is activated, dry contacts are activated, fuel supply pumps shutdown
- Option #3250 critical high alarm (optional), separate float switch activates high level alarm, dry contact activated, fuel supply pumps shutdown, can activate optional solenoid valve (2650).

# Design Considerations of a Day Tank Pump/ Fuel Transfer System

Designing pumping systems can be a very complex task. This general guide is designed to assist the designer in the proper specification of the fuel transfer system. The three main areas to be covered by this paper are pump lift, pump head and pump prime. In critical or borderline applications, an experienced hydraulic engineer should always be consulted.

## Pump Lift

A pump will lift fuel by displacing air from suction to discharge line. This creates low pressure in the suction line which allows the higher atmospheric pressure (14.7 psi at sea level) to lift liquid into this vacuum. If a perfect vacuum could be created and maintained fuel could theoretically be lifted to 34 feet. Since a perfect vacuum cannot be created, the lift a pump can actually achieve is approximately 50% of theoretical lift or 17 feet (7.4 psi). To determine the total available lift, the following factors need to be considered:

1. Vertical distance from tank to pump
2. Total length of pump and size
3. Fittings in line
4. Elevation above sea level

1. The vertical distance the pump needs to lift fuel is the main factor in lifting capabilities. This measurement should be taken from the bottom of the main tank to the pump's inlet port.
2. The total length of piping and size is important due to internal friction. This will reduce lift and must be considered. (see table one) All calculations are based on 60°F temperature. Frictional resistance will increase as temperature decreases.
3. Fitting in the line will disrupt flow and create friction. These fittings include elbows, tees and unions. (see table two) Valves also need to be checked for possible pressure drops.
4. Elevation above sea level is important since the atmospheric pressure acting against the pump's vacuum is reduced, thereby reducing lift. (see table three)

## Example One

Given:	
Vertical distance	12 feet
Total length of pipe	100 feet
Pipe size	1" in diameter
Pump size	2 GPM
Fitting in line	3 elbows, no valves
Elevation above sea level	3,000 feet

### Solution:

Referring to table two, an elbow equals 2.6 feet of pipe. (2.6 x 3 elbows = 7.8 feet) The corrected length of pipe is now 107.8 feet. Referring to table one, the 107.8 feet is divided by 100 and multiplied by the .5 our actual head loss is .54 feet. Therefore, the total lift needed for this system is the vertical distance plus .54 feet or 12.54 feet. Since the pump is safely capable of lifting 15 feet at a 3,000 foot

elevation, (see table three), the previous example will perform satisfactorily. However, if a 3/8" diameter pipe would have been used, the head loss would have been 17.63 feet. Adding the vertical distance to this figure equals 29.63 feet. The pump would not be able to lift the fuel.

If the plumbing system cannot be built under a 17 foot lift limitation (at sea level), a remote pumping station must then be used. This will be placed between the main tank and the day tank. The proper placement is determined by the pump lift calculation and the following pump head calculations.

## Pump Head

The pump's head is the theoretical vertical distance a pump will push fuel. Day tank standard (2 GPM/ 1/3 HP) pumps have 231 feet of head (100 psi). Refer to table four for larger pump and motor discharge rates. Because of electrical convenience the pump is normally located on the day tank, but when pump lift demands are exceeded the remote pumping station is required. This allows us to utilize the head (pushing) capabilities of the pump.

To determine the total available head three factors need to be considered:

1. Vertical distance from pump to day tank
2. Total length of pipe and size
3. Fittings in line

1. The vertical distance the pump needs to push the fuel is the main factor in head capabilities. This measurement should be taken from the output port on the pump to the day tank's upper most piping connection.

2. Length and size of pipe need to be considered in the same manner as the lift calculations.

3. Fittings also are calculated in the same manner.

Note: Elevation does not need to be considered in head calculations.

## Example Two

Given:	
Vertical distance	150 feet
Total length of pipe	175 feet
Pipe size	3/4" in diameter
Fittings	2 elbows, 1 check valve, 1 solenoid valve
Pump	7 GPM
Solution:	

Referring to table two, a 3/4" elbow equals 2.1 feet of pipe (2.1 x 2 = 4.2). The check valve equals 5.3 feet of pipe. Also, the solenoid valve has a 3 psi drop, (consult manufacturer), or 6.93 feet (3 x 2.31). The total adjusted length of pipe is : 175 + 4.2 + 5.31 + 6.93 = 191.4 feet. Referring to table one, 191 feet of 3/4" pipe with a 7 GPM pump interpolates to 29.2 feet of head loss (1.91 x 15.3). Therefore, total equivalent height is (150 + 29.2) 179.2 feet. Note: The resulting pressure at day tank is (231 feet - 179.2 feet) divided by 2.31 = 22 psi. Since the pump will push fuel to a height of 231 feet, this system will work.

Design Considerations continued...

### Pump Prime

Maintaining the prime on a pump is of critical importance. Fuel must be maintained in the suction side pipe with no air pockets. Foot valves at the main tank or check valves at the day tank can be used to prevent fuel flowing back to the main tank and losing prime.

Pump cavitation is the inability for a pump to discharge fuel properly and can occur for many reasons:

1. Total equivalent lift too high for pump
2. Total equivalent head too high for pump
3. Restrictions in lines
4. Air leaks
5. Improperly plumbed systems

Cavitation can occur gradually and will eventually ruin a pump. Vertical piping loops or "traps" should be avoided when designing a pumping system. Air pockets can become trapped in the high point of the vertical loop, resulting in pump cavitation.

A hand pump is recommended for initial priming to avoid undue wear on the fuel pump. If the fuel pump must be used for initial priming, do not run for more than 60 seconds. Fuel should be flowing within that time.

A fuel strainer is also recommended on the inlet side of the pump. Foreign particles entering the pump chamber will diminish its life expectancy. The strainer should be checked periodically to avoid particle build-up, which would limit pumping capabilities.

### Summary

Proper engineering practices should always be used when calculating pump head and especially pump lift. By following these guidelines, costly repair due to improper installations can be avoided.

Notes:

1. 1 psi = 2.31 feet of head is the conversion for water. As a general rule, this is a safe conversion for #2 diesel fuel.
2. For more precise calculations refer to the formulas and conversions listed below.

A. Head in feet =  $\frac{\text{PSI} \times 2.31}{\text{Specific Gravity}}$

B.  $\text{PSI} = \frac{\text{Head} \times \text{Specific Gravity}}{2.31}$

C. Specific Gravity of #2 diesel fuel - .88 at 60°F

D. Weight of #2 diesel fuel - 7.3 lbs/gallon

3. All calculations are based on a 60°F temperature. Allowances must be made for extreme temperature variances.

- A. Viscosity of #2 diesel fuel
- 35 @ 100°F
  - 40 @ 70°F
  - 60 @ 20°F
  - 80 @ 0°F
  - 200 @ -30°F

B. An immersion heater is recommended for below 32°F applications.

**Table One**

Frictional Head Loss (in feet) for 100 feet of standard weight pipe at 60°F at sea level - diesel fuel

GPM	Pipe Size						
	3/8	1/2	3/4	1	1-1/4	1-1/2	2
2	15.2	5.5	1.1	.5	.2		
4	55.5	20.3	5.1	1.4	.5	.2	
7		61.0	15.3	4.6	1.2	.5	
10			26.3	8.5	2.5	.9	.2
19				28.5	7.5	3.5	1.2

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**Table Two**

Frictional loss in pipe fittings in terms of equivalent feet of straight pipe

Pipe Size (in.)	Ball Valve	45° Elbow	Std. Elbow	Std. Tee	Check Valve	Angle Valve	Globe Valve	Diaphragm Valve
3/8	.28	.70	1.4	2.6	3.6	8.6	16.5	
1/2	.35	.78	1.7	3.3	4.3	9.3	18.6	40
3/4	.44	.97	2.1	4.2	5.3	11.5	23.1	
1	.56	1.23	2.6	5.3	6.8	14.7	29.4	
1-1/4	.74	1.6	3.5	7.0	8.9	19.3	38.6	
1-1/2	.86	1.9	4.1	8.1	10.4	22.6	45.2	
2	1.1	2.4	5.2	10.4	13.4	29.0	58.0	

**Table Three**

Lifting Capacities at various elevations

Elevation	Atmospheric Pressure	Available
sea level	14.7 psi	Lift
1000'	14.2 psi	17'
2000'	13.6 psi	16'
3000'	13.1 psi	15.5'
4000'	12.6 psi	15'
5000'	12.1 psi	14.5'
6000'	11.7 psi	14'

13.5'

**Table Four**

Pump discharge pressure (psi)

Motor H.P.	Nominal Pump Size (GPM) at 1725 RPM					
	2	4	7	10	19	23
1/3	100	60	2			
1/2		100	20	2		
3/4			40	20		
1			100	40	20	2
1-1/2				80	40	40
2				125	60	60
3				150	100	125

**Note:** Pump discharge volumes (GPM) can decrease by as much as 25% when higher pressures are required. Please consult factory for borderline consumption rates.



# Pump Head Worksheet

Pump **BELOW** Main Tank  
Total Head Required for Day Tank Installation

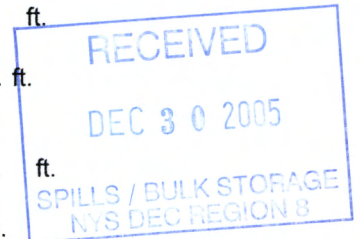
*Please complete the following before beginning the worksheet:*

Vertical Pipe Length: \_\_\_\_\_ Pipe Diameter: \_\_\_\_\_ Elevation Above Sea Level: \_\_\_\_\_  
Horizontal Pipe Length: \_\_\_\_\_ Pump GPM: \_\_\_\_\_ Motor HP: \_\_\_\_\_ In Line Fitting Types: \_\_\_\_\_

*Refer to data tables in Tramont's "Day Tank Pump Capabilities" specification sheet as indicated.*

1. Total vertical length of pipe (pump inlet to day tank inlet) ..... ft.
2. Total length of pipe (Vertical & Horizontal) ..... ft.  
(Each size pipe in the line must be calculated individually)
3. Additional length as a result of in line fittings (See Table Two) ..... ft.
4. Add results of #2 & #3 ..... ft.
5. Divide result of #4 by 100 ..... C ft.
6. Pipe size (diameter) ..... inch
7. Pump capacity ..... GPM
8. Frictional head loss (See Table One) ..... per 100 ft.  
(Horizontal)
9. Additional head loss—multiply results by #5 by #8 ..... ft.
10. Repeat steps in items #2 thru #9 for each pipe size used in line ..... ft.
11. Total head capacity needed (Add results of #1, #9, & #10) ..... ft.
12. Pump discharge pressure (See Table Four) ..... psi.
13. Available pump head (Multiply results of item #12 by 2.31) ..... ft.
14. Subtract results of item #11 from item #13 ..... ft.

- If results of item #14 are positive, the system is properly sized.
- If results of item #14 are negative, the system is beyond a safe lifting capacity.



# Pump Lift Worksheet

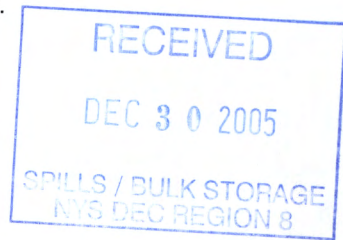
Pump ABOVE Main Tank  
 Total Lift Required for Day Tank Installation

*Please complete the following before beginning the worksheet:*

Vertical Pipe Length: \_\_\_\_\_ Pipe Diameter: \_\_\_\_\_ Elevation Above Sea Level: \_\_\_\_\_  
 Horizontal Pipe Length: \_\_\_\_\_ Pump GPM: \_\_\_\_\_ In Line Fitting Types: \_\_\_\_\_

*Refer to data tables in Tramont's "Day Tank Pump Capabilities" specification sheet as indicated.*

1. Total vertical length of pipe (pump inlet to main tank bottom) ..... \_\_\_\_\_ ft.
2. Total length of pipe (Vertical & Horizontal) ..... \_\_\_\_\_ ft.  
 (Each size pipe in the line must be calculated individually)
3. Additional length as a result of in line fittings (See Table Two) ..... \_\_\_\_\_ ft.
4. Add results of #2 & #3 ..... \_\_\_\_\_ ft.
5. Divide result of #4 by 100 ..... \_\_\_\_\_ C ft.
6. Pipe size (diameter) ..... \_\_\_\_\_ inch
7. Pump capacity ..... \_\_\_\_\_ GPM
8. Frictional head loss (See Table One) ..... \_\_\_\_\_ per 100 ft.  
 (Horizontal)
9. Additional head loss—multiply results by #5 by #8 ..... \_\_\_\_\_ ft.
10. Repeat steps in items #2 thru #9 for each pipe size used in line ..... \_\_\_\_\_ ft.
11. Total lifting capacity needed (Add results of #1, #9, & #10) ..... \_\_\_\_\_ ft.
12. Elevation above sea level ..... \_\_\_\_\_ ft.
13. Available pump lift ..... \_\_\_\_\_ ft.
14. Subtract results of item #11 from item #13 ..... \_\_\_\_\_ ft.



- If results of item #14 are positive, the system is properly sized.
- If results of item #14 are negative, the system is beyond a safe lifting capacity.
- If results of item #1 are less than results of #13, **increase pipe size.**
- If results of item #1 are more than results of item #13, **a remote pumping unit is required.**



# Mechanical and plumbing guide: Day tank systems

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## Mechanical installation

This guide covers the mechanical installation of a standard Tramont day tank system. Installation should be performed by a qualified mechanical installer or plumber experienced in black iron piping, valves and connections. This guide primarily covers "standard" tanks; that is, tanks without optional accessories or equipment. Certain optional devices may require special consideration during installation. For TRE-Series tanks also see "Electrical installation guide: TRE-Series Day Tanks." For TRS-Series tanks also see "System 2000PLUS" specification sheet.

### !WARNING!

**THIS TANK IS DESIGNED AND CONSTRUCTED TO HOLD DIESEL FUEL ONLY.**

## Tank placement

Upon receipt of the Tramont day tank, inspect for obvious signs of shipment damage. If damage is visible (dents, waterlogging, etc.), notify the freight company and file a claim for damages with them. This step must take place on the receiving end of the shipment; Tramont cannot do this for the purchaser or end user. Unpack the unit and inspect closely. The Tramont day tank can withstand normal stresses of shipping. However, rough handling, such as dropping the unit, may result in scratches, dents and damage to tank components and weld seams. Again, if you detect any signs of damage notify the freight company immediately.

Place the tank as close to the gen-set as practical. It should be fully accessible from all sides. The front of the unit must be visible and accessible. Position the tank so that fittings and vents can be easily connected and checked. Make sure that there is room to access the basin/tank drain. Generally a minimum of 6" - 8" from any wall is required for piping installation. Allowing adequate space for piping will make future repair and maintenance much easier.

Slots are located on the base of the tank if you choose to bolt it to the floor. Complete all piping *before* bolting the tank to any surface. This will make it much easier to correct any misalignment of piping. **The day tank is not designed to absorb the force exerted by improperly aligned pipe. "Forcing" pipes to line up with the fittings may damage the tank.**

## Plumbing connections

Day tanks typically are installed with three 90° elbows in the fuel line between the day tank and the point where the line is firmly fixed to a wall or floor. This will facilitate minor adjustments when leading the piping to the tank. Pipe unions should be installed as needed to allow for future breakdown or maintenance of pipes. All threaded connections shall be covered with Teflon™ tape, thread sealant or comparable material. **DO NOT** use any sealant that is not compatible with #2 diesel oil. All threaded connections must be tightened leak-tight.

**IMPORTANT:** Gen-set installations generally are not set up so that high pressure can form in piping lines, and *the Tramont day tank is not a pressure vessel*. However, all connections still should be tightened so that the piping can withstand considerable pressure if necessary. Use only clean, new pipe connections. Rust, dirt, tars and other contaminants can prevent proper operation of tank components such as pumps, and may result in damage or destruction of these components.

## Engine supply

The engine supply fitting (1" NPT) is located on the lefthand side at the bottom rear of tanks without a basin. On tanks with a basin the supply fitting is located on the top rear of the tank, and a dip tube extends to the bottom of the tank. Follow the gen-set supplier's requirements for pipe size, flex hose and connections to the engine.

## Fuel return

On tanks without a basin there are two 1" NPT fuel return fittings on the back of the tank. One is located at the lower right-hand side of the tank, the other is located near the top of the tank. On tanks with a basin there is a single fuel return fitting on the back of the tank near the top. The fuel return fittings are for excess hot fuel returned from the engine. If your tank does not include a basin Tramont recommends using the bottom fuel return fitting. Seal the unused fuel return fitting with a 1" NPT black iron pipe plug. Another option is to pipe the fuel return line directly to the main tank, thereby eliminating a possible fuel temperature increase in the day tank.

## Overflow

The 1" NPT overflow fitting is located at the upper rear of the tank. It prevents overflowing of the day tank by routing excess fuel directly back to a main tank.



*Mechanical and plumbing guide, continued...*

#### **Main tank below day tank (TRE & TRS)**

In instances where the main tank is located *below* the day tank, the overflow line must be piped in a continuous downward path to the main tank.

#### **!WARNING!**

**BECAUSE THE OVERFLOW LINE OPERATES VIA GRAVITY, THERE CAN BE NO UPFLOW OR TRAPS IN THE LINE. DO NOT RESTRICT OR DOWNSIZE THE DIAMETER OF THE PIPE.**

Tramont recommends overfilling the day tank initially to make sure that the overflow line is working properly.

#### **Main tank above day tank (TRS only)**

In instances where the main tank is above the day tank, the overflow line cannot be piped via gravity. The overflow line should not be plugged. Instead, **Tramont strongly recommends the use of a reverse pumping system to return excess fuel to the main tank.** Failure to use a reverse pumping system may result in a fuel spill should the day tank become overfilled. Reverse pumping systems are available on Tramont TRS Series day tanks. See Tramont specification "Diesel Fuel Day Tank with Supply Pump and Motor."

#### **Vents**

There is a 1-1/4" NPT normal vent fitting at the top rear of tank. This is an atmospheric vent and must be piped in a continuous upward path with no traps. In installations with a main tank the normal vent must be piped higher than the main tank fuel level. The normal vent should be vented outside any enclosed spaces. The appropriate vent cap is available from Tramont or users may provide their own.

#### **!WARNING!**

**DO NOT PLUG THE NORMAL VENT. THIS IS AN ATMOSPHERIC TANK ONLY AND IS NOT TO BE OPERATED UNDER PRESSURE.**

The tank also includes an NPT fitting for an emergency vent. The fitting will range in size from 2" to 5". Tanks with a sealed rupture basin also will include an emergency vent fitting on the containment area. The emergency vent fittings may not be plugged. The appropriate vent cap is available from Tramont or users may provide their own. This vent is designed to open should the tank become suddenly pressurized (in a fire, for example). Requirements for piping the emergency vent may vary by location. Consult local codes on piping, vent caps, vent location and other requirements.

#### **Drain**

Day tanks less than 300 gallons include a 3/8" NPT drain fitting. Tanks 300 gallons or larger include a 1" NPT drain fitting. On day tanks without a basin the drain fitting

connects directly to the tank. On tanks with a basin the drain is connected to the containment area only. The tank is shipped with the drain fitting plugged. This plug may become loose during shipping. *It is the installer's responsibility to verify the integrity of the drain and all other connections.* In installations with a main tank the drain may be plumbed back to the main tank. An optional drain petcock or ball valve is available from Tramont.

#### **Fuel inlet (TRE & TRS Only)**

The fuel inlet to the day tank is located on the pump. The standard Tramont day tank pump includes a 3/8" NPT female threaded fitting. This fitting size may vary on optional pumps. Plumb the fuel supply line from the main tank to the day tank pump suction port. Properly align the piping so that stress is not exerted on the pump. **IMPORTANT NOTE:** Fuel contamination can decrease pump life, cause leaking valves and erratic gauge readings. Tramont strongly recommends the installation of a 100 mesh fuel strainer on the pump inlet.

#### **Piping (TRE & TRS)**

Tramont day tank pumps are rated for 17' of vertical lift at sea level. Long horizontal runs, small diameter pipe and restrictions such as elbows and valves can reduce lift. (See "Pump Capabilities" worksheet). Leaks in the pipe line will reduce or eliminate lift. Running the pump/motor with no fuel in the line may damage or destroy the pump and motor. Tramont strongly recommends that manifold fuel lines be avoided. Tramont also strongly recommends that the incoming fuel line be primed as close to the pump as possible prior to start-up.

#### **Testing**

The tank has been factory leak-tested at 3 - 5 PSIG per UL-142 requirements. All lines to and from the day tank should be pressure tested for leaks. If they are available, close shutoff valves at both ends of the piping and apply pressure to desired levels. Lines that have only gravity flow should be tested to twice the head pressure that would exist if the lower end of the line were plugged and the line was filled with oil. **Note:** 2.68' of head = 1 PSIG.

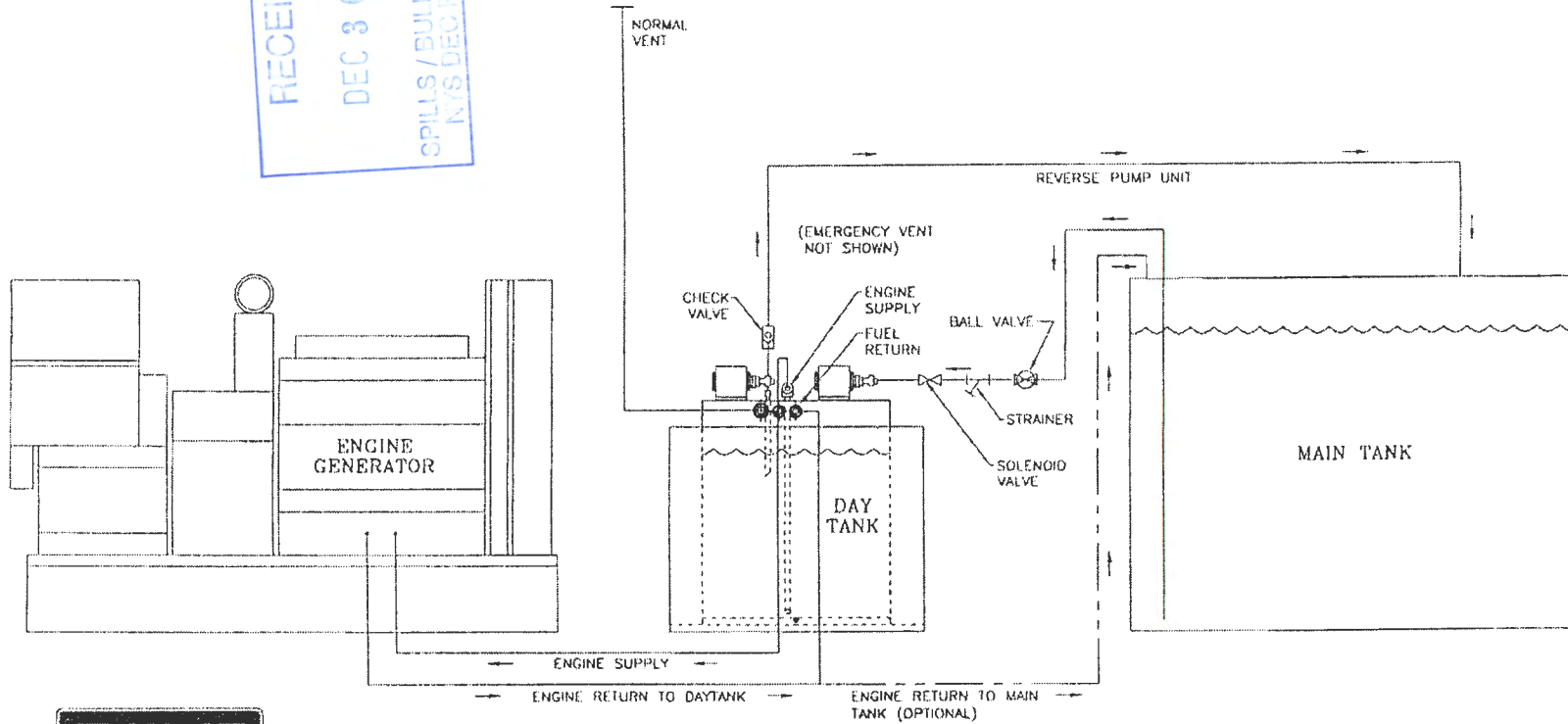
#### **!WARNING!**

**WHEN TESTING THE FUEL LINES DO NOT ALLOW THE TANK ITSELF TO BECOME PRESSURIZED IN EXCESS OF 5 PSIG. EXCESS PRESSURE MAY DAMAGE THE TANK.**

#### **Mechanical inspection**

Verify that all valves are open and all lines are pressure tested and clear. Verify that the installation is in accordance with mechanical specifications and all local building codes. Day tank users, installers and specifying engineers should be familiar with NFPA 30 and 37, UL-142, local codes and any other applicable codes.

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REV	DATE	DESCRIPTION	BY
B	07/02/98	CHANGED THE FUEL RETURN PATH	DAK
A	05/29/98	START	DAK
CHANGE BLOCK		⑤	

**TRAMONT CORPORATION**

SCALE: NTS  
 DATE: 05/29/98

FRACTIONS = +/- .5  
 .XX = +/- .125  
 Y = +/- .250  
 XXX = +/- .062

Drawn By: DAK  
 Date: 05/29/98

DESCRIPTION: DAYTANK INSTALLATION/ MAIN TANK ABOVE GROUND

REV: 119-1199

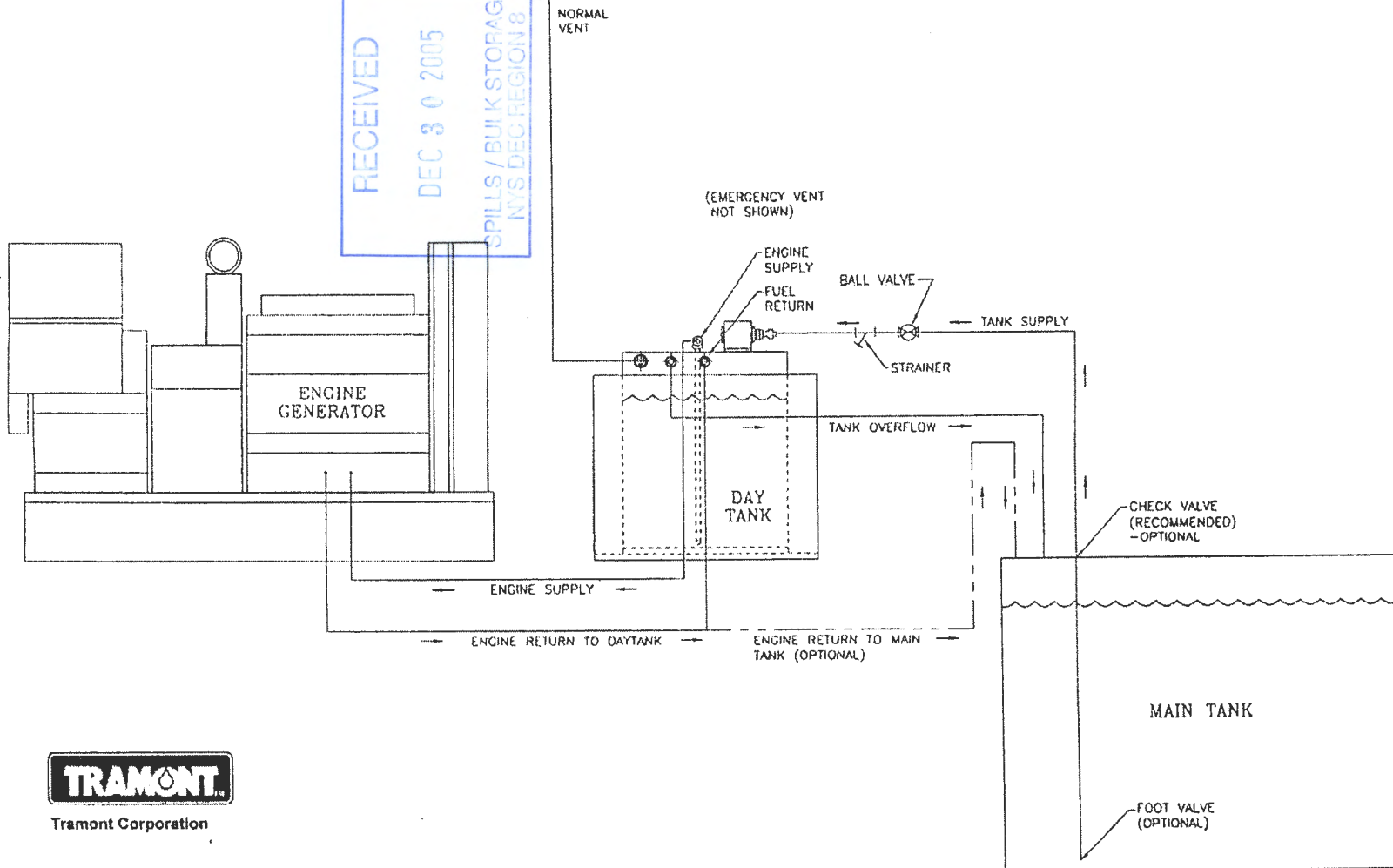


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<table border="1"> <tr> <td>B</td> <td>08/06/98</td> <td>ADDED OPTIONS</td> <td>DAK</td> </tr> <tr> <td>A</td> <td>07/09/98</td> <td>START (FROM 119-1188)</td> <td>DAK</td> </tr> <tr> <td>LETTER</td> <td>DATE</td> <td>DESCRIPTION</td> <td>NAME</td> </tr> </table>			B	08/06/98	ADDED OPTIONS	DAK	A	07/09/98	START (FROM 119-1188)	DAK	LETTER	DATE	DESCRIPTION	NAME	<b>TRAMONT CORPORATION</b>			DECKTOP <b>DAYTANK INSTALLATION/ MAIN TANK BELOW GROUND</b>	
B	08/06/98	ADDED OPTIONS	DAK																
A	07/09/98	START (FROM 119-1188)	DAK																
LETTER	DATE	DESCRIPTION	NAME																
CHANGE BLOCK ③		SCALE: NTS	FRACTIONS = +/- .5    .XX +/- .125	DRAWN BY: DAK	DRAWING NO. 119-1372														
		DATE: 07/09/98	X = +/- .250    XXX +/- .062	SALES: <i>[Signature]</i>															



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# Tramont

## Warranty

The TRAMONT CORPORATION warrants its products against defects in material or workmanship under normal use and service for a period of 12 months from date of shipment from its plant in Milwaukee, Wisconsin. All obligations and liabilities under this warranty are limited to repairing or replacing at our option F.O.B. Milwaukee, Wisconsin of such allegedly defective units or parts returned, carrier charges prepaid. No liability is accepted for consequential damage or reinstallation labor.

Warranty on accessories furnished by other manufacturers shall be limited by that manufacturer's warranty.

If field service, at the request of the Buyer, is rendered and the fault is found not to be with the TRAMONT CORPORATION product, the Buyer shall pay the time and expense of the TRAMONT Field Representative. Bills for service, labor or other expenses that have been incurred by the Buyer, their customer or agent will not be accepted.

Warranty does not cover failure resulting from improper installation or use.

Changes or repairs made in the field without authorization from TRAMONT CORPORATION will void this warranty.

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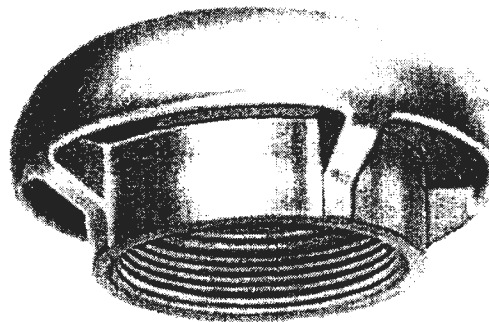
## Normal Vent Protectors

Approved by the New York City  
Board of Standards and Appeals  
(Cal. No. 901-56SA)

# 2252

# Normal Vent Protectors

Mushroom style free flow vent is designed for atmospheric venting of diesel fuel tank. The normal vent cap is made of cast iron with a domed top to prevent tank contamination. A 30-mesh screen is securely inserted within the vent cap to prevent debris from entering the vent pipe or tank. Each cap is threaded for a positive stop.



Meets the requirements of:

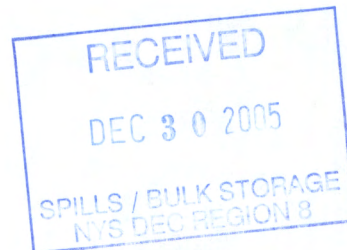
\* NFPA 30 Flammable and Combustible  
Liquids Code 1996

*Sub-section 2-3.5.1 and 2-3.5.2*

\* New York City Board of Standards and  
Appeals

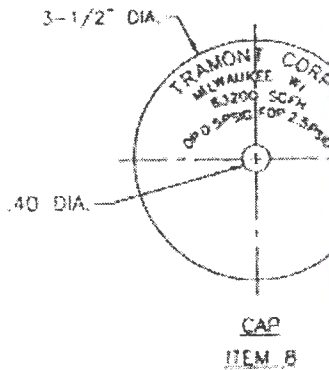
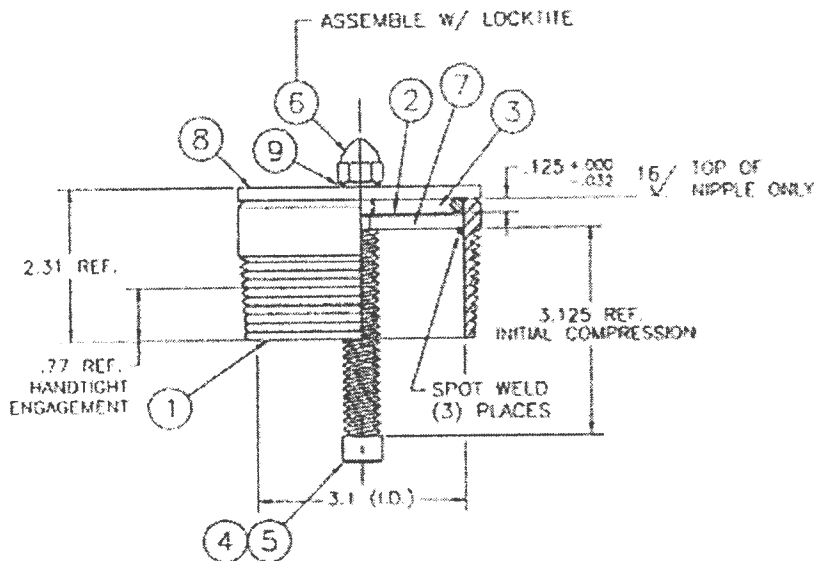
*Cal. No. 901-56SA*

Simply review specification and/or quotation to  
establish vent size required for your applica-  
tion.

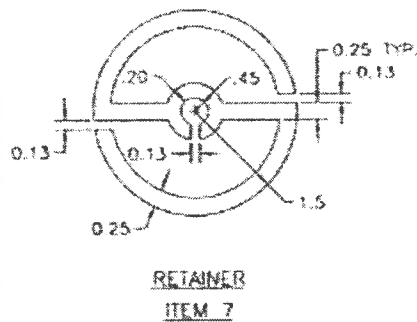


Part Number	Spare Part Number	Size Inches	O.D. Inches	Weight Pounds	Tank Capacity (Gallons)
2250		1-1/4	2.75	.521	Under 2,500
		1-1/2	3-1/4	.62	2,500-3,000
2252	216290	2	4	1	3,001-10,000
2253	216300	3	5.75	3	20,001-35,000
2254	216310	4	7	3.5	35,001-50,000

ITEM No.	QTY.	DESCRIPTION	MATERIAL
1	1	3" NPT (TOE) NIPPLE x 2" LG. (NON-THREADED)	3" PIPE
		FLAT END W/ 1/8" x 30' CHAMFER ON O.D.)	
2	1	3" DIA. 40 MESH SCREEN W/ 1/2" HOLE IN CENTER	BRASS
3	1	"O"-RING #2-335 3-1/8" O.D. X 3/16" WIDTH	NITRILE
4	1	3/8-16 SOCKET HEAD CAP SCREW 3-1/2" LG.	
5	1	SPRING, SPEC CO600-055-3000	MUSIC WIRE
6	1	3/8-16 ACORN NUT	
7	1	RETAINER (SEE DETAIL.)	10 GA. HRPO
8	1	CAP (SEE DETAIL.)	10 GA. HRPO
9	1	"O"-RING #2-012 1/2" O.D. X 1/16" WIDTH	NITRILE



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 SPLITS / BULK STORAGE  
 PLAYS PER REGION 8



NOTES:

- PARTS #1, #2, & #8 TO BE YELLOW ZINC DI-CHROMATE PLATED.
- SPRING DESIGNED TO OPEN AT 8 oz/in & FULLY OPEN AT 2.5 PSI.

THIS DRAWING SUPERCEDES DRAWING #1024005 WHICH WAS VOIDED.

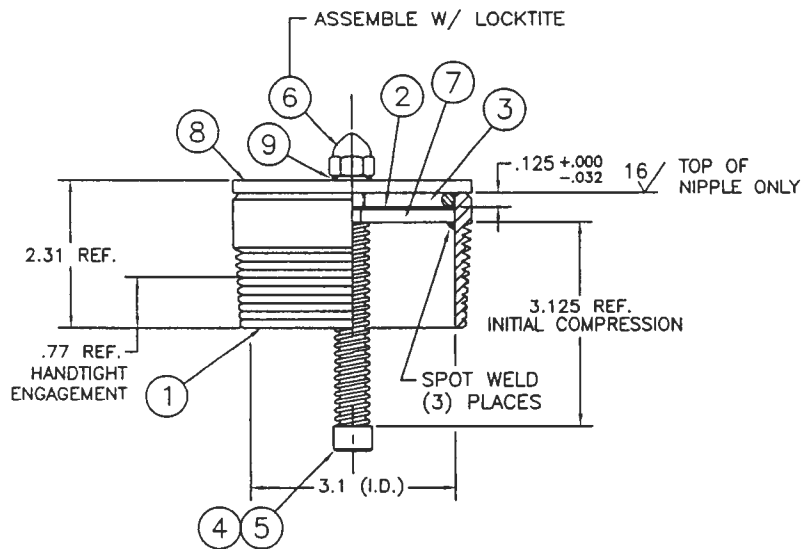
LETTER	DATE	DESCRIPTION	BY
F	03/25/97	CHANGED THE RETAINER	DAK
E	09/10/96	ITEMS 7 & 8 WERE 7 GA.	DJM
D	08/23/96	RE-DESIGNED RETAINER AND REVISED GASKET TYPE	DJM
C	05/31/98	REVISED ITEM 1 AND 8, ADDED DISCLAIMER	DJM
B	05-24-94	NEW TILLBLOCK, ADD S, M, & V LAYERS	DWP
A	06-18-93	START	DWP

TRAMONT CORPORATION

SCALE: NIS	FRACIONS: - - / - 5	XX - - / - .125	THIRD ANGLE	DWP
DATE: 06-18-93	XXX - - / - .250	XXX - - / - .062	SALES	THE L.L.W.

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DESCRIPTION: 3" NPT EMERGENCY PRESSURE RELIEF VENT OPTION #2263	DRAWING NO: 102-4008



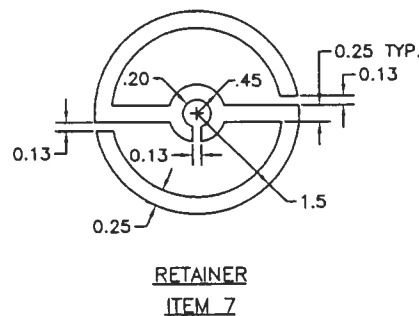
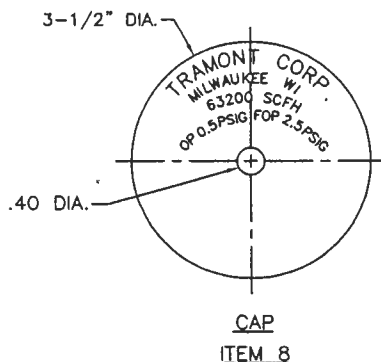


ITEM No.	QTY.	DESCRIPTION	MATERIAL
1	1	3" NPT (TOE) NIPPLE x 2" LG. (NON-THREADED FLAT END W/ 1/8" x 30° CHAMFER ON O.D.)	3" PIPE
2	1	3" DIA. 40 MESH SCREEN W/ 1/2" HOLE IN CENTER	BRASS
3	1	"O"-RING #2-335 3-1/8" O.D. X 3/16" WIDTH	NITRILE
4	1	3/8-16 SOCKET HEAD CAP SCREW 3-1/2" LG.	
5	1	SPRING, SPEC C0600-055-3000	MUSIC WIRE
6	1	3/8-16 ACORN NUT	
7	1	RETAINER (SEE DETAIL.)	10 GA. HRPO
8	1	CAP (SEE DETAIL.)	10 GA. HRPO
9	1	"O"-RING #2-012 1/2" O.D. X 1/16" WIDTH	NITRILE

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 DEC 30 2005  
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 NTS DEG REGION 8

NOTES:

- PARTS #1, #7, & #8 TO BE YELLOW ZINC DI-CHROMATE PLATED.
- SPRING DESIGNED TO OPEN AT 8 oz/in & FULLY OPEN AT 2.5 PSI.



THIS DRAWING SUPERCEDES DRAWING #1024005 WHICH WAS VOIDED.

LETTER	DATE	DESCRIPTION	NAME
F	03/25/97	CHANGED THE RETAINER	DAK
E	09/10/96	ITEMS 7 & 8 WERE 7 GA.	DJM
D	08/23/96	RE-DESIGNED RETAINER AND REVISED GASKET TYPE	DJM
C	05/31/96	REVISED ITEMS 1 AND 8, ADDED DISCLAIMER	DJM
B	05-24-94	NEW TITLEBLOCK, ADD S, M, & V LAYERS	DWP
A	06-16-93	START	DWP
CHANGE BLOCK			

TRAMONT CORPORATION

SCALE: NTS	FRACTIONS = +/- .5	XX +/- .125	DRAWN BY: DWP
DATE: 06-16-93	X = +/- .250	.XXX +/- .062	SALES: DW

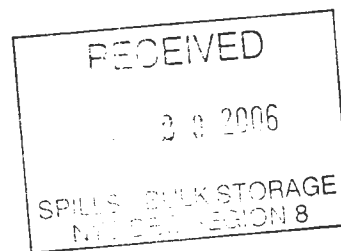
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DESCRIPTION: 3" NPT EMERGENCY PRESSURE RELIEF VENT	DRAWING NO. 102-4008
POB: OPTION #2263	



January 20, 2005

NYS DEC  
Division of Environmental Remediation, Region 8  
Bureau of Technical Support  
6274 East Avon-Lima Road  
Avon, New York 14414-9519



RE: Petroleum Bulk Storage Facility Inspections – Six (6) Sites, RHCS D

Attention: Ms. Wendy Stevenson

Dear Ms. Stevenson:

In response to your letter of January 5, 2006 and the violations dated 6/23/05, 6/24/05 and 6/27/05, we submit the following. We offer these in a generalized form, giving a final report as to the solutions. These are confirmed in re-submittals to you of the DEC Bulk Storage Application forms (attached).

**A. Violation Citation**

1. **Records Update (Section 612.2 (d) - All Sites)**  
Using the new forms supplied, we have re-filled out the data for each site, indicating the closure and removal of the old day tanks and the installation of the new day tanks.
2. **Testing of Tank #1 – Crane Elementary School (PBS #8-013374)**  
Tank and piping testing were tested on July 13, 2005, and found tight. The tank and pipe testing results are indicated on the report. All three pages of the report are attached.
3. **Color Coding of Fill Ports on Day Tanks (Section 613.3(b))**  
These are solid piped into the new day tanks. We have used green taped wrapped around the infill pipe to the tank.
4. **Markings on the New Above Ground Day Tanks Section 613.3 (c) (3)(ii)** Name plates with design capacity, operating capacity, tank number and school name are affixed to each tank.
5. **New Underground Tanks and Facilities Section 614.2(a), 614.3(a)(1), 614.7(d), 614.14**

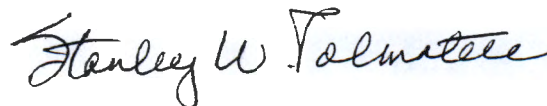
Enclosed please find prints showing the installation of the tanks inspected (other than Crane, which was installed prior to EPA and DEC regulations). I have made several calls to the organizations who installed these tanks. L & O installed the Roth and Burger tanks, D. J. Preston installed the Sperry tanks, and Thurston Brothers installed the Winslow and Fyle tanks. I am attempting to find anyone still within those organizations who can provide the statement you seek that all work was compliant to the regulations in place at that time. I will continue to seek these in writing and forward them to you. I can't guarantee what my relative success will be. However, the letter we sent to you earlier from the licensed PE who oversaw the tank installations at each site is very credible. He has amended the letter to include the Winslow UFT. Even though he did not do the actual installation, he designed and supervised each and every installation, closure and testing of each of these tanks as part of his professional services and fee. He indicated that all tanks overseen by him were installed to the EPA/DEC regulations in force at that time. Again, this was not done at Crane, which was installed in 1973 prior to EPA and DEC regulations.

I will not be back in the office until February 2, 2006. When I return on that day, I may have some contractor statements to pass on to you. In either case, I will contact you.

Hopefully, this will complete the portfolios on the corrective measures taken at each site.

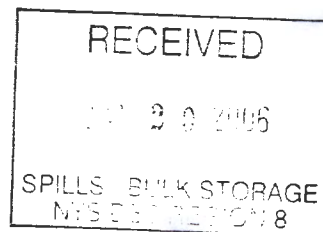
If you have further question, please do not hesitate to call me at (585) 359-5385.

Sincerely,



Stanley W. Polmateer  
Sr. Director of School Facilities

Attach







Rochester ■ Buffalo ■ Syracuse ■ Albany

**Mechanical/Electrical  
Engineering Consultants**

January 20, 2006

**RUSH-HENRIETTA CENTRAL SCHOOL DISTRICT**  
1133 Lehigh Station Road  
Henrietta, NY 14467

Attention: Mr. Stan Polmateer

Dear Stan:

Per our discussion today regarding the fuel oil installation plans of the underground tank and piping systems at the District's Winslow, Sperry, Roth, Fyle and Burger Schools, this office does not have any plans or records of these installations. The design of the systems was completed while I was employed with another consulting firm. While I was not the installer of these systems, to the best of my knowledge, the tanks and piping were installed in compliance with the latest codes at the time.

Should you have any questions, please call.

Sincerely,

*M/E ENGINEERING, P.C.*

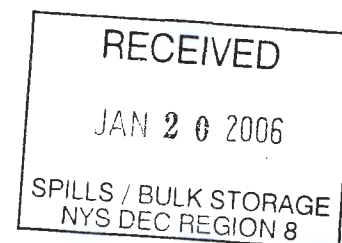
A handwritten signature in black ink that reads 'Kubli'.

Kurt P. Kubli, P.E.

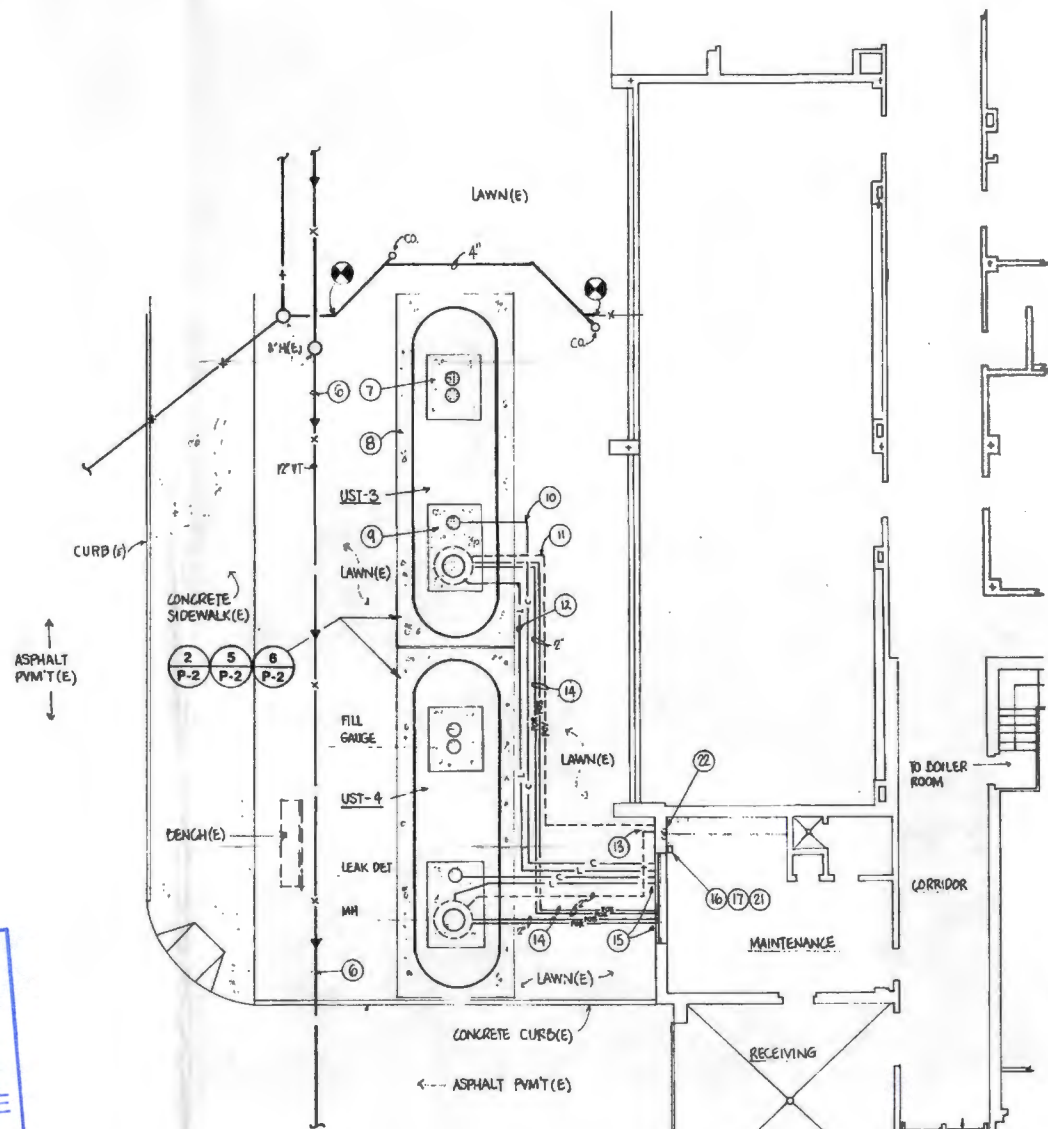
Manager, Plumbing & Fire Protection Group

KPK/jlb

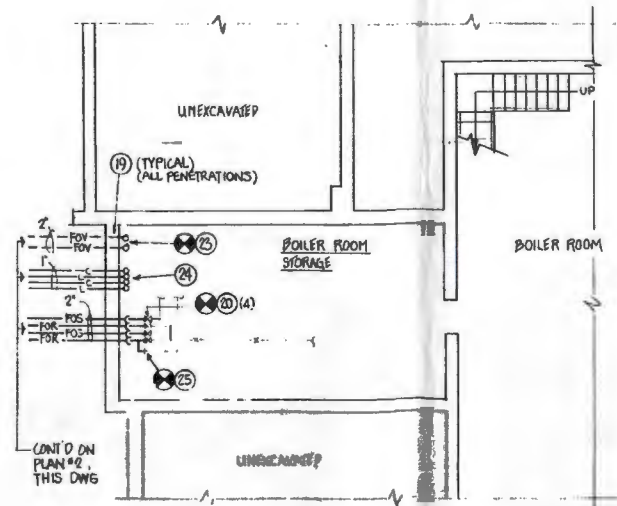
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RECEIVED  
 JAN 20 2006  
 SPILLS / BULK STORAGE  
 NYS DEC REGION 8

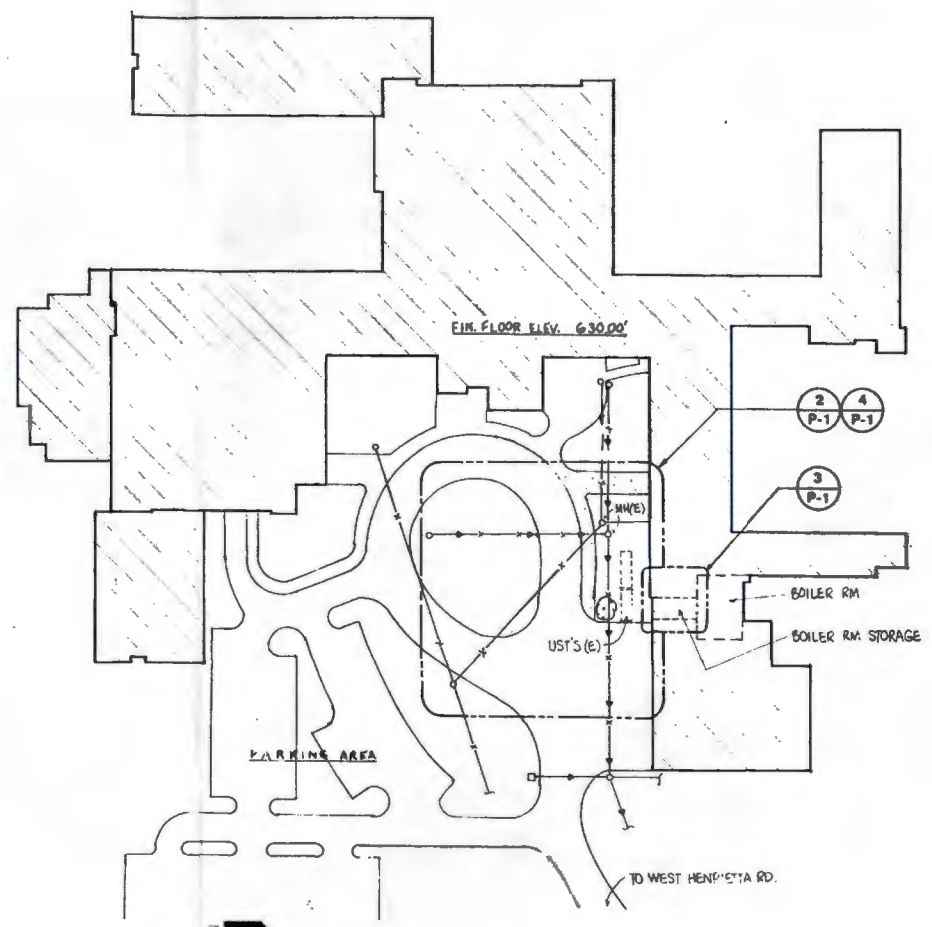


**PARTIAL SITE PLAN**  
 SCALE: 1/8"=1'-0"

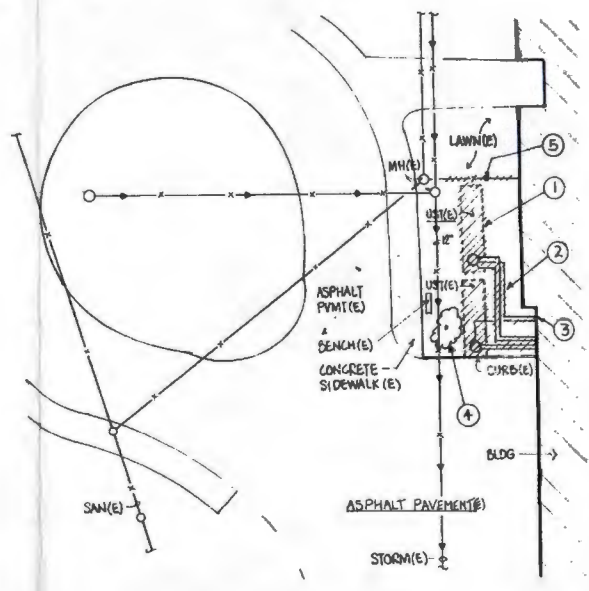


**BOILER ROOM STORAGE-FLOOR PLAN**  
 SCALE: 1/8"=1'-0"

- DRAWING SHEET P-1
- REMOVE TWO (2) EXISTING 10,000 GALLON UNDERGROUND OIL STORAGE TANKS COMPLETE INCLUDING CONCRETE PADS, STRAPS AND PIPING FROM TANKS TO INSIDE BUILDING. REFER TO DETAILS 11 OF SECTION P-3 FOR REMOVAL DETAILS.
  - REMOVE EXISTING UNDERGROUND OIL SUPPLY AND OIL RETURN PIPING FOR EACH TANK.
  - REMOVE EXISTING UNDERGROUND OIL TANK VENT FOR EACH TANK BACK TO INSIDE FOOTING WALL.
  - REMOVE EXISTING TREE. REMOVE STUMP TO BELOW GRADE.
  - REMOVE EXISTING 4" SANITARY LINE (REMOVED LOCATION) IN WAY OF TANK EXCAVATION. PROVIDE 4" RAB. BOTTED AROUND EXCAVATION AS SHOWN ON PLAN #2, THIS DRAWING.
  - PROTECT EXISTING 12" VIT. CLAY TILE PIPE FROM DAMAGE.
  - REINFORCED CONCRETE PAD AROUND TANK BOXES. 5'-0" X 6'-0" X 8" SIZE (TYPICAL OF 2).
  - REINFORCED CONCRETE HOLD DOWN PAD. REFER TO UTY SCHEDULE ON SHEET P-3 FOR SIZE (TYPICAL OF 2).
  - REINFORCED CONCRETE PAD AROUND TANK MANHOLE & BOXES. 5'-0" X 6'-0" X 8" SIZE (TYPICAL OF 2).
  - CONTROL WIRING AND 1" CONDUIT BETWEEN LEAK DETECTION MONITOR PANEL AND TANK PROBE (TYPICAL OF 2).
  - 3" OIL TANK VENT (TYPICAL OF 2).
  - CONTROL WIRING AND 1" CONDUIT BETWEEN LEVEL GAUGE AND TANK LEVEL TRANSMITTER (TYPICAL OF 2).
  - (3) 3" FUV CONTINUED ON PLAN #2, THIS DRAWING.
  - SLOPE PIPING BACK TO TANK.
  - PIPING & CONTROL WIRING CONT'D ON PLAN #3, THIS DRAW.
  - UTY #3 & UTY #4 LEAK DETECTION MONITOR PANEL (ONE PANEL).
  - UTY #3 & UTY #4 TANK LEVEL GAUGE PANELS (TWO PANELS).
  - NOT USED.
  - SLAB & SEAL FOUNDATION WALL PENETRATIONS WATER-TIGHT. PROVIDE SEALING ELBOWS.
  - CONNECT 2" FOR 4 2" FOR EXISTING PIPING INSIDE FOUNDATION WALL. PROVIDE POSSIBLE LINE VALVES (TYPICAL OF 4).
  - DISCONNECT AND REMOVE EXISTING LEVEL GAUGES COMPLETE.
  - EXISTING 3" FUV'S UP.
  - CONNECT TO EXISTING 2" VENT LINES.
  - CONTROL WIRING & CONDUIT UP TO GAUGES ABOVE. OFFSET OVER & UP. SLAVEY AND FIRE PROOF SEAL.
  - CONNECT EXISTING RELIEF VALVE LINE TO FUEL OIL RETURN.



**SITE PLAN**  
 SCALE: 1"=60'-0"



**PARTIAL SITE PLAN-REMOVALS**  
 SCALE: 1"=30'-0"

S.E.D. PROJECT NO. 28-17-01-08-0-003-007  
*Alan M. Knutowicz*

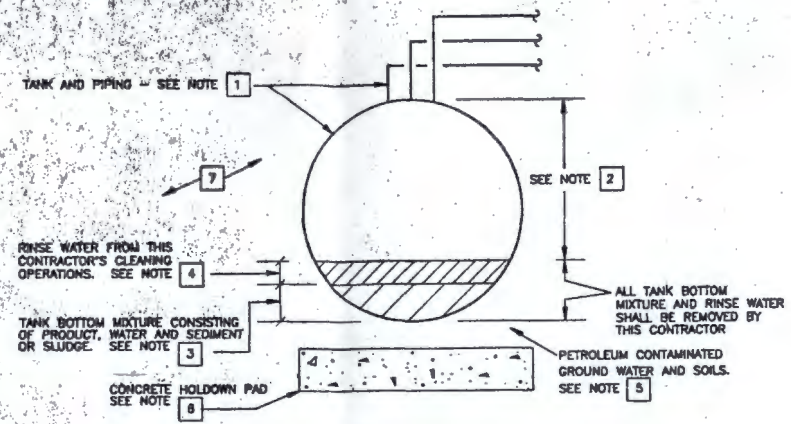
**ALAN M. KNUTOWICZ**  
 ARCHITECT P.C.  
**ROBSON & WOESE INC.**  
 ENGINEERS  
 SYRACUSE & ROCHESTER, NY  
 ONE MAIN STREET, BROOKPORT, NY 14430 (716) 837-3430

RENOVATIONS 1993 B  
**ROTH JUNIOR HIGH SCHOOL**  
**RUSH HENRIETTA CENTRAL SCHOOL DISTRICT**  
 SITE PLAN & PARTIAL SITE PLAN

ROTH  
**R-P-1**  
 3-19-93

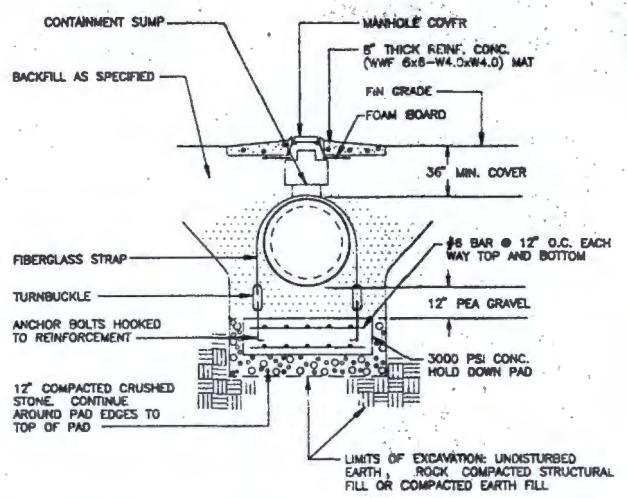
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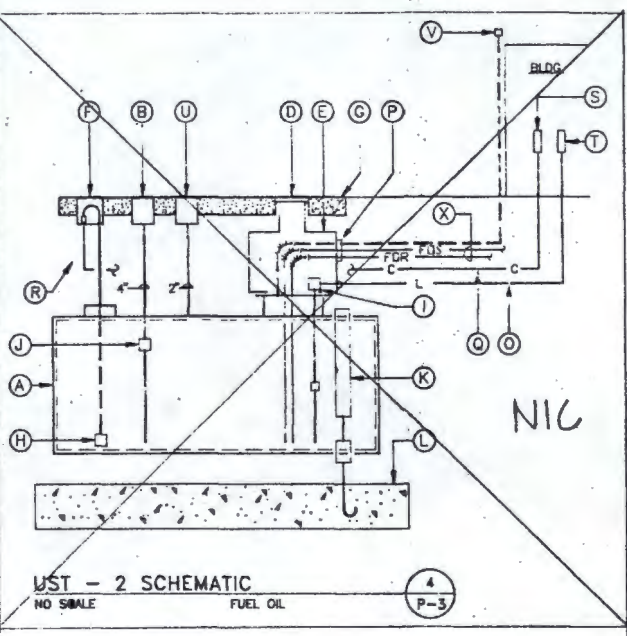
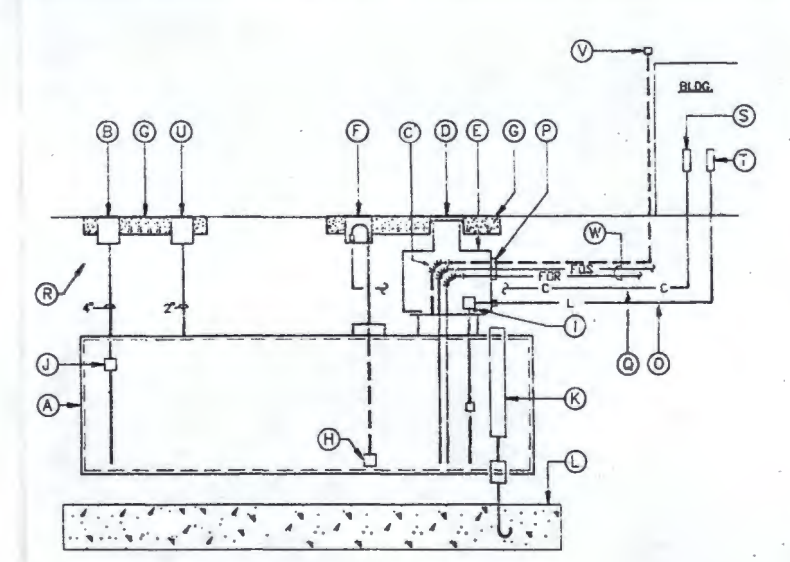
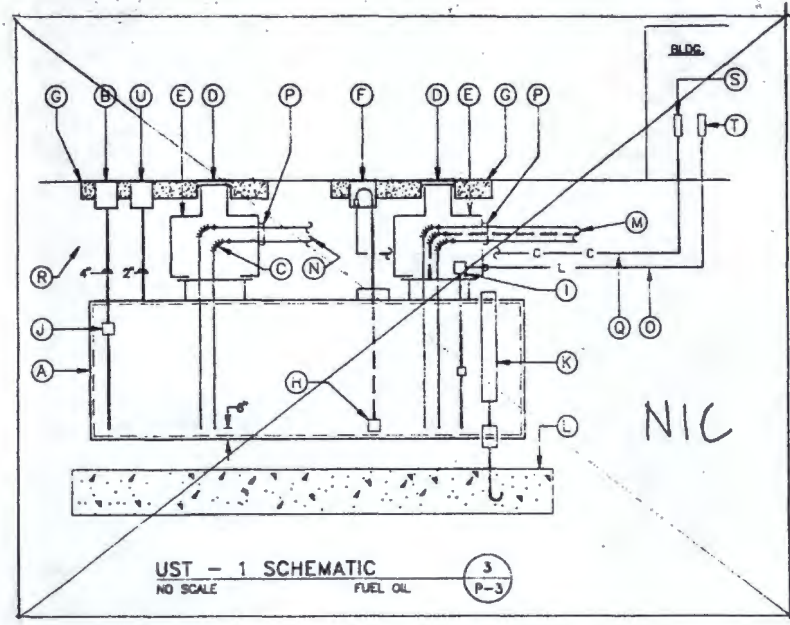


- KEY NOTES FOR TANKS AND LIQUIDS REMOVAL DETAIL:**
- REMOVE AND LEGALLY DISPOSE OF ALL STORAGE TANKS, PIPING AND LIQUID/SEDIMENT WITHIN THE TANK IN ACCORDANCE TO NYS DEC REQUIREMENTS AND GUIDELINES, EPA REQUIREMENTS AND LOCAL AUTHORITIES HAVING JURISDICTION.
  - THE SCHOOL DISTRICT HAS REMOVED THE MAJORITY OF FLUIDS FROM THE TANKS, HOWEVER, SOME LIQUIDS REMAIN. NO SEDIMENT OR SLUDGE HAS BEEN REMOVED FROM THE TANKS.
  - REMOVE AND DISPOSE OF ALL REMAINING LIQUIDS AND SEDIMENT OR SLUDGE FROM THE TANKS. VISIT EACH SITE TO DETERMINE THE EXTENT OF REMOVALS PRIOR TO SUBMITTING BID. ALL COSTS FOR REMOVAL OF LIQUIDS, SEDIMENT OR SLUDGE SHALL BE INCLUDED IN THE BASE BID.
  - CLEAN TANK AND PIPING. REMOVE AND DISPOSE OF ALL RINSE WATER AND RESIDUALS FROM THE TANK/PIPING SYSTEM RESULTING FROM THIS CONTRACTOR'S CLEANING OPERATIONS. ALL COSTS FOR REMOVAL AND DISPOSAL OF THIS RINSE WATER SHALL BE INCLUDED IN THE BASE BID PRICE.
  - PROVIDE UNIT PRICES FOR REMOVAL OF CONTAMINATED SOILS AND GROUND WATER.
  - REMOVE CONCRETE HOLDDOWN PAD
  - REMOVE EXCAVATED MATERIAL AND ASPHALT MATERIAL FROM SITE AND DISPOSE OF LEGALLY.

**TANK AND LIQUIDS REMOVAL** (1) P-2  
NO SCALE



**TANK INSTALLATION DETAIL - SECTION** (2) P-2  
NO SCALE



**UST - 3 AND 4 SCHEMATIC** (5) P-2  
NO SCALE

- KEY NOTES FOR UST SCHEMATIC DIAGRAMS:**
- (A) UST WITH SECONDARY CONTAINMENT
  - (B) SPILL CONTAINMENT FILL BOX, FILL CAP AND ADAPTOR
  - (C) FLEXIBLE CONNECTOR
  - (D) MANHOLE FRAME AND COVER
  - (E) CONTAINMENT SUMP WITH WATERPROOF COVER
  - (F) LEAK DETECTOR PROBE WELL MANHOLE
  - (G) REINFORCED CONCRETE PAD AROUND TANK MANHOLE
  - (H) LEAK DETECTION PROBE
  - (I) TANK LEVEL TRANSMITTER
  - (J) OVERFILL PREVENTION VALVE AND DROP TUBE
  - (K) ANCHOR STRAP, TURNBUCKLE AND ANCHOR. REFER TO UNDERGROUND STORAGE TANK SCHEDULE FOR SIZE
  - (L) REINFORCED CONCRETE HOLD DOWN PAD
  - (M) 1" FDS, 1" FDS, 2 1/2" FDS WITHIN 6" SECONDARY CONTAINMENT PIPE SLEEVE
  - (N) 3/4" FDS AND 1" FDS WITHIN 4" SECONDARY CONTAINMENT PIPE SLEEVE
  - (O) CONTROL WIRING AND CONDUIT BETWEEN LEVEL GAUGE AND TANK LEVEL TRANSMITTER
  - (P) WATERTIGHT BULKHEAD FITTINGS (TYPICAL AT ALL SUMP PENETRATIONS)
  - (Q) CONTROL WIRING AND CONDUIT BETWEEN LEAK DETECTION MONITOR PANEL AND TANK PROBE
  - (R) BACKFILL AS SPECIFIED
  - (S) LEAK DETECTION MONITOR PANEL
  - (T) TANK LEVEL GAUGE
  - (U) STICK GAUGE PORT WITH CAP, ADAPTOR AND MANHOLE
  - (V) VAPOR VENT CAP
  - (W) 2" FDS, 2" FOR WITHIN 6" SECONDARY CONTAINMENT PIPE SLEEVE
  - (X) 3/4" FDS, 3/4" FOR WITHIN 4" SECONDARY CONTAINMENT PIPE SLEEVE

**UNDERGROUND STORAGE TANK SCHEDULE**

DESIGNATION	TANK CONTENTS	TANK VOLUME (GALLONS)	TANK SIZE	HOLD DOWN PAD SIZE	NUMBER OF STRAPS	TURNBUCKLE SIZE	ANCHOR BOLT SIZE	REMARKS
UST-1	#2 FUEL OIL	10000	8'-0" x 30'-6"	11'-0" x 32'-6" x 2'-9"	4	1 1/4"	1 1/4"	
UST-2	#2 FUEL OIL	6000	8'-0" x 19'-6"	11'-0" x 21'-6" x 2'-9"	2	1 1/4"	1 1/4"	SEE NOTE 1
UST-3	#2 FUEL OIL	10000	8'-0" x 30'-6"	11'-0" x 32'-6" x 2'-9"	4	1 1/4"	1 1/4"	
UST-4	#2 FUEL OIL	10000	8'-0" x 30'-6"	11'-0" x 32'-6" x 2'-9"	4	1 1/4"	1 1/4"	
UST	#2 FUEL OIL	10000	8'-0" x 30'-6"	11'-0" x 32'-6" x 2'-9"	4	1 1/4"	1 1/4"	SEE ALTERNATE P-2

NOTE 1: PROVIDE 8'-0" x 21'-6" x 6" REINFORCED CONCRETE TRAFFIC PAD OVER TOP OF TANK. SCORE PAD TO FORM 4'-6" x 5'-6" RECTANGLES. REINFORCE WITH WWF 6 x 6 W4.0 x W4.0 WELDED WIRE MESH LOGGED 2 INCHES BELOW TOP OF SLAB.

RECEIVED  
JAN 20 2006  
SPILLS / BULK STORAGE  
NYS DEC REGION 8

RENOVATIONS '1993B.  
 ROTH JUNIOR HIGH SCHOOL  
 RUSH-HENRIETTA CENTRAL SCHOOL DISTRICT  
 FUEL TANK DETAILS  
 12-19-93

ALAN M. KNUTOWICZ  
 ARCHITECT P.C.  
 ROBSON & WOESE INC.  
 ENGINEERS  
 CONSULTING  
 87 RAULISE & ROCHESTER, NY  
 ONE MAIN STREET, BROOKPORT, NY 14430 (716) 637-2430

PROJECT NO. 12-17-01-06-0-003-C007  
 D. Knutowicz



Rott



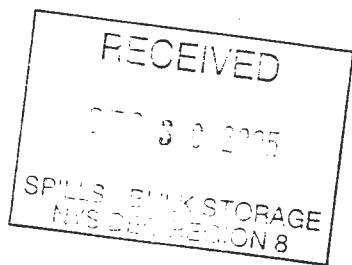
**Parker Administration Building**

2034 Lehigh Station Road  
Henrietta, New York 14467  
Fax 585-359-5045

**J. Kenneth Graham, Jr., Ph.D.**

Superintendent of Schools  
kgraham@rhnet.org  
Phone 585-359-5000

December 29, 2005



NYS DEC  
Division of Environmental Remediation, Region 8  
Bureau of Technical Support  
6274 East Avon-Lima Road  
Avon, New York 14414-9519

RE: Petroleum Bulk Storage Facility Inspections – Six (6) Sites, RHCS

Attention: Ms. Wendy Stevenson

Dear Ms. Stevenson:

As a follow up to our letter of August 9, 2005 and the violations (attached) dated 6/23/05, 6/24/05 and 6/27/05, we submit the following. We offer these in a generalized form, giving a final report as to the solutions. These are confirmed in re-submittals to you of the DEC Bulk Storage Application forms (attached).

**A. Violation Citation**

1. **PBS Registration Certificate – Accuracy of information (Section 612.2)**  
A copy of the correct information is attached showing the removal of the old 275 gallon day tank and installation of the new double walled 275 or 200 gallon day tank configurations, pumps and black iron piping.
2. **Color Coding of Fill Ports on Day Tanks (Section 613.3(b))**  
These are negated with the removal of the old day tanks.
3. **Above Ground Inspection Reports (Section 613.6(c))**  
Report forms have been generated and have been maintained at each building since the inspection.
4. **Secondary containment for Above Ground Day Tanks (Section 613.3(c)(6)(i))**  
This has been alleviated with the installation of the new dual wall day tank systems.
5. **Dike Valves on Above Ground Day Tanks (Section 613.3(c) (6)(iii))**  
See comment in #4.
6. **Markings on Above Ground Day Tanks Section 613.3 (c) (3)(ii)**  
See comment in #4.
7. **Above Ground Tank Gauges Section 613.3(c)(3)**

**RUSH-HENRIETTA CENTRAL SCHOOL DISTRICT**

Crane Elementary School ■ Fyle Elementary School ■ Leary Elementary School ■ Sherman Elementary School ■ Winslow Elementary School  
Burger Middle School ■ Roth Middle School ■ Rush-Henrietta Ninth Grade Academy ■ Rush-Henrietta Senior High School

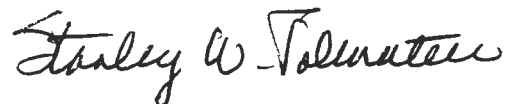
- See comment in #2
8. **Above Ground Operating Valves Section 613.3 (c)(5)**  
See comment in #2
9. **Under Ground Inspection Reports for Leak Detection Section 613.5 (b)(4)**  
See comment in #3
10. **Underground Tank #1 – Crane School (8,000 gallon) Unmetered Tanks - Inventory Records Section 613.4(a)(2)**  
Tank was tested and found tight by Onsyrr during the first week of July 2005. Copy attached.
11. **New Underground Tanks and Facilities Section 614.2(a), 614.3(a)(1), 614.7(d), 614.14**  
A letter has been sent to you earlier from the licensed PE who oversaw the installations of all the tanks in this inspection except Crane which was installed in 1973 prior to EPA and DEC regulations. He indicates that all tanks overseen by him were installed to the regulation in force at that time.
12. **Underground Tank #2 Maintenance of Spill Prevention Equipment Section 613.3(d).**  
Onsyrr has reconstructed the fill port catch basin and replaced/repared the alarm sensors on the 10,000 gallon underground Winslow tank for proper operation.

As you know, we acquired the services of Danforth Mechanical, Onsyrr, Inc. and Opt Tech to verify components within the tank systems on these sites, *as well as, all remaining Rush-Henrietta sites* to make the appropriate corrections in answer to your list of violations. We are pleased to report to you that all systems have been verified and all needed modifications have been completed. Now completed, we believe are in compliance with all EPA and DEC mandates and protocols at this time.

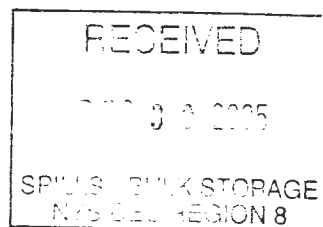
Further, as stated before, we are resubmitting revised Petroleum Bulk Storage Application documents indicating removal of the current day tanks and replacement with new compliant day tanks.

If you have further question, please do not hesitate to call me at (585) 359-5385.

Sincerely,



Stanley W. Polmateer  
Sr. Director of School Facilities



Attach

**PETROLEUM BULK STORAGE APPLICATION**

Pursuant to the Petroleum Bulk Storage Law,  
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14  
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly  
and Complete All Items

**SECTION A—See Instructions on Cover Sheet**



<p>PBS NUMBER <b>8-013420</b></p> <p>Indicate other existing DEC Numbers, if any, for this facility:</p> <p>CBS Number</p> <p>SPDES Number</p>	<p><b>FACILITY</b></p>	<p>FACILITY NAME <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b></p> <p>LOCATION (Not P.O. Boxes) <b>ROTH MIDDLE SCHOOL</b></p> <p>LOCATION (Continued) <b>4000 EAST HENRIETTA ROAD</b></p> <p>CITY/TOWN/VILLAGE <b>HENRIETTA</b> STATE <b>NY</b> ZIP CODE <b>14467</b></p> <p>COUNTY <b>MONROE</b> TOWNSHIP OR CITY <b>HENRIETTA</b></p> <p>NAME OF OPERATOR AT FACILITY <b>John GREENE</b> FACILITY TELEPHONE NUMBER <b>(585) 359-5116</b></p> <p>EMERGENCY CONTACT NAME <b>S. W. PULMATEER</b> EMERGENCY TELEPHONE NO. <b>(585) 359-5385</b></p>	<p><b>TYPE OF PETROLEUM FACILITY:</b> (Check all that apply)</p> <p>A. <input type="checkbox"/> Storage Terminal/Petroleum Distributor B. <input type="checkbox"/> Retail Gasoline Sales C. <input type="checkbox"/> Other Retail Sales D. <input type="checkbox"/> Manufacturing E. <input type="checkbox"/> Utility F. <input type="checkbox"/> Trucking/Transportation G. <input type="checkbox"/> Apartment Building H. <input checked="" type="checkbox"/> School I. <input type="checkbox"/> Farm J. <input type="checkbox"/> Private Residence K. <input type="checkbox"/> Airline (Air Taxi) L. <input type="checkbox"/> Other (Specify Below)</p> <p style="font-size: 2em; color: blue; text-align: center;">COPY</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>RECEIVED DEC 23 2005 PETROLEUM BULK STORAGE DIVISION</p> </div>
<p>TRANSACTION TYPE (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee.</p> <p>1 <input type="checkbox"/> New Facility</p> <p>2 <input type="checkbox"/> Change of Ownership</p> <p>3 <input type="checkbox"/> Substantial Tank Modification</p> <p>4 <input checked="" type="checkbox"/> Information Correction</p> <p>5 <input type="checkbox"/> Renewal</p>	<p><b>OWNER</b></p>	<p>OWNER NAME <b>RUSH HENRIETTA CENTRAL SCHOOLS</b></p> <p>ADDRESS (Street and/or PO Box) <b>2034 LEHIGH STATION ROAD</b></p> <p>CITY <b>HENRIETTA</b> STATE <b>NY</b> ZIP CODE <b>14467</b></p> <p>FEDERAL TAX ID NUMBER <b>16-6002034</b> OWNER TELEPHONE NUMBER <b>(585) 359-5000</b></p> <p>TYPE OF OWNER (Check only one) 1 <input type="checkbox"/> Private Resident 2 <input type="checkbox"/> State Government 3 <input checked="" type="checkbox"/> Local Government 4 <input type="checkbox"/> Federal Government 5 <input type="checkbox"/> Corporate/Commercial</p>	<p>I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.</p> <p>NAME OF OWNER OR AUTHORIZED REPRESENTATIVE <b>Stanley W. Pulmатеer</b> AMOUNT ENCLOSED <b>\$</b></p> <p>TITLE <b>DIRECTOR OF SCHOOL FACILITIES</b></p> <p>SIGNATURE <i>Stanley W. Pulmатеer</i> DATE <b>12/23/05</b></p>
<p>Geographical Locator for this Facility: (If known)</p> <p>LATITUDE</p> <p>DEG MIN SEC</p> <p>LONGITUDE</p> <p>DEG MIN SEC</p>	<p><b>CORRESPONDENCE</b></p>	<p>ATTENTION <b>Stanley W. Pulmатеer</b></p> <p>NAME OF COMPANY <b>RUSH HENRIETTA CENTRAL SCHOOL</b></p> <p>ADDRESS <b>2034 LEHIGH STATION ROAD</b></p> <p>ADDRESS</p> <p>CITY/STATE/ZIP CODE <b>HENRIETTA, NY 14467</b></p> <p>TELEPHONE NUMBER <b>(585) 359-5385</b></p>	<p><b>OFFICIAL USE ONLY</b></p> <p>Page _____ of _____</p> <p>Date Received: ___/___/___</p> <p>Date Processed: ___/___/___</p> <p>Amount Received \$ _____</p> <p>Reviewed By: _____</p>



PBS NUMBER  
8-013420

Tank Information for Petroleum Bulk Storage Facility  
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date (MO) (DD) (YR)	Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection	Tank External Protection		Piping Location		Piping Internal Protection	Piping External Protection	Secondary Containment	Leak Detection	Spill/Overfill Prevention		Dispenser	Last Test Date (Underground Tanks)			
																				(MO)	(DD)	(YR)	
	003	4	1	7/1/1993	12,000	3	6	0	0	2	4	0	0	2	1	5	3	2					
	<del>004</del>	<del>2</del>	<del>3</del>	<del>10/20/2005</del>	<del>275</del>	<del>4</del>	<del>X</del>	<del>0</del>	<del>0</del>	<del>X</del>	<del>X</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>2</del>	<del>3</del>	<del>3</del>				
	<del>005</del>	<del>2</del>	<del>1</del>	<del>12/28/2005</del>	<del>20</del>																		

PAID

KEY FOR SECTION B ACTION

- Initial Listing
- Add Tank
- Close/Remove Tank
- Information Correction
- Recondition/Repair/Reline Tank

- TANK LOCATION**
- Aboveground
  - Aboveground on saddles, legs, stilts, rack, or cradle
  - Aboveground: 10% or more below ground
  - Underground
  - Underground, vaulted, with access

- STATUS**
- In-service
  - Temporarily out-of-service
  - Closed—Removed
  - Closed—In Place
  - Tank Converted to Non-Regulated Use

- PRODUCT STORED**
- Empty
  - Leaded Gasoline
  - Unleaded Gasoline
  - Nos. 1, 2, or 4 Fuel Oil
  - Nos. 5 or 6 Fuel Oil
  - Kerosene
  - Diesel
  - Lube Oil
  - Used Oil (fuel)
  - Used Oil
  - Other\*

- TANK TYPE**
- Steel/Carbon Steel
  - Stainless Steel Alloy
  - Concrete
  - Fiberglass Coated Steel
  - Fiberglass Reinforced Plastic (FRP)
  - Equivalent Technology
  - Other\*
- PIPING TYPE**
- None
  - Steel/Iron
  - Galvanized Steel
  - Fiberglass (FRP)
  - Copper
  - Other\*

- INTERNAL PROTECTION: Tank/Piping**
- None
  - Epoxy Liner
  - Rubber Liner
  - Fiberglass Liner (FRP)
  - Glass Liner
  - Other\*
- EXTERNAL PROTECTION: Tank/Piping**
- None
  - Painted/Asphalt Coating
  - Sacrificial Anode
  - Impressed Current
  - Fiberglass
  - Jacketed
  - Wrapped (Piping)
  - Other\*

- PIPING LOCATION**
- None
  - Aboveground
  - Underground
  - Aboveground/Underground Combination
- SECONDARY CONTAINMENT**
- None
  - Vault
  - Double-Walled Tank
  - Excavation Liner
  - Cut-off Walls
  - Impervious Underlayment
  - Earthen Dike
  - Prefabricated Steel Dike
  - Concrete Dike
  - Synthetic Liner
  - Natural Liner
  - Other\*

- LEAK DETECTION**
- None
  - Interstitial Monitoring
  - Vapor Well
  - Groundwater Well
  - In-Tank System
  - Concrete Pad w/channels
  - Double Bottom
  - Other\*

- SPILL/OVERFILL PREVENTION**
- None
  - Float Vent Valve
  - High Level Alarm
  - Automatic Shut-off
  - Product Level Gauge
  - Catch Basin
  - Vent Whistle
  - Other\*
- DISPENSER**
- Submersible
  - Suction
  - Gravity

\* If other, please list on separate sheet including Tank Number

COPY

**New York State Petroleum Bulk Storage  
UNDERGROUND PETROLEUM TANK  
WEEKLY CHECK OF LEAK MONITORING SYSTEM**

New York State Petroleum Bulk Storage regulations require underground storage tanks meeting the standards for new construction be monitored for leaks at least weekly and the results recorded. **If the tank is double wall, the space between the walls (interstitial space) MUST be monitored.** The interstitial space can be monitored manually or electronically. If monitoring is conducted automatically by a sensing device, the status of the device (power light on, alarm light off) should be checked every week and the results of the status check recorded. If monitoring consists of a visual inspection, a log documenting the inspection must be maintained. If another secondary containment system has been used, the other monitoring systems that can be used would be an in-tank monitoring system (also known as an automatic tank gauge or ATG), or monitoring wells. In addition to the weekly check, if the monitoring is performed electronically (continuous) the electronics need to be checked monthly to be sure that the system is operational.

1. On the following chart, identify the leak monitoring (leak detection) system for each tank.
2. Once a week, check each tank's leak monitoring system for evidence of leaks, and record the results on the following chart. Explain any problems in the comments section.
3. The results of any inventory record, test or inspection which shows a facility is leaking must be reported to the New York State Department of Environmental Conservation within 2 hours of discovery by calling the telephone hotline (518) 457-7362.
4. Remedial measures must be promptly taken to eliminate any leaks or equipment deficiencies.
5. Maintain monitoring records for leak detection systems on the premises for a period of at least one year.

UNDERGROUND PETROLEUM TANK WEEKLY LEAK MONITORING RECORD				
PBS FACILITY REGISTRATION # 8-013420			INSPECTOR: J. DREHER	
FACILITY NAME: ROTH MIDDLE SCHOOL			DATE: 6-30-05	
TANK IDENTIFICATION NUMBER	# 003	#	#	#
TYPE OF FUEL	0001			
DOUBLE WALLED TANKS		RECORD RESULTS OF MONITORING BELOW		
Manual sampling of interstitial space				
Electronic monitoring of interstitial space	X 29009. NORMAL			
Pressure monitoring of interstitial space				
Vacuum monitoring of interstitial space				
SINGLE WALLED TANKS		RECORD RESULTS OF MONITORING BELOW		
In-tank monitoring system (ATG)	X			
Groundwater Observation Wells				
Vapor Observation Wells				
COMMENTS:				
TEST OK				

RECEIVED  
 DEC 30 2005  
 SPILLS / BULK STORAGE  
 NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**New York State Petroleum Bulk Storage  
UNDERGROUND PETROLEUM TANK  
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UNDERGROUND PETROLEUM TANK WEEKLY LEAK MONITORING RECORD				
PBS FACILITY REGISTRATION # <i>8-013420</i>		INSPECTOR: <i>J DREHER</i>		
FACILITY NAME: <i>ROTH MIDDLE SCHOOL</i>		DATE: <i>7-8-05</i>		
TANK IDENTIFICATION NUMBER	# <i>003</i>	#	#	#
TYPE OF FUEL	<i>0001</i>			
DOUBLE WALLED TANKS		RECORD RESULTS OF MONITORING BELOW		
Manual sampling of interstitial space				
Electronic monitoring of interstitial space	<i>2900 g.</i>	<i>NORMAL</i>		
Pressure monitoring of interstitial space				
Vacuum monitoring of interstitial space				
SINGLE WALLED TANKS		RECORD RESULTS OF MONITORING BELOW		
In-tank monitoring system (ATG)	<input checked="" type="checkbox"/>			
Groundwater Observation Wells				
Vapor Observation Wells				
COMMENTS:  <i>TEST OK</i>				

RECEIVED  
 DEC 8 0 2005  
 SPILLS / BULK STORAGE  
 NYS DEC REGION 8



**New York State Petroleum Bulk Storage  
UNDERGROUND PETROLEUM TANK  
WEEKLY CHECK OF LEAK MONITORING SYSTEM**

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UNDERGROUND PETROLEUM TANK WEEKLY LEAK MONITORING RECORD				
PBS FACILITY REGISTRATION # <i>8-013420</i>			INSPECTOR: <i>J. DREHER</i>	
FACILITY NAME: <i>ROTH MIDDLE SCHOOL</i>			DATE: <i>7-15-05</i>	
TANK IDENTIFICATION NUMBER	# <i>003</i>	#	#	#
TYPE OF FUEL	<i>0001</i>			
<b>DOUBLE WALLED TANKS</b>		RECORD RESULTS OF MONITORING BELOW		
Manual sampling of interstitial space				
Electronic monitoring of interstitial space	<i>28009</i>	<i>NORMAL</i>		
Pressure monitoring of interstitial space				
Vacuum monitoring of interstitial space				
<b>SINGLE WALLED TANKS</b>		RECORD RESULTS OF MONITORING BELOW		
In-tank monitoring system (ATG)	<i>L</i>			
Groundwater Observation Wells				
Vapor Observation Wells				
COMMENTS:  <div style="text-align: center; font-size: 1.5em; font-family: cursive;">TEST OK</div>				

RECEIVED

DEC 30 2005

OPLS / BULK STORAGE  
NYS DEC REGION 8

**New York State Petroleum Bulk Storage  
UNDERGROUND PETROLEUM TANK  
WEEKLY CHECK OF LEAK MONITORING SYSTEM**

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UNDERGROUND PETROLEUM TANK WEEKLY LEAK MONITORING RECORD				
PBS FACILITY REGISTRATION # <u>8-013420</u>			INSPECTOR: <u>J. DREHER</u>	
FACILITY NAME: <u>ROTH</u>			DATE: <u>7-29-05</u>	
TANK IDENTIFICATION NUMBER	#	#	#	#
TYPE OF FUEL				
<b>DOUBLE WALLED TANKS</b>		RECORD RESULTS OF MONITORING BELOW		
Manual sampling of interstitial space				
Electronic monitoring of interstitial space	<u>NORMAL</u>			
Pressure monitoring of interstitial space				
Vacuum monitoring of interstitial space				
<b>SINGLE WALLED TANKS</b>		RECORD RESULTS OF MONITORING BELOW		
In-tank monitoring system (ATG)				
Groundwater Observation Wells				
Vapor Observation Wells				
<div style="border: 1px solid blue; padding: 5px; display: inline-block;"> <b>RECEIVED</b>                      DEC 5 2005                      SPILLS / BULK STORAGE                      NYS DEC REGION 8                 </div>				
COMMENTS:				



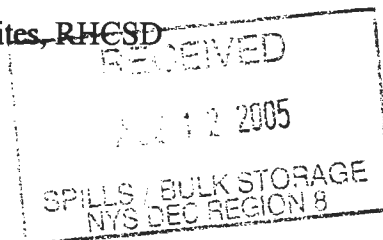
August 9, 2005

NYS DEC  
Division of Environmental Remediation, Region 8  
Bureau of Technical Support  
6274 East Avon-Lima Road  
Avon, New York 14414-9519

RE: Petroleum Bulk Storage Facility Inspections – Six (6) Sites, RHCS

Attention: Ms. Wendy Stevenson

Dear Ms. Stevenson:



As a follow up to the violations (attached) dated 6/23/05, 6/24/05 and 6/27/05, we submit the following. We offer these in a generalized form, at this point, giving a progress report as to final solutions. These will all be confirmed in re-submittals to you of the DEC Bulk Storage Application forms.

**A. Violation Citation**

1. **PBS Registration Certificate – Accuracy of information (Section 612.2)**  
A copy of the correct information will be submitted when the new day tank configurations arrive so that we can close-out the old 275 gallon tanks and replace them with the new double walled replacement day tanks, pumps and black iron piping.
2. **Color Coding of Fill Ports on Day Tanks (Section 613.3(b))**  
These will all be negated upon removal of the old day tanks.
3. **Above Ground Inspection Reports (Section 613.6(c))**  
Report forms have been generated and have been maintained at each building since the inspection.
4. **Secondary containment for Above Ground Day Tanks (Section 613.3(c)(6)(i))**  
This will also be alleviated with the installation of the new dual wall day tank systems.
5. **Dike Valves on Above Ground Day Tanks (Section 613.3(c) (6)(iii))**  
See comment in #4.
6. **Markings on Above Ground Day Tanks Section 613.3 (c) (3)(ii)**  
See comment in #4.
7. **Above Ground Tank Gauges Section 613.3.3(c)(3)**



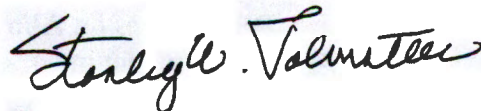
- See comment in #2
8. **Above Ground Operating Valves Section 613.3 (c)(5)**  
See comment in #2
9. **Under Ground Inspection Reports for Leak Detection Section 613.5 (b)(4)**  
See comment in #3
10. **Underground Tank #1 – Crane School (8,000 gallon) Unmetered Tanks - Inventory Records Section 613.4(a)(2)**  
Tank was tested and found tight by Onsyrr during the first week of July 2005.
11. **New Underground Tanks and Facilities Section 614.2(a), 614.3(a)(1), 614.7(d), 614.14**  
A letter is attached from the licensed PE who oversaw the installations of all the tanks in this inspection except Crane which was installed in 1973 prior to EPA and DEC regulations. He indicates that all tanks overseen by him were installed to the regulation in force at that time.
12. **Underground Tank #2 Maintenance of Spill Prevention Equipment Section 613.3(d).**  
A purchase order has been written to Onsyrr to reconstruct the fill port catch basin and replace/repair the alarm sensors on the 10,000 gallon underground Winslow tank for proper operation.

As you know, we acquired the services of Danforth Mechanical, Onsyrr, Inc. and Opt Tech to verify components within the tank systems on these sites, *as well as, all remaining Rush-Henrietta sites* to make the appropriate corrections in answer to your list of violations. We are pleased to report to you that all systems have been verified and all needed modifications have been initiated. We are simply waiting for materials to arrive to complete the corrections. We estimate it will be 5-6 weeks before this occurs. We will advise you when they are complete. Once completed, we believe we will be in compliance with all EPA and DEC mandates and protocols at this time.

Further, as stated before, we will be resubmitting revised Petroleum Bulk Storage Application documents indicating removal of the current day tanks and replacement with new compliant day tanks. 550 gallon waste oil tank. This will be addressed in the next section.

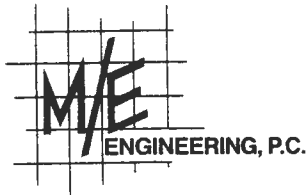
If you have further question, please do not hesitate to call me at (585) 359-5385.

Sincerely,



Stanley W. Polmateer  
Sr. Director of School Facilities

Attach



Rochester ■ Buffalo ■ Syracuse ■ Albany

**Mechanical/Electrical  
Engineering Consultants**

July 18, 2005

**RUSH-HENRIETTA CENTRAL SCHOOL DISTRICT**  
1133 Lehigh Station Road  
Henrietta, NY 14467

Attention: Mr. Stan Polmateer

Dear Stan:

Per our discussion today regarding the fuel oil installation plans of the underground tank and piping systems at the District's Sperry, Roth, Fyle and Burger Schools, this office does not have any plans or records of these installations. The design of the systems was completed while I was employed with another consulting firm. While I was not the installer of these systems, to the best of my knowledge, the tanks and piping were installed in compliance with the latest codes at the time.

Should you have any questions, please call.

Sincerely,

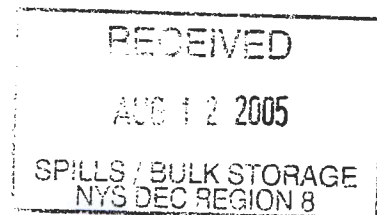
*M/E ENGINEERING, P.C.*

A handwritten signature in cursive script that reads 'Kurt Kubli'.

Kurt P. Kubli, P.E.  
Manager, Plumbing & Fire Protection Group

KPK/jlb

R:\Roch-Information\ME-Depts\Administrative\050718-KPK-Letter-RHCSD.doc



f

**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.state.ny.us](http://www.dec.state.ny.us)



Denise M. Sheehan  
Acting Commissioner

**NOTICE OF VIOLATION**

June 24, 2005

Mr. Stanley Polmateer  
Director of School Facilities  
Rush Henrietta Central School District  
Transportation & Operations Center  
1133 Lehigh Station Road  
Henrietta, New York 14467

Dear Mr. Polmateer:

Re: Petroleum Bulk Storage (PBS) Program Site Inspection -6NYCRR Parts 612-614  
PBS# 8-013420, Inspection # 5616  
Roth Middle School  
4000 East Henrietta Road  
Henrietta (T), Monroe County

This is in follow up to the inspection conducted at the referenced facility on June 13, 2005 to determine compliance with New York State's PBS regulations. These regulations are issued by the New York State Department of Environmental Conservation (DEC) under authority of Article 17, Titles 3 and 10 of the Environmental Conservation Law to reduce leaks and spills of petroleum products to the waters of New York State. I would like to thank Steve Bloss, Richard Baker and you for assistance each of you provided in conducting the inspection.

Violations were identified during that inspection and need your immediate attention to bring the facility into compliance. Citations to the applicable regulations are noted in brackets and pertain to the tanks that are listed. Refer to the enclosed copy of the inspection checklist. The law requires that you comply fully with the PBS regulations. You must correct all of the violations noted below within the stated time frames and submit required documentation.

Inspection Item #2

**PBS Registration Certificate - Accuracy of information - [Section 612.2].** Several deficiencies in the registration information need to be corrected. It was noted that the correspondence address needs to be updated. In addition, if the operator has changed, that



Mr. Stanley Polmateer  
Page 2  
June 24, 2005

information should be updated. Review the enclosed preprinted PBS application form that shows the registration data currently on record for this facility, make any necessary changes to the information, and return the completed form within 30 days from the date of this letter.

Inspection Item # 10

UNDERGROUND TANK # 002

**New underground tanks and facilities [Subdivision 614.2(a)] and [Paragraph 614.3(a)(1)] and [Subdivision 614.7(d)] and [Section 614.14].** This tank is deficient in the areas listed below.

- As built plans or drawings were not available at the inspection. The owner must maintain an accurate drawing or as-built plans which show the size and location of any new underground tank and piping system. These plans must include a statement by the installer that the system has been installed in compliance with PBS regulations 6 NYCRR Part 614. [Subdivision 614.7(d)]. Within 30 days from the date of this letter, submit a copy of the plans/drawings with the required statement.

Inspection Item #11

UNDERGROUND TANK #002

**Monitoring Records for Leak Detection - [Paragraph 613.5(b)(4)].** Weekly monitoring records for the monitoring of the interstitial space of this double walled tank are not being maintained. These records must be maintained at the facility property for at least one (1) year. Submit copies of the last three weekly monitoring reports within 30 days from the date of this letter.

***Corrective Action and Penalties***

As a result of these violations, you are subject to penalties. Pursuant to Environmental Conservation Law Section 71-1929, you may be liable for a civil penalty of up to \$37,500 per day for each of the above noted violations. The violations identified in this letter require your immediate attention. Delays in correcting the violations noted above will affect the amount of penalties for which you will be liable. In addition, under Environmental Conservation Law Section 71-1933, a person may be held criminally liable if any of the foregoing violations was the result of intentional, knowing or criminally negligent conduct.

Note that the inspection may not have disclosed all violations that exist at your site. You are responsible for ensuring that the entire facility is in compliance with applicable requirements. Except where a shorter time frame is expressly required, within 30 days from the date of this notice you must submit either documentation that the violations have been corrected or a plan to achieve compliance, as noted above. In accordance with any corrective action plan, you must submit documentation after compliance is achieved.

Mr. Stanley Polmateer

Page 3

June 24, 2005

Because a copy of the regulations and some associated brochures and guidance were sent to you recently with another letter, I have not enclosed them with this letter. However, should you need additional copies or have questions or comments on this inspection, please do not hesitate to contact me at the above address or by telephone at (585) 226-5435.

Sincerely,



Wendy Stevenson  
Environmental Program Specialist 1  
Spill Prevention and Bulk Storage

Enclosures:

Inspection checklist  
PBS Application and Instructions  
Facility Information Report

**NEW YORK STATE PETROLEUM BULK STORAGE (PBS) REGULATIONS INSPECTION REPORT**

PBS #8-8-013420

Inspection #5616

Inspection Date: June 13, 2005

Facility Name <b>RHCS ROTH MIDDLE SCHOOL</b>	Owner Name <b>RUSH HENRIETTA CENTRAL SCHOOL</b>
Address <b>4000 E HENRIETTA RD, HENRIETTA, NY 14467</b>	Address <b>2034 LEHIGH STA HENRIETTA, NY 14467</b>
Operator: <b>RUSH HENRIETTA CENTRAL SCHOOL DISTRICT</b>	Contact <b>STANLEY POLMATEER</b>
Phone Number: <b>(585) 359-5385</b>	Phone Number <b>(585) 359-5000</b>

FACILITY REPRESENTATIVE and Title Stanley Polmateer (Dir School Facilities), Steve Bloss, Richard Baker

NYSDEC REPRESENTATIVE and Title Wendy Stevenson (EPS1), Tim Walsh (Environmental Engineer 2)

**FACILITY REGISTRATION**

1. Is the registration certificate posted at the facility? See Part 612.2. YES
2. Is registration information current & correct? See Part 612.2. NO (see comments in NOV)
3. **Monitoring wells** are marked and secured-Part 613.3(b)(4). N/A

**COPY**

Registration Identification Number	003			
Underground or Aboveground Tank	UST			
Product Stored/Tank Volume if different than registered	#2 F OIL 12,000			
Date Installed	JULY 1993			
4. Tanks permanently closed properly? Y/N/X	X			
5. Tanks temporarily closed properly? Y/N/X	X			
6. Were any unreported spills observed during the inspection? Y/N	NO			
7. Have tank top and dispenser sumps and fill port catch basins been properly maintained? Y/N (accumulation of product)/1 (poor condition)	YES			
8. The fillport is color coded to identify the product in the tank. See 613.3(b).	YES			
9. Motor fuel tank has pressurized piping and is equipped with shear valve. Y/N/1 (Inoperative)	X			

**Underground Tanks**

10. Tank installed after 12/86, tank system meets standards. If no, missing items? (1) corrosion resistant, (2) secondary containment, (3) leak monitoring, (4) overfill prevention (auto shut-off valve, high level alarm or ball float valve) and have (5) corrosion resistant piping with (6) leak monitoring (line leak detector for pressurized piping) or (7) only having one check valve under the pump in suction piping system (8) tank label (9) as-built plans or drawings.	9			
11. Leak monitoring (UST) being done (2- wall tank - interstice is checked) Y/N/1 (inoperative system)/2 (monitoring records not maintained)/3 (inappropriate method)	2			
12. Cathodic protection for steel UST and piping systems monitored annually Y/N (missing both)/ 1 (no monitoring on tank)/ 2 (no monitoring on line/ 3 (records not maintained)/ 4 (system not maintained to achieve protection)/5 (inadequate method)	X			
13. Inventory records (USTs) metered Mark (1) for no records, (2) for poor equipment, (3) for no reconciliation, (4) for reconciliation performed other than 10 days.	X			
14. Unmetered tanks - have annual standpipe, or tank test or other leak detect method	YES >	interstitial monitoring		
15. Tightness testing (USTs) has been conducted on the tank and piping system Check for both tank and piping. Y/N/ 1 (entire tank not tested)/2 (no test on line)	X			



1. Registration form is required to be posted at the facility [612.2(e)]. Ideally it should be posted in a conspicuous place that would be visible when the facility is not open.
  2. The registration information must be current. [612.2(d)] Check on the owner/operator information as well as the information on the tanks.
  3. All monitoring wells must be labeled and secured [613.3(b)(4)]. The wells should preferably be locked closed so that no delivery can be made into the well or other vandalism can be done.
  4. Proper closure means that the tank has been emptied, cleaned and either removed or filled with a solid, inert material (sand/concrete/foam) [613.9(b)].
  5. Check for tanks that are no longer in service but have not been properly closed. If the tank is to stay in temporary closure, the owner must keep the tank registered and comply with all testing and inspection requirement. [613.9(a)]
  6. Check the areas around the tank for any areas of contamination/product accumulations. [613.8]
  7. Check the tank top and dispenser sumps and fill catch basins to be sure that no product has accumulated and that the equipment is in good condition so that if a spill occurs that it would be contained. [613.3(d)]
  8. All ASTs and USTs must have the fill port color coded. See Subdivision 613.3(b) for proper color and symbols.
  9. Motor fuel dispensers with pressurized piping must have a shear valve at the base of the dispenser [613.3(c)(1)]. Check to see that the valve was installed properly (flush with the top of the concrete and bolted to the form). Inoperative means that the valve was either installed improperly or that the condition of the valve is so poor that it is obvious that it would not work.
- 
10. USTs must be installed in conformance with Part 614.
  11. USTs meeting the standards for new construction must be monitored for leaks at least weekly [613.5(b)(3)]. If the tank is double wall, the interstitial space **MUST** be monitored [614.5(b)]. The interstice can be monitored manually or electronically. If another secondary containment system has been used, the other leak monitoring systems that can be used would be an automatic tank gauge or monitoring wells inside the secondary containment system (vault or excavation liner) [614.5]. If the leak monitoring is performed electronically (continuous), the electronics need to be checked monthly to be sure that the system is operational. **Monitoring records must be kept on the premises for a period of one year.**
  12. USTs with cathodic protection systems must be monitored at least annually [613.5(b)(2)]. Most systems use sacrificial anodes and will be monitored using a copper/copper sulfate reference cell and a high impedance volt meter. While the regulations are not specific, there needs to be at least 3 readings per tank and 1 per piping system that is cathodically protected. Acceptable readings are those that are more negative than -0.85 volts. Inadequate method means that not enough readings were taken to demonstrate that the tank or piping system was receiving adequate protection.
  13. Inventory records are required for all USTs [613.4]. If the tank has a **metered dispenser** (motor fuels) then records must be kept of sales, deliveries etc. Stick readings need to be taken to the closest 1/8". Check the condition of the stick to be sure unbroken. Check for reconciliation every 10 days (inventory discrepancies), a calculation of a threshold and comparison of the discrepancy with the threshold to see if there is an apparent product loss. If there is an apparent product loss, determine if it has been properly investigated to determine cause.
  14. If the tank is **unmetered** (heating oil) then there is a need for inventory losses to be detected in an alternative manner [613.4(a)(2)]. Acceptable options would include an annual standpipe analysis or tank test or monitoring for inventory losses during the off season. See SPOTS #4.
  15. USTs not exempt under Paragraph 613.5(a)(2) must have a tightness test once every 5 years (this includes tanks that have been retrofitted with cathodic protection, a tank liner or both to meet the EPA requirements). It is important that this test include the entire tank system - both the tank and the piping system. This can be done in one of three ways. 1. An overfilled tank test (Petro-Tite). With pressurized piping systems, a separate line test is required. 2. An underfill product test, ullage test and piping line test. 3. A non-volumetric test (Tracer or Vacuum). With the vacuum tests, it is important that the presence of groundwater be determined next to the tank. While making this determination, the tester must check for any contamination to the environment. A separate line test is required for pressurized piping systems and for suction piping with the check valve at the tank.

**Aboveground Tanks**

16. Tank installed after 12/86, <b>tank system meets standards</b> . If no, missing items? Y/N/X ASTs must be (1)welded steel with adequate (2)surface coating (paint), if on soil have (3)cathodic protection and if on grade have an (4)impermeable barrier under the tank with the ability to (5)monitor for leaks.				
17. <b>Monthly inspections</b> for all ASTs Y/N/1 (records not maintained)				
18. <b>Ten year inspections</b> for ASTs Y/N/X/1 (records not maintained)				
19. <b>Secondary containment</b> (ASTs ≥ 10,000 gallons) good condition/design Y/N/1 (not maintained) (ASTs < 10,000 gallons) If using alternatives to secondary containment SPOTS #17 issues addressed. Y/N/1 (equipment not maintained)				
20. <b>Dike drain valves</b> are locked in a closed position Y/N/X				
21. <b>Gauge, high level alarm or other equivalent device</b> for ASTs Y/N/1 (inoperative)				
22. <b>Design/working capacity, and id number</b> - marked on AST and at gauge.				
23. <b>Solenoid</b> or equivalent valve in place for gravity-fed motor fuel dispensers Y/N/1 (inoperative)/X (not applicable)				
24. <b>Check valve</b> in place for pump-filled tanks with remote fills. Y/N/1 (inoperative)/X(not applicable)				
25. <b>Operating valve</b> in place on every line with gravity head. Y/N/1 (inoperative)/X (not applicable)				

**FEDERAL UST Questions**

003 \*\*\* Heating Oil Tank Exempt from Federal Regs

26. For permanent closed USTs, site assessment performed? Y/N/X/1 (inadequate)	X			
27. Is the <b>tank corrosion resistant</b> ? N/A(Installed corrosion resistant)/B(interior lining)/C(retrofit c.p.)	X			
28. Is the <b>pipng system corrosion resistant</b> ? N/A(Installed corrosion resistant)/B(retrofit c.p.)	X			
29. Is <b>spill catch basin</b> installed and operational? Y/N/1 (inoperative)	X			
30. Is <b>overflow prevention system</b> installed and operational? N/A(shutoff valve)/B(high level alarm)/C(ball float valve)/1 (inoperative)	X			
31. <b>Tank Leak detection method</b> being used: N(None)/ A -Tank testing and inventory monitoring (only if retrofitted corrosion protection or installed less than 10 years ago; if more, then other leak detection method required), B- ATG, C - Manual Tank Gauging (MTG) (limited to tanks ≤ 1000 gal), D- SIR, E- interstitial, F- Groundwater monitoring wells, G - Vapor monitoring wells, H- Other	X			
32. <b>Piping Leak Detection being used</b> : N (None)/ Suction: exempt (X) or A - line test every 3 years/B- monthly monitoring Pressurized: C - line leak detector, and either D - annual Line Test, or E - monthly monitoring of interstitial, SIR, GW well, vapor, other	X			

33. COMMENTS: Tank 003 is a ~~10,000~~ <sup>12,000</sup> gallon underground tank storing #2 fuel oil, which is used as a secondary source of fuel for the boilers.

16. **ASTs must be installed in conformance with Part 614.9 - 11.**
17. Owners or operators of ASTs must document that they perform a visual inspection of the tank system on at least a monthly basis [613.6(a)]. The inspection must include the exterior of the tanks, pipes, and valves for leaks and maintenance problems as well as a check of the other equipment associated with the tank for operability.
18. Owners or operators of ASTs that are 10,000 gallons or larger (or smaller tanks if could discharge to waters of the State) and are resting on the ground with no impermeable barrier under the tank, must have an internal inspection performed on the AST to check on the structural integrity of the tank floor and shell [613.6(b)]
19. Owners or operators of ASTs that are 10,000 gallons or larger must provide secondary containment systems for the tank [613.3(c)(6)]. This secondary containment must be large enough to hold 100% of the largest tank system within the diked area plus room for freeboard. Numerous materials can be used as long as they are impermeable to the petroleum. Check for the condition of the system to be sure that if a leak occurred that it would be contained. In addition, check to see if there is proper distance from the tank to the dike wall so that if a leak occurred at the top of the tank it would not go over the dike wall to the environment. For ASTs less than 10,000 gallons, owners/operators may not need to provide secondary containment if all the issues in SPOTS #17 have been addressed so that the tank would not reasonably be expected to have a discharge to the environment. Look for the overfill prevention valve (not just a high level alarm or gauge) as well as containment at the fill port, location of the valves, vehicular traffic patterns impacting the tank, flooding situations, fire exposure and potential vandalism with ballistics.
20. Impermeable secondary containment systems will collect precipitation. Owners/operators will need to have some way to remove this precipitation from the dike. Many times this involves a dike drain valve. This valve needs to be locked closed and only open when precipitation is being drained. [613.3(c)(6)(iii)]
21. All ASTs must be equipped with a gauge, high level alarm or overfill prevention valve [613.3(c)(3)]. If a gauge is used, it must be accessible to the carrier. High level alarms must be heard/seen at the fill port. Inoperative means that the condition of the equipment is such that it is not working.
22. The design capacity, working capacity and identification number of the tank must be marked on the tank and at the gauge [613.3(c)(3)(iii)]. The working capacity is generally the safe-fill level or the level at which the alarm/overfill prevention valve will trigger. This is normally at 90% capacity.
23. Solenoid valve (normally closed) or other anti-siphon valve is needed at the tank top so that if the piping system broke, the tank would not be emptied [613.3(c)(2)]. This is only required for tanks connected to motor fuel dispensers. Inoperative means that the valve is in obviously poor condition and not working.
24. Pump-filled ASTs with remote fills are required to have check valves at the fill port to prevent back flow from the tank [613.3(c)(4)]. Inoperative means that the valve would be leaking. This will be obvious by drips at the fillport.
25. All lines with a gravity head must be equipped with an operating valve to control the flow of product [613.3(c)(5)]. This would include any line that drops below the liquid level in the tank including any remote fill lines. Inoperative means that the condition of the valve is so poor that it is obvious that the valve is broken (drops/spills at the valve).

**These Federal UST questions pertain to tanks that are 10% or more underground that are 110 gallons or larger that store any petroleum product except for 1. Tanks storing heating oil (or other heating substitute) used consumptively on the premises and 2. Tanks less than 1,100 gallons storing motor fuel at a residence or a farm.**

26. When EPA USTs are closed an assessment of the environment around the tank and piping system must be performed [280.72]. See SPOTS #14. A site assessment would be considered inadequate if it is obvious that not enough samples were taken.
27. Tanks had to be corrosion resistant by 12/98. The options were to have a tank that was installed corrosion resistant [280.20] (STI-P3, FRP, FRP clad steel or jacketed steel), install an interior lining [280.21(b)(1)](had to meet Part 614.6 requirements), retrofit cathodic protection (c.p.) [280.21(b)(2)](tank had to be assessed to ensure structural integrity) or have both the lining and the c.p. [280.21(b)(3)]
28. Piping systems also had to be corrosion resistant by 12/98. The options were to have a system that was installed corrosion resistant [280.20(b)] or retrofit c. p. [280.21(c)] (the retrofit design had to be done by a corrosion specialist not by the contractor).
29. A spill catch basin is required at the fill port [280.20(c); 280.21(d)]. A basin would be considered inoperative if not functional.
30. An overfill prevention system had to be installed [280.20(c); 280.21(d)]. A shutoff valve and the ball float valve cannot be used with pump fill deliveries. The ball float valve cannot be used with suction piping and stage 1 coaxial vapor recovery. The high level alarms must be visible and/or audible to the delivery person. A system would be considered inoperative if not functioning.
31. Leak detection must be upgraded to something other than tank testing within 10 years of the tank being corrosion resistant [280.41(a)]. For the 10 years after a tank is corrosion resistant, the o/o can use tank testing every 5 years in conjunction with inventory. After a leak detection system must be used to monitor for leaks once per month (minimum).
32. Piping systems must have a leak detection system unless it is a suction system with the check valve under the dispenser with the piping sloped back to the tank [280.41(b)]. Pressurized piping must have two forms of leak detection [280.41(b)(1)] - line leak detector (or continuous monitoring of the interstitial space/sump) plus a monthly monitoring system or an annual line test.
33. To determine the general facility condition, look at general housekeeping practices, look for abandoned tanks, look at the fill ports, catch basins, under dispensers, tank top sumps and any other areas where leaks may be prevalent. If everything is clean, give the facility a good condition, if things are not well maintained give a fair condition, if spills have been discovered, give a poor condition.





**PBS # :**  
**8-013420**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Petroleum Bulk Storage Program**  
**Facility Information Report**

Printed : 2/25/2016

pbsfacrpt\_foil.rpt

<u>Site Information</u>	<u>Tax Map Information</u>	<u>Site Owner Information</u>	<u>Mail Correspondent Information</u>
RUSH HENRIETTA CENTRAL SCHOOL ROTH MIDDLE SCHOOL 4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467	Boro/Sec.: Block: Lot:	RUSH HENRIETTA CENTRAL SCHOOL 2034 LEHIGH STATION ROAD HENRIETTA, NY 14467  (585) 359-5000 Owner Type : Local Government	RUSH-HENRIETTA CENTRAL SCHOOL 1133 LEHIGH STATION ROAD HENRIETTA, NY 14467  ATTN: DIRECTOR OF SCHOOL  (585) 359-5385
Site Phone: (585) 359-5116 Town: Henrietta County: Monroe Class B (On-Site) Operator: JOHN DREHER Class A (Primary) Operator: Emergency Contact: KENNETH A NELSON		Authorized Representative: KENNETH A NELSON Emergency Phone: (585) 359-5385	

Site Status : Active		Reg Expires : 12/02/2016		Cert Printed: 10/14/2011		Total Active Tanks : 1		Last Inspected: 04/01/2014															
Site Type: School		Cert Issued: 09/28/2011		Total Active Capacity : 12,000		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	Next Tank Test	Next Line Test	Tank Owner
003	5	1	07/01/1993		12,000	0001	06	00	04	04	01	03	01	02	02	10	05	04	09				
001X	5	3	12/01/1950	08/01/1993	10,000	0001	01	00	00	00	00	04		02	02	01	00						
002X	5	3	12/01/1950	08/01/1993	10,000	0001	01	00	00	00	00	04		02	02	01	00						

(See Reverse Side or Last Page for Code Keys)

# PETROLEUM BULK STORAGE APPLICATION - 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. Tank 10% or more below ground
5. Underground including vaulted with no access for inspection
6. Aboveground in Subterranean Vault w/access for inspections

## Status (4)

1. In-service
2. Out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use
- D. Delivery Prohibited

## 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. Jet 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 (AST Only)
- 02. Vault (w/access)
- 03. Vault (w/o access)
- 04. Double-Walled (UST Only)
- 05. Synthetic Liner
- 06. Remote Impounding Area
- 07. Excavation Liner
- 09. Modified Double-Walled (AST Only)
- 10. Impervious Underlayment (AST Only)\*\*
- 11. Double Bottom (AST Only)\*\*
- 12. Double-Walled (AST Only)
- 99. Other - Please List:\*

## 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 (AST Only)
- 07. Statistical Inventory Reconciliation (SIR)
- 08. Weep holes in vaults with no access for inspection.
- 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 (AST)
- 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)
- 99. Other - Please List:\*

## Pipe Leak Detection (20)

- 00. None
- 01. Interstitial Electronic Monitoring
- 02. Interstitial Manual Monitoring
- 03. Vapor Well
- 04. Groundwater Well
- 07. Pressurized Piping Leak Detector
- 09. Exempt Suction Piping
- 10. Statistical Inventory Reconciliation (SIR)
- 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.



**NEW YORK STATE DEC PETROLEUM BULK STORAGE (PBS) REGULATIONS INSPECTION REPORT**

DATE: 4/1/14 | PBS#: 8-013420 or  Unregistered | Inspection #: 37679  
 FACILITY Representative, Name & Title: KEN NELSON  
 NYSDEC Inspector, Name & Title: THOMAS GRASEK ENVIR. ENG. TECH

Facility Name: <u>Roth MIDDLE School</u>	Owner Name: <u>RUSH HENRIETTA CENTRAL School</u>
Facility Address: <u>4000 EAST HENRIETTA Rd</u> <u>HENRIETTA</u>	Owner Address: <u>2034 LEHIGH STATION Rd</u> <u>HENRIETTA</u>
Operator: <u>JOHN DREHER</u> Phone Number: <u>585-359-5116</u>	Emergency Contact: <u>KEN NELSON</u> Phone Number: <u>585-359-5385</u>

**Facility-Level Information (circle answer; indicate dispenser-specific information in comments section)**

1. Is the registration certificate posted at the facility? <input checked="" type="radio"/> Y / N	2. Is registration information current & correct? <input checked="" type="radio"/> Y / N
3. Are monitoring/observation wells marked and secured? <input checked="" type="radio"/> Y / N / X <u>one end of TANK</u>	
4. Have dispenser sumps been properly maintained? Y/N (accumulation of product) / 1 (accumulation of water/debris) / <input checked="" type="radio"/> X (no sump)	
5. For a motor fuel tank with pressurized piping, is a shear valve installed? Y / N (no shear valve) / 1 (inoperative valve) / 2 (improperly installed) / <input checked="" type="radio"/> X (not pressurized piping)	

**Tank Registration Identification Number**

003

Product Stored / Tank Volume if different than registered	<u>#2</u>	<u>12K</u>			
Date Installed	<u>7/1/93</u>				
6. Is the tank properly permanently closed? Y / N / X (active tank)	<input checked="" type="checkbox"/>				
7. Is the tank properly temporarily closed? Y / N / X (active tank)	<input checked="" type="checkbox"/>				
8. Were any spills observed (also include suspected releases from leak detection equipment and uninvestigated inventory discrepancies)? Y / N	<u>N</u>				
9. Have tank top sumps been properly maintained? Y / N (accumulation of product) / 1 (accumulation of water/debris) / X (no sump)	<u>Y</u>				
10. Have fill port catch basins (spill buckets), been properly maintained? Y/N (accumulation of product) / 1 (accumulation of water/debris) / X (no catch basin)	<u>Y</u>				
11. Is the fill port color coded to identify the product in the tank? Y / N / 1 (incorrectly coded) / X (used oil tank or day tank)	<u>Y</u>				

**Underground Storage Tanks**

12. For UST systems installed after Dec. 27, 1986, does the tank system meet standards? Y / X (tank system installed prior to Dec. 27, 1986) If not, how is the tank system deficient? 1 (tank not corrosion resistant) / 2 (no tank secondary containment) / 3 (no tank leak monitoring) / 4 (no overfill prevention) / 5 (piping not corrosion resistant) / 6 (no piping leak monitoring) / 7 (more than one check valve in suction piping system) / 8 (no tank label) / 9 (no as-built plans or drawings)	<u>Y</u>				
13. Is leak monitoring being done? Y / N / 1 (inoperative system) / 2 (weekly leak detection records not maintained) / 3 (monthly operability records not maintained) / 4 (interstitial space on double-walled tanks and/or piping not monitored) / X (Category A or B tank system)	<u>Y</u>				
14. Is cathodic protection for steel tank and piping systems monitored annually? Y / N (no monitoring on either) / 1 (no monitoring on tank) / 2 (no monitoring on line) / 3 (records not maintained) / 4 (minimum protection not provided) / 5 (inadequate monitoring) / X (Category A or B steel tank system or not steel tank system)	<input checked="" type="checkbox"/>				
15. Does the facility have adequate inventory records for metered tanks? Y / X (unmetered tank) If not, which items are deficient? 1 (no records) / 2 (no tank bottom water measurements) / 3 (equipment not capable of 1/8" measurement) / 4 (meter not calibrated) / 5 (no reconciliation of records) / 6 (improper reconciliation) / 7 (no investigation of discrepancy)	<input checked="" type="checkbox"/>				
16. Do unmetered tanks have annual standpipe analysis or tank test, or other acceptable leak detection method? Y / N / X (metered tank)	<u>Y</u>				
17. Has tightness testing been conducted on the tank and piping system (typically Category A or B) within the last 5 years? Y / N (no test on either tank or line) / 1 (no tank test) / 2 (no line test) / 3 (test report not submitted) / X (exempt from tightness testing)	<input checked="" type="checkbox"/>				

18-27. Aboveground Storage Tank Inspection Report Questions  
 28-57. Federal Underground Storage Tank Inspection Report Questions  
 58. General Facility Condition: GOOD / FAIR / POOR ELECTRONIC MONITORING SYSTEM NEED ANNUAL TESTING.  
 COMMENTS (Separate Comment Page attached ?  ): Additional Forms Attached: Field NOV  UST Inspection  Fed UST

NEED AS-BUILT DRAWINGS WITH INSTALLER STATEMENT.



1. Registration form is required to be posted at the facility [612.2(e)]. Ideally it should be posted in a conspicuous place that would be visible when the facility is not open.
2. The registration information must be current. [612.2(d)] Check on the owner/operator information as well as the information on the tanks.
3. All monitoring wells must be labeled and secured [613.3(b)(4)]. The wells should preferably be locked closed so that no delivery can be made into the well or other vandalism can be done.
4. Check the dispenser sumps to be sure that no product has accumulated and that the equipment is in good condition so that if a spill occurs that it would be contained. [613.3(d)]
5. Motor fuel dispensers with pressurized piping must have a shear valve at the base of the dispenser [613.3(c)(1)]. Check to see that the valve was installed properly (flush with the top of the concrete and bolted to the form). Inoperative means that the valve was either installed improperly or that the condition of the valve is so poor that it is obvious that it would not work.
6. Proper closure means that the tank has been emptied, cleaned and either removed or filled with a solid, inert material (sand/concrete/foam) [613.9(b)].
7. Check for tanks that are no longer in service but have not been properly closed. If the tank is to stay in temporary closure, the owner must keep the tank registered and comply with all testing and inspection requirement. [613.9(a)]
8. Check the areas around the tank for any areas of contamination/product accumulations. [613.8]
9. Check the tank top sumps to be sure that no product has accumulated and that the equipment is in good condition so that if a spill occurs that it would be contained. [613.3(d)]
10. Check the fillport catch basins to be sure that no product has accumulated and that the equipment is in good condition so that if a spill occurs that it would be contained. [613.3(d)]
11. All ASTs and USTs must have the fill port color coded. See Subdivision 613.3(b) for proper color and symbols.
12. **USTs must be installed in conformance with Part 614.**
13. USTs meeting the standards for new construction must be monitored for leaks at least weekly [613.5(b)(3)]. If the tank is double wall, the interstitial space **MUST** be monitored [614.5(b)]. The interstice can be monitored manually or electronically. If another secondary containment system has been used, the other leak monitoring systems that can be used would be an automatic tank gauge or monitoring wells inside the secondary containment system (vault or excavation liner) [614.5]. If the leak monitoring is performed electronically (continuous), the electronics need to be checked monthly to be sure that the system is operational. **Monitoring records must be kept on the premises for a period of one year.**
14. USTs with cathodic protection systems must be monitored at least annually [613.5(b)(2)]. Most systems use sacrificial anodes and will be monitored using a copper/copper sulfate reference cell and a high impedance volt meter. While the regulations are not specific, there needs to be at least 3 readings per tank and 1 per piping system that is cathodically protected. Acceptable readings are those that are more negative than -0.85 volts. Inadequate method means that not enough readings were taken to demonstrate that the tank or piping system was receiving adequate protection.
15. Inventory records are required for all USTs [613.4]. If the tank has a **metered dispenser** (motor fuels) then records must be kept of sales, deliveries etc. Stick readings need to be taken to the closest 1/8". Check the condition of the stick to be sure unbroken. Check for reconciliation every 10 days (inventory discrepancies), a calculation of a threshold and comparison of the discrepancy with the threshold to see if there is an apparent product loss. If there is an apparent product loss, determine if it has been properly investigated to determine cause.
16. If the tank is **unmetered** (heating oil) then there is a need for inventory losses to be detected in an alternative manner [613.4(a)(2)]. Acceptable options would include an annual standpipe analysis or tank test or monitoring for inventory losses during the off season. See SPOTS #4.
17. USTs not exempt under Paragraph 613.5(a)(2) must have a tightness test once every 5 years (this includes tanks that have been retrofitted with cathodic protection, a tank liner or both to meet the EPA requirements). It is important that this test include the entire tank system - both the tank and the piping system. This can be done in one of three ways. 1. An overfilled tank test (Petro-Tite). With pressurized piping systems, a separate line test is required. 2. An underfill product test, ullage test and piping line test. 3. A non-volumetric test (Tracer or Vacuum). With the vacuum tests, it is important that the presence of groundwater be determined next to the tank. While making this determination, the tester must check for any contamination to the environment. A separate line test is required for pressurized piping systems and for suction piping with the check valve at the tank.
- 18-27. Aboveground Storage Tank Inspection Report Questions.
- 28-57. Federal Underground Storage Tank Inspection Report Questions.
58. To determine the general facility condition, look at general housekeeping practices, look for abandoned tanks, look at the fill ports, catch basins, under dispensers, tank top sumps and any other areas where leaks may be prevalent. If everything is clean, give the facility a good condition, if things are not well maintained give a fair condition, if spills have been discovered, give a poor condition.





PBS # :  
**8-013420**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Petroleum Bulk Storage Program  
Facility Information Report

Printed : 3/27/2014

pbsfacrpt\_foil.rpt

Site Information

RUSH HENRIETTA CENTRAL SCHOOL  
ROTH MIDDLE SCHOOL  
4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

Site Phone: (585) 359-5116

Town: Henrietta

Class B (On-Site) Operator: **JOHN DREHER**

Class A (Primary) Operator:

Emergency Contact: KENNETH A NELSON

Tax Map Information

Borough/Section:  
Block:  
Lot:

County: Monroe

**JOHN DREHER**

3/27  
OK

Site Owner Information

RUSH HENRIETTA CENTRAL SCHOOL  
2034 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

(585) 359-5000

Owner Type : Local Government

Mail Correspondent Information

RUSH-HENRIETTA CENTRAL SCHOOL  
1133 LEHIGH STATION ROAD  
HENRIETTA, NY 14467

ATTN: DIRECTOR OF SCHOOL

(585) 359-5385

Authorized Representative: KENNETH A NELSON

Emergency Phone: (585) 359-5385

4/1/14  
905  
AS-BUILTS  
WEEKLY LEAK

Site Status : Active

Reg Expires : 12/02/2016 Cert Printed: 10/14/2011

Total Active Tanks : 1

Last Inspected: 06/13/2005

Site Type: School

Cert Issued: 09/28/2011

Total Active Capacity : 12,000

Inspected By: WLSTEVEN

(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
003	5	1	07/01/1993		12,000	0001	06	00	04	04	01	03	01	02	02	10	05	04	09				
001X	5	3	12/01/1950	08/01/1993	10,000	0001	01	00	00	00	00	04		02	02	01	00				6/1/92		
002X	5	3	12/01/1950	08/01/1993	10,000	0001	01	00	00	00	00	04		02	02	01	00				6/1/92		

(See Reverse Side or Last Page for Code Keys)

*pipe out of tank filled with product*



# NYSDEC SPILL REPORT FORM



DEC REGION: 8 SPILL NUMBER: 0750597  
 SPILL NAME: RUSH HENRIETTA SCHOOL DEC LEAD: mfzamiar  
 SPILL DATE: 07/23/2007 SPILL TIME: 12:00 pm  
 CALL RECEIVED DATE: 07/23/2007 RECEIVED TIME: 2:44 pm

### SPILL LOCATION

PLACE: RUSH HENRIETTA SCHOOL COUNTY: Monroe  
 STREET: 4000 EAST HENRIETTA ROAD TOWN/CITY: Henrietta  
ROTH MIDDLE SCHOOL COMMUNITY: HENRIETTA  
 CONTACT: DAVID KAYE CONTACT PHONE: (585) 314-43834

CONT. FACTOR: Other SPILL REPORTED BY: Responsible Party  
 FACILITY TYPE: Institutional, Educational, Gov., Other WATERBODY: \_\_\_\_\_

### CALLER REMARKS:

CALLER STATES THAT WHILE WORKING TO INSTALL A LOADING DOCK, # 2 FUEL OIL CONTAMINATED SOILS WERE ENCOUNTERED. CONTAMINATED SOILS BEING STOCKPILED ON PLASTIC. AWAITING FOR FURTHER INSTRUCTIONS FROM CONSULTANT TO CONTINUE CLEANUP. FAXED TO MCHD ON 07/23/07 AT 1449 HRS.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#2 fuel oil	Petroleum	0 G	0 G	Soil,

### POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT

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

### DEC REMARKS:

07/26/07: LABELLA HAS DUG OUT CONTAMINATION AND SAMPLES TAKEN OF PIT .

09/06/07 REQUEST FOR NFA RECEIVED FROM LABELLA ASSOCIATES .

11/16/07 CLOSURE REPORT REVIEWED. APPROX 33 TONS OF SOIL EXCAVATED AND DISPOSED OF AT MILL SEAT LANDFILL. CONFIRMATORY SOIL SAMPLE RESULTS ARE NON -DETECT. NFA

LETTER SENT TO David Kaye (SCHOOL DISTRICT) AND COPY TO LABELLA.

11/20/07 PAPER FILE REMOVED PER FILE RETENTION POLICY.

PIN

T & A

COST CENTER

CLASS: B4 CLOSE DATE: 11/16/2007 MEETS STANDARDS: True

Created On: 07/23/2007

Date Printed: 2/25/2016

Last Updated: 11/20/2007





# NYSDEC SPILL REPORT FORM



DEC REGION: 8 SPILL NUMBER: 8605909  
 SPILL NAME: RUSH-HENRIETTA SCHOOLS DEC LEAD: BLUEY  
 SPILL DATE: 12/17/1986 SPILL TIME: 12:00 pm  
 CALL RECEIVED DATE: 12/17/1986 RECEIVED TIME: 1:45 pm

### SPILL LOCATION

PLACE: RUSH-HENRIETTA SCHOOLS COUNTY: Monroe  
 STREET: 4000 E. HENRIETTA TOWN/CITY: Henrietta  
 COMMUNITY: HENRIETTA  
 CONTACT: \_\_\_\_\_ CONTACT PHONE: \_\_\_\_\_

CONT. FACTOR: Tank Overfill SPILL REPORTED BY: Responsible Party  
 FACILITY TYPE: Institutional, Educational, Gov., Other WATERBODY: \_\_\_\_\_

### CALLER REMARKS:

A 10000 GAL UNDERGROUND TANK WAS FILLED TO 9750 GAL ON 12/15. PRODUCT EXPANDED AND SEEPED OUT OF FILL PORT.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#2 fuel oil	Petroleum	5 G	0 G	Soil,

### POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
RUSH-HENRIETTA SCHOOLS	4000 E. HENRIETTA RD ROCHESTER NY	(334) 544- 252

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure
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### DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "CB"  
 // : SPILLAGE NOTICED BY CUSTODIAN AND PRODUCT TRANSFERRED TO A MANIFOLDED 10000 GAL TANK.  
 // : CONTAMINATED SOIL REMOVED ON 12/30 W/ BLUEY PRESENT.

PIN                      T & A                      COST CENTER

CLASS:                      CLOSE DATE: 12/30/1986                      MEETS STANDARDS: True



# NYSDEC SPILL REPORT FORM



DEC REGION: 8 SPILL NUMBER: 9001974  
 SPILL NAME: RUSH HENRIETTA JR HIGH SC DEC LEAD: VOLLMER  
 SPILL DATE: 05/15/1990 SPILL TIME: 12:00 pm  
 CALL RECEIVED DATE: 05/18/1990 RECEIVED TIME: 3:00 pm

### SPILL LOCATION

PLACE: RUSH HENRIETTA JR HIGH SC COUNTY: Monroe  
 STREET: 4000 E. HENRIETTA RD TOWN/CITY: Henrietta  
 COMMUNITY: HENRIETTA  
 CONTACT: \_\_\_\_\_ CONTACT PHONE: \_\_\_\_\_

CONT. FACTOR: Unknown SPILL REPORTED BY: Responsible Party  
 FACILITY TYPE: Institutional, Educational, Gov., Other WATERBODY: \_\_\_\_\_

### **CALLER REMARKS:**

CUSTODIAN NOTICED PATH OF OIL OUTSIDE ROTH JR HIGH IN AREA ON 10,000 GAL UNDERGRD TANK. LOOKS AS THOUGH OIL CAME OUT OF FILL PORT. PATH IS ABOUT 15-18' LONG ON GRASS. CONTACT: STAN POLMATEER (359-5185)

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#2 fuel oil	Petroleum	10 G	0 G	Soil,

### POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
RUSH HENRIETTA SCHOOL	4000 E.HENRIETTA ROAD HENRIETTA NY 14467	(716) 359-5186

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure
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### **DEC REMARKS:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "BS"  
 / / : BILL SHUTTS TO INVESTIGATE .

05/29/90: B. SHUTTS INSPECTED SITE & FOUND CONTAMINATED AREA TO BE ABOUT 12 SQ FT. ADVISED DENK & POLMATEER TO REMOVE SOIL UNTIL TRANSPORT . WILL MEET W/W. WALKER ON PBS INFO OF TANKS .

05/29/90: WALKER & SHUTTS DECIDED TO SCHEDULE EXCAVATION AROUND TANKS TO CHECK MONIFOLD BETWEEN TWO TANKS. POLMATEER TO CONTACT US WHEN READY TO EXCAVATE .

06/20/90: STAN POLMATEER PHONED SAYING PROBLEM HAD BEEN REVEALED . TANK OVERFILL WAS FROM VALVE IN BASEMENT BEING SHUT OFF CAUSING PRODUCT TO ENTER ONLY 1 TANK. BS TO INSPECT ON 6-21-90.

06/21/90: B SHUTTS INSPECTED SITE & FOUND CONTAMINATED SOIL STOCKPILED IN EAST WING PARKING LOT . SPOKE W/ROBERT DENK WHO SAID TANKS ARE END TO END W/NO LINES BETWEEN THEM. VALVE PROBLEM RESOLVED.

06/21/90: BS GAVE OK TO BACKFILL EXCAVATION & REQUESTED RECEIPT FROM LANDFILL . NO FURTHER

Created On: 05/25/1990

Date Printed: 2/25/2016

Last Updated: 02/06/2006



# NYSDEC SPILL REPORT FORM



**DEC REGION:** 8

**SPILL NUMBER:** 9001974

**SPILL NAME:** RUSH HENRIETTA JR HIGH SC

**DEC LEAD:** VOLLMER

ACTION NEEDED BY SPILLS.

02/06/06 PAPER FILE REMOVED PER FILE RETENTION POLICY.

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PIN

T & A

COST CENTER

**CLASS:** C3

**CLOSE DATE:** 06/21/1990

**MEETS STANDARDS:** True





# NYSDEC SPILL REPORT FORM



DEC REGION: 8 SPILL NUMBER: 9305565  
 SPILL NAME: CHARLES ROTH MIDDLE SCHOO DEC LEAD: VOLLMER  
 SPILL DATE: 08/04/1993 SPILL TIME: 10:15 am  
 CALL RECEIVED DATE: 08/04/1993 RECEIVED TIME: 11:15 am

### SPILL LOCATION

PLACE: CHARLES ROTH MIDDLE SCHOO COUNTY: Monroe  
 STREET: 4000 EAST HENRIETTA ROAD TOWN/CITY: Henrietta  
 COMMUNITY: HENRIETTA  
 CONTACT: \_\_\_\_\_ CONTACT PHONE: \_\_\_\_\_

CONT. FACTOR: Other SPILL REPORTED BY: Responsible Party  
 FACILITY TYPE: Institutional, Educational, Gov., Other WATERBODY: \_\_\_\_\_

### CALLER REMARKS:

CALLER REPORTED CONTAMINATED SOIL ENCOUNTERED DURING EXCAVATION OF 2- 10000 GAL UNDERGROUND #2 FUEL OIL TANKS . 2 SINGLE-WALLED STEEL TANKS BEING REPLACED W/ONE 12,000 GAL U/G DOUBLE-WALLED FIBERGLASS

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#2 fuel oil	Petroleum	0 G	0 G	Soil,

### POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
RUSH HENRIETTA CENT SCHOO	ZZ	(716) 747-3541

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure
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### DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "BS"  
 08/04/93: POLMATEER SAID BOTH TANKS TESTED TIGHT LAST YEAR . BS TO INSPECT SITE.  
 08/04/93: BS INSPECTED SITE & SPOKE W/DARRIN OSWALD OF L&O MECHANICAL WHO HAD FIRST TANK UNCOVERED. APPROX 36-40 YDS OF CONTAM SOIL ENCOUNTERED & STOCKPILED . TANKS (10,000 GAL) RUN END TO END.  
 08/04/93: POLMATEER ARRIVED ON SITE & BS TOLD HIM TO DEFINE EXTENT OF CONTAMINATION AND THEN REMEDIATE SITE . POLMATEER OR OSWALD TO CALL WITH UPDATE ONCE BOTH TANKS ARE REMOVED .  
 08/09/93: BS MET ON SITE W/POLMATEER, CRONMILLER, KUBLI & CONTRACTOR; BOTH TANKS REMOVED &

Created On: 08/05/1993

Date Printed: 2/25/2016

Last Updated: 12/02/2003



# NYSDEC SPILL REPORT FORM



**DEC REGION:** 8 **SPILL NUMBER:** 9305565  
**SPILL NAME:** CHARLES ROTH MIDDLE SCHOO **DEC LEAD:** VOLLMER

EXCAVATION APPROX 38' X 12' X 16' DEPTH. APPROX 200 YDS OF CONTAM SOIL STOCKPILED ON SITE IN NORTH END OF PARKING LOT.

08/09/93: BS TOLD POLMATEER TO COLLECT SAMPLES FROM EXCAVATION & RUN FOR EPA 8021 & MTBE & EPA 8270 BASE NEUTRALS. POLMATEER TO HAVE SAMPLES COLLECTED & CONTRACTOR TO BETGIN WITH NEW TANK INSTALLATION .

09/30/93: RECEIVED ANALYTICAL RESULTS FROM POLMATEER WHICH SHOWED THE SIDEWALL SAMPLE WAS CLEAN BUT HAD CONTAMINATED SOIL STILL PRESENT FROM BOTTOM SAMPLE . BS DISCUSSED SITUATION W/POLMATEER WHO DECIDED TO ...

09/30/93: ...DIG OU CONTAMINATED SOIL FROM BOTTOM OF PITS & RESAMPLE IF NECESSARY .

10/07/93: POLMATEER TELCON BACK & SAID SOIL IN BOTTOM OF EXCAVATION REMOVED TO BEDROCK . BS TOLD POLMATEER NO NEED FOR BOTTOM COMPOSITE SAMPLING OR SOIL VENT SYSTEM . RHCS TO INSTALL NEW 12,000 GAL #2 FUEL TANK .

10/07/93: POLMATEER TO SEND WRITTEN EXPLANTION OF EXCAVATION AND SMAPLING ACTIVITES .

08/12/94: RECEIVED WRITTEN STATUS REPORT FROM POLMATEER THAT INDICATED CONTAMINATED SOIL WAS DISPOSED OF PROPERLY . BS CONTACTED POLMATEER WHO WILL SEND COPIES OF DISPOSAL RECEIPTS .

08/17/94: REC'D COPIES OF DISPOSAL RECEIPTS FOR CONT/SOIL. MATERIAL DISPOSED OF @ HIGH ACRES LANDFILL. NO FURTHER ACTION NECESSARY.

12/02/03 PAPER FILE REMOVED PER FILE RETENTION POLICY.

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<u>PIN</u>	<u>T &amp; A</u>	<u>COST CENTER</u>
<b>CLASS:</b> C3	<b>CLOSE DATE:</b> 08/17/1994	<b>MEETS STANDARDS:</b> True

**ATTACHMENT 4**

**ENVIRONMENTAL DATA RESOURCES ENVIRONMENTAL  
DATABASE REPORT**



**4000 East Henrietta Road**  
4000 East Henrietta Road  
Henrietta, NY 14467

Inquiry Number: 4535437.2s  
February 10, 2016

## FirstSearch Report

## Search Summary Report

**TARGET SITE      4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467**

Category	Sel	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
<i>NPL</i>	Y	0	0	0	0	0	0	0
<i>NPL Delisted</i>	Y	0	0	0	0	0	0	0
<i>CERCLIS</i>	Y	0	0	0	0	-	0	0
<i>NFRAP</i>	Y	0	0	0	0	-	0	0
<i>RCRA COR ACT</i>	Y	0	0	0	0	0	0	0
<i>RCRA TSD</i>	Y	0	0	0	0	-	0	0
<i>RCRA GEN</i>	Y	0	0	0	-	-	0	0
<i>Federal IC / EC</i>	Y	0	0	0	0	-	0	0
<i>ERNS</i>	Y	0	-	-	-	-	0	0
<i>State/Tribal CERCLIS</i>	Y	0	0	0	0	0	0	0
<i>State/Tribal SWL</i>	Y	0	0	0	0	-	0	0
<i>State/Tribal LTANKS</i>	Y	1	0	0	2	-	0	3
<i>State/Tribal Tanks</i>	Y	0	1	0	-	-	0	1
<i>State/Tribal IC / EC</i>	Y	0	0	0	-	-	0	0
<i>State/Tribal VCP</i>	Y	0	0	0	0	-	0	0
<i>ST/Tribal Brownfields</i>	Y	0	0	0	0	-	0	0
<i>US Brownfields</i>	Y	0	0	0	0	-	0	0
<i>Other Haz Sites</i>	Y	0	-	-	-	-	0	0
<i>Other Tanks</i>	Y	0	0	0	-	-	0	0
<i>Spills</i>	Y	2	-	-	-	-	0	2
<i>Other</i>	Y	3	0	4	-	-	0	7
- Totals --		6	1	4	2	0	0	13

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## Search Summary Report

**TARGET SITE: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467**

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
<b>NPL</b>	NPL	10/30/2015	1.000	0	0	0	0	0	0	0
	Proposed NPL	10/30/2015	1.000	0	0	0	0	0	0	0
<b>NPL Delisted</b>	Delisted NPL	10/30/2015	1.000	0	0	0	0	0	0	0
<b>CERCLIS</b>	CERCLIS	10/25/2013	0.500	0	0	0	0	-	0	0
<b>NFRAP</b>	CERCLIS-NFRAP	10/25/2013	0.500	0	0	0	0	-	0	0
<b>RCRA COR ACT</b>	CORRACTS	06/09/2015	1.000	0	0	0	0	0	0	0
<b>RCRA TSD</b>	RCRA-TSDF	06/09/2015	0.500	0	0	0	0	-	0	0
<b>RCRA GEN</b>	RCRA-LQG	06/09/2015	0.250	0	0	0	-	-	0	0
	RCRA-SQG	06/09/2015	0.250	0	0	0	-	-	0	0
	RCRA-CESQG	06/09/2015	0.250	0	0	0	-	-	0	0
<b>Federal IC / EC</b>	US ENG CONTROLS	09/10/2015	0.500	0	0	0	0	-	0	0
	US INST CONTROL	09/10/2015	0.500	0	0	0	0	-	0	0
<b>ERNS</b>	ERNS	06/22/2015	TP	0	-	-	-	-	0	0
<b>State/Tribal CERCLIS</b>	SHWS	01/12/2016	1.000	0	0	0	0	0	0	0
<b>State/Tribal SWL</b>	SWF/LF	10/07/2015	0.500	0	0	0	0	-	0	0
<b>State/Tribal LTANKS</b>	INDIAN LUST	10/27/2015	0.500	0	0	0	0	-	0	0
	LTANKS	11/16/2015	0.500	1	0	0	2	-	0	3
	HIST LTANKS	01/01/2002	0.500	0	0	0	0	-	0	0
<b>State/Tribal Tanks</b>	UST	11/23/2015	0.250	0	1	0	-	-	0	1
	CBS UST	01/01/2002	0.250	0	0	0	-	-	0	0
	MOSF UST	01/01/2002	0.500	0	0	0	0	-	0	0
	CBS	11/23/2015	0.250	0	0	0	-	-	0	0
	MOSF	11/23/2015	0.500	0	0	0	0	-	0	0
	AST	11/23/2015	0.250	0	0	0	-	-	0	0
	CBS AST	01/01/2002	0.250	0	0	0	-	-	0	0
	MOSF AST	01/01/2002	0.500	0	0	0	0	-	0	0
	INDIAN UST	10/20/2015	0.250	0	0	0	-	-	0	0
<b>State/Tribal IC / EC</b>	RES DECL	11/18/2010	0.180	0	0	0	-	-	0	0



## Search Summary Report

**TARGET SITE: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467**

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
	ENG CONTROLS	01/12/2016	0.500	0	0	0	0	-	0	0
	INST CONTROL	01/12/2016	0.500	0	0	0	0	-	0	0
<b>State/Tribal VCP</b>	VCP	01/12/2016	0.500	0	0	0	0	-	0	0
<b>ST/Tribal Brownfields</b>	BROWNFIELDS	01/12/2016	0.500	0	0	0	0	-	0	0
	ERP	01/12/2016	0.500	0	0	0	0	-	0	0
<b>US Brownfields</b>	US BROWNFIELDS	09/21/2015	0.500	0	0	0	0	-	0	0
<b>Other Haz Sites</b>	US CDL	08/12/2015	TP	0	-	-	-	-	0	0
<b>Other Tanks</b>	HIST UST	01/01/2002	0.250	0	0	0	-	-	0	0
	HIST AST	01/01/2002	0.250	0	0	0	-	-	0	0
<b>Spills</b>	HMIRS	06/24/2015	TP	0	-	-	-	-	0	0
	NY Spills	11/16/2015	0.125	2	0	-	-	-	0	2
	NY Hist Spills	01/01/2002	0.125	0	0	-	-	-	0	0
	SPILLS 90	12/14/2012	0.125	0	0	-	-	-	0	0
	SPILLS 80	11/02/2010	0.125	0	0	-	-	-	0	0
<b>Other</b>	RCRA NonGen / NLR	06/09/2015	0.250	1	0	2	-	-	0	3
	TSCA	12/31/2012	TP	0	-	-	-	-	0	0
	TRIS	12/31/2013	TP	0	-	-	-	-	0	0
	SSTS	12/31/2009	TP	0	-	-	-	-	0	0
	RAATS	04/17/1995	TP	0	-	-	-	-	0	0
	PRP	10/25/2013	TP	0	-	-	-	-	0	0
	PADS	07/01/2014	TP	0	-	-	-	-	0	0
	ICIS	01/23/2015	TP	0	-	-	-	-	0	0
	FTTS	04/09/2009	TP	0	-	-	-	-	0	0
	MLTS	06/26/2015	TP	0	-	-	-	-	0	0
	RADINFO	07/07/2015	TP	0	-	-	-	-	0	0
	INDIAN RESERV	12/31/2005	1.000	0	0	0	0	0	0	0
	US AIRS	10/20/2015	TP	0	-	-	-	-	0	0
	FINDS	07/20/2015	TP	1	-	-	-	-	0	1
	DRYCLEANERS	07/02/2015	0.250	0	0	0	-	-	0	0
	HSWDS	01/01/2003	0.250	0	0	0	-	-	0	0
	MANIFEST	11/02/2015	0.250	1	0	2	-	-	0	3
	SPDES	11/10/2015	0.250	0	0	0	-	-	0	0
	- Totals --			6	1	4	2	0	0	13



## Site Information Report

### RADON

MONROE	BRIGHTON	91	2.21	1.63	14.3
MONROE	CHILI	57	2.18	1.29	20.3
MONROE	CLARKSON	15	2.33	1.79	6.4
MONROE	E. ROCHESTER	3	1.37	1.01	2.9
MONROE	GATES	34	2.31	1.7	11.3
MONROE	GREECE	149	1.76	1.22	21.4
MONROE	HAMLIN	18	1.12	0.98	1.8
MONROE	HENRIETTA	60	2.06	1.52	12.1
MONROE	IRONDEQUOIT	84	1.83	1.36	8.3
MONROE	MENDON	210	14.04	3.7	405.6
MONROE	OGDEN	103	3.42	2.26	28.1
MONROE	PARMA	49	2.38	1.71	20.8
MONROE	PENFIELD	278	3.13	1.86	58.1
MONROE	PERINTON	204	3.42	1.76	35
MONROE	PITTSFORD	154	2.39	1.65	21.6
MONROE	RIGA	42	6.42	3.21	62.7
MONROE	ROCHESTER	541	2.08	1.46	18.3
MONROE	RUSH	57	6.95	3.45	58.4
MONROE	SWEDEN	15	6.12	2.46	52.2
MONROE	WEBSTER	124	1.9	1.39	10
MONROE	WHEATLAND	59	10.74	4.7	75.8



## Target Site Summary Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

TOTAL: 13

GEOCODED: 13

NON GEOCODED: 0

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	NY Spills --9001974 / 1990-06-21 --9001974 --285164	RUSH HENRIETTA JR HIGH SC	4000 E. HENRIETTA RD HENRIETTA, NY 14467	0.00	+ 0	1
A1	LTANKS --8605909 / 1986-12-30 --163101 --8605909	RUSH HENRIETTA JR HIGH SC	4000 E. HENRIETTA RD HENRIETTA, NY 14467	0.00	+ 0	3
A2	NY Spills --0750597 / 2007-11-16 --9305565 / 1994-08-17 --0750597 --9305565 --384739 --65734 *Additional key fields are available in the Map Findings section	RUSH HENRIETTA SCHOOL	4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467	0.00	+ 0	5
A3	MANIFEST --NYD980781355	ROTH HIGH SCHOOL	4000 E HENRIETTA RD HENRIETTA, NY 14467	0.00	+ 0	9
A3	FINDS --110004392452	ROTH HIGH SCHOOL	4000 E HENRIETTA RD HENRIETTA, NY 14467	0.00	+ 0	12
A3	RCRA NonGen / NLR --NYD980781355	ROTH HIGH SCHOOL	4000 E HENRIETTA RD HENRIETTA, NY 14467	0.00	+ 0	13

## Sites Summary Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

TOTAL: 13                      GEOCODED: 13                      NON GEOCODED: 0

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A4	UST	RUSH HENRIETTA CENTRAL SCHOOL	ROTH MIDDLE SCHOOL HENRIETTA, NY 14467	0.01 SSW	+ 0	15
5	RCRA NonGen / NLR --NYD000696617	SUNOCO SERVICE STATION	3865 W HENRIETTA RD HENRIETTA, NY 14467	0.23 WNW	- 11	19
6	MANIFEST --NYD986937688 --B/L124227	7-ELEVEN 24809	3995 W HENRIETTA RD HENRIETTA, NY 14467	0.24 West	- 15	21
6	MANIFEST --NYD986937688	7-ELEVEN 24809	3995 W HENRIETTA RD HENRIETTA, NY 14467	0.24 West	- 15	22
6	RCRA NonGen / NLR --NYD986937688	7-ELEVEN 24809	3995 W HENRIETTA RD HENRIETTA, NY 14467	0.24 West	- 15	25
7	LTANKS --9206826 / 1997-04-03 --318258 --9206826	NYS THRUWAY - HENRIETTA	NYS THRUWAY HENRIETTA HENRIETTA, NY	0.31 NNW	- 7	27
8	LTANKS --8601654 / 1987-03-31 --293059 --8601654	LINDE TRANSPORTATION	360.4 THRUWAY MILEPOST ROCHESTER, NY	0.32 NE	- 6	29

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## NY Spills

**EDR ID:** S102678676      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A1

**NAME:** RUSH HENRIETTA JR HIGH SC

**Rev:** 11/16/2015

**ADDRESS:** 4000 E. HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

ID/Status: 9001974 / 1990-06-21  
ID/Status: 9001974  
ID/Status: 285164

**SOURCE:** NY Department of Environmental Conservation

### SPILLS:

Facility ID: 9001974

Facility Type: ER

DER Facility ID: 231239

Site ID: 285164

DEC Region: 8

Spill Date: 1990-05-15

Spill Number/Closed Date: 9001974 / 1990-06-21

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2832

Investigator: VOLLMER

Referred To: Not reported

Reported to Dept: 1990-05-18

CID: Not reported

Water Affected: Not reported

Spill Source: Institutional, Educational, Gov., Other

Spill Notifier: Responsible Party

Cleanup Ceased: 1990-06-21

Cleanup Meets Std: True

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 1990-05-25

Spill Record Last Update: 2006-02-06

Spiller Name: Not reported

Spiller Company: RUSH HENRIETTA SCHOOL

Spiller Address: 4000 E.HENRIETTA ROAD

Spiller City,St,Zip: HENRIETTA, NY 14467

Spiller Company: 001

Contact Name: Not reported

Contact Phone: Not reported

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was

BS // : BILL SHUTTS TO INVESTIGATE. 05/29/90: B. SHUTTS INSPECTED

SITE & FOUND CONTAMINATED AREA TO BE ABOUT 12 SQ FT. ADVISED DENK &

POLMATEER TO REMOVE SOIL UNTIL TRANSPORT. WILL MEET W/W. WALKER ON

PBS INFO OF TANKS. 05/29/90: WALKER & SHUTTS DECIDED TO SCHEDULE

EXCAVATION AROUND TANKS TO CHECK MONIFOLD BETWEEN TWO TANKS.

POLMATEER TO CONTACT US WHEN READY TO EXCAVATE. 06/20/90: STAN

POLMATEER PHONED SAYING PROBLEM HAD BEEN REVEALED. TANK OVERFILL WAS

FROM VALVE IN BASEMENT BEING SHUT OFF CAUSING PRODUCT TO ENTER ONLY 1

TANK. BS TO INSPECT ON 6-21-90. 06/21/90: B SHUTTS INSPECTED SITE &

- Continued on next page -



# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## NY Spills

**EDR ID:** S102678676      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A1

**NAME:** RUSH HENRIETTA JR HIGH SC

**Rev:** 11/16/2015

**ADDRESS:** 4000 E. HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

ID/Status: 9001974 / 1990-06-21  
ID/Status: 9001974  
ID/Status: 285164

**SOURCE:** NY Department of Environmental Conservation

FOUND CONTAMINATED SOIL STOCKPILED IN EAST WING PARKING LOT. SPOKE W/ROBERT DENK WHO SAID TANKS ARE END TO END W/NO LINES BETWEEN THEM. VALVE PROBLEM RESOLVED. 06/21/90: BS GAVE OK TO BACKFILL EXCAVATION & REQUESTED RECEIPT FROM LANDFILL. NO FURTHER ACTION NEEDED BY SPILLS. 02/06/06 PAPER FILE REMOVED PER FILE RETENTION POLICY."

Remarks: "CUSTODIAN NOTICED PATH OF OIL OUTSIDE ROTH JR HIGH IN AREA ON 10,000 GAL UNDERGRD TANK. LOOKS AS THOUGH OIL CAME OUT OF FILL PORT. PATH IS ABOUT 15-18' LONG ON GRASS. CONTACT: STAN POLMATEER(359-5185)"

**Material:**

Site ID: 285164  
Operable Unit ID: 940141  
Operable Unit: 01  
Material ID: 436745  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 10.00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

**Tank Test:**

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## LTANKS

**EDR ID:** S102678676      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A1

**NAME:** RUSH HENRIETTA JR HIGH SC

**Rev:** 11/16/2015

**ADDRESS:** 4000 E. HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

ID/Status: 8605909 / 1986-12-30  
ID/Status: 163101  
ID/Status: 8605909

**SOURCE:** NY Department of Environmental Conservation

### LTANKS:

Site ID: 163101

Spill Number/Closed Date: 8605909 / 1986-12-30

Spill Date: 1986-12-17

Spill Cause: Tank Overfill

Spill Source: Institutional, Educational, Gov., Other

Spill Class: Not reported

Cleanup Ceased: 1986-12-30

Cleanup Meets Standard: True

SWIS: 2832

Investigator: BLUEY

Referred To: Not reported

Reported to Dept: 1986-12-17

CID: Not reported

Water Affected: Not reported

Spill Notifier: Responsible Party

Last Inspection: 1986-12-17

Recommended Penalty: False

UST Involvement: False

Remediation Phase: 0

Date Entered In Computer: 1986-12-29

Spill Record Last Update: 1987-01-05

Spiller Name: Not reported

Spiller Company: RUSH-HENRIETTA SCHOOLS

Spiller Address: 4000 E. HENRIETTA RD

Spiller City, St, Zip: ROCHESTER, NY

Spiller County: 001

Spiller Contact: Not reported

Spiller Phone: Not reported

Spiller Extention: Not reported

DEC Region: 8

DER Facility ID: 137559

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
CB // : SPILLAGE NOTICED BY CUSTODIAN AND PRODUCT TRANSFERRED TO A  
MANIFOLDED 10000 GAL TANK. // : CONTAMINATED SOIL REMOVED ON 12/30  
W/ BLUEY PRESENT. "

Remarks: "A 10000 GAL UNDERGROUND TANK WAS FILLED TO 9750 GAL ON 12/15.  
PRODUCT EXPANDED AND SEEPED OUT OF FILL PORT."

### Material:

Site ID: 163101

Operable Unit ID: 902750

Operable Unit: 01

Material ID: 475054

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## LTANKS

**EDR ID:** S102678676      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A1

**NAME:** RUSH HENRIETTA JR HIGH SC

**Rev:** 11/16/2015

**ADDRESS:** 4000 E. HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

ID/Status: 8605909 / 1986-12-30  
ID/Status: 163101  
ID/Status: 8605909

**SOURCE:** NY Department of Environmental Conservation

Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 5.00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

Tank Test:



# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## NY Spills

**EDR ID:** S103568185      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A2

**NAME:** RUSH HENRIETTA SCHOOL  
**ADDRESS:** 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 11/16/2015  
ID/Status: 0750597 / 2007-11-16  
ID/Status: 9305565 / 1994-08-17  
ID/Status: 0750597  
ID/Status: 9305565  
ID/Status: 384739

### SPILLS:

Facility ID: 0750597  
Facility Type: ER  
DER Facility ID: 334141  
Site ID: 384739  
DEC Region: 8  
Spill Date: 2007-07-23  
Spill Number/Closed Date: 0750597 / 2007-11-16  
Spill Cause: Other  
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
SWIS: 2832  
Investigator: mzfamiar  
Referred To: Not reported  
Reported to Dept: 2007-07-23  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Responsible Party  
Cleanup Ceased: 2007-11-16  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: Not reported  
Remediation Phase: 0  
Date Entered In Computer: 2007-07-23  
Spill Record Last Update: 2007-11-20  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Company: Not reported  
Contact Name: DAVID KAYE  
Contact Phone: (585) 314-43834

DEC Memo: "07/26/07: LABELLA HAS DUG OUT CONTAMINATION AND SAMPLES TAKEN OF PIT. 09/06/07 REQUEST FOR NFA RECEIVED FROM LABELLA ASSOCIATES. 11/16/07 CLOSURE REPORT REVIEWED. APPROX 33 TONS OF SOIL EXCAVATED AND DISPOSED OF AT MILL SEAT LANDFILL. CONFIRMATORY SOIL SAMPLE RESULTS ARE NON-DETECT. NFA LETTER SENT TO David Kaye (SCHOOL DISTRICT) AND COPY TO LABELLA. 11/20/07 PAPER FILE REMOVED PER FILE RETENTION POLICY."

Remarks: "CALLER STATES THAT WHILE WORKING TO INSTALL A LOADING DOCK, #2 FUEL OIL CONTAMINATED SOILS WERE ENCOUNTERED. CONTAMINATED SOILS BEING STOCKPILED ON PLASTIC. AWAITING FOR FURTHER INSTRUCTIONS FROM

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## NY Spills

**EDR ID:** S103568185      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A2

**NAME:** RUSH HENRIETTA SCHOOL      **Rev:** 11/16/2015  
**ADDRESS:** 4000 EAST HENRIETTA ROAD      ID/Status: 0750597 / 2007-11-16  
HENRIETTA, NY 14467      ID/Status: 9305565 / 1994-08-17  
MONROE      ID/Status: 0750597  
**SOURCE:** NY Department of Environmental Conservation      ID/Status: 9305565  
ID/Status: 384739

CONSULTANT TO CONTINUE CLEANUP. FAXED TO MCHD ON 07/23/07 AT 1449 HRS."

**Material:**

Site ID: 384739  
Operable Unit ID: 1142031  
Operable Unit: 01  
Material ID: 2132250  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Facility ID: 9305565  
Facility Type: ER  
DER Facility ID: 63042  
Site ID: 65734  
DEC Region: 8  
Spill Date: 1993-08-04  
Spill Number/Closed Date: 9305565 / 1994-08-17  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 2832  
Investigator: VOLLMER  
Referred To: Not reported  
Reported to Dept: 1993-08-04  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Responsible Party  
Cleanup Ceased: 1994-08-17  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## NY Spills

EDR ID: S103568185      DIST/DIR: 0.000      ELEVATION: 626      MAP ID: A2

**NAME:** RUSH HENRIETTA SCHOOL  
**ADDRESS:** 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 11/16/2015  
ID/Status: 0750597 / 2007-11-16  
ID/Status: 9305565 / 1994-08-17  
ID/Status: 0750597  
ID/Status: 9305565  
ID/Status: 384739

Date Entered In Computer: 1993-08-05

Spill Record Last Update: 2003-12-02

Spiller Name: Not reported

Spiller Company: RUSH HENRIETTA CENT SCHOO

Spiller Address: Not reported

Spiller City,St,Zip: ZZ

Spiller Company: 001

Contact Name: Not reported

Contact Phone: Not reported

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
BS 08/04/93: POLMATEER SAID BOTH TANKS TESTED TIGHT LAST YEAR. BS TO  
INSPECT SITE. 08/04/93: BS INSPECTED SITE & SPOKE W/DARRIN OSWALD OF  
L&O MECHANICAL WHO HAD FIRST TANK UNCOVERED. APPROX 36-40 YDS OF  
CONTAM SOIL ENCOUNTERED & STOCKPILED. TANKS (10,000 GAL) RUN END TO  
END. 08/04/93: POLMATEER ARRIVED ON SITE & BS TOLD HIM TO DEFINE  
EXTENT OF CONTAMINATION AND THEN REMEDIATE SITE. POLMATEER OR OSWALD  
TO CALL WITH UPDATE ONCE BOTH TANKS ARE REMOVED. 08/09/93: BS MET ON  
SITE W/POLMATEER, CRONMILLER, KUBLI & CONTRACTOR; BOTH TANKS REMOVED  
& EXCAVATION APPROX 38' X 12' X 16' DEPTH. APPROX 200 YDS OF CONTAM  
SOIL STOCKPILED ON SITE IN NORTH END OF PARKING LOT. 08/09/93: BS  
TOLD POLMATEER TO COLLECT SAMPLES FROM EXCAVATION & RUN FOR EPA 8021  
& MTBE & EPA 8270 BASE NEUTRALS. POLMATEER TO HAVE SAMPLES COLLECTED  
& CONTRACTOR TO BETGIN WITH NEW TANK INSTALLATION. 09/30/93: RECEIVED  
ANALYTICAL RESULTS FROM POLMATEER WHICH SHOWED THE SIDEWALL SAMPLE  
WAS CLEAN BUT HAD CONTAMINATED SOIL STILL PRESENT FROM BOTTOM SAMPLE.  
BS DISCUSSED SITUATION W/POLMATEER WHO DECIDED TO ... 09/30/93:  
...DIG OU CONTAMINATED SOIL FROM BOTTOM OF PITS & RESAMPLE IF  
NECESSARY. 10/07/93: POLMATEER TELCON BACK & SAID SOIL IN BOTTOM OF  
EXCAVATION REMOVED TO BEDROCK. BS TOLD POLMATEER NO NEED FOR BOTTOM  
COMPOSITE SAMPLING OR SOIL VENT SYSTEM. RHCS TO INSTALL NEW 12,000  
GAL #2 FUEL TANK. 10/07/93: POLMATEER TO SEND WRITTEN EXPLANTION OF  
EXCAVATION AND SMAPLING ACTIVITES. 08/12/94: RECEIVED WRITTEN STATUS  
REPORT FROM POLMATEER THAT INDICATED CONTAMINATED SOIL WAS DISPOSED  
OF PROPERLY. BS CONTACTED POLMATEER WHO WILL SEND COPIES OF DISPOSAL  
RECEIPTS. 08/17/94: REC'D COPIES OF DISPOSAL RECEIPTS FOR CONT/SOIL.  
MATERIAL DISPOSED OF @ HIGH ACRES LANDFILL. NO FURTHER ACTION  
NECESSARY. 12/02/03 PAPER FILE REMOVED PER FILE RETENTION POLICY. "

Remarks: "CALLER REPORTED CONTAMINATED SOIL ENCOUNTERED DURING EXCAVATION OF  
2- 10000 GAL UNDERGROUND #2 FUEL OIL TANKS. 2 SINGLE-WALLED STEEL  
TANKS BEING REPLACED W/ONE 12,000 GAL U/G DOUBLE-WALLED FIBERGLASS"

Material:

Site ID: 65734

Operable Unit ID: 983731

Operable Unit: 01

- Continued on next page -



# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## NY Spills

**EDR ID:** S103568185      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A2

**NAME:** RUSH HENRIETTA SCHOOL

**Rev:** 11/16/2015

**ADDRESS:** 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467  
MONROE

ID/Status: 0750597 / 2007-11-16

ID/Status: 9305565 / 1994-08-17

ID/Status: 0750597

ID/Status: 9305565

**SOURCE:** NY Department of Environmental Conservation

ID/Status: 384739

Material ID: 395477  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

Tank Test:

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## MANIFEST

**EDR ID:** 1000238197      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A3

**NAME:** ROTH HIGH SCHOOL      **Rev:** 11/02/2015  
**ADDRESS:** 4000 E HENRIETTA RD      **ID/Status:** NYD980781355  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** NY Department of Environmental Conservation

NY MANIFEST:  
EPA ID: NYD980781355  
Country: USA  
Location Address 1: 4000 EAST HENRIETTA ROAD  
Location Address 2: Not reported  
Location City: HENRIETTA  
Location State: NY  
Location Zip Code: 14467  
Location Zip Code 4: Not reported

Mailing Info:  
Name: ROTH HIGH SCHOOL  
Contact: DOROTHY ROSENTHAL  
Address: 4000 EAST HENRIETTA ROAD  
City/State/Zip: HENRIETTA, NY 14467  
Country: USA  
Phone: 716-334-5440

### Manifest:

Document ID: NYB4516128  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: 11278PNY  
Trans2 State ID: Not reported  
Generator Ship Date: 04/27/1992  
Trans1 Recv Date: 04/27/1992  
Trans2 Recv Date: / /  
TSD Site Recv Date: 05/01/1992  
Part A Recv Date: / /  
Part B Recv Date: 05/26/1992  
Generator EPA ID: NYD980781355  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSDf ID: OHD083377010  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00009  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00093  
Units: P - Pounds

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## MANIFEST

**EDR ID:** 1000238197      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A3

**NAME:** ROTH HIGH SCHOOL      **Rev:** 11/02/2015  
**ADDRESS:** 4000 E HENRIETTA RD      **ID/Status:** NYD980781355  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** NY Department of Environmental Conservation

Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 1992

Document ID: NYB2376693  
Manifest Status: Completed copy  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 08/19/1991  
Trans1 Recv Date: 08/19/1991  
Trans2 Recv Date: / /  
TSD Site Recv Date: 08/21/1991  
Part A Recv Date: / /  
Part B Recv Date: 09/09/1991  
Generator EPA ID: NYD980781355  
Trans1 EPA ID: ALD095704011  
Trans2 EPA ID: Not reported  
TSDF ID: OHD083377010  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00083  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 110  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00003  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00001  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 110  
Waste Code: P106 - SODIUM CYANIDE  
Quantity: 00002  
Units: P - Pounds

- Continued on next page -



# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## MANIFEST

**EDR ID:** 1000238197      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A3

**NAME:** ROTH HIGH SCHOOL  
**ADDRESS:** 4000 E HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**Rev:** 11/02/2015  
**ID/Status:** NYD980781355

**SOURCE:** NY Department of Environmental Conservation

Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 110  
Year: 1991

Document ID: NYB2376702  
Manifest Status: Completed copy  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 08/19/1991  
Trans1 Recv Date: 08/19/1991  
Trans2 Recv Date: / /  
TSD Site Recv Date: 08/21/1991  
Part A Recv Date: / /  
Part B Recv Date: 09/09/1991  
Generator EPA ID: NYD980781355  
Trans1 EPA ID: ALD095704011  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: U144 - LEAD ACETATE  
Quantity: 00004  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 110  
Year: 1991

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## FINDS

**EDR ID:** 1000238197      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A3

**NAME:** ROTH HIGH SCHOOL  
**ADDRESS:** 4000 E HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** US EPA

**Rev:** 07/20/2015  
**ID/Status:** 110004392452

### FINDS:

Registry ID: 110004392452

#### Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## RCRA NonGen / NLR

**EDR ID:** 1000238197      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A3

**NAME:** ROTH HIGH SCHOOL  
**ADDRESS:** 4000 E HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**Rev:** 06/09/2015  
**ID/Status:** NYD980781355

**SOURCE:** US Environmental Protection Agency

### RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: ROTH HIGH SCHOOL

Facility address: 4000 E HENRIETTA RD  
HENRIETTA, NY 144679704

EPA ID: NYD980781355

Mailing address: E HENRIETTA RD  
HENRIETTA, NY 14467

Contact: Not reported

Contact address: E HENRIETTA RD  
HENRIETTA, NY 14467

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

### Owner/Operator Summary:

Owner/operator name: Not reported

Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999

Owner/operator country: US

Owner/operator telephone: (212) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: Not reported

Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999

Owner/operator country: US

Owner/operator telephone: (212) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

### Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## RCRA NonGen / NLR

**EDR ID:** 1000238197      **DIST/DIR:** 0.000      **ELEVATION:** 626      **MAP ID:** A3

**NAME:** ROTH HIGH SCHOOL  
**ADDRESS:** 4000 E HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**Rev:** 06/09/2015  
**ID/Status:** NYD980781355

**SOURCE:** US Environmental Protection Agency

Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 01/01/2006  
Site name: ROTH HIGH SCHOOL  
Classification: Not a generator, verified

Date form received by agency: 05/04/2000  
Site name: ROTH HIGH SCHOOL  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: ROTH HIGH SCHOOL  
Classification: Not a generator, verified

Date form received by agency: 11/15/1984  
Site name: ROTH HIGH SCHOOL  
Classification: Large Quantity Generator

. Waste code: NONE  
. Waste name: None

Violation Status: No violations found



# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

UST

**EDR ID:** U004148258      **DIST/DIR:** 0.014 SSW      **ELEVATION:** 626      **MAP ID:** A4

**NAME:** RUSH HENRIETTA CENTRAL SCHOOL DISTRICT      **Rev:** 11/23/2015  
**ADDRESS:** ROTH MIDDLE SCHOOL  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** NY Department of Environmental Conservation

UST:  
Id/Status: 8-013420 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 8  
Expiration Date: 12/02/2016  
UTM X: 286702.16804  
UTM Y: 4768874.97669  
Site Type: School

Affiliation Records:  
Site Id: 47570  
Affiliation Type: Mail Contact  
Company Name: RUSH-HENRIETTA CENTRAL SCHOOL  
Contact Type: Not reported  
Contact Name: DIRECTOR OF SCHOOL FACILITIES  
Address1: 1133 LEHIGH STATION ROAD  
Address2: Not reported  
City: HENRIETTA  
State: NY  
Zip Code: 14467  
Country Code: 001  
Phone: (585) 359-5385  
EMail: Not reported  
Fax Number: Not reported  
Modified By: WLSTEVEN  
Date Last Modified: 2010-08-06

Site Id: 47570  
Affiliation Type: ClassB (On-Site) Operator  
Company Name: RUSH HENRIETTA CENTRAL SCHOOL DISTRICT  
Contact Type: Not reported  
Contact Name: JOHN DREHER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (585) 359-5116  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MAPERSSO  
Date Last Modified: 2011-09-28

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

UST

**EDR ID:** U004148258      **DIST/DIR:** 0.014 SSW      **ELEVATION:** 626      **MAP ID:** A4

**NAME:** RUSH HENRIETTA CENTRAL SCHOOL DISTRICT      **Rev:** 11/23/2015  
**ADDRESS:** ROTH MIDDLE SCHOOL  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** NY Department of Environmental Conservation

Site Id: 47570  
Affiliation Type: Emergency Contact  
Company Name: RUSH HENRIETTA CENTRAL SCHOOL  
Contact Type: Not reported  
Contact Name: KENNETH A NELSON  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (585) 359-5385  
EMail: Not reported  
Fax Number: Not reported  
Modified By: WLSTEVEN  
Date Last Modified: 2013-07-05

Site Id: 47570  
Affiliation Type: Facility Owner  
Company Name: RUSH HENRIETTA CENTRAL SCHOOL  
Contact Type: DIRECTOR OF SCHOOL FACILITIES  
Contact Name: KENNETH A NELSON  
Address1: 2034 LEHIGH STATION ROAD  
Address2: Not reported  
City: HENRIETTA  
State: NY  
Zip Code: 14467  
Country Code: 001  
Phone: (585) 359-5000  
EMail: Not reported  
Fax Number: Not reported  
Modified By: WLSTEVEN  
Date Last Modified: 2013-07-05

**Tank Info:**

Tank Number: 001X  
Tank ID: 142568  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 10000  
Install Date: 12/01/1950  
Date Tank Closed: 08/01/1993  
Registered: True

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

UST

**EDR ID:** U004148258      **DIST/DIR:** 0.014 SSW      **ELEVATION:** 626      **MAP ID:** A4

**NAME:** RUSH HENRIETTA CENTRAL SCHOOL DISTRICT      **Rev:** 11/23/2015  
**ADDRESS:** ROTH MIDDLE SCHOOL  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** NY Department of Environmental Conservation

Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 01  
Date Test: 06/01/1992  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: WLSTEVEN  
Last Modified: 07/07/2006

Equipment Records:  
B00 - Tank External Protection - None  
F00 - Pipe External Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
I04 - Overfill - Product Level Gauge (A/G)  
H00 - Tank Leak Detection - None

Tank Number: 002X  
Tank ID: 142569  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 10000  
Install Date: 12/01/1950  
Date Tank Closed: 08/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 01  
Date Test: 06/01/1992  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: WLSTEVEN  
Last Modified: 07/07/2006

Equipment Records:  
H00 - Tank Leak Detection - None

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

UST

**EDR ID:** U004148258      **DIST/DIR:** 0.014 SSW      **ELEVATION:** 626      **MAP ID:** A4

**NAME:** RUSH HENRIETTA CENTRAL SCHOOL DISTRICT      **Rev:** 11/23/2015  
**ADDRESS:** ROTH MIDDLE SCHOOL  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** NY Department of Environmental Conservation

F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
I04 - Overfill - Product Level Gauge (A/G)  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground

Tank Number: 003  
Tank ID: 154071  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 12000  
Install Date: 07/01/1993  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: G  
Modified By: WLSTEVEN  
Last Modified: 10/23/2009

Equipment Records:  
D10 - Pipe Type - Copper  
E04 - Piping Secondary Containment - Double-Walled (Underground)  
F05 - Pipe External Protection - Jacketed  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
B04 - Tank External Protection - Fiberglass  
J02 - Dispenser - Suction Dispenser  
K01 - Spill Prevention - Catch Basin  
I03 - Overfill - Automatic Shut-Off  
L09 - Piping Leak Detection - Exempt Suction Piping  
C02 - Pipe Location - Underground/On-ground  
A00 - Tank Internal Protection - None



# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## RCRA NonGen / NLR

**EDR ID:** 1000329036      **DIST/DIR:** 0.229 WNW      **ELEVATION:** 615      **MAP ID:** 5

**NAME:** SUNOCO SERVICE STATION  
**ADDRESS:** 3865 W HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE  
**SOURCE:** US Environmental Protection Agency

**Rev:** 06/09/2015  
**ID/Status:** NYD000696617

### RCRA NonGen / NLR:

Date form received by agency: 01/01/2007  
Facility name: SUNOCO SERVICE STATION  
Facility address: 3865 W HENRIETTA RD  
HENRIETTA, NY 144679147  
EPA ID: NYD000696617  
Mailing address: W HENRIETTA RD  
HENRIETTA, NY 14623  
Contact: Not reported  
Contact address: W HENRIETTA RD  
HENRIETTA, NY 14623  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

### Owner/Operator Summary:

Owner/operator name: SUN OIL COMPANY OF PENNSYLVANIA  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: SUN OIL COMPANY OF PENNSYLVANIA  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

### Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000329036      **DIST/DIR:** 0.229 WNW      **ELEVATION:** 615      **MAP ID:** 5

**NAME:** SUNOCO SERVICE STATION

**Rev:** 06/09/2015

**ADDRESS:** 3865 W HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**ID/Status:** NYD000696617

**SOURCE:** US Environmental Protection Agency

Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Historical Generators:**

Date form received by agency: 01/01/2006  
Site name: SUNOCO SERVICE STATION  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: SUNOCO SERVICE STATION  
Classification: Not a generator, verified

Date form received by agency: 08/18/1980  
Site name: SUNOCO SERVICE STATION  
Classification: Large Quantity Generator

. Waste code: D000  
. Waste name: Not Defined

. Waste code: D001  
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## MANIFEST

**EDR ID:** 1000458377      **DIST/DIR:** 0.238 West      **ELEVATION:** 611      **MAP ID:** 6

**NAME:** 7-ELEVEN 24809

**Rev:** 12/31/2013

**ADDRESS:** 3995 W HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

ID/Status: NYD986937688  
ID/Status: B/L124227

**SOURCE:** RI Department of Environmental Management

### RI MANIFEST:

EPA Id: NYD986937688

Manifest Document Number: B/L124227

GEN Cert Date: 1/2/2005

TSDf Id: rid040098352

TSDf Name: Northland Environmental Inc.

TSDf Date: 1/2/2005

Transporter 2 Id: Not reported

Transporter 2 Name: Not reported

Transporter Receipt Date: 1/2/2005

Number Of Containers: Not reported

Container Type: NONE

Waste Code1: Not reported

Waste Code2: Not reported

Waste Code3: Not reported

Fee Exempt Code: Not reported

Comment: Not reported

### Details:

EPA ID: NYD986937688

Manifest Docket Number: B/L124227

Waste Description: NON HAZ LIQUIDS FOR LANDFILL

Quantity: 110

WT/Vol Units: G

Item Number: 6581

Transporter Name: EQ NORTHEAST, INC.

Transporter EPA ID: MAD084814136

GEN Cert Date: 1/2/2005

Transporter Receipt Date: 1/2/2005

Transporter 2 Receipt Date: Not reported

TSDf Receipt Date: 1/2/2005

Transporter 2 ID: Not reported

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## MANIFEST

**EDR ID:** 1000458377      **DIST/DIR:** 0.238 West      **ELEVATION:** 611      **MAP ID:** 6

**NAME:** 7-ELEVEN 24809

**Rev:** 11/02/2015

**ADDRESS:** 3995 W HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**ID/Status:** NYD986937688

**SOURCE:** NY Department of Environmental Conservation

### NY MANIFEST:

EPA ID: NYD986937688

Country: USA

Location Address 1: 3995 W HENRIETTA RD 7-11 FOOD

Location Address 2: Not reported

Location City: ROCHESTER

Location State: NY

Location Zip Code: 14623

Location Zip Code 4: Not reported

### Mailing Info:

Name: SOUTHLAND CORPORATION 7 ELEVEN STORE

Contact: JESSICA STRIGLER

Address: 3995 W HENRIETTA RD

City/State/Zip: ROCHESTER 7-11 FOOD STR, NY 14623

Country: USA

Phone: 716-359-3314

### Manifest:

Document ID: NYB7436106

Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC

Trans1 State ID: 44571TNY

Trans2 State ID: Not reported

Generator Ship Date: 07/31/1996

Trans1 Recv Date: 07/31/1996

Trans2 Recv Date: / /

TSD Site Recv Date: 08/02/1996

Part A Recv Date: 09/12/1996

Part B Recv Date: 08/26/1996

Generator EPA ID: NYD986937688

Trans1 EPA ID: NYD982792814

Trans2 EPA ID: Not reported

TSDf ID: OHD004178612

Waste Code: D001 - NON-LISTED IGNITABLE WASTES

Quantity: 00055

Units: G - Gallons (liquids only)\* (8.3 pounds)

Number of Containers: 001

Container Type: DM - Metal drums, barrels

Handling Method: B Incineration, heat recovery, burning.

Specific Gravity: 100

Year: 1996

- Continued on next page -



# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## MANIFEST

**EDR ID:** 1000458377      **DIST/DIR:** 0.238 West      **ELEVATION:** 611      **MAP ID:** 6

**NAME:** 7-ELEVEN 24809

**Rev:** 11/02/2015

**ADDRESS:** 3995 W HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**ID/Status:** NYD986937688

**SOURCE:** NY Department of Environmental Conservation

Document ID: NYB2281491

Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC

Trans1 State ID: 8A191

Trans2 State ID: Not reported

Generator Ship Date: 03/19/1991

Trans1 Recv Date: 03/19/1991

Trans2 Recv Date: / /

TSD Site Recv Date: 03/21/1991

Part A Recv Date: 04/24/1991

Part B Recv Date: 04/02/1991

Generator EPA ID: NYD986937688

Trans1 EPA ID: NYD981177280

Trans2 EPA ID: Not reported

TSDf ID: NYD043815703

Waste Code: D001 - NON-LISTED IGNITABLE WASTES

Quantity: 00055

Units: G - Gallons (liquids only)\* (8.3 pounds)

Number of Containers: 001

Container Type: DM - Metal drums, barrels

Handling Method: T Chemical, physical, or biological treatment.

Specific Gravity: 085

Year: 1991

Document ID: NYB7884369

Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC

Trans1 State ID: NY80361V

Trans2 State ID: Not reported

Generator Ship Date: 08/23/1995

Trans1 Recv Date: 08/23/1995

Trans2 Recv Date: / /

TSD Site Recv Date: 08/28/1995

Part A Recv Date: 09/11/1995

Part B Recv Date: 09/19/1995

Generator EPA ID: NYD986937688

Trans1 EPA ID: NYD982792814

Trans2 EPA ID: Not reported

TSDf ID: OHD004178612

Waste Code: D001 - NON-LISTED IGNITABLE WASTES

Quantity: 00055

Units: G - Gallons (liquids only)\* (8.3 pounds)

Number of Containers: 001

Container Type: DM - Metal drums, barrels

Handling Method: B Incineration, heat recovery, burning.

Specific Gravity: 100

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## MANIFEST

**EDR ID:** 1000458377      **DIST/DIR:** 0.238 West      **ELEVATION:** 611      **MAP ID:** 6

**NAME:** 7-ELEVEN 24809

**Rev:** 11/02/2015

**ADDRESS:** 3995 W HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**ID/Status:** NYD986937688

**SOURCE:** NY Department of Environmental Conservation

Year: 1995

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## RCRA NonGen / NLR

**EDR ID:** 1000458377      **DIST/DIR:** 0.238 West      **ELEVATION:** 611      **MAP ID:** 6

**NAME:** 7-ELEVEN 24809

**Rev:** 06/09/2015

**ADDRESS:** 3995 W HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**ID/Status:** NYD986937688

**SOURCE:** US Environmental Protection Agency

### RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: 7-ELEVEN 24809

Facility address: 3995 W HENRIETTA RD  
HENRIETTA, NY 144679147

EPA ID: NYD986937688

Mailing address: SMITHTOWN BYPASS 3RD FLOOR  
SMITHTOWN, NY 11788

Contact: Not reported

Contact address: SMITHTOWN BYPASS 3RD FLOOR  
SMITHTOWN, NY 11788

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

### Owner/Operator Summary:

Owner/operator name: THE SOUTHLAND CORP

Owner/operator address: 732 SMITHTOWN BYPASS 3RD FLOOR  
SMITHTOWN, NY 11788

Owner/operator country: US

Owner/operator telephone: (516) 366-1711

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: THE SOUTHLAND CORP

Owner/operator address: 732 SMITHTOWN BYPASS 3RD FLOOR  
SMITHTOWN, NY 11788

Owner/operator country: US

Owner/operator telephone: (516) 366-1711

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

### Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## RCRA NonGen / NLR

**EDR ID:** 1000458377      **DIST/DIR:** 0.238 West      **ELEVATION:** 611      **MAP ID:** 6

**NAME:** 7-ELEVEN 24809

**Rev:** 06/09/2015

**ADDRESS:** 3995 W HENRIETTA RD  
HENRIETTA, NY 14467  
MONROE

**ID/Status:** NYD986937688

**SOURCE:** US Environmental Protection Agency

Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 01/01/2006  
Site name: 7-ELEVEN 24809  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: 7-ELEVEN 24809  
Classification: Not a generator, verified

Date form received by agency: 01/23/1991  
Site name: 7-ELEVEN 24809  
Classification: Small Quantity Generator

- . Waste code: D000
- . Waste name: Not Defined
  
- . Waste code: D018
- . Waste name: BENZENE

Violation Status: No violations found



# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## LTANKS

**EDR ID:** S100491673      **DIST/DIR:** 0.309 NNW      **ELEVATION:** 619      **MAP ID:** 7

**NAME:** NYS THRUWAY - HENRIETTA      **Rev:** 11/16/2015  
**ADDRESS:** NYS THRUWAY HENRIETTA      ID/Status: 9206826 / 1997-04-03  
HENRIETTA, NY      ID/Status: 318258  
MONROE      ID/Status: 9206826  
**SOURCE:** NY Department of Environmental Conservation

### LTANKS:

Site ID: 318258  
Spill Number/Closed Date: 9206826 / 1997-04-03  
Spill Date: 1992-09-14  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 1997-04-03  
Cleanup Meets Standard: False  
SWIS: 2832  
Investigator: TPWALSH  
Referred To: Not reported  
Reported to Dept: 1992-09-14  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: 1994-04-19  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 1992-09-22  
Spill Record Last Update: 2006-02-08  
Spiller Name: Not reported  
Spiller Company: NYS THRUWAY AUTHORITY  
Spiller Address: 3901 GENESEE STREET  
Spiller City,St,Zip: BUFFALO, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 8  
DER Facility ID: 256541  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
TW 09/14/92: PRODUCT TO BE REMOVED FROM THE TANK. ARRANGEMENTS TO BE  
MADE FOR ITS REMOVAL. 04/19/94: JM ON SITE WITH GARY HART & MARCOR.  
TWO TANKS REMOVED; THIRD TO BE REMOVED. SOIL SAMPLES TAKEN OF  
EXCAVATION. SLIGHT SHEEN ON PERCHED WATERTABLE. 04/03/97: NO FURTHER  
ACTION LETTER SENT TO THE THRUWAY AUTHORITY. 2/8/06 PAPER FILE  
REMOVED PER FILE RETENTION POLICY."  
Remarks: "A 4,000 GALLON FIBERGLASS GASOLINE TANK FAILED A HORNER E-Z CHEK  
TIGHTNESS TEST AT 3.4 GAL/HR. THE TANK WAS FILLED ON FRIDAY & THERE  
IS STILL PRODUCT IN THE TANK. (SUCTION SYSTEM). CONTACT PERSON: GARY  
HART."

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## LTANKS

**EDR ID:** S100491673      **DIST/DIR:** 0.309 NNW      **ELEVATION:** 619      **MAP ID:** 7

**NAME:** NYS THRUWAY - HENRIETTA

**Rev:** 11/16/2015

**ADDRESS:** NYS THRUWAY HENRIETTA  
HENRIETTA, NY  
MONROE

ID/Status: 9206826 / 1997-04-03  
ID/Status: 318258  
ID/Status: 9206826

**SOURCE:** NY Department of Environmental Conservation

### Material:

Site ID: 318258  
Operable Unit ID: 970623  
Operable Unit: 01  
Material ID: 407514  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

### Tank Test:

Site ID: 318258  
Spill Tank Test: 1540564  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: Not reported  
Test Method: Unknown

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## LTANKS

**EDR ID:** S100122334      **DIST/DIR:** 0.317 NE      **ELEVATION:** 620      **MAP ID:** 8

**NAME:** LINDE TRANSPORTATION  
**ADDRESS:** 360.4 THRUWAY MILEPOST  
ROCHESTER, NY  
MONROE

**Rev:** 11/16/2015  
ID/Status: 8601654 / 1987-03-31  
ID/Status: 293059  
ID/Status: 8601654

**SOURCE:** NY Department of Environmental Conservation

### LTANKS:

Site ID: 293059  
Spill Number/Closed Date: 8601654 / 1987-03-31  
Spill Date: 1986-06-10  
Spill Cause: Tank Failure  
Spill Source: Tank Truck  
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party.  
Corrective action taken.  
Cleanup Ceased: 1987-03-31  
Cleanup Meets Standard: True  
SWIS: 2814  
Investigator: BLUEY  
Referred To: Not reported  
Reported to Dept: 1986-06-10  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1986-06-18  
Spill Record Last Update: 2004-02-19  
Spiller Name: Not reported  
Spiller Company: LINDE TRANSPORTATION  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 8  
DER Facility ID: 237200  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was CB 2004/02/19 - Spill\_Time was previously blank and replaced with RCVD\_Time to fix a data translation problem... Bob Corcoran // : WALTER LAUGHMAN SERVICES DOING CLEANUP. 1-800-843-4665. CLEANUP BY SPILLER SATISFACTORY. 05/08/01: PAPER FILE REMOVED PER PAPER RETENTION POLICY."  
Remarks: "TANK TRUCK - RUPTURED SADDLE TANKS"

Material:  
Site ID: 293059

- Continued on next page -

# Site Detail Report

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

## LTANKS

**EDR ID:** S100122334      **DIST/DIR:** 0.317 NE      **ELEVATION:** 620      **MAP ID:** 8

**NAME:** LINDE TRANSPORTATION  
**ADDRESS:** 360.4 THRUWAY MILEPOST  
ROCHESTER, NY  
MONROE

**Rev:** 11/16/2015  
ID/Status: 8601654 / 1987-03-31  
ID/Status: 293059  
ID/Status: 8601654

**SOURCE:** NY Department of Environmental Conservation

Operable Unit ID: 897932  
Operable Unit: 01  
Material ID: 478144  
Material Code: 0008  
Material Name: diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 85.00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

Tank Test:



## Database Descriptions

**NPL:** NPL National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices. NPL - National Priority List Proposed NPL - Proposed National Priority List Sites.

**NPL Delisted:** Delisted NPL The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Delisted NPL - National Priority List Deletions

**CERCLIS:** CERCLIS CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Information System

**NFRAP:** CERCLIS-NFRAP Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site. CERCLIS-NFRAP - CERCLIS No Further Remedial Action Planned

**RCRA COR ACT:** CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

**RCRA TSD:** RCRA-TSDF RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. RCRA-TSDF - RCRA - Treatment, Storage and Disposal

**RCRA GEN:** RCRA-LQG RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. RCRA-LQG - RCRA - Large Quantity Generators RCRA-SQG - RCRA - Small Quantity Generators. RCRA-CESQG - RCRA - Conditionally Exempt Small Quantity Generators.

**Federal IC / EC:** US ENG CONTROLS A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. US ENG CONTROLS - Engineering Controls Sites List US INST CONTROL - Sites with Institutional Controls.

**ERNS:** ERNS Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances. ERNS - Emergency Response Notification System

## Database Descriptions

State/Tribal CERCLIS: SHWS Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites SHWS - Inactive Hazardous Waste Disposal Sites in New York State

State/Tribal SWL: SWF/LF Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. SWF/LF - Facility Register

State/Tribal LTANKS: INDIAN LUST R5 INDIAN LUST R7 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R9 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R1 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R10 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R6 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land. LUSTs on Indian land in Iowa, Kansas, and Nebraska INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land LTANKS - Spills Information Database. HIST LTANKS - Listing of Leaking Storage Tanks.

State/Tribal Tanks: UST Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. UST - Petroleum Bulk Storage (PBS) Database CBS UST - Chemical Bulk Storage Database. MOSF UST - Major Oil Storage Facilities Database. CBS - Chemical Bulk Storage Site Listing. MOSF - Major Oil Storage Facility Site Listing. AST - Petroleum Bulk Storage. CBS AST - Chemical Bulk Storage Database. MOSF AST - Major Oil Storage Facilities Database. INDIAN UST R4 - Underground Storage Tanks on Indian Land. INDIAN UST R5 - Underground Storage Tanks on Indian Land. INDIAN UST R6 - Underground Storage Tanks on Indian Land. INDIAN UST R1 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land. INDIAN UST R8 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - Underground Storage Tanks on Indian Land.

State/Tribal IC / EC: ENV RES DECL RES DECL - Restrictive Declarations Listing. The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution. RES DECL - Environmental Restrictive Declarations ENG CONTROLS - Registry of Engineering Controls. INST CONTROL - Registry of Institutional Controls.

State/Tribal VCP: VCP New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites. VCP - Voluntary Cleanup Agreements

ST/Tribal Brownfields: BROWNFIELDS A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant. BROWNFIELDS - Brownfields Site List ERP - Environmental Restoration Program Listing.

US Brownfields: US BROWNFIELDS Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs. US BROWNFIELDS - A Listing of Brownfields Sites

## Database Descriptions

Other Haz Sites: US CDL A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. US CDL - Clandestine Drug Labs

Other Tanks: CORTLAND CO. UST A listing of underground storage tank sites located in Cortland County. CORTLAND CO. UST - Cortland County Storage Tank Listing WESTCHESTER CO. UST - Listing of Storage Tanks. NASSAU CO. UST - Registered Tank Database. ROCKLAND CO. UST - Petroleum Bulk Storage Database. SUFFOLK CO. UST - Storage Tank Database. NCFM UST - Storage Tank Database. HIST UST - Historical Petroleum Bulk Storage Database. CORTLAND CO. AST - Cortland County Storage Tank Listing. WESTCHESTER CO. AST - Listing of Storage Tanks. NASSAU CO. AST - Registered Tank Database. ROCKLAND CO. AST - Petroleum Bulk Storage Database. SUFFOLK CO. AST - Storage Tank Database. NCFM AST - Storage Tank Database. HIST AST - Historical Petroleum Bulk Storage Database.

Spills: HMIRS Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT. HMIRS - Hazardous Materials Information Reporting System SPILLS - Spills Information Database. HIST SPILLS - SPILLS Database. SPILLS 90 - SPILLS90 data from FirstSearch. SPILLS 80 - SPILLS80 data from FirstSearch.

Other: RCRA NonGen / NLR RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste. RCRA NonGen / NLR - RCRA - Non Generators / No Longer Regulated FEDLAND - Federal and Indian Lands. TSCA - Toxic Substances Control Act. TRIS - Toxic Chemical Release Inventory System. SSTS - Section 7 Tracking Systems. RAATS - RCRA Administrative Action Tracking System. PRP - Potentially Responsible Parties. PADS - PCB Activity Database System. ICIS - Integrated Compliance Information System. FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). FTTS INSP - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). MLTS - Material Licensing Tracking System. RADINFO - Radiation Information Database. BRS - Biennial Reporting System. INDIAN RESERV - Indian Reservations. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS). US AIRS MINOR - Air Facility System Data. FINDS - Facility Index System/Facility Registry System. DRYCLEANERS - Registered Drycleaners. HSWDS - Hazardous Substance Waste Disposal Site Inventory. NY MANIFEST - Facility and Manifest Data. SPDES - State Pollutant Discharge Elimination System.

## Database Sources

NPL: EPA

Updated Quarterly

NPL Delisted: EPA

Updated Quarterly

CERCLIS: EPA

Updated Quarterly

NFRAP: EPA

Updated Quarterly

RCRA COR ACT: EPA

Updated Quarterly

RCRA TSD: Environmental Protection Agency

Updated Quarterly

RCRA GEN: Environmental Protection Agency

Updated Quarterly

Federal IC / EC: Environmental Protection Agency

Varies

ERNS: National Response Center, United States Coast Guard

Updated Annually

State/Tribal CERCLIS: Department of Environmental Conservation

Updated Annually

State/Tribal SWL: Department of Environmental Conservation

Updated Semi-Annually

State/Tribal LTANKS: EPA Region 4

Updated Semi-Annually

State/Tribal Tanks: Department of Environmental Conservation

No Update Planned



## Database Sources

State/Tribal IC / EC: New York City Department of City Planning

Varies

State/Tribal VCP: Department of Environmental Conservation

Updated Semi-Annually

ST/Tribal Brownfields: Department of Environmental Conservation

Updated Semi-Annually

US Brownfields: Environmental Protection Agency

Updated Semi-Annually

Other Haz Sites: Drug Enforcement Administration

Updated Quarterly

Other Tanks: Cortland County Health Department

Updated Quarterly

Spills: U.S. Department of Transportation

Updated Annually

Other: Environmental Protection Agency

Varies

# Street Name Report for Streets near the Target Property

Target Property: 4000 EAST HENRIETTA ROAD  
HENRIETTA, NY 14467

JOB: NA

Street Name	Dist/Dir	Street Name	Dist/Dir
Erie Manor Ln	0.15 South		
Garden Pkwy	0.24 West		
High Manor Dr	0.15 South		
I-90 E	0.22 North		
NY-15A	0.22 WNW		
Spring Blossom Cir	0.09 NW		

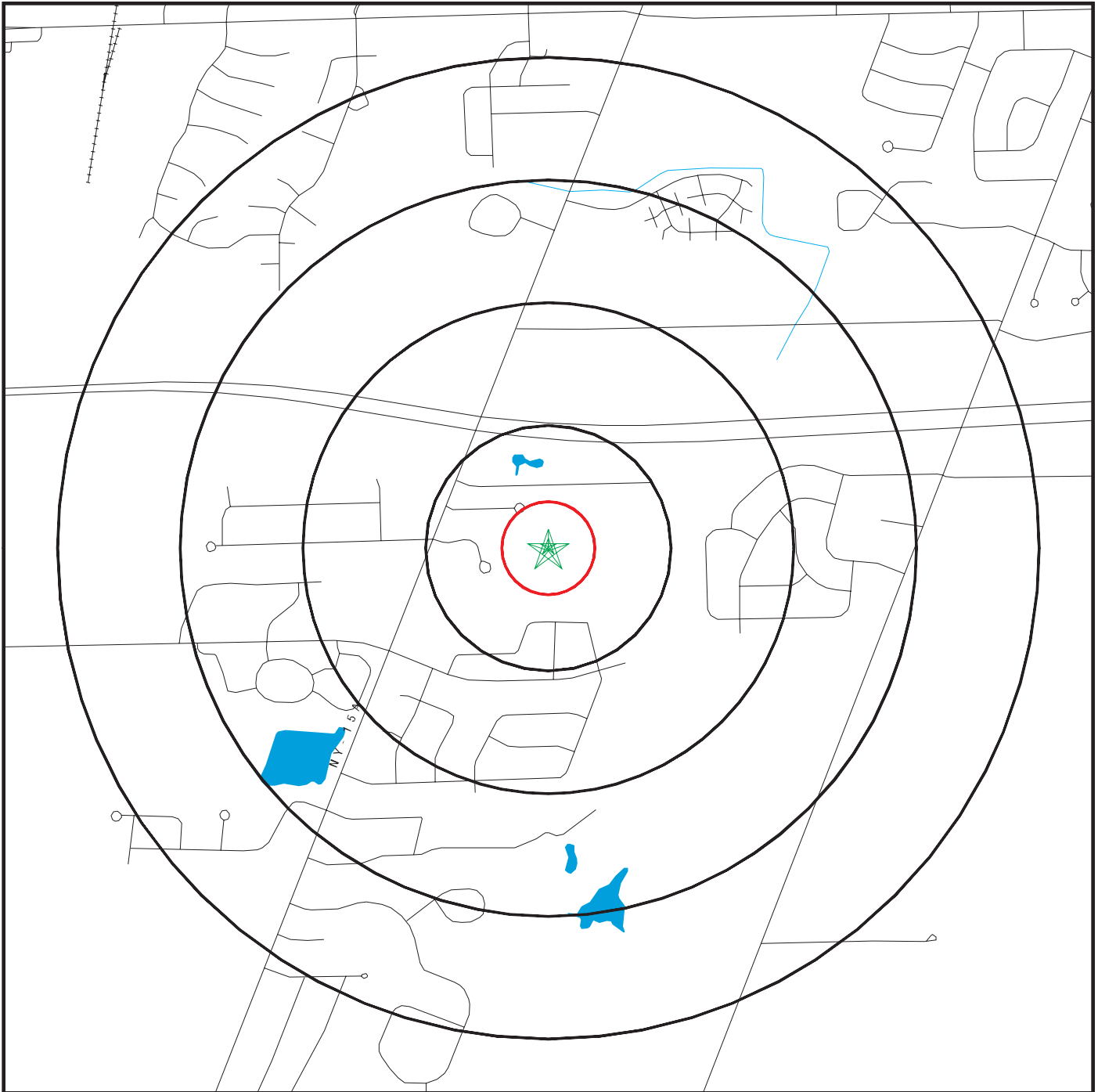
# Environmental FirstSearch

1.000 Mile Radius

ASTM MAP: NPL, RCRA/COR, STATES Sites



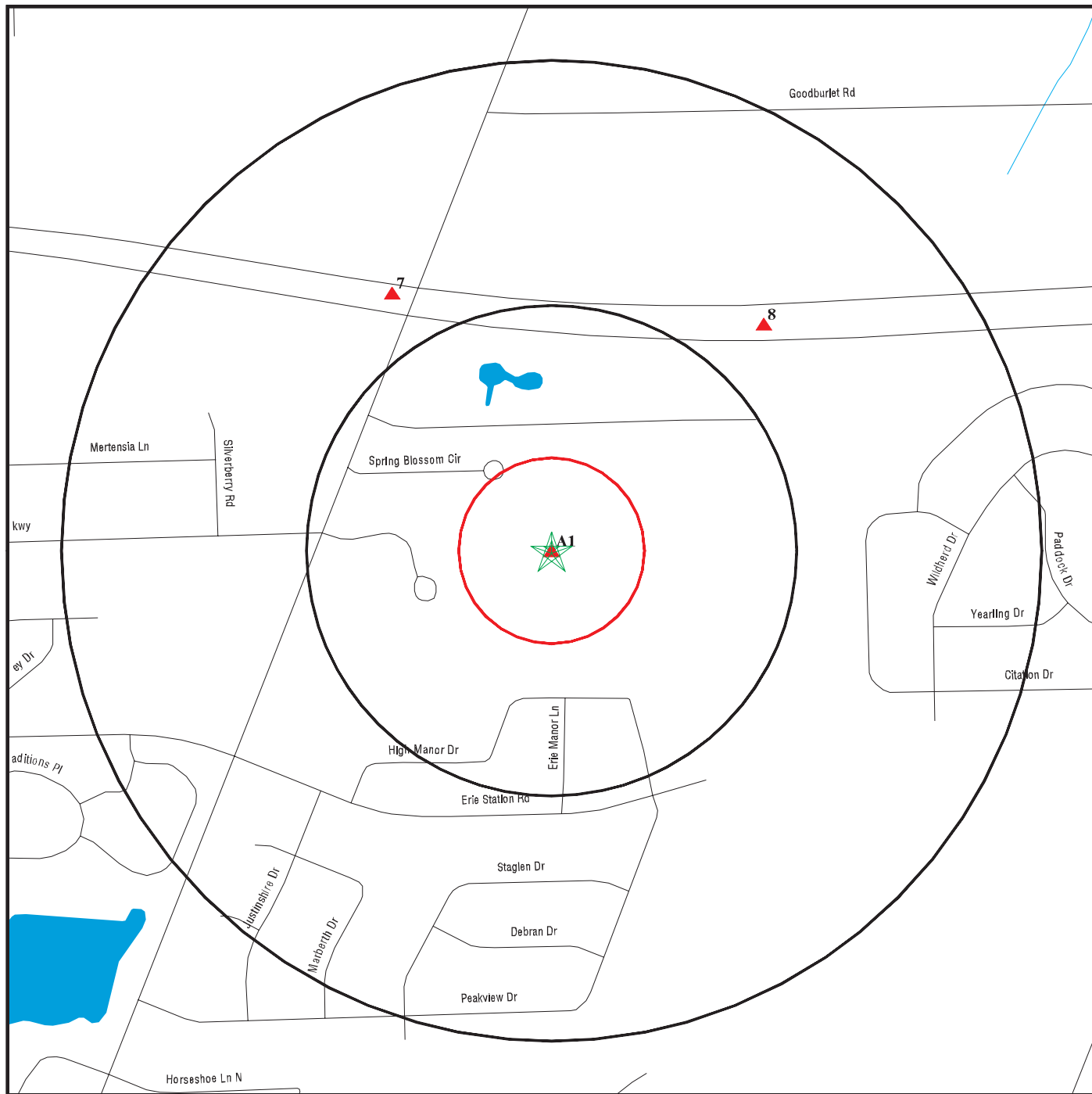
4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467



**Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius**

- ★ Target Property (Latitude: 43.04359 Longitude: 77.616099)
- ▲ Identified Sites
- ▨ Indian Reservations BIA
- ▧ National Priority List Sites

4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467



**Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius**

- ★ Target Property (Latitude: 43.04359 Longitude: 77.616099)
- ▲ Identified Sites
- ▭ Indian Reservations BIA
- ▭ National Priority List Sites



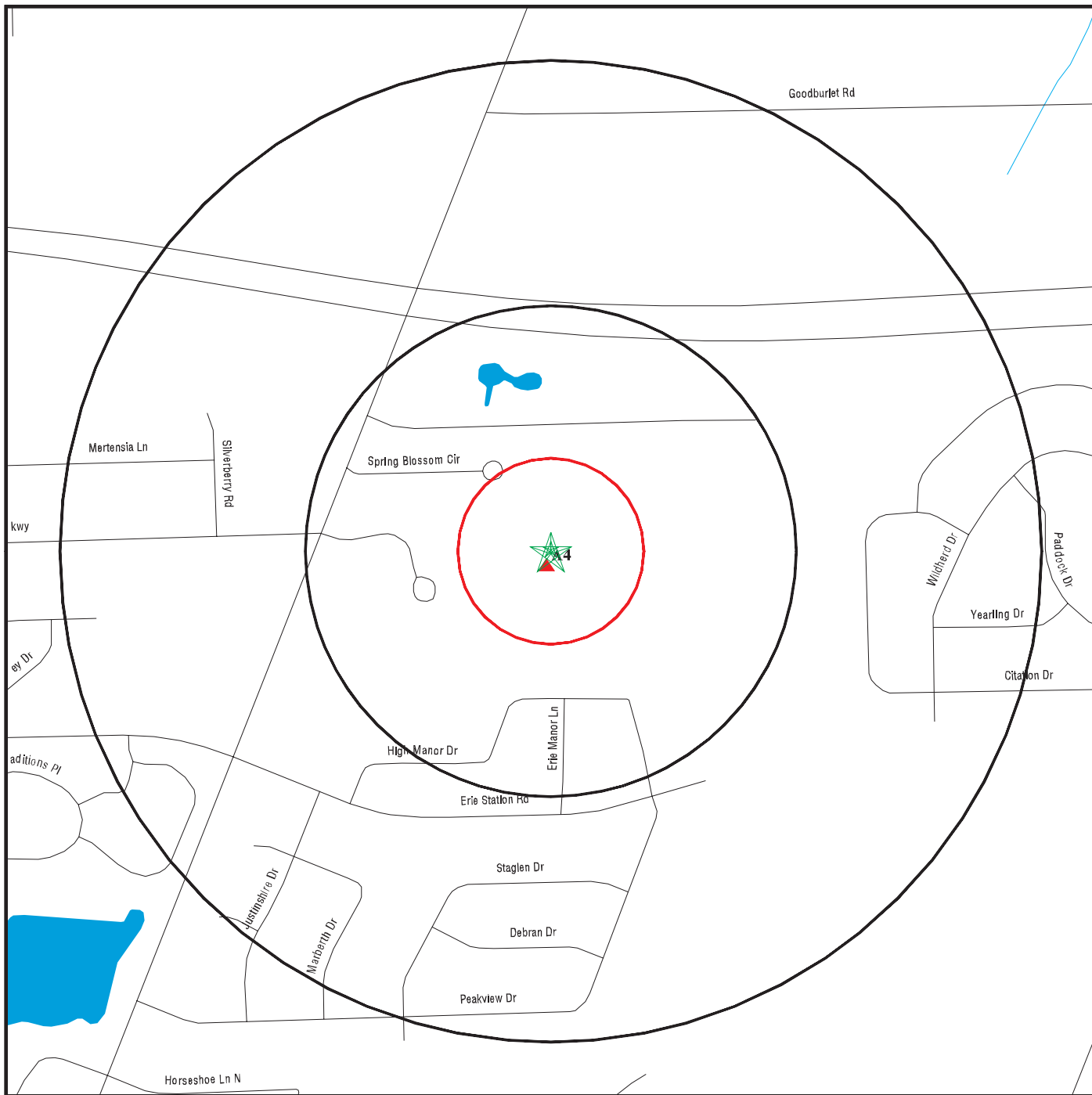
# Environmental FirstSearch

0.500 Mile Radius

ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS



4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467



**Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius**

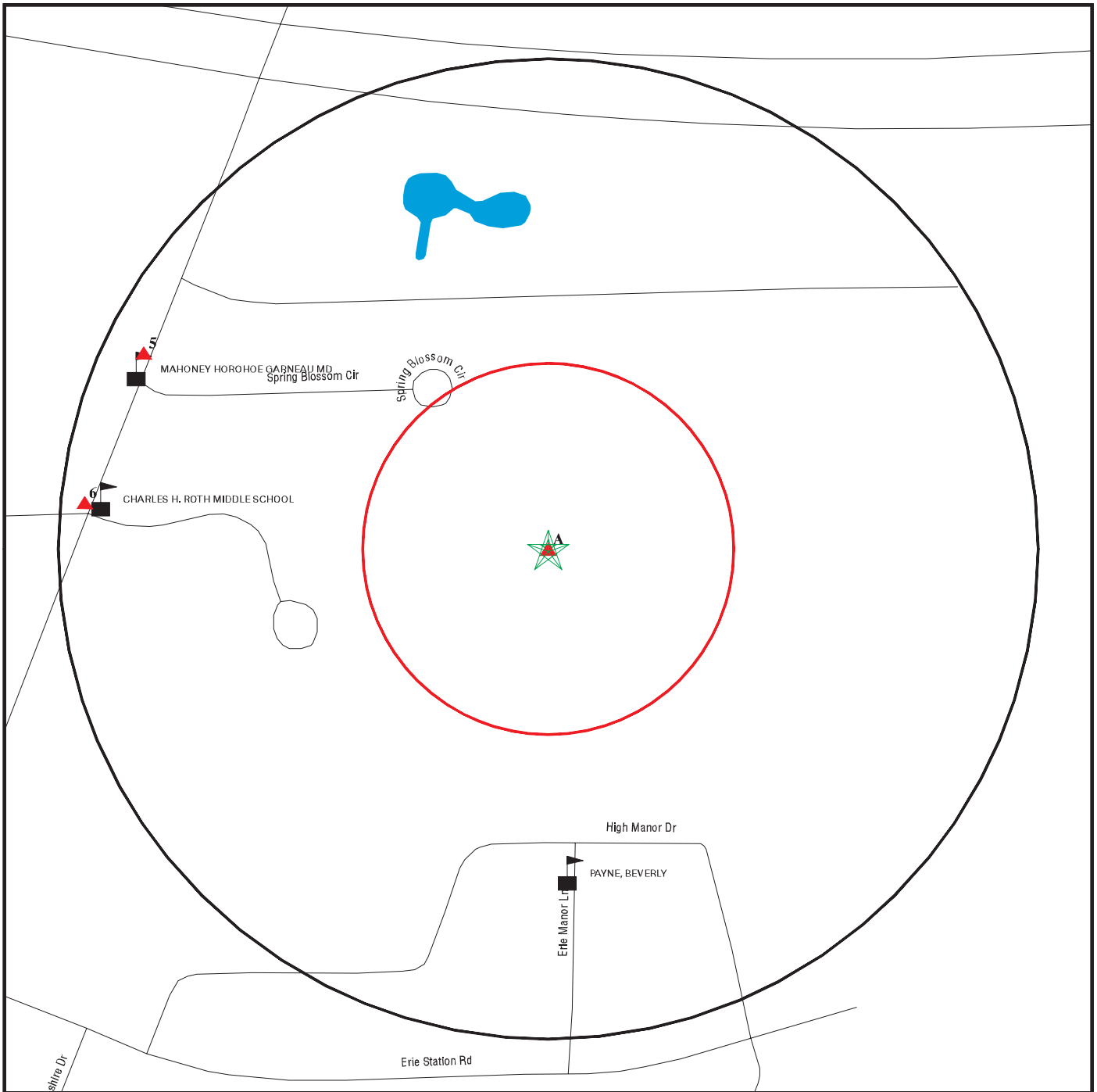
- ★ Target Property (Latitude: 43.04359 Longitude: 77.616099)
- ▲ Identified Sites
- ▭ Indian Reservations BIA
- ▭ National Priority List Sites

# Environmental FirstSearch

0.25 Mile Radius  
Non ASTM Map, Spills, FINDS



4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467



**Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius**

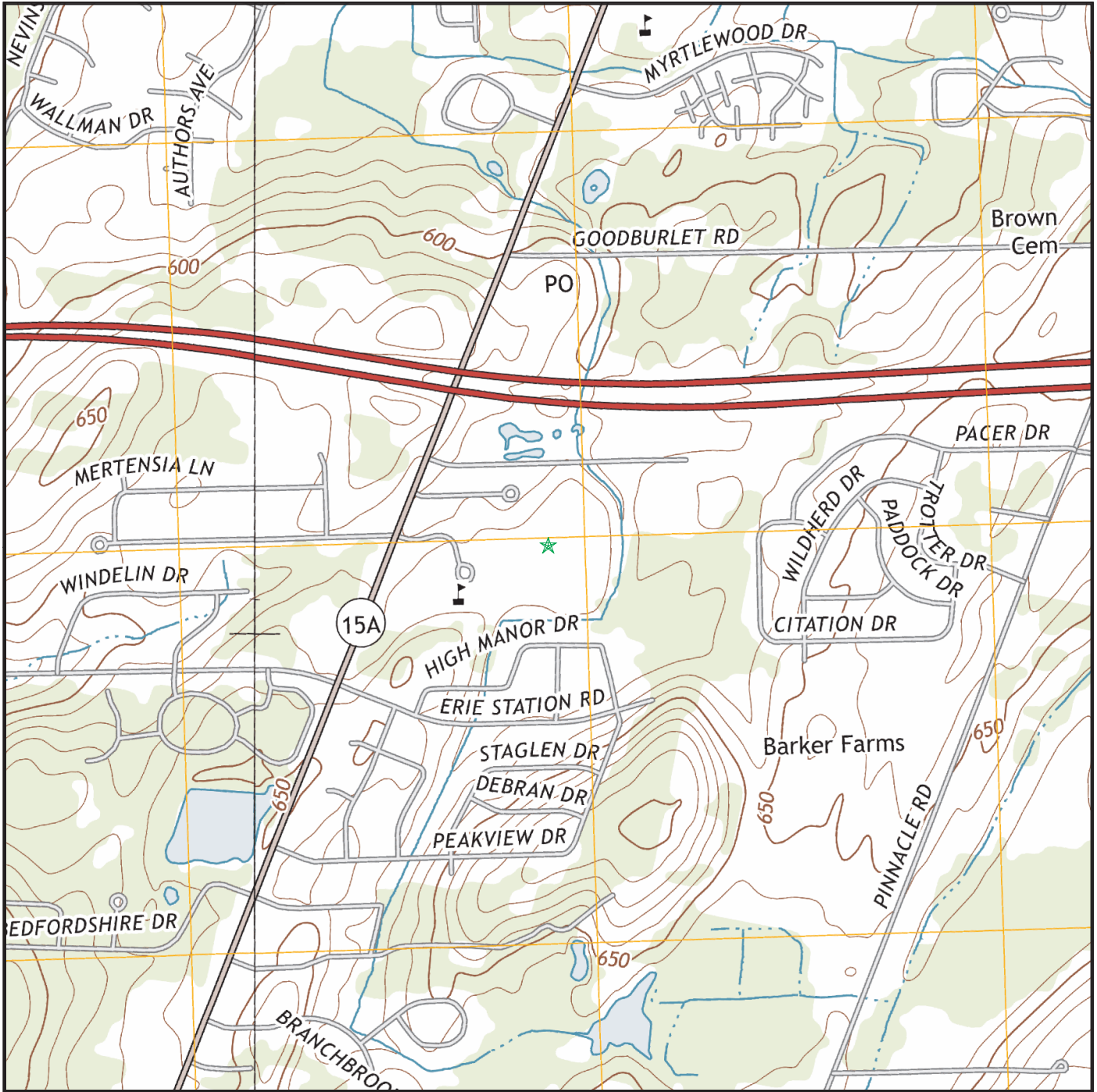
- ★ Target Property (Latitude: 43.04359 Longitude: 77.616099)
- ▲ Identified Sites
- ▣ Indian Reservations BIA
- ⚠ Sensitive Receptors
- ⚠ National Priority List Sites

# Site location Map

Topo: 0.75 Mile Radius



4000 EAST HENRIETTA ROAD HENRIETTA, NY 14467



Map Image Position: TP  
Map Reference Code & Name: 5938705 Pittsford  
Map State(s): NY  
Version Date: 2013  
Map Image Position: W  
Map Reference Code & Name: 5938559 West Henrietta  
Map State(s): NY  
Version Date: 2013

**ATTACHMENT 5**

**COMFORT PARAMETER STATISTICS AND GRAPH**



**ATTACHMENT 6**

**ALPHA LABORATORIES LABORATORY REPORT**



## ANALYTICAL REPORT

Lab Number:	L1605437
Client:	Leader Professional Services, Inc. 271 Marsh Road, Suite 2 Pittsford, NY 14534
ATTN:	Peter Von Schondorf
Phone:	(585) 248-2413
Project Name:	ROTH
Project Number:	892001
Report Date:	03/02/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

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320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L1605437-01	IND-1	AIR	HENRIETTA	02/25/16 14:46	02/26/16
L1605437-02	IND-2	AIR	HENRIETTA	02/25/16 14:43	02/26/16
L1605437-03	IND-3	AIR	HENRIETTA	02/25/16 14:24	02/26/16
L1605437-04	IND-4	AIR	HENRIETTA	02/25/16 14:34	02/26/16
L1605437-05	IND-5	AIR	HENRIETTA	02/25/16 14:30	02/26/16
L1605437-06	IND-6	AIR	HENRIETTA	02/25/16 14:23	02/26/16
L1605437-07	OUT-1	AIR	HENRIETTA	02/25/16 14:50	02/26/16

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

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**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Case Narrative (continued)

#### Volatile Organics in Air

Canisters were released from the laboratory on February 24, 2016. The canister certification results are provided as an addendum.

Sample L1605437-04 results for Isopropyl alcohol should be considered estimated due to co-elution with a non-target peak.

The WG869737-3 LCS recovery for Hexachlorobutadiene (131%) is above the upper 130% acceptance limit. The response for this compound was elevated however it was not detected in any of the associated samples therefore no further action was required.

#### Sample Receipt

The sample designated OUT-1 (L1605437-07) had a RPD for the pre- and post-flow controller calibration check (25% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 4.5 mL/minute; the final flow rate was 5.8 mL/minute. The final pressure recorded by the laboratory of the associated canister was -3.7 inches of mercury. No further action was required.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 03/02/16

**AIR**

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-01  
 Client ID: IND-1  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 03/01/16 23:10  
 Analyst: MB

Date Collected: 02/25/16 14:46  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	0.338	0.200	--	1.67	0.989	--		1
Chloromethane	0.546	0.200	--	1.13	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	8.30	5.00	--	15.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.52	1.00	--	13.1	2.38	--		1
Trichlorofluoromethane	0.264	0.200	--	1.48	1.12	--		1
Isopropanol	1.58	0.500	--	3.88	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-01  
 Client ID: IND-1  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:46  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1





**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-01  
 Client ID: IND-1  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:46  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	80		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	89		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-01  
 Client ID: IND-1  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 03/01/16 23:10  
 Analyst: MB

Date Collected: 02/25/16 14:46  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.093	0.020	--	0.585	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.031	0.020	--	0.210	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	90		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-02  
 Client ID: IND-2  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 03/01/16 23:43  
 Analyst: MB

Date Collected: 02/25/16 14:43  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	0.399	0.200	--	1.97	0.989	--		1
Chloromethane	0.504	0.200	--	1.04	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	116	5.00	--	219	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.64	1.00	--	15.8	2.38	--		1
Trichlorofluoromethane	0.286	0.200	--	1.61	1.12	--		1
Isopropanol	4.82	0.500	--	11.8	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-02  
 Client ID: IND-2  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:43  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	0.207	0.200	--	0.661	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.526	0.200	--	1.98	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1





**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-02  
 Client ID: IND-2  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:43  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	79		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	89		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-02  
 Client ID: IND-2  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 03/01/16 23:43  
 Analyst: MB

Date Collected: 02/25/16 14:43  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.093	0.020	--	0.585	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.038	0.020	--	0.258	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	90		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-03  
 Client ID: IND-3  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 03/02/16 00:48  
 Analyst: MB

Date Collected: 02/25/16 14:24  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	0.453	0.200	--	2.24	0.989	--		1
Chloromethane	0.613	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	232	5.00	--	437	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.64	1.00	--	15.8	2.38	--		1
Trichlorofluoromethane	0.293	0.200	--	1.65	1.12	--		1
Isopropanol	18.4	0.500	--	45.2	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	1.05	0.500	--	3.78	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-03  
 Client ID: IND-3  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:24  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.264	0.200	--	0.995	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1





**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-03  
 Client ID: IND-3  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:24  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	76		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	88		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-03  
 Client ID: IND-3  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 03/02/16 00:48  
 Analyst: MB

Date Collected: 02/25/16 14:24  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.099	0.020	--	0.623	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.092	0.020	--	0.624	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	77		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	89		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-04  
 Client ID: IND-4  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 03/02/16 01:20  
 Analyst: MB

Date Collected: 02/25/16 14:34  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	0.566	0.200	--	2.80	0.989	--		1
Chloromethane	0.686	0.200	--	1.42	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	126	5.00	--	237	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.16	1.00	--	14.6	2.38	--		1
Trichlorofluoromethane	0.326	0.200	--	1.83	1.12	--		1
Isopropanol	2.56	0.500	--	6.29	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-04  
 Client ID: IND-4  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:34  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	0.392	0.200	--	1.35	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.225	0.200	--	0.848	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1





**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-04  
 Client ID: IND-4  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:34  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	73		60-140
Bromochloromethane	78		60-140
chlorobenzene-d5	88		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-04  
 Client ID: IND-4  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 03/02/16 01:20  
 Analyst: MB

Date Collected: 02/25/16 14:34  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.100	0.020	--	0.629	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.050	0.020	--	0.339	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	74		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	88		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-05  
 Client ID: IND-5  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 03/02/16 01:52  
 Analyst: MB

Date Collected: 02/25/16 14:30  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	0.470	0.200	--	2.32	0.989	--		1
Chloromethane	0.619	0.200	--	1.28	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	43.2	5.00	--	81.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.71	1.00	--	11.2	2.38	--		1
Trichlorofluoromethane	0.306	0.200	--	1.72	1.12	--		1
Isopropanol	4.38	0.500	--	10.8	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-05  
 Client ID: IND-5  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:30  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1





**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-05  
 Client ID: IND-5  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:30  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	76		60-140
Bromochloromethane	81		60-140
chlorobenzene-d5	87		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-05  
 Client ID: IND-5  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 03/02/16 01:52  
 Analyst: MB

Date Collected: 02/25/16 14:30  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.096	0.020	--	0.604	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.046	0.020	--	0.312	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	76		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	88		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-06  
 Client ID: IND-6  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 03/02/16 02:25  
 Analyst: MB

Date Collected: 02/25/16 14:23  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	0.453	0.200	--	2.24	0.989	--		1
Chloromethane	0.756	0.200	--	1.56	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	167	5.00	--	315	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	39.5	1.00	--	93.8	2.38	--		1
Trichlorofluoromethane	0.437	0.200	--	2.46	1.12	--		1
Isopropanol	10.4	0.500	--	25.6	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	0.616	0.500	--	2.22	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-06  
 Client ID: IND-6  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:23  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Hexane	0.379	0.200	--	1.34	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	0.629	0.200	--	2.17	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.317	0.200	--	1.30	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.66	0.200	--	6.26	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1





**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-06  
 Client ID: IND-6  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:23  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	67		60-140
chlorobenzene-d5	90		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-06  
 Client ID: IND-6  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 03/02/16 02:25  
 Analyst: MB

Date Collected: 02/25/16 14:23  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.089	0.020	--	0.560	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.060	0.020	--	0.407	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	82		60-140
bromochloromethane	76		60-140
chlorobenzene-d5	90		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-07  
 Client ID: OUT-1  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 03/01/16 22:38  
 Analyst: MB

Date Collected: 02/25/16 14:50  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.441	0.200	--	2.18	0.989	--		1
Chloromethane	0.553	0.200	--	1.14	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.39	1.00	--	3.30	2.38	--		1
Trichlorofluoromethane	0.266	0.200	--	1.49	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-07  
 Client ID: OUT-1  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:50  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1





**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-07  
 Client ID: OUT-1  
 Sample Location: HENRIETTA

Date Collected: 02/25/16 14:50  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	96		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### SAMPLE RESULTS

Lab ID: L1605437-07  
 Client ID: OUT-1  
 Sample Location: HENRIETTA  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 03/01/16 22:38  
 Analyst: MB

Date Collected: 02/25/16 14:50  
 Date Received: 02/26/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.083	0.020	--	0.522	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.030	0.020	--	0.203	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	105		60-140
chlorobenzene-d5	95		60-140



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15  
Analytical Date: 03/01/16 14:17

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG869737-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15  
Analytical Date: 03/01/16 14:17

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG869737-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1





**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15  
Analytical Date: 03/01/16 14:17

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG869737-4								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM  
Analytical Date: 03/01/16 14:50

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-07 Batch: WG869738-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM  
Analytical Date: 03/01/16 14:50

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-07 Batch: WG869738-4								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM  
Analytical Date: 03/01/16 14:50

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-07 Batch: WG869738-4								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG869737-3								
Chlorodifluoromethane	94		-		70-130	-		
Propylene	95		-		70-130	-		
Dichlorodifluoromethane	109		-		70-130	-		
Chloromethane	87		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	106		-		70-130	-		
Methanol	73		-		70-130	-		
Vinyl chloride	94		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Butane	80		-		70-130	-		
Bromomethane	101		-		70-130	-		
Chloroethane	90		-		70-130	-		
Ethyl Alcohol	86		-		70-130	-		
Dichlorofluoromethane	97		-		70-130	-		
Vinyl bromide	101		-		70-130	-		
Acrolein	90		-		70-130	-		
Acetone	99		-		70-130	-		
Acetonitrile	73		-		70-130	-		
Trichlorofluoromethane	122		-		70-130	-		
iso-Propyl Alcohol	100		-		70-130	-		
Acrylonitrile	84		-		70-130	-		
Pentane	77		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG869737-3								
Ethyl ether	76		-		70-130	-		
1,1-Dichloroethene	104		-		70-130	-		
tert-Butyl Alcohol	95		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	90		-		70-130	-		
Carbon disulfide	88		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	92		-		70-130	-		
Methyl tert butyl ether	95		-		70-130	-		
Vinyl acetate	96		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	107		-		70-130	-		
Ethyl Acetate	109		-		70-130	-		
Chloroform	118		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
2,2-Dichloropropane	110		-		70-130	-		
1,2-Dichloroethane	120		-		70-130	-		
n-Hexane	82		-		70-130	-		
Isopropyl Ether	84		-		70-130	-		
Ethyl-Tert-Butyl-Ether	79		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG869737-3								
1,1,1-Trichloroethane	106		-		70-130	-		
1,1-Dichloropropene	88		-		70-130	-		
Benzene	87		-		70-130	-		
Carbon tetrachloride	111		-		70-130	-		
Cyclohexane	80		-		70-130	-		
Tertiary-Amyl Methyl Ether	78		-		70-130	-		
Dibromomethane	94		-		70-130	-		
1,2-Dichloropropane	82		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	96		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	83		-		70-130	-		
Methyl Methacrylate	79		-		70-130	-		
Heptane	78		-		70-130	-		
cis-1,3-Dichloropropene	96		-		70-130	-		
4-Methyl-2-pentanone	85		-		70-130	-		
trans-1,3-Dichloropropene	90		-		70-130	-		
1,1,2-Trichloroethane	96		-		70-130	-		
Toluene	91		-		70-130	-		
1,3-Dichloropropane	85		-		70-130	-		
2-Hexanone	89		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG869737-3								
Dibromochloromethane	109		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		
Butyl Acetate	86		-		70-130	-		
Octane	79		-		70-130	-		
Tetrachloroethene	103		-		70-130	-		
1,1,1,2-Tetrachloroethane	100		-		70-130	-		
Chlorobenzene	98		-		70-130	-		
Ethylbenzene	92		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	118		-		70-130	-		
Styrene	94		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		
o-Xylene	100		-		70-130	-		
1,2,3-Trichloropropane	89		-		70-130	-		
Nonane (C9)	76		-		70-130	-		
Isopropylbenzene	95		-		70-130	-		
Bromobenzene	90		-		70-130	-		
o-Chlorotoluene	95		-		70-130	-		
n-Propylbenzene	94		-		70-130	-		
p-Chlorotoluene	93		-		70-130	-		
4-Ethyltoluene	96		-		70-130	-		



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG869737-3								
1,3,5-Trimethylbenzene	100		-		70-130	-		
tert-Butylbenzene	96		-		70-130	-		
1,2,4-Trimethylbenzene	106		-		70-130	-		
Decane (C10)	84		-		70-130	-		
Benzyl chloride	111		-		70-130	-		
1,3-Dichlorobenzene	110		-		70-130	-		
1,4-Dichlorobenzene	108		-		70-130	-		
sec-Butylbenzene	96		-		70-130	-		
p-Isopropyltoluene	90		-		70-130	-		
1,2-Dichlorobenzene	111		-		70-130	-		
n-Butylbenzene	98		-		70-130	-		
1,2-Dibromo-3-chloropropane	103		-		70-130	-		
Undecane	92		-		70-130	-		
Dodecane (C12)	103		-		70-130	-		
1,2,4-Trichlorobenzene	129		-		70-130	-		
Naphthalene	111		-		70-130	-		
1,2,3-Trichlorobenzene	117		-		70-130	-		
Hexachlorobutadiene	131	Q	-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-07 Batch: WG869738-3								
Dichlorodifluoromethane	111		-		70-130	-		25
Chloromethane	100		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	122		-		70-130	-		25
Vinyl chloride	107		-		70-130	-		25
1,3-Butadiene	107		-		70-130	-		25
Bromomethane	114		-		70-130	-		25
Chloroethane	99		-		70-130	-		25
Acetone	117		-		70-130	-		25
Trichlorofluoromethane	142	Q	-		70-130	-		25
Acrylonitrile	90		-		70-130	-		25
1,1-Dichloroethene	121		-		70-130	-		25
Methylene chloride	110		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	118		-		70-130	-		25
Halothane	131	Q	-		70-130	-		25
trans-1,2-Dichloroethene	100		-		70-130	-		25
1,1-Dichloroethane	106		-		70-130	-		25
Methyl tert butyl ether	107		-		70-130	-		25
2-Butanone	98		-		70-130	-		25
cis-1,2-Dichloroethene	121		-		70-130	-		25
Chloroform	136	Q	-		70-130	-		25
1,2-Dichloroethane	136	Q	-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-07 Batch: WG869738-3								
1,1,1-Trichloroethane	107		-		70-130	-		25
Benzene	85		-		70-130	-		25
Carbon tetrachloride	115		-		70-130	-		25
1,2-Dichloropropane	86		-		70-130	-		25
Bromodichloromethane	106		-		70-130	-		25
1,4-Dioxane	97		-		70-130	-		25
Trichloroethene	102		-		70-130	-		25
cis-1,3-Dichloropropene	100		-		70-130	-		25
4-Methyl-2-pentanone	90		-		70-130	-		25
trans-1,3-Dichloropropene	91		-		70-130	-		25
1,1,2-Trichloroethane	100		-		70-130	-		25
Toluene	90		-		70-130	-		25
Dibromochloromethane	113		-		70-130	-		25
1,2-Dibromoethane	102		-		70-130	-		25
Tetrachloroethene	105		-		70-130	-		25
1,1,1,2-Tetrachloroethane	101		-		70-130	-		25
Chlorobenzene	99		-		70-130	-		25
Ethylbenzene	95		-		70-130	-		25
p/m-Xylene	98		-		70-130	-		25
Bromoform	121		-		70-130	-		25
Styrene	94		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-07 Batch: WG869738-3								
1,1,1,2-Tetrachloroethane	100		-		70-130	-		25
o-Xylene	100		-		70-130	-		25
Isopropylbenzene	94		-		70-130	-		25
4-Ethyltoluene	99		-		70-130	-		25
1,3,5-Trimethylbenzene	102		-		70-130	-		25
1,2,4-Trimethylbenzene	106		-		70-130	-		25
1,3-Dichlorobenzene	113		-		70-130	-		25
1,4-Dichlorobenzene	109		-		70-130	-		25
sec-Butylbenzene	97		-		70-130	-		25
p-Isopropyltoluene	92		-		70-130	-		25
1,2-Dichlorobenzene	107		-		70-130	-		25
n-Butylbenzene	102		-		70-130	-		25
1,2,4-Trichlorobenzene	130		-		70-130	-		25
Naphthalene	112		-		70-130	-		25
1,2,3-Trichlorobenzene	120		-		70-130	-		25
Hexachlorobutadiene	130		-		70-130	-		25

## Lab Duplicate Analysis

### Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG869737-5 QC Sample: L1605437-02 Client ID: IND-2						
Dichlorodifluoromethane	0.399	0.334	ppbV	18		25
Chloromethane	0.504	0.561	ppbV	11		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	116	123	ppbV	6		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	6.64	7.16	ppbV	8		25
Trichlorofluoromethane	0.286	0.321	ppbV	12		25
Isopropanol	4.82	5.18	ppbV	7		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25



## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG869737-5 QC Sample: L1605437-02 Client ID: IND-2					
2-Butanone	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
Benzene	0.207	0.202	ppbV	2	25
Cyclohexane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
Heptane	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	0.526	0.515	ppbV	2	25
2-Hexanone	ND	ND	ppbV	NC	25

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG869737-5 QC Sample: L1605437-02 Client ID: IND-2					
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG869738-5 QC Sample: L1605437-02 Client ID: IND-2					
Vinyl chloride	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.093	0.098	ppbV	5	25
Trichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.038	0.040	ppbV	5	25

Project Name: ROTH

Project Number: 892001

Serial\_No:03021616:21  
Lab Number: L1605437

Report Date: 03/02/16

### Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1605437-01	IND-1	0944	#4 AMB	02/24/16	217577		-	-	-	Pass	4.3	4.5	5
L1605437-01	IND-1	359	2.7L Can	02/24/16	217577	L1604691-01	Pass	-29.6	-11.3	-	-	-	-
L1605437-02	IND-2	0941	#4 AMB	02/24/16	217577		-	-	-	Pass	4.5	4.6	2
L1605437-02	IND-2	474	2.7L Can	02/24/16	217577	L1604533-01	Pass	-29.7	-9.4	-	-	-	-
L1605437-03	IND-3	0680	#20 AMB	02/24/16	217577		-	-	-	Pass	4.4	4.4	0
L1605437-03	IND-3	2017	2.7L Can	02/24/16	217577	L1604365-02	Pass	-29.7	-11.0	-	-	-	-
L1605437-04	IND-4	0804	#4 AMB	02/24/16	217577		-	-	-	Pass	4.1	4.1	0
L1605437-04	IND-4	462	2.7L Can	02/24/16	217577	L1604691-01	Pass	-29.6	-13.3	-	-	-	-
L1605437-05	IND-5	0809	#4 AMB	02/24/16	217577		-	-	-	Pass	4.1	4.3	5
L1605437-05	IND-5	1737	2.7L Can	02/24/16	217577	L1604691-01	Pass	-29.8	-11.1	-	-	-	-
L1605437-06	IND-6	0441	#30 SV	02/24/16	217577		-	-	-	Pass	4.1	4.1	0
L1605437-06	IND-6	552	2.7L Can	02/24/16	217577	L1604800-01	Pass	-30.0	-11.1	-	-	-	-
L1605437-07	OUT-1	0149	#20 SV	02/24/16	217577		-	-	-	Pass	4.5	5.8	25
L1605437-07	OUT-1	338	2.7L Can	02/24/16	217577	L1604177-02	Pass	-30.0	-3.7	-	-	-	-

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604177  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604177-02  
 Client ID: CAN 338 SHELF 4  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 02/17/16 17:43  
 Analyst: RY

Date Collected: 02/16/16 16:00  
 Date Received: 02/17/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604177  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604177-02  
 Client ID: CAN 338 SHELF 4  
 Sample Location:

Date Collected: 02/16/16 16:00  
 Date Received: 02/17/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604177  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604177-02  
 Client ID: CAN 338 SHELF 4  
 Sample Location:

Date Collected: 02/16/16 16:00  
 Date Received: 02/17/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604177  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604177-02  
 Client ID: CAN 338 SHELF 4  
 Sample Location:

Date Collected: 02/16/16 16:00  
 Date Received: 02/17/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604177  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604177-02 Date Collected: 02/16/16 16:00  
 Client ID: CAN 338 SHELF 4 Date Received: 02/17/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	95		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604177  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604177-02  
 Client ID: CAN 338 SHELF 4  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 02/17/16 18:23  
 Analyst: RY

Date Collected: 02/16/16 16:00  
 Date Received: 02/17/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604177  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604177-02  
 Client ID: CAN 338 SHELF 4  
 Sample Location:

Date Collected: 02/16/16 16:00  
 Date Received: 02/17/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604177  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604177-02  
 Client ID: CAN 338 SHELF 4  
 Sample Location:

Date Collected: 02/16/16 16:00  
 Date Received: 02/17/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604365  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604365-02  
 Client ID: CAN 2017 SHELF 7  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 02/18/16 10:44  
 Analyst: AR

Date Collected: 02/17/16 16:00  
 Date Received: 02/18/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604365  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604365-02  
 Client ID: CAN 2017 SHELF 7  
 Sample Location:

Date Collected: 02/17/16 16:00  
 Date Received: 02/18/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604365  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604365-02 Date Collected: 02/17/16 16:00  
 Client ID: CAN 2017 SHELF 7 Date Received: 02/18/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604365  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604365-02  
 Client ID: CAN 2017 SHELF 7  
 Sample Location:

Date Collected: 02/17/16 16:00  
 Date Received: 02/18/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604365  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604365-02 Date Collected: 02/17/16 16:00  
 Client ID: CAN 2017 SHELF 7 Date Received: 02/18/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	93		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604365  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604365-02  
 Client ID: CAN 2017 SHELF 7  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 02/18/16 10:44  
 Analyst: RY

Date Collected: 02/17/16 16:00  
 Date Received: 02/18/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604365  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604365-02  
 Client ID: CAN 2017 SHELF 7  
 Sample Location:

Date Collected: 02/17/16 16:00  
 Date Received: 02/18/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604365  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604365-02  
 Client ID: CAN 2017 SHELF 7  
 Sample Location:

Date Collected: 02/17/16 16:00  
 Date Received: 02/18/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604533  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604533-01  
 Client ID: CAN 474 SHELF 3  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 02/20/16 15:02  
 Analyst: RY

Date Collected: 02/18/16 16:00  
 Date Received: 02/19/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604533  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604533-01  
 Client ID: CAN 474 SHELF 3  
 Sample Location:

Date Collected: 02/18/16 16:00  
 Date Received: 02/19/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604533  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604533-01  
 Client ID: CAN 474 SHELF 3  
 Sample Location:

Date Collected: 02/18/16 16:00  
 Date Received: 02/19/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604533  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604533-01  
 Client ID: CAN 474 SHELF 3  
 Sample Location:

Date Collected: 02/18/16 16:00  
 Date Received: 02/19/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604533  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604533-01 Date Collected: 02/18/16 16:00  
 Client ID: CAN 474 SHELF 3 Date Received: 02/19/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	93		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604533  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604533-01  
 Client ID: CAN 474 SHELF 3  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 02/20/16 15:02  
 Analyst: RY

Date Collected: 02/18/16 16:00  
 Date Received: 02/19/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604533  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604533-01  
 Client ID: CAN 474 SHELF 3  
 Sample Location:

Date Collected: 02/18/16 16:00  
 Date Received: 02/19/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604533  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604533-01 Date Collected: 02/18/16 16:00  
 Client ID: CAN 474 SHELF 3 Date Received: 02/19/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	98		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604691  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604691-01  
 Client ID: CAN 499 SHELF 8  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 02/22/16 14:18  
 Analyst: MB

Date Collected: 02/19/16 17:00  
 Date Received: 02/20/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604691  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604691-01  
 Client ID: CAN 499 SHELF 8  
 Sample Location:

Date Collected: 02/19/16 17:00  
 Date Received: 02/20/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604691  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604691-01  
 Client ID: CAN 499 SHELF 8  
 Sample Location:

Date Collected: 02/19/16 17:00  
 Date Received: 02/20/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604691  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604691-01  
 Client ID: CAN 499 SHELF 8  
 Sample Location:

Date Collected: 02/19/16 17:00  
 Date Received: 02/20/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604691  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604691-01 Date Collected: 02/19/16 17:00  
 Client ID: CAN 499 SHELF 8 Date Received: 02/20/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604691  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604691-01  
 Client ID: CAN 499 SHELF 8  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 02/22/16 14:18  
 Analyst: MB

Date Collected: 02/19/16 17:00  
 Date Received: 02/20/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604691  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604691-01 Date Collected: 02/19/16 17:00  
 Client ID: CAN 499 SHELF 8 Date Received: 02/20/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604691  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604691-01 Date Collected: 02/19/16 17:00  
 Client ID: CAN 499 SHELF 8 Date Received: 02/20/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604800  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604800-01  
 Client ID: CAN 502 SHELF 1  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 02/23/16 14:50  
 Analyst: RY

Date Collected: 02/22/16 16:00  
 Date Received: 02/23/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604800  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604800-01  
 Client ID: CAN 502 SHELF 1  
 Sample Location:

Date Collected: 02/22/16 16:00  
 Date Received: 02/23/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604800  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604800-01  
 Client ID: CAN 502 SHELF 1  
 Sample Location:

Date Collected: 02/22/16 16:00  
 Date Received: 02/23/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604800  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604800-01  
 Client ID: CAN 502 SHELF 1  
 Sample Location:

Date Collected: 02/22/16 16:00  
 Date Received: 02/23/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604800  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604800-01 Date Collected: 02/22/16 16:00  
 Client ID: CAN 502 SHELF 1 Date Received: 02/23/16  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604800  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604800-01  
 Client ID: CAN 502 SHELF 1  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 02/23/16 14:50  
 Analyst: RY

Date Collected: 02/22/16 16:00  
 Date Received: 02/23/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604800  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604800-01  
 Client ID: CAN 502 SHELF 1  
 Sample Location:

Date Collected: 02/22/16 16:00  
 Date Received: 02/23/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1604800  
**Report Date:** 03/02/16

### Air Canister Certification Results

Lab ID: L1604800-01  
 Client ID: CAN 502 SHELF 1  
 Sample Location:

Date Collected: 02/22/16 16:00  
 Date Received: 02/23/16  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

### Sample Receipt and Container Information

Were project specific reporting limits specified? YES

#### Cooler Information Custody Seal

##### Cooler

N/A Present/Intact

#### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1605437-01A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)
L1605437-02A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)
L1605437-03A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)
L1605437-04A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)
L1605437-05A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)
L1605437-06A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)
L1605437-07A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)

\*Values in parentheses indicate holding time in days



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MS D	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**Report Format:** Data Usability Report



**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

#### Data Qualifiers

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

**Project Name:** ROTH  
**Project Number:** 892001

**Lab Number:** L1605437  
**Report Date:** 03/02/16

## REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 524.2:** 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene  
**EPA 624:** 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene  
**EPA 625:** Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.  
**EPA 1010A:** NPW: Ignitability  
**EPA 6010C:** NPW: Strontium; SCM: Strontium  
**EPA 8151A:** NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP  
**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.  
**EPA 8270D:** NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.  
**EPA 9010:** NPW: Amenable Cyanide Distillation, Total Cyanide Distillation  
**EPA 9038:** NPW: Sulfate  
**EPA 9050A:** NPW: Specific Conductance  
**EPA 9056:** NPW: Chloride, Nitrate, Sulfate  
**EPA 9065:** NPW: Phenols  
**EPA 9251:** NPW: Chloride  
**SM3500:** NPW: Ferrous Iron  
**SM4500:** NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.  
**SM5310C:** DW: Dissolved Organic Carbon

### Mansfield Facility

**EPA 8270D:** NPW: Biphenyl; SCM: Biphenyl, Caprolactam  
**EPA 8270D-SIM Isotope Dilution:** SCM: 1,4-Dioxane  
**SM 2540D:** TSS  
**SM2540G:** SCM: Percent Solids  
**EPA 1631E:** SCM: Mercury  
**EPA 7474:** SCM: Mercury  
**EPA 8081B:** NPW and SCM: Mirex, Hexachlorobenzene.  
**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.  
**EPA 8270-SIM:** NPW and SCM: Alkylated PAHs.  
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.  
**Biological Tissue Matrix:** **8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:** Lead; **8270D:** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

### Drinking Water

**EPA 200.8:** Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;  
**EPA 300.0:** Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**  
**EPA 332:** Perchlorate.  
**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

### Non-Potable Water

**EPA 200.8:** Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;  
**EPA 200.7:** Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;  
**EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**  
**EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**  
**EPA 624:** Volatile Halocarbons & Aromatics,  
**EPA 608:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs  
**EPA 625:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.  
**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



# AIR ANALYSIS

PAGE 1 OF 1

Date Rec'd in Lab: 2/20/16

ALPHA Job #: 41605437

## CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048  
 TEL: 508-822-9300 FAX: 508-822-3288

### Client Information

Client: LEADER PROF. SVC.  
 Address: 271 MARSH RD STE 2  
 Pittsford, N.Y.  
 Phone: 585-248-2413

### Project Information

Project Name: ROTH  
 Project Location: HENRIETTA  
 Project #: 892001  
 Project Manager: P. VONSCHONDORF  
 ALPHA Quote #:

### Report Information - Data Deliverables

FAX  
 ADEX  
 Criteria Checker:  
 (Default based on Regulatory Criteria Indicated)  
 Other Formats:  
 EMAIL (standard pdf report)  
 Additional Deliverables:  
 Report to: (if different than Project Manager)

### Billing Information

Same as Client info PO #: 892001

### Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved)

Fax:

Email: pvonschondorf@leaderlink.com  
 Date Due: Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

### ANALYSIS

### All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15 TO-15 SIM	APH Subtract Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum										
05437.01	IND-1	2-25-16	8:05	2:46	28.75	10-27	AA	PVS	2.7L	359	0944	✓				
02	IND-2	"	7:24	2:43	29.56	8-16	AA	PVS	"	474	0941	✓				
03	IND-3	"	7:19	2:24	28.5	9.59	AA	PVS	"	2017	0680	✓				
04	IND-4	"	7:47	2:34	28.3	12.46	AA	PVS	"	462	0904	✓				
05	IND-5	"	7:30	2:30	28.7	10.36	AA	PVS	"	1737	0809	✓				
06	IND-6	"	7:07	2:23	28.3	9.9	AA	PVS	"	552	0441	✓				
	<del>IND</del>															
07	OUT-1	"	8:13	2:50	29.64	4.4	AA	PVS	2.7L	338	0149	✓				

### \*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)  
 SV = Soil Vapor/Landfill Gas/SVE  
 Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time

*[Signature]*  
 2/26/16  
 2/27/16 0330

3/26/16 1600  
 2/27/16 0330

*[Signature]*  
 AAL  
 2/26/16 1600  
 2/27/16 0330



**ATTACHMENT 7**

**GALSON LABORATORIES LABORATORY REPORT**



**GALSON**  
LABORATORIES

Mr. Pete von Schondorf  
Leader Professional Services, Inc.  
271 Marsh Road  
Suite 2  
Pittsford, NY 14534

March 09, 2016

DOH ELAP #11626  
AIHA-LAP #100324

Account# 14935

Login# L368550

Dear Mr. von Schondorf:

Enclosed are the analytical results for the samples received by our laboratory on March 02, 2016. All test results meet the quality control requirements of AIHA-LAP and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report, with the exception of IOMs, which will be cleaned and disposed of after seven calendar days.

Current Scopes of Accreditation can be viewed at [www.galsonlabs.com](http://www.galsonlabs.com) in the accreditations section under the "about Galson" tab.

Please contact Amanda Frateschi at (888) 432-5227, if you would like any additional information regarding this report. Thank you for using SGS Galson Laboratories.

Sincerely,

SGS Galson Laboratories

Lisa Swab  
Laboratory Director

Enclosure(s)

Galson Laboratories, Inc. is now a part of SGS, the world's leading inspection, verification, testing, and certification company. As part of our transition to SGS, you will begin to see some formatting changes with reports that will improve the presentation of data and allow for the transition to the new logo.



# GALSON LABORATORIES

## LABORATORY ANALYSIS REPORT

6601 Kirkville Road  
 East Syracuse, NY 13057  
 (315) 432-5227  
 FAX: (315) 437-0571  
 www.galsonlabs.com

Client : Leader Professional Services, Account No.: 14935  
 Site : ROTH Middle School RHCSD Login No. : L368550  
 Project No. : ROTH IAQ  
 Date Sampled : 01-MAR-16 Date Analyzed : 03-MAR-16  
 Date Received : 02-MAR-16 Report ID : 926043

### Formaldehyde

Sample ID	Lab ID	Time minutes	Total ug	Conc ug/m3	ppb
12 C15 L06276	L368550-2	466	<0.04	<6	<4

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.04 ug  
 Analytical Method : mod. OSHA 1007; HPLC/UV  
 OSHA PEL : 0.75 ppm (TWA)  
 Collection Media : AN571

Submitted by: EAW  
 Approved by : dnf  
 Date : 09-MAR-16 NYS DOH # : 11626  
 Supervisor: MWJ QC by: AMD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected  
 > -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



# GALSON LABORATORIES

## LABORATORY ANALYSIS REPORT

6601 Kirkville Road  
 East Syracuse, NY 13057  
 (315) 432-5227  
 FAX: (315) 437-0571  
 www.galsonlabs.com

Client : Leader Professional Services, Account No.: 14935  
 Site : ROTH Middle School RHCSD Login No. : L368550  
 Project No. : ROTH IAQ  
 Date Sampled : 01-MAR-16 Date Analyzed : 05-MAR-16  
 Date Received : 02-MAR-16 Report ID : 925352

### 4 - Phenylcyclohexene

Sample ID	Lab ID	Time minutes	Raw ug	Total ug	Conc ug/m3	ppb
10A15 LL2382	L368550-1	468	<5	<5	<1000	<200

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug  
 Analytical Method : mod. NIOSH 1501; GC/FID BADGE  
 OSHA PEL : NA  
 Collection Media : Assay 566

Submitted by: BDK  
 Approved by : MLN  
 Date : 09-MAR-16 NYS DOH # : 11626  
 Supervisor: KLD QC by: AMD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected  
 > -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



# GALSON LABORATORIES

LABORATORY FOOTNOTE REPORT

6601 Kirkville Road  
 East Syracuse, NY 13057  
 (315) 432-5227  
 FAX: (315) 437-0571  
 www.galsonlabs.com

Client Name : Leader Professional Services, Inc.  
 Site : ROTH Middle School RHCS  
 Project No. : ROTH IAQ

Date Sampled : 01-MAR-16  
 Date Received: 02-MAR-16  
 Date Analyzed: 03-MAR-16 - 05-MAR-16

Account No.: 14935  
 Login No. : L368550

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise noted below, all quality control results associated with the samples were within established control limits or did not impact reported results.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

Unless otherwise noted below, reported results have not been blank corrected for any field blank or method blank.

L368550 (Report ID: 926043) :  
 Total ug corrected for a desorption efficiency of 96%.  
 FORMALDEHYDE results have been corrected for the average background found on the media:  
 0.0238 ug for lot #12C15 (samples 2).  
 SOPs: LC-SOP-4(15)

L368550 (Report ID: 926043) :  
 Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2).  
 The estimated uncertainty applies to the media, technology, and SOP referenced in this report  
 and does not account for the uncertainty associated with the sampling process.

Parameter	Accuracy	Mean Recovery
Formaldehyde	+/-8.9%	99.6%

L368550 (Report ID: 925352) :  
 Total ug corrected for a desorption efficiency of 100%.

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms	ppm -Parts per Million
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified	ND -Not Detected
			NA -Not Applicable	





# GALSON LABORATORIES

LABORATORY FOOTNOTE REPORT

6601 Kirkville Road  
East Syracuse, NY 13057  
(315) 432-5227  
FAX: (315) 437-0571  
www.galsonlabs.com

Client Name : Leader Professional Services, Inc.  
Site : ROTH Middle School RHCSO  
Project No. : ROTH IAQ  
Date Sampled : 01-MAR-16  
Date Received: 02-MAR-16  
Date Analyzed: 03-MAR-16 - 05-MAR-16  
Account No.: 14935  
Login No. : L368550

L368550 (Report ID: 925352):  
SOPs: GC-SOP-12(11), GC-SOP-16(16), GC-SOP-9(16)

L368550 (Report ID: 925352):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2).  
The estimated uncertainty applies to the media, technology, and SOP referenced in this report  
and does not account for the uncertainty associated with the sampling process.

Parameter	Accuracy	Mean Recovery
4-Phenylcyclohexene	+/-16.7%	100%

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms	ppm -Parts per Million
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified	ND -Not Detected
				NA -Not Applicable

12V4X3340394799564

Date: 03/02/16

Shipper: UPS

Initials: SK



Prep: UNKNOWN

L368550

# GALSON LABORATORIES

# CHAIN OF CUSTODY

(79)

Turn Around Time (TAT): (surcharge)

<input checked="" type="checkbox"/>	Standard	0%
<input type="checkbox"/>	4 Business Days	35%
<input type="checkbox"/>	3 Business Days	50%
<input type="checkbox"/>	2 Business Days	75%
<input type="checkbox"/>	Next Day by 6pm	100%
<input type="checkbox"/>	Next Day by Noon	150%
<input type="checkbox"/>	Same Day	200%

- Samples submitted using the FreePumpLoan™ Program
- Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at <https://portal.galsonlabs.com/>

Report To: **Mr. Pete von Schondorf**  
 Company Name: **Leader Professional Services, Inc.**  
 Address 1: **271 Marsh Road**  
 Address 2: **Suite 2**  
 City, State Zip: **Pittsford, NY 14534**  
 Phone No.: **585 - 248 - 2413**  
 Cell No.:  
 Email reports to: **pvschondorf@leaderlink.com**  
 Comments:

Invoice To: **Mr. Peter vonSchondorf**  
 Company Name: **Leader Professional Services, Inc.**  
 Address 1: **271 Marsh Road**  
 Address 2: **Suite 2**  
 City, State Zip: **Pittsford, NY 14534**  
 Phone No.: **585 - 248 - 2413**  
 Email Address: **pvschondorf@leaderlink.com, gdemarse@leaderlink.com**  
 Comments:  
 P.O. No.:  
 Payment info.:  I will call SGS Galson to provide credit card info  
 Card on File (enter the last five digits on the line below)

Comments:

State Sampled: **NY**  
 Please indicate which OEL(s) this data will be used for:  
 OSHA PEL  ACGIH TLV  MSHA  Cal OSHA  
 IAQ: As low as **AS**  Other:  
 Specify Limit(s) **POSS**, Specify Other

List description of industry or Process/interferences present in sampling area:

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Analysis Requested	Method Reference *	Print Name / Signature	Date	Time
10 A15 LL 238 Z	3-1-16	Assay N566	4GB MIN.	4-Phenylcyclohexene (Carpet Gas)	mod. NIOSH 1501; GC/FID BADGE	<i>[Signature]</i>	2/2/16	9:32
12 C15 L06276	3-1-16	Assay N571 Aldehyde Badge	466 MIN.	Formaldehyde	mod. OSHA 1007; EPLC/DV	<i>[Signature]</i>	2/2/16	9:32

\* If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody  
 Relinquished By: **Peter von Schondorf**  
 Relinquished By: **Pete von Schondorf**

Online COC No.: 103445  
 Prep No.: PSY371985  
 Account No.: 14935  
 Draft: 2/26/2016 2:12:27 pm

**ATTACHMENT 8**

**PARADIGM ENVIRONMENTAL LABORATORIES  
DRINKING WATER SAMPLE RESULTS**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

*Analytical Report For*  
**Leader Professional Services, Inc.**

*For Lab Project ID*

**160764**

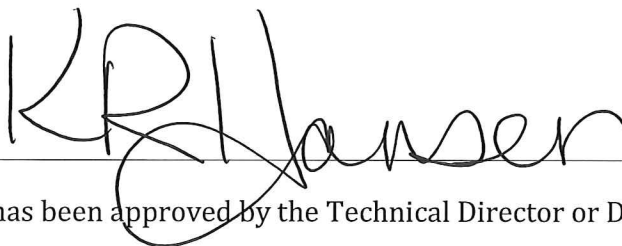
*Referencing*

**892001**

*Prepared*

**Monday, March 07, 2016**

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.



---

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



Lab Project ID: 160764

Client: Leader Professional Services, Inc.

Project Reference: 892001

Sample Identifier: 1

Lab Sample ID: 160764-01

Date Sampled: 2/25/2016

Matrix: Drinking Water

Date Received: 2/25/2016

**Heterotrophic Plate Count**

Analyte	Result	Units	Qualifier	Date Analyzed
Heterotrophic Plate Count (SPC)	<1	cfu/mL		2/25/2016
Method Reference(s):	SM 9215 B			
Subcontractor ELAP ID:	11770			

**Metals**

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	<0.0014	mg/L		3/3/2016
Barium	<b>0.014</b>	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	<b>0.5</b>	mg/L		3/3/2016
Lead	<b>0.004</b>	mg/L		3/4/2016
Method Reference(s):	EPA 200.8			
Subcontractor ELAP ID:	10142			





**Client:** Leader Professional Services, Inc.

**Project Reference:** 892001

**Sample Identifier:** 2

**Lab Sample ID:** 160764-02

**Date Sampled:** 2/25/2016

**Matrix:** Drinking Water

**Date Received:** 2/25/2016

**Heterotrophic Plate Count**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Heterotrophic Plate Count (SPC)	<1	cfu/mL		2/25/2016
<b>Method Reference(s):</b>	SM 9215 B			
<b>Subcontractor ELAP ID:</b>	11770			

**Metals**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Arsenic	<0.0014	mg/L		3/3/2016
Barium	<b>0.013</b>	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	<b>0.38</b>	mg/L		3/3/2016
Lead	<0.002	mg/L		3/4/2016
<b>Method Reference(s):</b>	EPA 200.8			
<b>Subcontractor ELAP ID:</b>	10142			



Lab Project ID: 160764

Client: Leader Professional Services, Inc.

Project Reference: 892001

Sample Identifier: 3

Lab Sample ID: 160764-03

Date Sampled: 2/25/2016

Matrix: Drinking Water

Date Received: 2/25/2016

**Heterotrophic Plate Count**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Heterotrophic Plate Count (SPC)	<1	cfu/mL		2/25/2016
Method Reference(s):	SM 9215 B			
Subcontractor ELAP ID:	11770			

**Metals**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Arsenic	<0.0014	mg/L		3/3/2016
Barium	<b>0.014</b>	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	<b>0.26</b>	mg/L		3/3/2016
Lead	<b>0.0015</b>	mg/L		3/3/2016
Method Reference(s):	EPA 200.8			
Subcontractor ELAP ID:	10142			



**Client:** Leader Professional Services, Inc.

**Project Reference:** 892001

**Sample Identifier:** 4

**Lab Sample ID:** 160764-04

**Date Sampled:** 2/25/2016

**Matrix:** Drinking Water

**Date Received:** 2/25/2016

**Heterotrophic Plate Count**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Heterotrophic Plate Count (SPC)	<1	cfu/mL		2/25/2016
<b>Method Reference(s):</b>	SM 9215 B			
<b>Subcontractor ELAP ID:</b>	11770			

**Metals**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Arsenic	<0.0014	mg/L		3/3/2016
Barium	<b>0.013</b>	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	<b>0.19</b>	mg/L		3/3/2016
Lead	<0.001	mg/L		3/3/2016
<b>Method Reference(s):</b>	EPA 200.8			
<b>Subcontractor ELAP ID:</b>	10142			



**Client:** Leader Professional Services, Inc.

**Project Reference:** 892001

**Sample Identifier:** 5

**Lab Sample ID:** 160764-05

**Date Sampled:** 2/25/2016

**Matrix:** Drinking Water

**Date Received:** 2/25/2016

**Heterotrophic Plate Count**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Heterotrophic Plate Count (SPC)	<1	cfu/mL		2/25/2016
<b>Method Reference(s):</b>	SM 9215 B			
<b>Subcontractor ELAP ID:</b>	11770			

**Metals**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Arsenic	<0.0014	mg/L		3/3/2016
Barium	<b>0.013</b>	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	<b>0.34</b>	mg/L		3/3/2016
Lead	<b>0.0062</b>	mg/L		3/3/2016
<b>Method Reference(s):</b>	EPA 200.8			
<b>Subcontractor ELAP ID:</b>	10142			



**Client:** Leader Professional Services, Inc.

**Project Reference:** 892001

**Sample Identifier:** 6

**Lab Sample ID:** 160764-06

**Date Sampled:** 2/25/2016

**Matrix:** Drinking Water

**Date Received:** 2/25/2016

**Heterotrophic Plate Count**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Heterotrophic Plate Count (SPC)	<b>310</b>	cfu/mL		2/25/2016

*Result should be considered an estimate.*

**Method Reference(s):** SM 9215 B

**Subcontractor ELAP ID:** 11770

**Metals**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Arsenic	<0.0014	mg/L		3/3/2016
Barium	<0.002	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	<0.010	mg/L		3/3/2016
Lead	<0.001	mg/L		3/3/2016

**Method Reference(s):** EPA 200.8

**Subcontractor ELAP ID:** 10142





**Client:** Leader Professional Services, Inc.

**Project Reference:** 892001

**Sample Identifier:** Blank

**Lab Sample ID:** 160764-07

**Date Sampled:** 2/25/2016

**Matrix:** Drinking Water

**Date Received:** 2/25/2016

**Metals**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Arsenic	<0.0014	mg/L		3/3/2016
Barium	<0.002	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	<0.010	mg/L		3/3/2016
Lead	<0.001	mg/L		3/3/2016

**Method Reference(s):** EPA 200.8  
**Subcontractor ELAP ID:** 10142



## Analytical Report Appendix

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

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

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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 analyte-specific, frequently used data flags and their meaning:

*"<" = Analyzed for but not detected at or above the quantitation limit.*

*"E" = Result has been estimated, calibration limit exceeded.*

*"Z" = See case narrative.*

*"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.*

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.*

*"B" = Method blank contained trace levels of analyte. Refer to included method blank report.*

*"J" = Result estimated between the quantitation limit and half the quantitation limit.*

*"L" = Laboratory Control Sample recovery outside accepted QC limits.*

*"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.*

*"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.*

*"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

*"(1)" = Indicates data from primary column used for QC calculation.*

*"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.*

*"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.*

# GENERAL TERMS AND CONDITIONS

## LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

### **Warranty.**

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

### **Scope and Compensation.**

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

### **Prices.**

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

### **Limitations of Liability.**

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

### **Hazard Disclosure.**

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

### **Sample Handling.**

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

### **Legal Responsibility.**

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

### **Assignment.**

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

### **Force Majeure.**

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

### **Law.**

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

# CHAIN OF CUSTODY

1 of 2



REPORT TO:

INVOICE TO:

CLIENT: LEADER ROOF SVCS	CLIENT: Same	LAB PROJECT ID: 160764
ADDRESS: 271 MARSH RD	ADDRESS:	Quotation #: MS 021116B
CITY: PITTSFORD	CITY:	Email: p.vonschondorf@leaderlink.com
STATE: NY	STATE:	
ZIP: 14534	ZIP:	
PHONE: 585-248-2413	PHONE:	
ATTN: Peter vonSchondorf	ATTN:	
MATRIX CODES: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid	WA - Water WG - Groundwater	DW - Drinking Water WW - Wastewater
	SO - Soil SL - Sludge	SD - Solid PT - Paint
	WP - Wipe CK - Caulk	OL - Oil AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRADES	SAMPLE IDENTIFIER	MATERIALS	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
2-25-16	6:18	G	1		DW	2	As Es, Cr, Cu, Pb * Heterotrophic Plate Count	01
"	6:16	G	2		DW	2		02
"	6:10	G	3		DW	2		03
"	6:28	G	4		DW	2		04
"	6:33	G	5		DW	2		05
"	6:34	G	6	BLANK	DW	1	Blank for Method only per lead test 02/25/16	07
"	6:34	G	6		DW	2	per 50/1/16/16 02/25/16	06

Turnaround Time: Availability contingent upon lab approval; additional fees may apply.

Report Supplements:

Standard 5 day	<input checked="" type="checkbox"/>	None Required	<input type="checkbox"/>	None Required	<input type="checkbox"/>
10 day	<input type="checkbox"/>	Batch QC	<input type="checkbox"/>	Basic EDD	<input type="checkbox"/>
Rush 3 day	<input type="checkbox"/>	Category A	<input type="checkbox"/>	NYSDEC EDD	<input type="checkbox"/>
Rush 2 day	<input type="checkbox"/>	Category B	<input type="checkbox"/>		
Rush 1 day	<input type="checkbox"/>				
Other	<input type="checkbox"/>	Other	<input type="checkbox"/>	Other EDD	<input type="checkbox"/>

Sampled By: Katherine A. Post Date/Time: 2-25-16 8:25 AM

Relinquished By: Hile Spencer Date/Time: 8:59 AM 2-25-16

Received By: Anna Palazzi Date/Time: 2-25-16 09:25

Received @ Lab By: JP Date/Time: 2/25/16 10:24

Total Cost:

10°C needs started in field 2/25/16 09:33

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).



### Chain of Custody Supplement

Client: Leader Professional Services Completed by: Glen Pezzulo  
 Lab Project ID: 160764 Date: 2/25/16

**Sample Condition Requirements**  
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <i>metals</i>
Comments	<i>10°C iced started in field</i>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		





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

1 of 1

# CHAIN OF CUSTODY

LOZIER: ELAP ID: 11770

REPORT TO:

INVOICE TO:

COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #: M18161	CLIENT PROJECT #:
ADDRESS:	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY:	CITY:	STATE:	ZIP:
PHONE:	PHONE:	FAX:	
ATTN: Kate Hansen	ATTN: Meredith Dillman	STD	OTHER

PROJECT NAME/SITE NAME: \_\_\_\_\_

COMMENTS: Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com

Requested Analysis: \_\_\_\_\_

Date Due: 3/3/16

DATE	TIME	COMPOSITE	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O U N T S	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/2/16		X		160764-01	DW	1	Heterotrophic Plate Count	M18161-1
2						X	-2	
3						X	-3	
4						X	-4	
5						X	-5	
6						X	-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: Plastic  Y  N

Preservation: W2SC  Y  N

Holding Time: 8 hr  Y  N

Temperature: 8°C  Y  N

Comments: \_\_\_\_\_

Client

Sampled By: [Signature] Date/Time: 2-25-16 Total Cost:

Relinquished By: [Signature] Date/Time: 2/25/16 P.I.F.

Received By: [Signature] Date/Time: 1125

Received @ Lab By: \_\_\_\_\_ Date/Time: \_\_\_\_\_



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

# CHAIN OF CUSTODY

101164-2

ENVIROTEST: ELAP ID: 10142

1 of 1

REPORT TO: **Paradigm Environmental** INVOICE TO: **Same**

COMPANY: **Paradigm Environmental** ADDRESS: **Same** LAB PROJECT #: \_\_\_\_\_ CLIENT PROJECT #: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_ TURNAROUND TIME: (WORKING DAYS)

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

ATTN: **Kate Hansen** PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

ATTN: **Meridith Dillman** PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

COMMENTS: Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com

REQUESTED ANALYSIS: \_\_\_\_\_

Date Due: 3/4/16

STD  1  2  3  4  5 OTHER

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAS REFERENCE	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/25/16	06:13			160764-01	DW	X	As, Ba, Cr, Cu, Pb	
2	06:16			-02				
3	06:10			-03				
4	06:28			-04				
5	06:33			-05				
6	06:34			-06				
7				-07				
8								
9								
10								

LAB USE ONLY BELOW THIS LINE

Sample Conditions: Per NELAC/ELAP 2102412424243244

Receipt Parameter: **NELAC Compliance**

Container Type: Y  N

Comments: \_\_\_\_\_

Preservation: Y  N

Comments: \_\_\_\_\_

Holding Time: Y  N

Comments: \_\_\_\_\_

Temperature: 2.0°C on ice Y  N

Comments: \_\_\_\_\_

Client

Sampled By: *[Signature]* Date/Time: 2/25/16 16:00

Relinquished By: *[Signature]* Date/Time: \_\_\_\_\_

Received By: *[Signature]* Date/Time: 2-26-16 10:13

Received @ Lab By: *[Signature]* Date/Time: \_\_\_\_\_

Total Cost: \_\_\_\_\_

P.L.F.



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

*Analytical Report For*  
**Leader Professional Services, Inc.**

*For Lab Project ID*

**160766**

*Referencing*

**892001**

*Prepared*

**Friday, March 04, 2016**

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, reading "K. R. Hansen", is written over a horizontal line. The signature is fluid and cursive.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

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Page 1 of 9

Report Prepared Friday, March 04, 2016



**Client:** Leader Professional Services, Inc.

**Project Reference:** 892001

**Sample Identifier:** Sample 7

**Lab Sample ID:** 160766-01

**Date Sampled:** 2/25/2016

**Matrix:** Drinking Water

**Date Received:** 2/25/2016

**Heterotrophic Plate Count**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Heterotrophic Plate Count (SPC)	<1	cfu/mL		2/25/2016
<b>Method Reference(s):</b>	SM 9215 B			
<b>Subcontractor ELAP ID:</b>	11770			

**Metals**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Arsenic	<0.0014	mg/L		3/3/2016
Barium	<b>0.015</b>	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	<b>0.26</b>	mg/L		3/3/2016
Lead	<b>0.0013</b>	mg/L		3/3/2016
<b>Method Reference(s):</b>	EPA 200.8			
<b>Subcontractor ELAP ID:</b>	10142			



**Client:** Leader Professional Services, Inc.

**Project Reference:** 892001

**Sample Identifier:** Sample 8

**Lab Sample ID:** 160766-02

**Date Sampled:** 2/25/2016

**Matrix:** Drinking Water

**Date Received:** 2/25/2016

**Heterotrophic Plate Count**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Heterotrophic Plate Count (SPC)	<1	cfu/mL		2/25/2016
<b>Method Reference(s):</b>	SM 9215 B			
<b>Subcontractor ELAP ID:</b>	11770			

**Metals**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Arsenic	0.0023	mg/L		3/3/2016
Barium	0.020	mg/L		3/3/2016
Chromium	<0.007	mg/L		3/3/2016
Copper	1.6	mg/L		3/4/2016
Lead	0.11	mg/L		3/3/2016
<b>Method Reference(s):</b>	EPA 200.8			
<b>Subcontractor ELAP ID:</b>	10142			





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*"Z" = See case narrative.*

*"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.*

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.*

*"B" = Method blank contained trace levels of analyte. Refer to included method blank report.*

*"J" = Result estimated between the quantitation limit and half the quantitation limit.*

*"L" = Laboratory Control Sample recovery outside accepted QC limits.*

*"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.*

*"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.*

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*"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.*

*"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.*

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

# GENERAL TERMS AND CONDITIONS

## LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

### **Warranty.**

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

### **Scope and Compensation.**

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

### **Prices.**

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

### **Limitations of Liability.**

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

### **Hazard Disclosure.**

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

### **Sample Handling.**

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

### **Legal Responsibility.**

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

### **Assignment.**

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

### **Force Majeure.**

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

### **Law.**

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

# CHAIN OF CUSTODY

1 of 2



REPORT TO:

INVOICE TO:

CLIENT: LEADER PROE SVC	CLIENT: Same	LAB PROJECT ID: 160766
ADDRESS: 271 MARCH RD	ADDRESS:	Quotation #: MS02116B
CITY: PITTSFORD STATE, NY	CITY:	
PHONE: 246-2413	PHONE:	
ATTN: P.VONSCHEIDT	ATTN:	Email: <a href="mailto:pvenscheidt@leaderproe.com">pvenscheidt@leaderproe.com</a>
Matrix Codes: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid	WA - Water WG - Groundwater	DW - Drinking Water WW - Wastewater
		SO - Soil SL - Sludge
		SD - Solid PT - Paint
		WP - Wipe CK - Caulk
		OL - Oil AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRADES	SAMPLE IDENTIFIER	MCAOTDRIS	NUMBERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
2-25-16	4:35	V	V	Sample 7	DN	Z V V	Metals As, Ba, Cr, Cu, Pb	01
"	9:45	V	V	DB 8 5/10 DBS 2/2/16	DW	Z V V	X-Heterotrophic Plate Count	02

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day <input checked="" type="checkbox"/>	None Required <input type="checkbox"/>
10 day <input type="checkbox"/>	Batch QC <input type="checkbox"/>
Rush 3 day <input type="checkbox"/>	Category A <input type="checkbox"/>
Rush 2 day <input type="checkbox"/>	Category B <input type="checkbox"/>
Rush 1 day <input type="checkbox"/>	Other <input type="checkbox"/>
Other <input type="checkbox"/>	Other EDD <input type="checkbox"/>

Sampled By: Mike Spencer Date/Time: 9:35 AM 2-25-16 Total Cost:

Relinquished By: Mike Spencer Date/Time: 10:45 AM 2-25-16

Received By: Mike Spencer Date/Time: 2/25/16 10:52 P.I.F.

Received @ Lab By:  Date/Time: 2/25/16 10:52

13°C ice stored in field 2/25/16 10:51

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).



### Chain of Custody Supplement

Client: Leader Professional Services Completed by: Glenn Pezzulo  
 Lab Project ID: 160766 Date: 2/25/16

**Sample Condition Requirements**  
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> meths
Comments	<u>13°C iced started in field</u>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		



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

**CHAIN OF CUSTODY** LOZIER: ELAP ID: 11770

1 of 1

REPORT TO: **Paradigm Environmental** INVOICE TO: **Same**

COMPANY: **Paradigm Environmental** ADDRESS: **118162** LAB PROJECT #: **118162** CLIENT PROJECT #:

CITY: STATE: ZIP: CITY: STATE: ZIP: CITY: STATE: ZIP: TURNAROUND TIME: (WORKING DAYS)

PHONE: FAX: PHONE: FAX: PHONE: FAX: STD OTHER

ATTN: **Kate Hansen** ATTN: **Meridith Dillman** Date Due: **3/3/16**

COMMENTS: **Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com**

**REQUESTED ANALYSIS**

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 2/25/16	09:35		X	160766-01	DW	1	Heterotrophic Plate Count	118162-1
2	09:45		X	1-02	L	1	V-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: **Plastic** Y  N

Preservation: **NAC** Y  N

Holding Time: **8 HR** Y  N

Temperature: **8°C** Y  N

Client: **Samuel W. ...** Date/Time: **2-25-16 @ 1125** Total Cost:

Relinquished By: **[Signature]** Date/Time: **2/25/16** 1125

Received By: **[Signature]** Date/Time: **2/25/16** 1125

Received @ Lab By: **[Signature]** Date/Time: **2/25/16** 1125

P.L.F.





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

# CHAIN OF CUSTODY

101164-3

ENVIROTEST: ELAP ID: 10142

10/1

REPORT TO: **Paradigm Environmental** INVOICE TO: **Same**

COMPANY: **Paradigm Environmental** ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

ATTN: **Kate Hansen** CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

ATTN: **Meridith Dillman**

COMMENTS: Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com

LAB PROJECT #: \_\_\_\_\_ CLIENT PROJECT #: \_\_\_\_\_

TURNAROUND TIME: (WORKING DAYS) 1  2  3  4  5

STD OTHER

Date Due: 3/4/16

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
2/25/16	09:35			160766-01	DW	As, Ba, Cr, Cu, Pb		
2	+			1 - 02	+			
3								
4								
5								
6								
7								
8								
9								
10								

RECEIVED FROM: **WELLS**

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: **2.0°C on ice** Y  N

Comments: \_\_\_\_\_

Client

Received By: *[Signature]* Date/Time: 2/25/16 16:00

Relinquished By: *[Signature]* Date/Time: 2/26/16 10:13

Total Cost: \_\_\_\_\_

Received @ Lab By: *[Signature]* Date/Time: 2-26-16 10:13

P.L.F.

**ATTACHMENT 9**  
**SOIL BORING LOGS**

# LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

**LOG OF BORING**

Project Henrietta Central School Dist. Location Roth Middle School  
 Date Drilled 2/26/2016 Drilling Co.: Trec Environmental  
 Total Depth 16 ft. Method Used: Geoprobe  
 Inspector P. von Schondorf Organic Vapor Inst: Mini Rae PID Water elev: \_\_\_\_\_

BORING # 1  
 Page 1 of 1  
 Permit #: \_\_\_\_\_  
 Job #: \_\_\_\_\_

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
4	1	Push	0-4 ft.	4	0	Fill, Brown Sand, little silt, occasional gravel, dry, stiff	Fill	
						@5.5 ft. Gray silt, stiff, moist.	ML	
						@5.7 ft. Red/Brown Fine Sand little to some silt, dry to moist increasing with depth. Stiff to dense.	SM	
8	2	Push	4-8 ft.	4	0			
12	3	Push	8-12 ft.	4	0	Brown Fine to Medium Sand and gravel, little silt, moist, dense.	SM/GM	
						Same as above increasing silt and moisture.	SM	
16	4	Push	12-16 ft.	3.5	0	Brown Sand some silt, wet, stiff.	SM	

# LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

BORING # 2

**LOG OF BORING**

Page 1 of 1

Project Henrietta Central School Dist. Location Roth Middle School Permit #:

Date Drilled 2/26/2016 Drilling Co.: Trec Environmental Job #:

Total Depth 12 ft. Method Used: Geoprobe

Inspector P. von Schondorf Organic Vapor Inst: Mini Rae PID Water elev: \_\_\_\_\_

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						0 to 4 in. Topsoil.		
4	1	Push	0-4 ft.	3	.2	Fill to 3.9 ft. Brown sand some silt occ. gravel. Moist and stiff. Gray, Silt little sand. Dry, stiff.	Fill ML	
						@5.4 ft Gray Silt little sand, @5.6 ft. Brown Silt and fine sand, wet, dense.	ML/SM	
8	2	Push	4-8 ft.	3.5	0	Dark gray Silt, little clay, slightly plastic, moist. Wet at 8.5 ft.	ML	
12	3	Push	8-12 ft.	3	0	Brown Silt and fine sand, wet, dense.	ML/SM	

# LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

BORING # 3  
 Page 1 of 1  
 Permit #:  
 Job #:  
 Water elev:

**LOG OF BORING**

Project Henrietta Central School Dist. Location Roth Middle School  
 Date Drilled 2/26/2016 Drilling Co.: Trec Environmental  
 Total Depth 12 ft. Method Used: Geoprobe  
 Inspector P. von Schondorf Organic Vapor Inst: Mini Rae PID

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Topsoil to 12 in. Gravel at 1 to 1.5 ft. Fill to 2.5 ft. Brown Silt and gravel.	Fill	
4	1	Push	0-4 ft.	2.5	0	Brown Silt and fine sand, moist.	ML	
8	2	Push	4-8 ft.	4	0	Brown Sand some silt, and gravel. Moist to wet, stiff.	SM	
						Brown Silt grading to fine sand.	ML	
12	3	Push	8-12 ft.	3.5	0	Wet @10.5 ft. Brown fFne Sand, little silt.	SM	



# LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

BORING # 4  
 Page 1 of 1  
 Permit #: \_\_\_\_\_  
 Job #: \_\_\_\_\_  
 Water elev: \_\_\_\_\_

**LOG OF BORING**

Project Henrietta Central School Dist. Location Roth Middle School  
 Date Drilled 2/26/2016 Drilling Co.: Trec Environmental  
 Total Depth 12 ft. Method Used: Geoprobe  
 Inspector P. von Schondorf Organic Vapor Inst: Mini Rae PID

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
							Fill	
4	1	Push	0-4 ft.	1.5	0	Brown Silt topsoil over shale fragments poor recovery of sample.	Fill	
							SP/GP	
8	2	Push	4-8 ft.	3	0	Brown/gray sand, gravel little silt to gray clay and silt, stiff, moist. Gray Clay, stiff, slightly plastic, damp	CL	
12	3	Push	8-12 ft.	3.5	0	Gray Clay, stiff, slightly plastic, damp moist.	SM	

# LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

**LOG OF BORING**

BORING # 5

Page 1 of 1

Permit #: \_\_\_\_\_

Job #: \_\_\_\_\_

Project Henrietta Central School Dist. Location Roth Middle School

Date Drilled 2/26/2016 Drilling Co.: Trec Environmental

Total Depth 12 ft. Method Used: Geoprobe

Inspector P. von Schondorf Organic Vapor Inst: Mini Rae PID

Water elev: \_\_\_\_\_

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Asphalt and gravel to 1.5 ft.	Fill	
4	1	Push	0-4 ft.	4	.2	Brown Silt little sand occ. Gravel	ML	
8	2	Push	4-8 ft.	2.5	0	Brown Silt with stone fragments grading to silt and sand	ML/SM	
12	3	Push	8-12 ft.	3	0	Brown Silt and fine sand, wet, dense.	ML/SM	

**TTACHMENT 10**

**PARADIGM ENVIRONMENTAL LABORATORIES SOIL SAMPLE RESULTS**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

*Analytical Report For*  
**Leader Professional Services, Inc.**

*For Lab Project ID*

**160807**

*Referencing*

**Roth M.S.**

*Prepared*

**Friday, March 04, 2016**

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, reading "K. R. Hansen", is written over a horizontal line. The signature is fluid and cursive.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

**Sample Identifier:** B-1 3'

**Lab Sample ID:** 160807-01

**Date Sampled:** 2/26/2016

**Matrix:** Soil

**Date Received:** 2/29/2016

**Semi-Volatile Organics (PAHs)**

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 322	ug/Kg		3/1/2016 11:46
Acenaphthylene	< 322	ug/Kg		3/1/2016 11:46
Anthracene	< 322	ug/Kg		3/1/2016 11:46
Benzo (a) anthracene	< 322	ug/Kg		3/1/2016 11:46
Benzo (a) pyrene	< 322	ug/Kg		3/1/2016 11:46
Benzo (b) fluoranthene	< 322	ug/Kg		3/1/2016 11:46
Benzo (g,h,i) perylene	< 322	ug/Kg		3/1/2016 11:46
Benzo (k) fluoranthene	< 322	ug/Kg		3/1/2016 11:46
Chrysene	< 322	ug/Kg		3/1/2016 11:46
Dibenz (a,h) anthracene	< 322	ug/Kg		3/1/2016 11:46
Fluoranthene	< 322	ug/Kg		3/1/2016 11:46
Fluorene	< 322	ug/Kg		3/1/2016 11:46
Indeno (1,2,3-cd) pyrene	< 322	ug/Kg		3/1/2016 11:46
Naphthalene	< 322	ug/Kg		3/1/2016 11:46
Phenanthrene	< 322	ug/Kg		3/1/2016 11:46
Pyrene	< 322	ug/Kg		3/1/2016 11:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	65.4	22 - 96.1		3/1/2016 11:46
Nitrobenzene-d5	59.5	11.6 - 83.3		3/1/2016 11:46
Terphenyl-d14	81.6	60.4 - 114		3/1/2016 11:46

**Method Reference(s):** EPA 8270D  
EPA 3550C  
**Preparation Date:** 3/1/2016  
**Data File:** B10458.D

**Volatile Organics**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 8.15	ug/Kg		3/1/2016 13:21
1,1,2,2-Tetrachloroethane	< 8.15	ug/Kg		3/1/2016 13:21
1,1,2-Trichloroethane	< 8.15	ug/Kg		3/1/2016 13:21





Lab Project ID: 160807

**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

<b>Sample Identifier:</b>	B-1 3'		
<b>Lab Sample ID:</b>	160807-01	<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil	<b>Date Received:</b>	2/29/2016
1,1-Dichloroethane	< 8.15	ug/Kg	3/1/2016 13:21
1,1-Dichloroethene	< 8.15	ug/Kg	3/1/2016 13:21
1,2,3-Trichlorobenzene	< 20.4	ug/Kg	3/1/2016 13:21
1,2,4-Trichlorobenzene	< 20.4	ug/Kg	3/1/2016 13:21
1,2,4-Trimethylbenzene	< 8.15	ug/Kg	3/1/2016 13:21
1,2-Dibromo-3-Chloropropane	< 40.7	ug/Kg	3/1/2016 13:21
1,2-Dibromoethane	< 8.15	ug/Kg	3/1/2016 13:21
1,2-Dichlorobenzene	< 8.15	ug/Kg	3/1/2016 13:21
1,2-Dichloroethane	< 8.15	ug/Kg	3/1/2016 13:21
1,2-Dichloropropane	< 8.15	ug/Kg	3/1/2016 13:21
1,3,5-Trimethylbenzene	< 8.15	ug/Kg	3/1/2016 13:21
1,3-Dichlorobenzene	< 8.15	ug/Kg	3/1/2016 13:21
1,4-Dichlorobenzene	< 8.15	ug/Kg	3/1/2016 13:21
1,4-dioxane	< 81.5	ug/Kg	3/1/2016 13:21
2-Butanone	< 40.7	ug/Kg	3/1/2016 13:21
2-Hexanone	< 20.4	ug/Kg	3/1/2016 13:21
4-Methyl-2-pentanone	< 20.4	ug/Kg	3/1/2016 13:21
Acetone	< 40.7	ug/Kg	3/1/2016 13:21
Benzene	< 8.15	ug/Kg	3/1/2016 13:21
Bromochloromethane	< 20.4	ug/Kg	3/1/2016 13:21
Bromodichloromethane	< 8.15	ug/Kg	3/1/2016 13:21
Bromoform	< 20.4	ug/Kg	3/1/2016 13:21
Bromomethane	< 8.15	ug/Kg	3/1/2016 13:21
Carbon disulfide	< 8.15	ug/Kg	3/1/2016 13:21
Carbon Tetrachloride	< 8.15	ug/Kg	3/1/2016 13:21
Chlorobenzene	< 8.15	ug/Kg	3/1/2016 13:21
Chloroethane	< 8.15	ug/Kg	3/1/2016 13:21
Chloroform	< 8.15	ug/Kg	3/1/2016 13:21
Chloromethane	< 8.15	ug/Kg	3/1/2016 13:21
cis-1,2-Dichloroethene	< 8.15	ug/Kg	3/1/2016 13:21
cis-1,3-Dichloropropene	< 8.15	ug/Kg	3/1/2016 13:21
Cyclohexane	< 40.7	ug/Kg	3/1/2016 13:21

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

---

<b>Sample Identifier:</b>	B-1 3'			
<b>Lab Sample ID:</b>	160807-01		<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil		<b>Date Received:</b>	2/29/2016

---

Dibromochloromethane	< 8.15	ug/Kg	3/1/2016	13:21
Dichlorodifluoromethane	< 8.15	ug/Kg	3/1/2016	13:21
Ethylbenzene	< 8.15	ug/Kg	3/1/2016	13:21
Freon 113	< 8.15	ug/Kg	3/1/2016	13:21
Isopropylbenzene	< 8.15	ug/Kg	3/1/2016	13:21
m,p-Xylene	< 8.15	ug/Kg	3/1/2016	13:21
Methyl acetate	< 8.15	ug/Kg	3/1/2016	13:21
Methyl tert-butyl Ether	< 8.15	ug/Kg	3/1/2016	13:21
Methylcyclohexane	< 8.15	ug/Kg	3/1/2016	13:21
Methylene chloride	< 20.4	ug/Kg	3/1/2016	13:21
Naphthalene	< 20.4	ug/Kg	3/1/2016	13:21
n-Butylbenzene	< 8.15	ug/Kg	3/1/2016	13:21
n-Propylbenzene	< 8.15	ug/Kg	3/1/2016	13:21
o-Xylene	< 8.15	ug/Kg	3/1/2016	13:21
p-Isopropyltoluene	< 8.15	ug/Kg	3/1/2016	13:21
sec-Butylbenzene	< 8.15	ug/Kg	3/1/2016	13:21
Styrene	< 20.4	ug/Kg	3/1/2016	13:21
tert-Butylbenzene	< 8.15	ug/Kg	3/1/2016	13:21
Tetrachloroethene	< 8.15	ug/Kg	3/1/2016	13:21
Toluene	< 8.15	ug/Kg	3/1/2016	13:21
trans-1,2-Dichloroethene	< 8.15	ug/Kg	3/1/2016	13:21
trans-1,3-Dichloropropene	< 8.15	ug/Kg	3/1/2016	13:21
Trichloroethene	< 8.15	ug/Kg	3/1/2016	13:21
Trichlorofluoromethane	< 8.15	ug/Kg	3/1/2016	13:21
Vinyl chloride	< 8.15	ug/Kg	3/1/2016	13:21

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

**Sample Identifier:** B-1 3'

**Lab Sample ID:** 160807-01

**Date Sampled:** 2/26/2016

**Matrix:** Soil

**Date Received:** 2/29/2016

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>	
1,2-Dichloroethane-d4	<b>108</b>	83 - 126		3/1/2016	13:21
4-Bromofluorobenzene	<b>84.8</b>	80.8 - 115		3/1/2016	13:21
Pentafluorobenzene	<b>90.7</b>	90.6 - 111		3/1/2016	13:21
Toluene-D8	<b>93.4</b>	89.2 - 109		3/1/2016	13:21

**Method Reference(s):** EPA 8260C  
EPA 5035A

**Data File:** x29882.D

*This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.*



Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

Sample Identifier: B-2 12'

Lab Sample ID: 160807-02

Date Sampled: 2/26/2016

Matrix: Soil

Date Received: 2/29/2016

**Semi-Volatile Organics (PAHs)**

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 335	ug/Kg		3/1/2016 12:15
Acenaphthylene	< 335	ug/Kg		3/1/2016 12:15
Anthracene	< 335	ug/Kg		3/1/2016 12:15
Benzo (a) anthracene	< 335	ug/Kg		3/1/2016 12:15
Benzo (a) pyrene	< 335	ug/Kg		3/1/2016 12:15
Benzo (b) fluoranthene	< 335	ug/Kg		3/1/2016 12:15
Benzo (g,h,i) perylene	< 335	ug/Kg		3/1/2016 12:15
Benzo (k) fluoranthene	< 335	ug/Kg		3/1/2016 12:15
Chrysene	< 335	ug/Kg		3/1/2016 12:15
Dibenz (a,h) anthracene	< 335	ug/Kg		3/1/2016 12:15
Fluoranthene	< 335	ug/Kg		3/1/2016 12:15
Fluorene	< 335	ug/Kg		3/1/2016 12:15
Indeno (1,2,3-cd) pyrene	< 335	ug/Kg		3/1/2016 12:15
Naphthalene	< 335	ug/Kg		3/1/2016 12:15
Phenanthrene	< 335	ug/Kg		3/1/2016 12:15
Pyrene	< 335	ug/Kg		3/1/2016 12:15

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	59.5	22 - 96.1		3/1/2016 12:15
Nitrobenzene-d5	55.0	11.6 - 83.3		3/1/2016 12:15
Terphenyl-d14	77.5	60.4 - 114		3/1/2016 12:15

Method Reference(s): EPA 8270D  
 EPA 3550C  
 Preparation Date: 3/1/2016  
 Data File: B10459.D

**Volatile Organics**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 8.23	ug/Kg		3/1/2016 13:45
1,1,2,2-Tetrachloroethane	< 8.23	ug/Kg		3/1/2016 13:45
1,1,2-Trichloroethane	< 8.23	ug/Kg		3/1/2016 13:45

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

<b>Sample Identifier:</b>	B-2 12'			
<b>Lab Sample ID:</b>	160807-02		<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil		<b>Date Received:</b>	2/29/2016
1,1-Dichloroethane	< 8.23	ug/Kg		3/1/2016 13:45
1,1-Dichloroethene	< 8.23	ug/Kg		3/1/2016 13:45
1,2,3-Trichlorobenzene	< 20.6	ug/Kg		3/1/2016 13:45
1,2,4-Trichlorobenzene	< 20.6	ug/Kg		3/1/2016 13:45
1,2,4-Trimethylbenzene	< 8.23	ug/Kg		3/1/2016 13:45
1,2-Dibromo-3-Chloropropane	< 41.1	ug/Kg		3/1/2016 13:45
1,2-Dibromoethane	< 8.23	ug/Kg		3/1/2016 13:45
1,2-Dichlorobenzene	< 8.23	ug/Kg	M	3/1/2016 13:45
1,2-Dichloroethane	< 8.23	ug/Kg		3/1/2016 13:45
1,2-Dichloropropane	< 8.23	ug/Kg		3/1/2016 13:45
1,3,5-Trimethylbenzene	< 8.23	ug/Kg		3/1/2016 13:45
1,3-Dichlorobenzene	< 8.23	ug/Kg	M	3/1/2016 13:45
1,4-Dichlorobenzene	< 8.23	ug/Kg	M	3/1/2016 13:45
1,4-dioxane	< 82.3	ug/Kg		3/1/2016 13:45
2-Butanone	< 41.1	ug/Kg		3/1/2016 13:45
2-Hexanone	< 20.6	ug/Kg		3/1/2016 13:45
4-Methyl-2-pentanone	< 20.6	ug/Kg		3/1/2016 13:45
Acetone	<b>150</b>	ug/Kg		3/1/2016 13:45
Benzene	< 8.23	ug/Kg		3/1/2016 13:45
Bromochloromethane	< 20.6	ug/Kg		3/1/2016 13:45
Bromodichloromethane	< 8.23	ug/Kg		3/1/2016 13:45
Bromoform	< 20.6	ug/Kg		3/1/2016 13:45
Bromomethane	< 8.23	ug/Kg		3/1/2016 13:45
Carbon disulfide	< 8.23	ug/Kg		3/1/2016 13:45
Carbon Tetrachloride	< 8.23	ug/Kg		3/1/2016 13:45
Chlorobenzene	< 8.23	ug/Kg	M	3/1/2016 13:45
Chloroethane	< 8.23	ug/Kg		3/1/2016 13:45
Chloroform	< 8.23	ug/Kg		3/1/2016 13:45
Chloromethane	< 8.23	ug/Kg		3/1/2016 13:45
cis-1,2-Dichloroethene	< 8.23	ug/Kg		3/1/2016 13:45
cis-1,3-Dichloropropene	< 8.23	ug/Kg	M	3/1/2016 13:45
Cyclohexane	< 41.1	ug/Kg		3/1/2016 13:45

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.





Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

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<b>Sample Identifier:</b>	B-2 12'			
<b>Lab Sample ID:</b>	160807-02		<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil		<b>Date Received:</b>	2/29/2016

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Dibromochloromethane	< 8.23	ug/Kg	3/1/2016	13:45
Dichlorodifluoromethane	< 8.23	ug/Kg	3/1/2016	13:45
Ethylbenzene	< 8.23	ug/Kg	3/1/2016	13:45
Freon 113	< 8.23	ug/Kg	3/1/2016	13:45
Isopropylbenzene	< 8.23	ug/Kg	3/1/2016	13:45
m,p-Xylene	< 8.23	ug/Kg	3/1/2016	13:45
Methyl acetate	< 8.23	ug/Kg	3/1/2016	13:45
Methyl tert-butyl Ether	< 8.23	ug/Kg	3/1/2016	13:45
Methylcyclohexane	< 8.23	ug/Kg	3/1/2016	13:45
Methylene chloride	< 20.6	ug/Kg	3/1/2016	13:45
Naphthalene	< 20.6	ug/Kg	3/1/2016	13:45
n-Butylbenzene	< 8.23	ug/Kg	3/1/2016	13:45
n-Propylbenzene	< 8.23	ug/Kg	3/1/2016	13:45
o-Xylene	< 8.23	ug/Kg	3/1/2016	13:45
p-Isopropyltoluene	< 8.23	ug/Kg	3/1/2016	13:45
sec-Butylbenzene	< 8.23	ug/Kg	3/1/2016	13:45
Styrene	< 20.6	ug/Kg	3/1/2016	13:45
tert-Butylbenzene	< 8.23	ug/Kg	3/1/2016	13:45
Tetrachloroethene	< 8.23	ug/Kg	3/1/2016	13:45
Toluene	< 8.23	ug/Kg	3/1/2016	13:45
trans-1,2-Dichloroethene	< 8.23	ug/Kg	3/1/2016	13:45
trans-1,3-Dichloropropene	< 8.23	ug/Kg	3/1/2016	13:45
Trichloroethene	< 8.23	ug/Kg	3/1/2016	13:45
Trichlorofluoromethane	< 8.23	ug/Kg	3/1/2016	13:45
Vinyl chloride	< 8.23	ug/Kg	3/1/2016	13:45

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

**Sample Identifier:** B-2 12'

**Lab Sample ID:** 160807-02

**Date Sampled:** 2/26/2016

**Matrix:** Soil

**Date Received:** 2/29/2016

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>	
1,2-Dichloroethane-d4	<b>109</b>	83 - 126		3/1/2016	13:45
4-Bromofluorobenzene	<b>86.1</b>	80.8 - 115		3/1/2016	13:45
Pentafluorobenzene	<b>89.4</b>	90.6 - 111	*	3/1/2016	13:45
Toluene-D8	<b>93.0</b>	89.2 - 109		3/1/2016	13:45

**Method Reference(s):** EPA 8260C  
EPA 5035A

**Data File:** x29883.D

*This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.*



**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

**Sample Identifier:** B-3 8'

**Lab Sample ID:** 160807-03

**Date Sampled:** 2/26/2016

**Matrix:** Soil

**Date Received:** 2/29/2016

**Semi-Volatile Organics (PAHs)**

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 322	ug/Kg		3/1/2016 12:43
Acenaphthylene	< 322	ug/Kg		3/1/2016 12:43
Anthracene	< 322	ug/Kg		3/1/2016 12:43
Benzo (a) anthracene	< 322	ug/Kg		3/1/2016 12:43
Benzo (a) pyrene	< 322	ug/Kg		3/1/2016 12:43
Benzo (b) fluoranthene	< 322	ug/Kg		3/1/2016 12:43
Benzo (g,h,i) perylene	< 322	ug/Kg		3/1/2016 12:43
Benzo (k) fluoranthene	< 322	ug/Kg		3/1/2016 12:43
Chrysene	< 322	ug/Kg		3/1/2016 12:43
Dibenz (a,h) anthracene	< 322	ug/Kg		3/1/2016 12:43
Fluoranthene	< 322	ug/Kg		3/1/2016 12:43
Fluorene	< 322	ug/Kg		3/1/2016 12:43
Indeno (1,2,3-cd) pyrene	< 322	ug/Kg		3/1/2016 12:43
Naphthalene	< 322	ug/Kg		3/1/2016 12:43
Phenanthrene	< 322	ug/Kg		3/1/2016 12:43
Pyrene	< 322	ug/Kg		3/1/2016 12:43

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	54.2	22 - 96.1		3/1/2016 12:43
Nitrobenzene-d5	51.0	11.6 - 83.3		3/1/2016 12:43
Terphenyl-d14	72.6	60.4 - 114		3/1/2016 12:43

**Method Reference(s):** EPA 8270D  
EPA 3550C  
**Preparation Date:** 3/1/2016  
**Data File:** B10460.D

**Volatile Organics**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 8.04	ug/Kg		3/1/2016 14:09
1,1,2,2-Tetrachloroethane	< 8.04	ug/Kg		3/1/2016 14:09
1,1,2-Trichloroethane	< 8.04	ug/Kg		3/1/2016 14:09



**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

<b>Sample Identifier:</b>	B-3 8'		
<b>Lab Sample ID:</b>	160807-03	<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil	<b>Date Received:</b>	2/29/2016
1,1-Dichloroethane	< 8.04	ug/Kg	3/1/2016 14:09
1,1-Dichloroethene	< 8.04	ug/Kg	3/1/2016 14:09
1,2,3-Trichlorobenzene	< 20.1	ug/Kg	3/1/2016 14:09
1,2,4-Trichlorobenzene	< 20.1	ug/Kg	3/1/2016 14:09
1,2,4-Trimethylbenzene	< 8.04	ug/Kg	3/1/2016 14:09
1,2-Dibromo-3-Chloropropane	< 40.2	ug/Kg	3/1/2016 14:09
1,2-Dibromoethane	< 8.04	ug/Kg	3/1/2016 14:09
1,2-Dichlorobenzene	< 8.04	ug/Kg	3/1/2016 14:09
1,2-Dichloroethane	< 8.04	ug/Kg	3/1/2016 14:09
1,2-Dichloropropane	< 8.04	ug/Kg	3/1/2016 14:09
1,3,5-Trimethylbenzene	< 8.04	ug/Kg	3/1/2016 14:09
1,3-Dichlorobenzene	< 8.04	ug/Kg	3/1/2016 14:09
1,4-Dichlorobenzene	< 8.04	ug/Kg	3/1/2016 14:09
1,4-dioxane	< 80.4	ug/Kg	3/1/2016 14:09
2-Butanone	< 40.2	ug/Kg	3/1/2016 14:09
2-Hexanone	< 20.1	ug/Kg	3/1/2016 14:09
4-Methyl-2-pentanone	< 20.1	ug/Kg	3/1/2016 14:09
Acetone	< 40.2	ug/Kg	3/1/2016 14:09
Benzene	< 8.04	ug/Kg	3/1/2016 14:09
Bromochloromethane	< 20.1	ug/Kg	3/1/2016 14:09
Bromodichloromethane	< 8.04	ug/Kg	3/1/2016 14:09
Bromoform	< 20.1	ug/Kg	3/1/2016 14:09
Bromomethane	< 8.04	ug/Kg	3/1/2016 14:09
Carbon disulfide	< 8.04	ug/Kg	3/1/2016 14:09
Carbon Tetrachloride	< 8.04	ug/Kg	3/1/2016 14:09
Chlorobenzene	< 8.04	ug/Kg	3/1/2016 14:09
Chloroethane	< 8.04	ug/Kg	3/1/2016 14:09
Chloroform	< 8.04	ug/Kg	3/1/2016 14:09
Chloromethane	< 8.04	ug/Kg	3/1/2016 14:09
cis-1,2-Dichloroethene	< 8.04	ug/Kg	3/1/2016 14:09
cis-1,3-Dichloropropene	< 8.04	ug/Kg	3/1/2016 14:09
Cyclohexane	< 40.2	ug/Kg	3/1/2016 14:09

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

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<b>Sample Identifier:</b>	B-3 8'			
<b>Lab Sample ID:</b>	160807-03		<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil		<b>Date Received:</b>	2/29/2016

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Dibromochloromethane	< 8.04	ug/Kg	3/1/2016	14:09
Dichlorodifluoromethane	< 8.04	ug/Kg	3/1/2016	14:09
Ethylbenzene	< 8.04	ug/Kg	3/1/2016	14:09
Freon 113	< 8.04	ug/Kg	3/1/2016	14:09
Isopropylbenzene	< 8.04	ug/Kg	3/1/2016	14:09
m,p-Xylene	< 8.04	ug/Kg	3/1/2016	14:09
Methyl acetate	< 8.04	ug/Kg	3/1/2016	14:09
Methyl tert-butyl Ether	< 8.04	ug/Kg	3/1/2016	14:09
Methylcyclohexane	< 8.04	ug/Kg	3/1/2016	14:09
Methylene chloride	< 20.1	ug/Kg	3/1/2016	14:09
Naphthalene	< 20.1	ug/Kg	3/1/2016	14:09
n-Butylbenzene	< 8.04	ug/Kg	3/1/2016	14:09
n-Propylbenzene	< 8.04	ug/Kg	3/1/2016	14:09
o-Xylene	< 8.04	ug/Kg	3/1/2016	14:09
p-Isopropyltoluene	< 8.04	ug/Kg	3/1/2016	14:09
sec-Butylbenzene	< 8.04	ug/Kg	3/1/2016	14:09
Styrene	< 20.1	ug/Kg	3/1/2016	14:09
tert-Butylbenzene	< 8.04	ug/Kg	3/1/2016	14:09
Tetrachloroethene	< 8.04	ug/Kg	3/1/2016	14:09
Toluene	< 8.04	ug/Kg	3/1/2016	14:09
trans-1,2-Dichloroethene	< 8.04	ug/Kg	3/1/2016	14:09
trans-1,3-Dichloropropene	< 8.04	ug/Kg	3/1/2016	14:09
Trichloroethene	< 8.04	ug/Kg	3/1/2016	14:09
Trichlorofluoromethane	< 8.04	ug/Kg	3/1/2016	14:09
Vinyl chloride	< 8.04	ug/Kg	3/1/2016	14:09

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.





Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

Sample Identifier: B-3 8'

Lab Sample ID: 160807-03

Date Sampled: 2/26/2016

Matrix: Soil

Date Received: 2/29/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	109	83 - 126		3/1/2016	14:09
4-Bromofluorobenzene	84.6	80.8 - 115		3/1/2016	14:09
Pentafluorobenzene	89.0	90.6 - 111	*	3/1/2016	14:09
Toluene-D8	93.2	89.2 - 109		3/1/2016	14:09

Method Reference(s): EPA 8260C

EPA 5035A

Data File: x29884.D

*This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.*



Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

Sample Identifier: B-4 5'

Lab Sample ID: 160807-04

Date Sampled: 2/26/2016

Matrix: Soil

Date Received: 2/29/2016

**Semi-Volatile Organics (PAHs)**

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 334	ug/Kg		3/1/2016 13:12
Acenaphthylene	< 334	ug/Kg		3/1/2016 13:12
Anthracene	< 334	ug/Kg		3/1/2016 13:12
Benzo (a) anthracene	< 334	ug/Kg		3/1/2016 13:12
Benzo (a) pyrene	< 334	ug/Kg		3/1/2016 13:12
Benzo (b) fluoranthene	< 334	ug/Kg		3/1/2016 13:12
Benzo (g,h,i) perylene	< 334	ug/Kg		3/1/2016 13:12
Benzo (k) fluoranthene	< 334	ug/Kg		3/1/2016 13:12
Chrysene	< 334	ug/Kg		3/1/2016 13:12
Dibenz (a,h) anthracene	< 334	ug/Kg		3/1/2016 13:12
Fluoranthene	< 334	ug/Kg		3/1/2016 13:12
Fluorene	< 334	ug/Kg		3/1/2016 13:12
Indeno (1,2,3-cd) pyrene	< 334	ug/Kg		3/1/2016 13:12
Naphthalene	< 334	ug/Kg		3/1/2016 13:12
Phenanthrene	< 334	ug/Kg		3/1/2016 13:12
Pyrene	< 334	ug/Kg		3/1/2016 13:12

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	54.0	22 - 96.1		3/1/2016 13:12
Nitrobenzene-d5	49.5	11.6 - 83.3		3/1/2016 13:12
Terphenyl-d14	72.7	60.4 - 114		3/1/2016 13:12

Method Reference(s): EPA 8270D  
 EPA 3550C  
 Preparation Date: 3/1/2016  
 Data File: B10461.D

**Volatile Organics**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 8.67	ug/Kg		3/1/2016 14:33
1,1,2,2-Tetrachloroethane	< 8.67	ug/Kg		3/1/2016 14:33
1,1,2-Trichloroethane	< 8.67	ug/Kg		3/1/2016 14:33

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Lab Project ID: 160807

**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

<b>Sample Identifier:</b>	B-4 5'			
<b>Lab Sample ID:</b>	160807-04		<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil		<b>Date Received:</b>	2/29/2016
1,1-Dichloroethane	< 8.67	ug/Kg		3/1/2016 14:33
1,1-Dichloroethene	< 8.67	ug/Kg		3/1/2016 14:33
1,2,3-Trichlorobenzene	< 21.7	ug/Kg		3/1/2016 14:33
1,2,4-Trichlorobenzene	< 21.7	ug/Kg		3/1/2016 14:33
1,2,4-Trimethylbenzene	< 8.67	ug/Kg		3/1/2016 14:33
1,2-Dibromo-3-Chloropropane	< 43.4	ug/Kg		3/1/2016 14:33
1,2-Dibromoethane	< 8.67	ug/Kg		3/1/2016 14:33
1,2-Dichlorobenzene	< 8.67	ug/Kg		3/1/2016 14:33
1,2-Dichloroethane	< 8.67	ug/Kg		3/1/2016 14:33
1,2-Dichloropropane	< 8.67	ug/Kg		3/1/2016 14:33
1,3,5-Trimethylbenzene	< 8.67	ug/Kg		3/1/2016 14:33
1,3-Dichlorobenzene	< 8.67	ug/Kg		3/1/2016 14:33
1,4-Dichlorobenzene	< 8.67	ug/Kg		3/1/2016 14:33
1,4-dioxane	< 86.7	ug/Kg		3/1/2016 14:33
2-Butanone	< 43.4	ug/Kg		3/1/2016 14:33
2-Hexanone	< 21.7	ug/Kg		3/1/2016 14:33
4-Methyl-2-pentanone	< 21.7	ug/Kg		3/1/2016 14:33
Acetone	< 43.4	ug/Kg		3/1/2016 14:33
Benzene	< 8.67	ug/Kg		3/1/2016 14:33
Bromochloromethane	< 21.7	ug/Kg		3/1/2016 14:33
Bromodichloromethane	< 8.67	ug/Kg		3/1/2016 14:33
Bromoform	< 21.7	ug/Kg		3/1/2016 14:33
Bromomethane	< 8.67	ug/Kg		3/1/2016 14:33
Carbon disulfide	< 8.67	ug/Kg		3/1/2016 14:33
Carbon Tetrachloride	< 8.67	ug/Kg		3/1/2016 14:33
Chlorobenzene	< 8.67	ug/Kg		3/1/2016 14:33
Chloroethane	< 8.67	ug/Kg		3/1/2016 14:33
Chloroform	< 8.67	ug/Kg		3/1/2016 14:33
Chloromethane	< 8.67	ug/Kg		3/1/2016 14:33
cis-1,2-Dichloroethene	< 8.67	ug/Kg		3/1/2016 14:33
cis-1,3-Dichloropropene	< 8.67	ug/Kg		3/1/2016 14:33
Cyclohexane	< 43.4	ug/Kg		3/1/2016 14:33

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

Sample Identifier: B-4 5'

Lab Sample ID: 160807-04

Date Sampled: 2/26/2016

Matrix: Soil

Date Received: 2/29/2016

Dibromochloromethane	< 8.67	ug/Kg	3/1/2016 14:33
Dichlorodifluoromethane	< 8.67	ug/Kg	3/1/2016 14:33
Ethylbenzene	< 8.67	ug/Kg	3/1/2016 14:33
Freon 113	< 8.67	ug/Kg	3/1/2016 14:33
Isopropylbenzene	< 8.67	ug/Kg	3/1/2016 14:33
m,p-Xylene	< 8.67	ug/Kg	3/1/2016 14:33
Methyl acetate	< 8.67	ug/Kg	3/1/2016 14:33
Methyl tert-butyl Ether	< 8.67	ug/Kg	3/1/2016 14:33
Methylcyclohexane	< 8.67	ug/Kg	3/1/2016 14:33
Methylene chloride	< 21.7	ug/Kg	3/1/2016 14:33
Naphthalene	< 21.7	ug/Kg	3/1/2016 14:33
n-Butylbenzene	< 8.67	ug/Kg	3/1/2016 14:33
n-Propylbenzene	< 8.67	ug/Kg	3/1/2016 14:33
o-Xylene	< 8.67	ug/Kg	3/1/2016 14:33
p-Isopropyltoluene	< 8.67	ug/Kg	3/1/2016 14:33
sec-Butylbenzene	< 8.67	ug/Kg	3/1/2016 14:33
Styrene	< 21.7	ug/Kg	3/1/2016 14:33
tert-Butylbenzene	< 8.67	ug/Kg	3/1/2016 14:33
Tetrachloroethene	< 8.67	ug/Kg	3/1/2016 14:33
Toluene	< 8.67	ug/Kg	3/1/2016 14:33
trans-1,2-Dichloroethene	< 8.67	ug/Kg	3/1/2016 14:33
trans-1,3-Dichloropropene	< 8.67	ug/Kg	3/1/2016 14:33
Trichloroethene	< 8.67	ug/Kg	3/1/2016 14:33
Trichlorofluoromethane	< 8.67	ug/Kg	3/1/2016 14:33
Vinyl chloride	< 8.67	ug/Kg	3/1/2016 14:33

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 04, 2016

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**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

**Sample Identifier:** B-4 5'

**Lab Sample ID:** 160807-04

**Date Sampled:** 2/26/2016

**Matrix:** Soil

**Date Received:** 2/29/2016

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>	
1,2-Dichloroethane-d4	<b>109</b>	83 - 126		3/1/2016	14:33
4-Bromofluorobenzene	<b>83.1</b>	80.8 - 115		3/1/2016	14:33
Pentafluorobenzene	<b>87.6</b>	90.6 - 111	*	3/1/2016	14:33
Toluene-D8	<b>92.2</b>	89.2 - 109		3/1/2016	14:33

**Method Reference(s):** EPA 8260C  
EPA 5035A

**Data File:** x29885.D

*This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.*





**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

**Sample Identifier:** B-5 8'

**Lab Sample ID:** 160807-05

**Date Sampled:** 2/26/2016

**Matrix:** Soil

**Date Received:** 2/29/2016

**Semi-Volatile Organics (PAHs)**

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 307	ug/Kg		3/1/2016 13:41
Acenaphthylene	< 307	ug/Kg		3/1/2016 13:41
Anthracene	< 307	ug/Kg		3/1/2016 13:41
Benzo (a) anthracene	< 307	ug/Kg		3/1/2016 13:41
Benzo (a) pyrene	< 307	ug/Kg		3/1/2016 13:41
Benzo (b) fluoranthene	< 307	ug/Kg		3/1/2016 13:41
Benzo (g,h,i) perylene	< 307	ug/Kg		3/1/2016 13:41
Benzo (k) fluoranthene	< 307	ug/Kg		3/1/2016 13:41
Chrysene	< 307	ug/Kg		3/1/2016 13:41
Dibenz (a,h) anthracene	< 307	ug/Kg		3/1/2016 13:41
Fluoranthene	< 307	ug/Kg		3/1/2016 13:41
Fluorene	< 307	ug/Kg		3/1/2016 13:41
Indeno (1,2,3-cd) pyrene	< 307	ug/Kg		3/1/2016 13:41
Naphthalene	< 307	ug/Kg		3/1/2016 13:41
Phenanthrene	< 307	ug/Kg		3/1/2016 13:41
Pyrene	< 307	ug/Kg		3/1/2016 13:41

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	62.6	22 - 96.1		3/1/2016 13:41
Nitrobenzene-d5	56.7	11.6 - 83.3		3/1/2016 13:41
Terphenyl-d14	82.3	60.4 - 114		3/1/2016 13:41

**Method Reference(s):** EPA 8270D  
EPA 3550C  
**Preparation Date:** 3/1/2016  
**Data File:** B10462.D

**Volatile Organics**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 7.28	ug/Kg		3/1/2016 15:46
1,1,2,2-Tetrachloroethane	< 7.28	ug/Kg		3/1/2016 15:46
1,1,2-Trichloroethane	< 7.28	ug/Kg		3/1/2016 15:46



Lab Project ID: 160807

**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

<b>Sample Identifier:</b>	B-5 8'			
<b>Lab Sample ID:</b>	160807-05		<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil		<b>Date Received:</b>	2/29/2016
1,1-Dichloroethane	< 7.28	ug/Kg	3/1/2016	15:46
1,1-Dichloroethene	< 7.28	ug/Kg	3/1/2016	15:46
1,2,3-Trichlorobenzene	< 18.2	ug/Kg	3/1/2016	15:46
1,2,4-Trichlorobenzene	< 18.2	ug/Kg	3/1/2016	15:46
1,2,4-Trimethylbenzene	< 7.28	ug/Kg	3/1/2016	15:46
1,2-Dibromo-3-Chloropropane	< 36.4	ug/Kg	3/1/2016	15:46
1,2-Dibromoethane	< 7.28	ug/Kg	3/1/2016	15:46
1,2-Dichlorobenzene	< 7.28	ug/Kg	3/1/2016	15:46
1,2-Dichloroethane	< 7.28	ug/Kg	3/1/2016	15:46
1,2-Dichloropropane	< 7.28	ug/Kg	3/1/2016	15:46
1,3,5-Trimethylbenzene	< 7.28	ug/Kg	3/1/2016	15:46
1,3-Dichlorobenzene	< 7.28	ug/Kg	3/1/2016	15:46
1,4-Dichlorobenzene	< 7.28	ug/Kg	3/1/2016	15:46
1,4-dioxane	< 72.8	ug/Kg	3/1/2016	15:46
2-Butanone	< 36.4	ug/Kg	3/1/2016	15:46
2-Hexanone	< 18.2	ug/Kg	3/1/2016	15:46
4-Methyl-2-pentanone	< 18.2	ug/Kg	3/1/2016	15:46
Acetone	< 36.4	ug/Kg	3/1/2016	15:46
Benzene	< 7.28	ug/Kg	3/1/2016	15:46
Bromochloromethane	< 18.2	ug/Kg	3/1/2016	15:46
Bromodichloromethane	< 7.28	ug/Kg	3/1/2016	15:46
Bromoform	< 18.2	ug/Kg	3/1/2016	15:46
Bromomethane	< 7.28	ug/Kg	3/1/2016	15:46
Carbon disulfide	< 7.28	ug/Kg	3/1/2016	15:46
Carbon Tetrachloride	< 7.28	ug/Kg	3/1/2016	15:46
Chlorobenzene	< 7.28	ug/Kg	3/1/2016	15:46
Chloroethane	< 7.28	ug/Kg	3/1/2016	15:46
Chloroform	< 7.28	ug/Kg	3/1/2016	15:46
Chloromethane	< 7.28	ug/Kg	3/1/2016	15:46
cis-1,2-Dichloroethene	< 7.28	ug/Kg	3/1/2016	15:46
cis-1,3-Dichloropropene	< 7.28	ug/Kg	3/1/2016	15:46
Cyclohexane	< 36.4	ug/Kg	3/1/2016	15:46

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 160807

**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

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<b>Sample Identifier:</b>	B-5 8'		
<b>Lab Sample ID:</b>	160807-05	<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Soil	<b>Date Received:</b>	2/29/2016

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Dibromochloromethane	< 7.28	ug/Kg	3/1/2016 15:46
Dichlorodifluoromethane	< 7.28	ug/Kg	3/1/2016 15:46
Ethylbenzene	< 7.28	ug/Kg	3/1/2016 15:46
Freon 113	< 7.28	ug/Kg	3/1/2016 15:46
Isopropylbenzene	< 7.28	ug/Kg	3/1/2016 15:46
m,p-Xylene	< 7.28	ug/Kg	3/1/2016 15:46
Methyl acetate	< 7.28	ug/Kg	3/1/2016 15:46
Methyl tert-butyl Ether	< 7.28	ug/Kg	3/1/2016 15:46
Methylcyclohexane	< 7.28	ug/Kg	3/1/2016 15:46
Methylene chloride	< 18.2	ug/Kg	3/1/2016 15:46
Naphthalene	< 18.2	ug/Kg	3/1/2016 15:46
n-Butylbenzene	< 7.28	ug/Kg	3/1/2016 15:46
n-Propylbenzene	< 7.28	ug/Kg	3/1/2016 15:46
o-Xylene	< 7.28	ug/Kg	3/1/2016 15:46
p-Isopropyltoluene	< 7.28	ug/Kg	3/1/2016 15:46
sec-Butylbenzene	< 7.28	ug/Kg	3/1/2016 15:46
Styrene	< 18.2	ug/Kg	3/1/2016 15:46
tert-Butylbenzene	< 7.28	ug/Kg	3/1/2016 15:46
Tetrachloroethene	< 7.28	ug/Kg	3/1/2016 15:46
Toluene	< 7.28	ug/Kg	3/1/2016 15:46
trans-1,2-Dichloroethene	< 7.28	ug/Kg	3/1/2016 15:46
trans-1,3-Dichloropropene	< 7.28	ug/Kg	3/1/2016 15:46
Trichloroethene	< 7.28	ug/Kg	3/1/2016 15:46
Trichlorofluoromethane	< 7.28	ug/Kg	3/1/2016 15:46
Vinyl chloride	< 7.28	ug/Kg	3/1/2016 15:46

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

**Sample Identifier:** B-5 8'

**Lab Sample ID:** 160807-05

**Date Sampled:** 2/26/2016

**Matrix:** Soil

**Date Received:** 2/29/2016

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>	
1,2-Dichloroethane-d4	<b>108</b>	83 - 126		3/1/2016	15:46
4-Bromofluorobenzene	<b>88.1</b>	80.8 - 115		3/1/2016	15:46
Pentafluorobenzene	<b>93.2</b>	90.6 - 111		3/1/2016	15:46
Toluene-D8	<b>93.2</b>	89.2 - 109		3/1/2016	15:46

**Method Reference(s):** EPA 8260C  
EPA 5035A

**Data File:** x29888.D

*This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.*



Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

Sample Identifier: TB T-692

Lab Sample ID: 160807-06

Date Sampled: 2/26/2016

Matrix: Water

Date Received: 2/29/2016

**Volatile Organics**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/29/2016 15:17
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/29/2016 15:17
1,1,2-Trichloroethane	< 2.00	ug/L		2/29/2016 15:17
1,1-Dichloroethane	< 2.00	ug/L		2/29/2016 15:17
1,1-Dichloroethene	< 2.00	ug/L		2/29/2016 15:17
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/29/2016 15:17
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/29/2016 15:17
1,2,4-Trimethylbenzene	< 2.00	ug/L		2/29/2016 15:17
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/29/2016 15:17
1,2-Dibromoethane	< 2.00	ug/L		2/29/2016 15:17
1,2-Dichlorobenzene	< 2.00	ug/L		2/29/2016 15:17
1,2-Dichloroethane	< 2.00	ug/L		2/29/2016 15:17
1,2-Dichloropropane	< 2.00	ug/L		2/29/2016 15:17
1,3,5-Trimethylbenzene	< 2.00	ug/L		2/29/2016 15:17
1,3-Dichlorobenzene	< 2.00	ug/L		2/29/2016 15:17
1,4-Dichlorobenzene	< 2.00	ug/L		2/29/2016 15:17
1,4-dioxane	< 20.0	ug/L		2/29/2016 15:17
2-Butanone	< 10.0	ug/L		2/29/2016 15:17
2-Hexanone	< 5.00	ug/L		2/29/2016 15:17
4-Methyl-2-pentanone	< 5.00	ug/L		2/29/2016 15:17
Acetone	< 10.0	ug/L		2/29/2016 15:17
Benzene	< 1.00	ug/L		2/29/2016 15:17
Bromochloromethane	< 5.00	ug/L		2/29/2016 15:17
Bromodichloromethane	< 2.00	ug/L		2/29/2016 15:17
Bromoform	< 5.00	ug/L		2/29/2016 15:17
Bromomethane	< 2.00	ug/L		2/29/2016 15:17
Carbon disulfide	< 2.00	ug/L		2/29/2016 15:17
Carbon Tetrachloride	< 2.00	ug/L		2/29/2016 15:17
Chlorobenzene	< 2.00	ug/L		2/29/2016 15:17

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.





**Client:** Leader Professional Services, Inc.

**Project Reference:** Roth M.S.

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<b>Sample Identifier:</b>	TB T-692		
<b>Lab Sample ID:</b>	160807-06	<b>Date Sampled:</b>	2/26/2016
<b>Matrix:</b>	Water	<b>Date Received:</b>	2/29/2016

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Chloroethane	< 2.00	ug/L	2/29/2016 15:17
Chloroform	< 2.00	ug/L	2/29/2016 15:17
Chloromethane	< 2.00	ug/L	2/29/2016 15:17
cis-1,2-Dichloroethene	< 2.00	ug/L	2/29/2016 15:17
cis-1,3-Dichloropropene	< 2.00	ug/L	2/29/2016 15:17
Cyclohexane	< 10.0	ug/L	2/29/2016 15:17
Dibromochloromethane	< 2.00	ug/L	2/29/2016 15:17
Dichlorodifluoromethane	< 2.00	ug/L	2/29/2016 15:17
Ethylbenzene	< 2.00	ug/L	2/29/2016 15:17
Freon 113	< 2.00	ug/L	2/29/2016 15:17
Isopropylbenzene	< 2.00	ug/L	2/29/2016 15:17
m,p-Xylene	< 2.00	ug/L	2/29/2016 15:17
Methyl acetate	< 2.00	ug/L	2/29/2016 15:17
Methyl tert-butyl Ether	< 2.00	ug/L	2/29/2016 15:17
Methylcyclohexane	< 2.00	ug/L	2/29/2016 15:17
Methylene chloride	< 5.00	ug/L	2/29/2016 15:17
Naphthalene	< 5.00	ug/L	2/29/2016 15:17
n-Butylbenzene	< 2.00	ug/L	2/29/2016 15:17
n-Propylbenzene	< 2.00	ug/L	2/29/2016 15:17
o-Xylene	< 2.00	ug/L	2/29/2016 15:17
p-Isopropyltoluene	< 2.00	ug/L	2/29/2016 15:17
sec-Butylbenzene	< 2.00	ug/L	2/29/2016 15:17
Styrene	< 5.00	ug/L	2/29/2016 15:17
tert-Butylbenzene	< 2.00	ug/L	2/29/2016 15:17
Tetrachloroethene	< 2.00	ug/L	2/29/2016 15:17
Toluene	< 2.00	ug/L	2/29/2016 15:17
trans-1,2-Dichloroethene	< 2.00	ug/L	2/29/2016 15:17
trans-1,3-Dichloropropene	< 2.00	ug/L	2/29/2016 15:17
Trichloroethene	< 2.00	ug/L	2/29/2016 15:17
Trichlorofluoromethane	< 2.00	ug/L	2/29/2016 15:17
Vinyl chloride	< 2.00	ug/L	2/29/2016 15:17



Lab Project ID: 160807

Client: Leader Professional Services, Inc.

Project Reference: Roth M.S.

Sample Identifier: TB T-692

Lab Sample ID: 160807-06

Date Sampled: 2/26/2016

Matrix: Water

Date Received: 2/29/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	102	81.6 - 118		2/29/2016	15:17
4-Bromofluorobenzene	83.6	79.5 - 115		2/29/2016	15:17
Pentafluorobenzene	89.6	91.4 - 111	*	2/29/2016	15:17
Toluene-D8	92.0	89.8 - 108		2/29/2016	15:17

Method Reference(s): EPA 8260C

EPA 5030C

Data File: x29868.D



## Analytical Report Appendix

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

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

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

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. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

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 analyte-specific, frequently used data flags and their meaning:

*"<" = Analyzed for but not detected at or above the quantitation limit.*

*"E" = Result has been estimated, calibration limit exceeded.*

*"Z" = See case narrative.*

*"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.*

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.*

*"B" = Method blank contained trace levels of analyte. Refer to included method blank report.*

*"J" = Result estimated between the quantitation limit and half the quantitation limit.*

*"L" = Laboratory Control Sample recovery outside accepted QC limits.*

*"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.*

*"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.*

*"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

*"(1)" = Indicates data from primary column used for QC calculation.*

*"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.*

*"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.*

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# GENERAL TERMS AND CONDITIONS

## LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

### **Warranty.**

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

### **Scope and Compensation.**

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

### **Prices.**

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

### **Limitations of Liability.**

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

### **Hazard Disclosure.**

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

### **Sample Handling.**

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

### **Legal Responsibility.**

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

### **Assignment.**

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

### **Force Majeure.**

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

### **Law.**

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

# CHAIN OF CUSTODY



REPORT TO:

INVOICE TO:

**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

LAB PROJECT ID

160507

Quotation #: M2 02116B

Email:

*dvonschondorf@paradigmenv.com*

PROJECT REFERENCE

*Roth M.S.*

CLIENT: *LEADER*  
ADDRESS: *271 MARSH RD*  
CITY: *PLTSTOWN* STATE: *NY* ZIP: *12153*  
PHONE: *855-245-2413*

CLIENT: *Same*  
ADDRESS:  
CITY: STATE: ZIP:  
PHONE:  
ATTN:

Matrix Codes:  
AQ - Aqueous Liquid  
NAQ - Non-Aqueous Liquid  
WA - Water  
WG - Groundwater  
DW - Drinking Water  
WW - Wastewater  
SO - Soil  
SL - Sludge  
SD - Solid  
PT - Paint  
WP - Wipe  
CK - Caulk  
OL - Oil  
AR - Air

REQUESTED ANALYSIS

TEL VOC  
CP-SI VOC  
CP-SI SVOC

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRADES	SAMPLE IDENTIFIER	MATERIALS	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
2-26-16	4:20	G	B-1	R1	SO	1	<i>Applied samples</i>	01
"	4:45	G	R-2	R1	SO	1	<i>get everything done 937</i>	02
"	4:55	G	B-3	R1	SO	1		03
"	5:20	G	B-4	R1	SO	1		04
"	5:50	G	B-5	R1	SO	1		05
"			TB	T-CO92	AQ	1		06

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day <input checked="" type="checkbox"/>	None Required <input type="checkbox"/>
10 day <input type="checkbox"/>	Batch QC <input type="checkbox"/>
Rush 3 day <input type="checkbox"/>	Category A <input type="checkbox"/>
Rush 2 day <input type="checkbox"/>	Category B <input type="checkbox"/>
Rush 1 day <input type="checkbox"/>	Other <input type="checkbox"/>
Other <input type="checkbox"/>	Other EDD <input type="checkbox"/>

Sampled By: *Dvonschondorf* Date/Time: *2/27/16 0905*

Relinquished By: *[Signature]* Date/Time: *0905 2/27/16*

Received By: *M. [Signature]* Date/Time: *2/29/16 0957*

Received @ Lab By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Total Cost:

20c by trip blank 2/27/16 0911 KC

*1082*



2062



### Chain of Custody Supplement

Client: Lesler Completed by: Moley/Kaid  
 Lab Project ID: 140807 Date: 2/29/16

**Sample Condition Requirements**  
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 5035	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	2°C 2/27/16 0910		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		