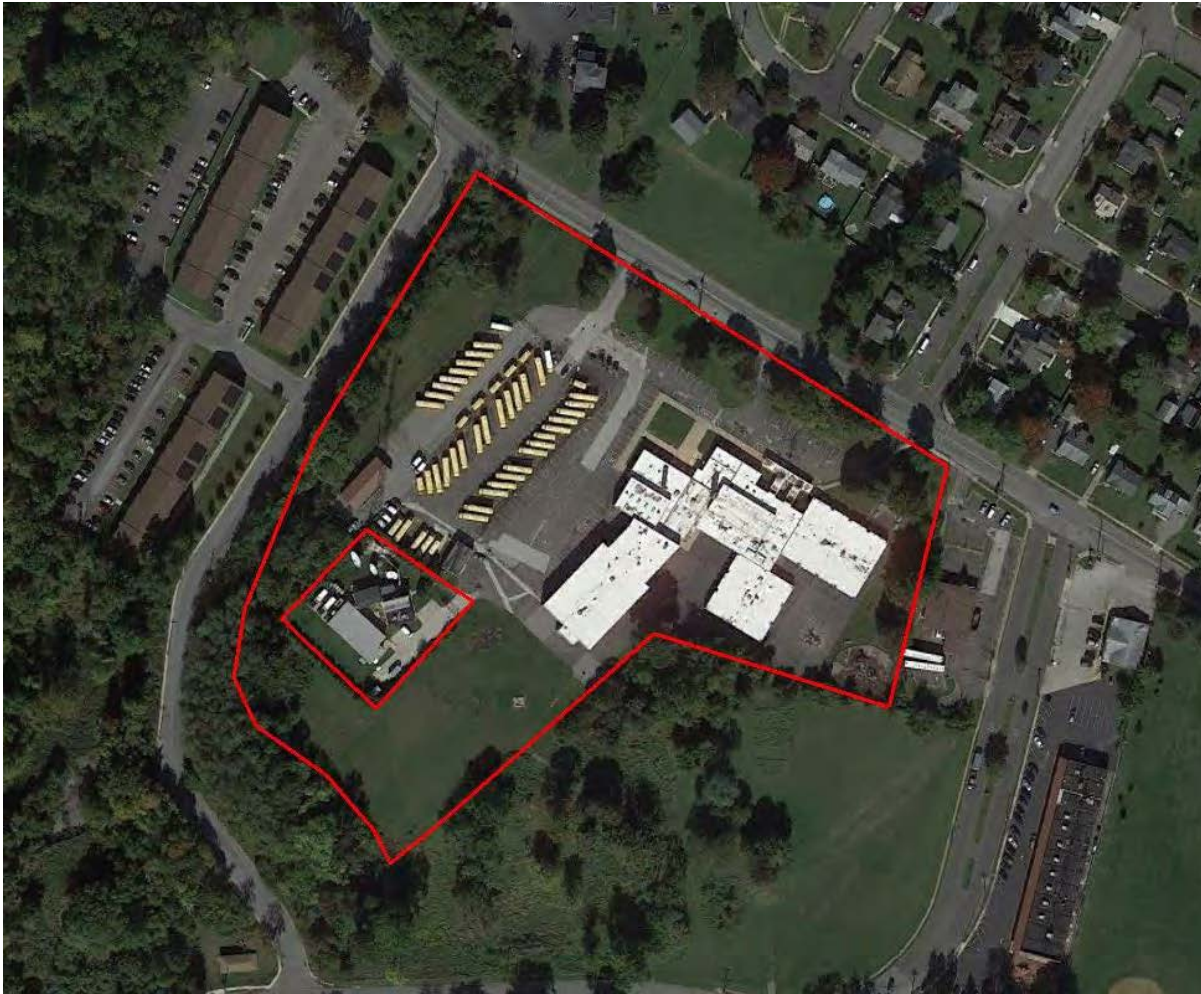


# PHASE I ENVIRONMENTAL SITE ASSESSMENT

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## **“TOBY FARMS ELEMENTARY”**

**201 Bridgewater Road  
Brookhaven, Delaware County, PA 19015**

**February 28, 2022**

**Prepared for:**

**Chester Upland School District  
232 W. 9th Street  
Chester, PA 19013**

**Prepared by:**

 **ACER**  
ASSOCIATES, LLC  
**1012 Industrial Drive  
West Berlin, New Jersey 08091**



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## **I.0 INTRODUCTION**

ACER Associates, LLC (ACER) has prepared this Phase I Environmental Site Assessment (ESA) at the request of Chester Upland School District. The assessment was performed for the property located at 201 Bridgewater Road in Brookhaven, Delaware County, Pennsylvania, hereafter referred to as “the subject property.” ACER conducted the site reconnaissance on February 2, 2022. At the time of the assessment, the subject property was an elementary school.

### **I.1 Purpose**

The purpose of the assessment was to identify recognized environmental conditions, as defined in ASTM E 1527-21, on the subject property. The term recognized environmental conditions means (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. In conducting this ESA, ACER, has adhered to the standards set forth in ASTM E 1527-21, Standard Practice for Environmental Site Assessments, except where noted otherwise.

### **I.2 Detailed Scope of Services**

The scope of the investigation included a visual inspection of the subject property and surrounding properties, interviews of owners, tenants and local government officials and a review of federal and state database information provided by Environmental Data Resources, Inc. (EDR) an independent database search firm. The results of the visual inspection have been summarized in Section 5.0 of this report. The EDR-Radius Map Report has been summarized in Section 4.0 of this report.

### **I.3 Significant Assumptions**

Certain information provided by state, federal, and local officials as well as other parties referenced herein were used to develop this report. The accuracy or completeness of the information provided by these sources was not independently verified. It is assumed that there were no deliberate attempts to misrepresent information by any of the persons interviewed, or vendors who supplied information or data. No other limitations or significant assumptions were considered in conducting this assessment.

### **I.4 Limitations and Exceptions**

To achieve the objectives of this assessment, ACER relied upon the information that was publicly available, reasonably ascertainable, and practically reviewable according to the guidelines of ASTM E 1527-21. ACER’s services were performed using a degree of skill



and care customarily exercised by environmental professionals performing similar services in comparable locations under similar circumstances. The database listed herein represents the data supplied by the specifically noted government agencies. ACER makes no warranty, express or implied as to the accuracy of such lists.

The ESA was performed in accordance with generally accepted practices as outlined in ASTM E 1527-21. The results of this assessment are based on our professional judgment and are not scientific certainties. Specifically, ACER does not and cannot represent that the subject property contains no hazardous wastes, petroleum products, or other latent conditions beyond those observed during this assessment. This report does not purport to be representative of future subject property conditions or events. No other warranty, express or implied, is made. Further, ACER reserves the right to modify the conclusions of this report should additional information become available.

The observations and conclusions presented in this report were made solely on the basis of conditions described in the report and not on scientific tasks or procedures beyond the scope of described services or the budgetary and time constraints imposed by the client.

### **I.5 Special Terms and Conditions**

The work described in this report was performed in accordance with the terms and conditions of our agreement with Chester Upland School District.

### **I.6 User Reliance**

Chester Upland School District engaged ACER to perform this assessment in accordance with an agreement governing the nature, scope, and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written are for the sole use and benefit of Chester Upland School District. Any reliance on this report by a party other than Chester Upland School District shall be at the party's sole risk unless that party has written authorization from ACER to use this document. The purpose of this restriction is to attempt to protect the interest of parties to whom the report may not be appropriately directed. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with ACER granting such rights, no third parties shall have the rights of recourse or recovery whatsoever under any course of action against ACER, its officers, employees, vendors, successors or assigns.

END OF SECTION



## **2.0 SUBJECT PROPERTY DESCRIPTION**

### **2.1 Location and Legal Description**

The subject property, Toby Farms Elementary, is located at 201 Bridgewater Road in Brookhaven, Delaware County, Pennsylvania. According to the Delaware County Online Assessment Records Database, the subject property is owned by Chester Upland School District and the tax parcel number is 7000051301, consisting of approximately 11 acres of land. A site location map has been included in Appendix A and a tax map has been included in Appendix E.

### **2.2 Subject Property and Vicinity Characteristics**

The subject property was located in Brookhaven, Delaware County, Pennsylvania. At the time of the assessment, the subject property was an elementary school. The surrounding vicinity was best described as suburban, consisting primarily of residential and commercial.

### **2.3 Current Use of the Property**

At the time of the assessment, the subject property was an elementary school with landscaped areas and an associated parking lot and baseball field.

### **2.4 Description of Structures, Roads and Other Improvements on the Site**

At the time of the assessment, the property was an elementary school. The school is a two-story structure that encompassed the eastern portion of the subject property. An asphalt parking lot with a school bus parking area encompassed the northeastern portion of the subject property. Approximately 30,000 square feet within the western portion of the subject property including a lattice tower and satellites were owned by others. In addition, a playground and baseball field were located on the property.

#### **2.4.1 Heating/Cooling System**

At the time of the assessment, the building was cooled by window air conditioning units. The building is heated by natural gas.

#### **2.4.2 Sewage System**

At the time of the assessment, the property was connected to the municipal sewer.

#### **2.4.3 Source of Potable Water**

At the time of the assessment, the property was connected to the local public water supply.



## 2.5 Current Use of the Adjoining Properties

The following chart illustrates the adjacent properties observed at the time of the assessment:

Direction From Subject Property	Property Description
North	Bridgewater Road/Residential Homes
South	Residential Homes/Powell Road
East	Powell Road/Vacant Convenience Store/711
West	Albert Road/Residential Homes

A limited visual inspection of the adjacent properties was conducted from the boundaries of the subject property. No recognized environmental conditions were observed on adjacent properties during the inspection.

END OF SECTION



### **3.0 USER PROVIDED INFORMATION**

The User, Chester Upland School District, completed a User Questionnaire for the subject property. A copy of the completed questionnaire has been included in Appendix I.

#### **3.1 Environmental Liens That Are Filed or Recorded Against the Subject Property**

*Did a search of recorded land title records identify any environmental liens filed or recorded against the subject property under federal, tribal, state or local law?*

The User did not identify any environmental liens filed or recorded against the subject property.

#### **3.2 Activity and Use Limitations That Are In Place on the Subject Property or That Have Been Filed or Recorded Against the Subject Property**

*Did a search of recorded land title records identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the subject property and/or have been filed or recorded against the subject property under federal, tribal, state or local law?*

The User did not identify any Activity and Use Limitations (AULs) that are in place at the subject property and/or have been filed or recorded against the subject property.

#### **3.3 Specialized Knowledge or Experience of the Person Seeking to Qualify For the LLP**

*Does the User have any specialized knowledge or experience related to the subject property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the subject property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?*

The User did not identify any specialized knowledge or experience of the person seeking to qualify for the LLP.

#### **3.4 Relationship of the Purchase Price to Fair Market Value of the Subject Property**

*Does the purchase price being paid for this subject property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the subject property?*

The User has no special knowledge that the rental amount (or purchase price) is not reflective of the fair market value of the subject property.



### **3.5 Commonly Known or Reasonably Ascertainable Information About the Subject Property**

*Is the User aware of commonly known or reasonably ascertainable information about the subject property that would help the environmental professional to identify conditions indicative of releases or threatened releases?*

(a) *Is the User aware of the past uses of the subject property?*

Built for Educational purposes

(b) *Does the User know of specific chemicals which are present or once were present at the subject property?*

The User did not identify any chemicals which are present or were present at the subject property.

(c) *Does the User know of spills or other chemical releases that have taken place at the subject property?*

The User did not have any knowledge of spills or releases of any chemicals at the subject property.

(d) *Is the User aware of any environmental cleanups that have taken place at the subject property?*

The User did not have any knowledge of any environmental cleanups on the subject property.

### **3.6 The Degree of Obvious Indicators of the Presence or Likely Presence of Contamination at the Subject Property and the Ability to Detect the Contamination by Appropriate Investigation**

*Based on your knowledge and experience related to the subject property, are there any obvious indicators that point to the presence or likely presence of releases at the subject property?*

The User did not identify any obvious indicators that point to the presence or likely presence of releases at the subject property.





Additional information provided by the User intended to assist the environmental professional conducting and preparing the Phase I Environmental Site Assessment (ESA):

*(a) The reason the Phase I is being performed:*

To identify any environmental hazards impacting the buildings condition

*(b) Type of property and type of property transaction:*

Unknown

*(c) The complete and correct address for the subject property:*

201 Bridgewater Rd, Chester Township, PA 19105

*(d) The scope of services desired for the Phase I (including whether any parties to the property transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered):*

No additional considerations beyond those already included in the ASTM E 1527-21 standard are included in this scope of work.

*(e) Identification of all parties who will rely on the Phase I report:*

School Districts Receiver, Superintendent, Facilities and PDE

*(f) Identification of the site contact and how the contact can be reached:*

Alfred Howard – Director of Operations 610-209-4881

*(g) Any special terms and conditions which must be agreed upon by the environmental professional:*

The User did not request or require any special terms or conditions be met during the preparation of this Phase I ESA.

*(h) Any other knowledge or experience with the subject property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondences etc., concerning the subject property and its environmental condition):*

ADHERA Reports

END OF SECTION



## **4.0 RECORDS REVIEW**

### **4.1 Standard and Additional Environmental Record Sources**

There are numerous state and federal agencies responsible for compiling environmental information, which is available to the public in the form of electronic databases. The following federal and state environmental records were reviewed in the course of this assessment. A third-party environmental database search firm, Environmental Data Resources, Inc. (EDR) Map Company, provided a summary report for the site. The EDR database report has been provided in Appendix J. In addition, ACER conducted an independent review of limited state records which included submitting FOIA requests for information to state and local agencies. A summary of the record sources reviewed has been provided in the following table.



Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal (Superfund) equivalent sites</i></b>								
SHWS	1.000		0	0	0	1	NR	1
HSCA	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LAST	0.500		0	0	0	NR	NR	0



Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
UNREG LTANKS	0.500		0	0	2	NR	NR	2
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
ARCHIVE AST	0.001		1	NR	NR	NR	NR	1
<b><i>Local Land Records</i></b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
ACT 2-DEED	0.500		0	0	0	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0



Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		2	0	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		1	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MANIFEST	0.250		1	0	NR	NR	NR	1
MINES	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

**EDR HIGH RISK HISTORICAL RECORDS****EDR Exclusive Records**

EDR MGP	1.000		0	0	0	0	NR	0
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Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals -		0	9	1	4	1	0	15
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**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database





A review of the federal, state, local, tribal, and EDR Proprietary databases revealed thirteen (13) sites within the approximate minimum ASTM search distance. ACER's review of the EDR database report identified two (2) sites of potential environmental concern.

**Subject property:**

The subject property, Toby Farms Elementary School, located at 201 Bridgewater Road was identified in the ARCHIVE AST, LUST, and UST databases (EDR Map ID #10).

Database	Summary			
LUST	Facility Id: 590912 Incident Ids: 52446, 53108 Status Dates: Status Date: 09/27/2018 and 03/05/2019 Facility Status: Interim or Remedial Actions Initiated Substance: Diesel Fuel			
UST/ ARCHIVE UST	Facility Identification # 573078. See below for tank details			
	Tank ID	Contents	Size (Gallons)	Status
	4	Gasoline	10,000	Install: 08/01/1990 Temporarily Out of Use: 03/05/2019
	5	Diesel Fuel	10,000	Install: 08/01/1990 <b>IN USE</b>
	001	Heating Oil	8,000	Install: 12/01/1963 Status: Exempt From State Law
	002	Heating Oil	8,000	Install: 12/01/1968 Status: Exempt From State Law
	003	Gasoline	8,000	Install: 12/01/1973 Status: Closed without a Permit



**Nearby properties:**

AMI-ROSE CLEANERS (also TOBY FARMS CLEANERS) (1111 Powell Road (Also 1119 and 1121 Powell Road); EDR Map ID's #B5 through #B7) located approximately 250 feet to the southeast and up-gradient of the subject property, was identified in the EDR Hist Cleaner database.

Database	Summary
EDR Hist Cleaners	AMI-ROSE CLEANERS: Drycleaning Plants, Except Rugs (1976-1978) TOBY FARMS CLEANERS: Drycleaning Plants, Except Rugs (1996-1997, 2006-2008)

Five (5) orphan sites were identified in the EDR Report.\*

\* Orphan sites are sites that could not be mapped due to inadequate information. Therefore, it is unknown whether these sites are located within the prescribed ASTM radii.

In addition to the EDR database review, ACER submitted requests for information to the following local government agencies. ACER requested any information they may have on file regarding underground storage tank releases, hazardous materials management or spills, soil or groundwater contamination, chemical fires, any other environmental concerns, permits or permit applications regarding soil or groundwater contamination management or underground and aboveground storage tanks. Information related to these requests is provided as follows:

- *PA Department of Environmental Protection | Southeast Regional Office (PADEP) – January 6, 2022* – On January 18, 2020, ACER was contacted via email by Christine Daley of the PADEP. Christine Daley attached several files for the subject property. A review of these files can be found in Section 4.4. Copies of the request for information form and response email have been included in Appendix H.
- *Delaware County Health Department – January 6, 2022* – As of the completion of this report, no response has been received to ACER's letter. A copy of the request for information letter has been included in Appendix H.
- *Chester Township – January 6, 2022* – As of the completion of this report, no response has been received to ACER's letter. A copy of the request for information letter has been included in Appendix H.

## 4.2 Physical Setting Sources

Physical setting sources are utilized to determine the geologic, hydrogeologic, and topographic characteristics of the site. ACER has reviewed maps and data provided by



the United States Geological Survey (U.S.G.S.) in completing this section.

#### **4.2.1 Topography**

The U.S.G.S. provides topographical map coverage for this property in the Marcus Hook, Pennsylvania 7.5 Minute Quadrangle. A review of the topographical map revealed the subject property was located approximately 100 feet above sea level and the surface topography sloped to the southwest. Based on topographic relief in this area, groundwater was assumed to flow to the southwest. However, the actual direction of groundwater flow can only be determined through a groundwater investigation. A copy of the topographic map has been provided in Appendix A.

#### **4.2.2 Geology/Hydrogeology/Soils**

According to the U.S.G.S Geological Open Geospatial Consortium Web Map Service for the State of Pennsylvania, According to the United States Geological Survey, Geologic Map of Pennsylvania, the project area is situated within an area underlain by the Pennsauken and Bridgeton formation, geologic symbol – Tpb. According to the Pennsylvania Geological Survey, Engineering Characteristics of the Rocks of Pennsylvania, Fourth Series, Revised 1982, the Pennsauken and Bridgeton formation is primarily composed of a yellow to reddish-brown sand, with extensively crossbedded, interbedded, coarse gravel.

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Soil Survey Geographic (SSURGO) Database, the CdA—Chester silt loam, CdB—Chester silt loam, GeC2—Glenelg channery silt loam, and GnC—Glenville silt loam components underly the project area.

The Chester component slopes are 0 to 3 percent. This component is on hillslopes, upland piedmonts. The parent material consists of residuum weathered from mica schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is I. This soil does not meet hydric criteria.

The Chester component slopes are 3 to 8 percent. This component is on hillslopes, upland piedmonts. The parent material consists of residuum weathered



from mica schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

The Glenelg component slopes are 8 to 15 percent. This component is on hillslopes, hills. The parent material consists of fine-loamy residuum weathered from mica schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

The Glenville, somewhat poorly drained component slopes are 8 to 15 percent. This component is on drainageways, piedmonts. The parent material consists of schist, gneiss or phyllite colluvium derived from metamorphic rock over schist, gneiss or phyllite residuum weathered from metamorphic rock. Depth to a root restrictive layer, fragipan, is 29 to 31 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 14 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

A copy of the SSURGO Soils Map has been included in Appendix C.



#### **4.3 Historical Use Information on the Property and Adjacent Properties**

Historical information sources are reviewed for indications of past property usage and/or operations that may have an adverse environmental impact on the subject property. The sources utilized to develop a historical background for the subject property and adjacent properties consisted of aerial photographs, Sanborn Fire Insurance Maps, and historical U.S.G.S. Topographic Maps. Copies of the aerial photographs, historical topographic maps, and Sanborn Fire Insurance Maps Report (no coverage) have been included in Appendix J.

#### 4.3.1 Standard Historical Sources

Year - Historical Source	Subject Property	Adjacent Properties
1894 – Topographic Map	A structure was evident on the subject property.	Bridgewater Road was evident to the north.
1942 – Topographic Map	No significant changes from the previous resource were evident.	No significant changes from the previous resource were evident.
1953 – Aerial Photograph	Farmland and multiple structures were evident on the subject property.	Powell Road was evident to the east. The subject property was surrounded by farmland.
1959 – Aerial Photograph	No significant changes from the previous resource were evident.	Significant residential development was evident to the northeast of the subject property.
1965 – Aerial Photograph	The present-day elementary school was evident on the subject property.	Additional residential development was evident to the north and south.
1973 – Aerial Photograph	A structure on the western portion of the property was replaced with an expanded parking lot. An addition was added to the elementary school at the western portion of the structure.	Additional residential development was evident to the west. Albert Road was evident to the west. A strip mall and two (2) commercial structures were evident to the east.
1980 – Aerial Photograph	School bus parking was evident on the western portion of the subject property.	A pool was evident to the southwest and baseball fields were evident to the east. A tower was evident within the subject property (not included in the subject property parcel).
1985 – Aerial Photograph	A dark circular area was evident to the southwest of the building on the subject property.	No significant changes from the previous resource were evident.
1990 – Topographic Map	No significant changes from the previous resource were evident.	No significant changes from the previous resource were evident.
1992 – Aerial Photograph	No significant changes from the previous resource were evident.	No significant changes from the previous resource were evident.





Year - Historical Source	Subject Property	Adjacent Properties
1997 – Aerial Photograph	No significant changes from the previous resource were evident.	No significant changes from the previous resource were evident.
2002 – Aerial Photograph	An additional structure was evident to the west of the school bus parking area on the subject property.	The pool was no longer evident to the southwest.
2007 – Aerial Photograph	No significant changes from the previous resource were evident.	No significant changes from the previous resource were evident.
2011 – Aerial Photograph	A playground was evident to the east of the school structure on the subject property.	No significant changes from the previous resource were evident.
2016 – Aerial Photograph	A baseball field was evident to the southwest.	No significant changes from the previous resource were evident.
2020 – Aerial Photograph	No significant changes from the previous resource were evident.	No significant changes from the previous resource were evident.



#### 4.3.2 Recorded Land Title Records/Property Tax Files

ACER conducted a limited deed search at the Delaware County Clerk's Office. A chain of title extending back sixty-two (62) years was established.

Grantor	Grantee	Date	Book/Page
State Public School Building Authority District	Chester Upland School District	Apr. 9, 2014	5842/225
The School District of the Township of Chester	Hansell S. Green and Hazel W., William A. Clarke and Eleanor S., and Richard G. & Kelly and M. Madeline	Dec. 28, 1961	2057/150
Hansell S. Green and Hazel W., William A. Clarke and Eleanor S., and Richard G. & Kelly and M. Madeline	William J. Wolf and Ella C.	Apr. 20, 1960	2014/471

#### 4.3.3 City Directories

ACER conducted a review of available City Directories listings (historical phone directory) for 201 Bridgewater Road. The volumes reviewed covered 1970, 1975, 1979, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014, and 2017. The review of these directories identified the subject property address in several years. Below is a summary of all listings for the property. There were no adjacent property listings of potential concern. A copy of the City Directories has been included in Appendix G.

#### Subject property

Years Listed	Reported Occupant
1995	DEL CO HEAD START
1995, 2005, 2010	TOBY FARMS SCHOOL



#### 4.4 Other Environmental Record Sources

ACER filed a File Review Request with the Pennsylvania Department of Environmental Protection (PADEP) on January 6, 2022. The following previous environmental reports were provided to ACER for review:

- Registration of Storage Tanks for Toby Farms Elementary School: **Nov.13, 1989**

Tank #	Contents	Capacity (gal)	Installation Year	CAS #	Status
1	#4 Heating Oil	8,000	1963	CAS #68476-33-5	IN USE
2	#4 Heating Oil	8,000	1968	CAS #68476-33-5	IN USE
3	Gasoline	8,000	1973	CAS #86290-81-5	IN USE

- Registration of Storage Tanks for Toby Farms Elementary School: **Oct.21, 1991**

Tank #	Contents	Capacity (gal)	Installation Year	CAS #	Status
1	#4 Heating Oil	8,000	1963	CAS #68476-33-5	IN USE
2	#4 Heating Oil	8,000	1968	CAS #68476-33-5	IN USE
3	Gasoline	8,000	1973	CAS #86290-81-5	CLOSED
4	Gasoline	10,000	1990	CAS #86290-81-5	IN USE
5	Diesel	10,000	1990	CAS #68476-30-2	IN USE

- Letter from Chester Upland School District to the Department of Environmental Resources Regional Water Quality – **Nov. 20, 1991**
  - Tank #3 (8,000-gal gasoline) was removed in the Summer of 1990
- Letter from Ferguson & McCann Inc **September 27, 2018**. A summary of information obtained from this document is as follows:



- Tank 004 (10,000 gal. gasoline) failed the tank tightness test
- A “Notice of Contamination” was submitted to the PADEP
- Storage Tank Program Letter from the PADEP – **Oct. 1, 2018**. A summary of information obtained from this document is as follows:
  - A September 27, 2018, release was confirmed and is “a violation of Section 1310 of the Pennsylvania Storage Tank and Spill Prevention Act.”
- Storage Tank Program Letter from the PADEP – **Sept. 13, 2019**. A summary of information obtained from this document is as follows:
  - A reportable release of petroleum was confirmed on the property on September 27, 2018 (Facility ID No. 23-14086 and Incident ID No. 52446 & 53108).
- Site Characterization Report (SCR) by MEA Inc Environmental Services – **Aug. 19, 2019**. A summary of information obtained from this document is as follows:
  - Incident #52446 – A noted influx of water to tank 004 (10,000 gal. gasoline) was confirmed on Sept. 27, 2018, by Ferguson & McCann
  - Incident #53108 – PADEP was present at the property for a compliance evaluation inspection on Apr. 20, 2019. Approx. 5.25 inches of water was observed in the tank (tank 004) and liquid was present in the sump servicing tank (tank 005, 10,000 gal. gasoline).
  - Soil borings (5 samples) were collected around the USTS on July 23, 2019, “no detections of analyzed constituents” were found and no release was determined to have occurred

*Years of tank inspection reports were also included in the provided files in addition to the files listed above.*

A copy of the above documentation has been included in Appendix H.

END OF SECTION



## **5.0 INFORMATION FROM SITE RECONNAISSANCE**

The site inspection was conducted on February 2, 2022. Items identified were limited to visual observations made at the time of the inspection. Photographs taken during the site inspection have been included in Appendix F.

### **5.1 Methodology and Limiting Conditions**

The site investigation consisted of a visual inspection of the property to determine if any possible Recognized Environmental Conditions (RECs) exist on the subject property. ACER conducted a diligent site reconnaissance which at minimum satisfied the requirements of Section 9 of the ASTM E 1527-21 standard. These independent conclusions represent ACER's best professional judgment based on the information and data available during the course of the project.

### **5.2 General Site Setting**

The subject property was located at 201 Bridgewater Road in Brookhaven, Delaware County, Pennsylvania. The landscape was suburban, consisting primarily of residential and commercial. The terrain surrounding the site was relatively flat.

### **5.3 Interior and Exterior Observations**

#### **5.3.1 Hazardous Substance Management/Storage Containers**

At the time of the assessment, two (2) 5-gallon buckets of corrosion inhibitor used for hot water heaters were located within the maintenance area/boiler room of the elementary school. No signs of leaking or significant staining were observed on or beneath the containers. A photograph of the containers (Photograph #17) has been included in Appendix F of this report.

At the time of the assessment, multiple hazardous material storage containers were located within the garage at the southern corner of the school bus lot on the subject property. These containers included 55-gallon drums of coolant, transmission fluid, and diesel exhaust fluid. Gas cans were also found. Other materials included cleaning supplies, paint, and windshield wiper fluid. Staining was evident beneath several of the container storage areas. Photographs of the containers and staining (Photographs #23 through #25, #32 and #33) have been included in Appendix F of this report.

At the time of the assessment, several blue 55-gallon drums were located outside of the garage at the southern corner of the school bus lot on the subject property. According to an employee on site, the drums contained gasoline that was pumped



out of the gasoline UST that is not in-use. Photographs of the drums (Photographs #18 and #20) have been included in Appendix F of this report.

### 5.3.2 Underground Storage Tanks

At the time of the assessment, one (1) vent pipe and one (1) fill port associated with an underground storage tank (UST) were observed to the north of the exterior of the structure located on the subject property. Photographs of the vent pipe and fill port (Photographs #8 and #9) have been included in Appendix F of this report.

At the time of the assessment, one (1) diesel tank and one (1) gasoline tank were observed on the subject property adjacent to the garage at the southern corner of the school bus lot on the subject property. Two (2) vents associated with the tanks were located along the wall of the garage. According to an employee on site, the gasoline tank was drained, but it is still located in place. Only the diesel tank is currently in use for school bus operations. Photographs of the UST locations and vents (Photographs #18 and #19) have been included in Appendix F of this report. In addition, a Veeder-Root system was evident in the garage. A recent receipt from the system (from February 25, 2022) indicated that 6,308 gallons of diesel was in the UST on site. Photographs of the system and receipt (Photographs 29 and 30) have been included in Appendix F of this report.

According to documentation provided by the PADEP, a total of five (5) underground storage tanks (USTs) are located on the subject property. Tank #3 is confirmed to be closed and removed. According to the EDR, it was closed without a Permit. According to the site manager, the heating oil tanks are only in place as a backup for heat.

Tank #	Contents	Capacity (gal)	Installation Year	CAS #	Status
1	#4 Heating Oil	8,000	1963	CAS #68476-33-5	IN USE
2	#4 Heating Oil	8,000	1968	CAS #68476-33-5	IN USE
3	Gasoline	8,000	1973	CAS #86290-81-5	CLOSED





Tank #	Contents	Capacity (gal)	Installation Year	CAS #	Status
4	Gasoline	10,000	1990	CAS #86290-81-5	IN USE
5	Diesel	10,000	1990	CAS #68476-30-2	IN USE

### 5.3.3 Aboveground Storage Tanks

At the time of the assessment, one (1) 275-gallon heating oil AST was located in the garage located at the southern corner of the school bus lot on the subject property. Significant staining was located beneath the tank. A fill and vent port were located on the outside wall of the garage. Photographs of the AST, staining, and vent/fill port (Photographs #26 through #28) have been included in Appendix F of this report.

### 5.3.4 On-Site Solid Waste Disposal

At the time of the assessment, no evidence of on-site solid waste disposal was observed on the subject property.

### 5.3.5 PCB and/or Mercury Containing Equipment

Older transformers and other electrical equipment can contain polychlorinated biphenyls (PCBs) at a level that subjects them to regulation by the United States Environmental Protection Agency (U.S. EPA). PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified:

- Less than 50 parts per million (PPM) of PCBs – “Non-PCB” transformer
- 50 ppm-500 ppm – “PCB-Contaminated” electrical equipment
- Greater than 500 ppm – “PCB” transformer

PCBs can also be present in hydraulic equipment such as elevators, auto lifts and dock levelers.

ACER observed several fluorescent light bulbs throughout the elementary school building. These light bulbs have the potential to contain mercury. Fluorescent lighting fixtures are considered Universal Waste Lamps by the NJDEP/USEPA Universal Waste Rule and require processing in accordance with the rule. Special



handling procedures are required when removing and disposing of fluorescent lights. All lighting fixtures and bulbs should be recycled or disposed of in accordance with the Universal Waste Rule when the bulbs are removed, replaced, or decommissioned.

Furthermore, the lights have ballasts which have the potential to contain PCBs. Unless labeled as "No-PCBs", light ballasts should be recycled or disposed of in accordance with all applicable EPA, OSHA, state, and local regulations regarding handling, transport, and disposal of such wastes when the ballasts are removed, replaced, or decommissioned.

ACER observed a gas meter on the exterior of the elementary school building. Gas regulators have the potential to contain mercury. Special handling procedures are required when removing and disposing of potential mercury containing gas regulators. All parts should be recycled or disposed of in accordance with all applicable regulations when the regulators are removed, replaced, or decommissioned.

#### **5.3.6 Other Conditions of Concern**

At the time of the assessment, a compressor vent discharge was observed within the maintenance area/boiler room within the elementary school on the subject property. The discharges were located on concrete. A photograph of the discharge (Photograph #11) has been included in Appendix F of this report.

Evidence of farmland was observed on the subject property in the 1953 and 1959 aerial photographs. Historically, hazardous chemicals have been used as pesticides during farming activity and can remain unchanged in the surface soil for many years. In particular, arsenical pesticides (Lead Arsenate and Calcium Arsenate) were used into the 1950s primarily in apple and peach orchards, but also on other vegetables, potatoes, tomatoes, and plants that would tolerate its toxicity. Until 1947, when DDT first became available, these arsenical pesticides were the primary pesticides available to farmers. The utilization of arsenical pesticides was common into the 1960s. These formulations were manually mixed by the farmers and have been used in various levels of concentration. Therefore, the potential exists for persistent contamination of the shallow soil column.

At the time of the assessment, staining was evident behind a heater in the garage at the southern portion of the school bus parking lot. The heater appeared to utilize diesel. A photograph of the staining (Photograph #31) has been included in Appendix F of this report.



At the time of the assessment, a floor drain was evident within the garage at the southern portion of the school bus parking lot. A photograph of the floor drain (Photograph #22) has been included in Appendix F of this report.

END OF SECTION



## **6.0 NON-SCOPE CONSIDERATIONS**

ACER provides information regarding the following non-scope ASTM items as part of our standard Phase I Environmental Site Assessment because these issues may at times have a significant impact on the value of a property or the ability to undergo certain projects.

### **6.1 Asbestos Containing Building Materials**

Based on the date of construction (built between 1959 and 1965), the potential existed for asbestos containing materials to be present on or within the building. Potential asbestos containing building materials, including but not limited to: tile mastic, window glazing, sheet rock, joint compound and ceiling tiles were observed in the building.

### **6.2 Lead-Based Paint**

Human lead exposure can occur when lead-based paint is dry scraped, dry sanded, or heated. Lead may cause a range of health effects, from behavioral problems and learning disabilities, to seizures and death. In 1978, the United States Consumer Product Safety Commission (CPSC) issued a “final ban” on lead in paint (16 CFR Part 1303). However, the 1978 ban included an exemption for certain limited uses of lead-based paint, including coatings to refinish industrial equipment and building/equipment maintenance coatings.

Based on the date of construction (built between 1959 and 1965), the potential existed for lead-based paint to be present on or within the building. In addition, concentrations of lead in paint may exceed the CPSC threshold for lead in paint and OSHA regulates certain activities which will disturb paint containing any amount of lead.

### **6.3 Wetlands**

According to the EDR Representation of the National Wetland Inventory (NWI) Map, no federal wetlands are located on or in the immediate vicinity of the subject property. Wetland delineation data has been incorporated into the mapping of the environmental database information, which is portrayed in the Overview Map and Detail Map included with the EDR database report in Appendix J.

### **6.4 Floodplains**

According to the EDR Representation of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), no floodplains are located on or in the vicinity of the subject property. Floodplain data has been incorporated into the mapping of the environmental database information and can be seen in the Overview Map included with the EDR database report in Appendix J.



## **6.5 Radon**

The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three (3) Radon Zones. Zone 1 includes areas within which the average predicted indoor radon concentration in residential dwellings exceeds the EPA Action limit of 4.0 picoCuries per Liter (pCi/L). Zone 2 includes areas within which the average predicted indoor radon concentration in residential dwellings is between the EPA Action limit of 2.0 and 4.0 picoCuries per Liter (pCi/L). Zone 3 includes areas within which the average predicted indoor radon concentration in residential dwellings is below the EPA Action limit of 2.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three (3) zones and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

According to the U.S. EPA's Map of Radon Zones, Delaware County, the subject property is located within EPA Radon Zone I, where average predicted radon levels are above 4 pCi/L. For additional information on radon, visit [www.epa.gov/radon](http://www.epa.gov/radon). A copy of the Radon Map has been included in Appendix D.

END OF SECTION



## **7.0 INTERVIEWS**

### **7.1 Interviews with Property Owner**

At the time of the assessment, no property owner was available for interview.

### **7.2 Interviews with Site Manager**

At the time of the site visit on February 2, 2022, the site manager, Brian Pyatt from the Maintenance Department was present to answer any questions about the subject property. According to the site manager, two (2) USTs (gas and diesel) associated with the school buses on the subject property were in an inaccessible area on the western portion of the subject property. He indicated that the school also has a heating oil tank that is not in use and only in place for emergency backup. He also indicated that the floor drains on the property lead to sanitary sewer.

On February 25, 2022, ACER revisited the subject property to investigate the school bus parking lot portion of the subject property. According to an employee on site, a new bus company is contracted at the site each year and the two (2) USTs were used for school bus operations. According to the employee, the gasoline UST was drained and is no longer in use. Several 55-gallon drums containing the drained gasoline were located along the wall of the garage. The diesel UST is still in use and the gasoline UST remains in place.

### **7.3 Interviews with Occupants**

At the time of the assessment, no occupants were available for interview.

### **7.4 Interviews with Local Government Officials/Others**

ACER submitted requests for information to local government agencies. ACER requested any information they may have on file regarding underground storage tank releases, hazardous materials management or spills, soil or groundwater contamination, chemical fires, any other environmental concerns, permits or permit applications regarding soil or groundwater contamination management or underground and aboveground storage tanks. Information related to these requests is summarized in Section 4.I of this report.

### **7.5 Interviews with Others**

At the time of the assessment, no others were available for interview.

END OF SECTION



## 8.0 FINDINGS, CONCLUSIONS, AND OPINIONS

ACER has prepared this Phase I ESA at the request of Chester Upland School District. The assessment was performed for the property located at 201 Bridgewater Road in Brookhaven, Delaware County, Pennsylvania. ACER conducted a site reconnaissance visit on February 2, 2022. At the time of the assessment, the subject property was an elementary school.

In conducting this ESA, ACER has adhered to the standards set forth in ASTM E 1527-21, The Standard Practice for Environmental Site Assessments, except where noted otherwise.

The initial scope of the investigation included a visual inspection of the subject property and surrounding properties, a review of publicly available historical records, interviews with local government agencies, and a review of federal and state environmental database information provided by EDR, an electronic search firm. The results of the visual inspection have been summarized in Section 5.0 of this report. The historical records search, EDR Radius Map Report, and file review information have been summarized in Section 4.0 of this report.

During our visual inspection, records review, and interviews, the following potential recognized environmental conditions (RECs) were evaluated and determined unlikely to impact the subject property:

1. At the time of the assessment, two (2) 5-gallon buckets of corrosion inhibitor used for hot water heaters were located within the maintenance area/boiler room of the elementary school. No signs of leaking or significant staining were observed on or beneath the containers. A photograph of the containers (Photograph #17) has been included in Appendix F of this report. Since no evidence of a release was observed, ACER recommends no further investigation of this potential concern.
2. At the time of the assessment, a compressor vent discharge was observed within the maintenance area/boiler room within the elementary school on the subject property. A photograph of the discharge (Photograph #11) has been included in Appendix F of this report. The discharges were located on concrete and minor staining was observed and according to the site manager, all drains within the building lead to sanitary sewer, therefore, ACER recommends no further investigation of this potential concern.

ACER has performed a Phase One Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21 of the site. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except for the following.



1. **REC#1: Farmland** – Evidence of farmland was observed on the subject property in the 1953 and 1959 aerial photographs. Historically, hazardous chemicals have been used as pesticides during farming activity and can remain unchanged in the surface soil for many years. In particular, arsenical pesticides (Lead Arsenate and Calcium Arsenate) were used into the 1950s primarily in apple and peach orchards, but also on other vegetables, potatoes, tomatoes, and plants that would tolerate its toxicity. Until 1947, when DDT first became available, these arsenical pesticides were the primary pesticides available to farmers. The utilization of arsenical pesticides was common into the 1960s. These formulations were manually mixed by the farmers and have been used in various levels of concentration. Therefore, the potential exists for persistent contamination of the shallow soil column. If soil must be removed from the site, waste classification sampling may be required and the presence of historically applied pesticides in the soil may affect soil disposal costs.
  
2. **REC#2: Adjacent Facility** – AMI-ROSE CLEANERS (also TOBY FARMS CLEANERS) (1111 Powell Road (Also 1119 and 1121 Powell Road); EDR Map ID's #B5 through #B7) located approximately 250 feet to the southeast and up-gradient of the subject property, was identified in the EDR Hist Cleaner database. According to the databases, AMI-ROSE CLEANERS was located at the above location from 1976 to 1978 and TOBY FARMS CLEANERS was located at the above location from 1996 to 1997 and from 2006 to 2008. Due to the distance, direction, and gradient from the subject property, ACER recommends further investigation of this potential concern.
  
3. **REC#3: Underground Storage Tanks** – The subject property, Toby Farms Elementary School, located at 201 Bridgewater Road was identified in the ARCHIVE AST, LUST, and UST databases (EDR Map ID #10). According to the databases and documentation provided by the PADEP, a total of five (5) underground storage tanks (USTs) are located on the subject property including two (2) gasoline tanks (one (1) 8,000 and one (1) 10,000), two (2) #4 heating oil tanks (both 8,000 gallons), and one (1) diesel tank (10,000 gallons). Tank #3 (the one (1) 8,000-gallon heating oil tank) was removed in 1990. No sampling was indicated in association with the removal. According to the EDR, it was closed without a Permit. According to the site manager of the subject property, the heating oil tanks are only in place as a backup for heat and are not utilized. The two (2) 10,000-gal gasoline out of service tanks and diesel tanks are used for school buses on the property. ACER observed two (2) USTs, one diesel and one gasoline adjacent to the garage at the southern corner of the school bus lot. ACER also observed one (1) UST fill adjacent to the northwest corner of the school building.

On February 25, 2022, ACER returned to the subject property to further investigate the school bus area containing the two (2) USTs (one (1) 10,000 gasoline and one (1)





10,000 diesel). At the time of the assessment, the two (2) USTs were observed on the subject property adjacent to the garage at the southern corner of the school bus lot on the subject property. Two (2) vents associated with the tanks were located along the wall of the garage. According to an employee on site, the gasoline tank was drained, but it is still located in place. Several drums of gasoline were evident along the school bus area garage that were from the drained gasoline tank. Only the diesel tank is currently in use for school bus operations. Photographs of the UST locations and vents (Photographs #18 and #19) have been included in Appendix F of this report. In addition, a Veeder-Root system was evident in the garage. A recent receipt from the system (from February 25, 2022) indicated that 6,308 gallons of diesel was in the UST on site. Photographs of the system and receipt (Photographs 29 and 30) have been included in Appendix F of this report.

Due to the potential for soil and groundwater contamination, ACER recommends further investigation of the USTs on the subject property. Because the sampling was not confirmed for the removal of the 8,000-gallon gasoline UST and it was closed without a permit, further investigation is recommended. In addition, the out-of-service 10,000-gallon gasoline UST can only be in place for maximum period of three (3) years. After this period, the tank must be removed.

4. **REC#4: Hazardous Materials in School Bus Area Garage** – At the time of the assessment, one (1) 275-gallon heating oil AST was located in the garage located at the southern corner of the school bus lot on the subject property. Significant staining was located beneath the tank. A fill and vent port were located on the outside wall of the garage. Photographs of the AST, staining, and vent/fill port (Photographs #26 through #28) have been included in Appendix F of this report.

At the time of the assessment, staining was evident behind a heater in the garage at the southern portion of the school bus parking lot. The heater appeared to utilize diesel. A photograph of the staining (Photograph #31) has been included in Appendix F of this report.

At the time of the assessment, multiple hazardous material storage containers were located within the garage at the southern corner of the school bus lot on the subject property. These containers included 55-gallon drums of coolant, transmission fluid, and diesel exhaust fluid. Gas cans were also found. Other materials included cleaning supplies, paint, and windshield wiper fluid. Staining was evident beneath several of the container storage areas. Photographs of the containers and staining (Photographs #23 through #25, #32 and #33) have been included in Appendix F of this report.

At the time of the assessment, a floor drain was evident within the garage at the southern portion of the school bus parking lot. A photograph of the floor drain (Photograph #22) has been included in Appendix F of this report.



Due to the significant staining located within the school bus area garage from multiple sources and the presence of floor drain within the garage, ACER recommends further investigation of this potential concern.

The following non-scope concerns were identified at the subject property. Further investigation to ensure compliance with applicable federal, state, and local regulations may be prudent and should be performed as required.

1. The potential existed for asbestos containing materials to be present on or within the building on the subject property. Prior to impacting the building, ACER recommends an asbestos survey be conducted. In addition, schools are required to comply with the Asbestos Hazard Emergency Response Act (AHERA) of 1986 requirements per 40 CFR Part 763.
2. The potential existed for lead-based paint to be present on or within the building on the subject property. Prior to impacting the building, ACER recommends a lead-based paint survey be conducted.
3. ACER observed several fluorescent light bulbs throughout the elementary school building. These light bulbs have the potential to contain mercury. Fluorescent lighting fixtures are considered Universal Waste Lamps by the NJDEP/USEPA Universal Waste Rule and require processing in accordance with the rule. Special handling procedures are required when removing and disposing of fluorescent lights. All lighting fixtures and bulbs should be recycled or disposed of in accordance with the Universal Waste Rule when the bulbs are removed, replaced, or decommissioned.
4. ACER observed a gas meter on the exterior of the elementary school building. Gas regulators have the potential to contain mercury. Special handling procedures are required when removing and disposing of potential mercury containing gas regulators. All parts should be recycled or disposed of in accordance with all applicable regulations when the regulators are removed, replaced, or decommissioned.
5. According to the U.S. EPA's Map of Radon Zones, Delaware County and the subject property are located within EPA Radon Zone I, where average predicted radon levels are above 4 pCi/L. There is a small basement area located within the building which houses the communication lines, the water treatment system for the building, and the elevator equipment room. Based on the expected prevalence of radon levels above 4pCi/L in this region, ACER recommends compliance with applicable local, state, and federal workplace safety regulations.

END OF SECTION



## **9.0 DEVIATIONS AND DATA GAPS**

ACER has performed this Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21. There were no exceptions to or deletions from this practice. No significant data gaps, as defined in ASTM E 1527-21, were identified in this assessment.

END OF SECTION



## 10.0 REFERENCES

ASTM E1527-21, "Standard Practice for 'Environmental Site Assessments: Phase I Environmental Site Assessment Process'", November 1, 2021.

The EDR Radius Map™ Report®. Environmental Data Resources, Inc. January 5, 2022.

Certified Sanborn® Map Report. Environmental Data Resources, Inc. January 5, 2022.

The EDR-City Directory Abstract® Map Report. Environmental Data Resources, Inc. January 7, 2022.

Aerial Photographs. U.S.G.S. EarthExplorer. <http://earthexplorer.usgs.gov/>

Historic U.S.G.S. Topographic Map. National Geological Map Database.  
<http://ngmdb.usgs.gov/maps/TopoView/viewer>

Aerial Photographs. Google™ Earth.

"World Street Map," World\_Street\_Map [ArcGIS Map Service]. Redlands, CA: Environmental Systems Research Institute, Inc. Using: ArcView GIS [GIS Software]. Version 9.3.1. Redlands, CA: Environmental Systems Research Institute, Inc., 1999-2009.

Soil Survey Geographic (SSURGO) Database Web Mapping Service. United States Department of Agriculture, Natural Resources Conservation Service, Soil Survey Staff.  
<http://SDMDataAccess.nrcs.usda.gov/Spatial/SDM.wms>.

"USGS Topographic Map," US\_Topo\_Maps [ArcGIS Map Service]. Redlands, CA: Environmental Systems Research Institute, Inc. Using: ArcView GIS [GIS Software]. Version 9.3.1. Redlands, CA: Environmental Systems Research Institute, Inc., 1999-2009

END OF SECTION



## 11.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental professional as defined in Part 312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:

Katrina O'Donnell  
Environmental Scientist

Reviewed By:

J. Scott Horn, PG, CHMM  
President

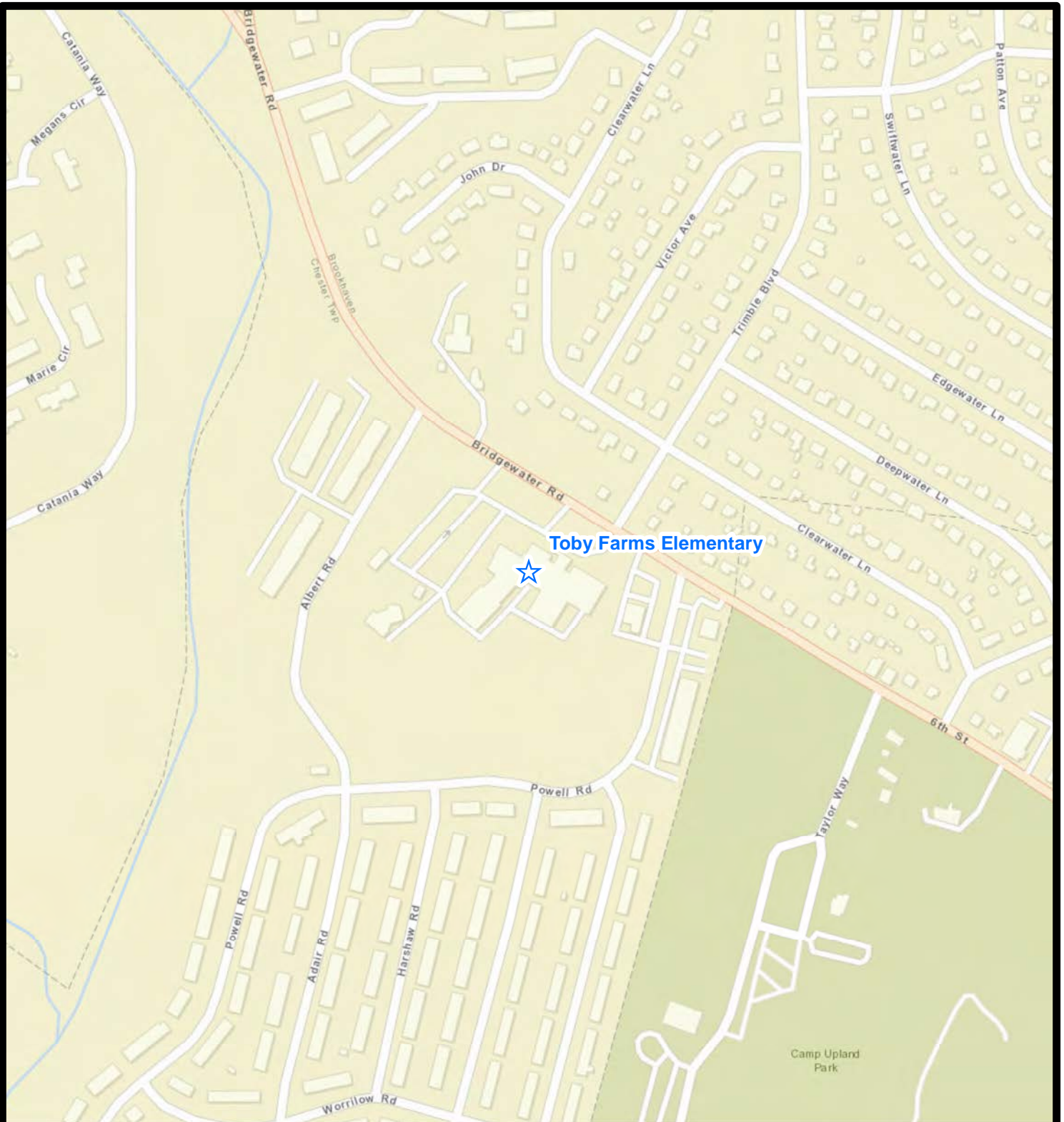


## **12.0 APPENDICES**



## **Appendix A**

### **Site Location Map/Topographic Map/REC MAP**



**SITE LOCATION**

## **SITE LOCATION MAP**

The ArcGIS Online services in this group layer present satellite imagery and aerial imagery for the world.

## **ACER ASSOCIATES, LLC**

1012 INDUSTRIAL DRIVE  
WEST BERLIN, NEW JERSEY 08091  
Tel (856) 809-1202 / Fax (856) 809-1203





**SITE LOCATION**

## USGS TOPOGRAPHIC MAP Marcus Hook Quadrangle

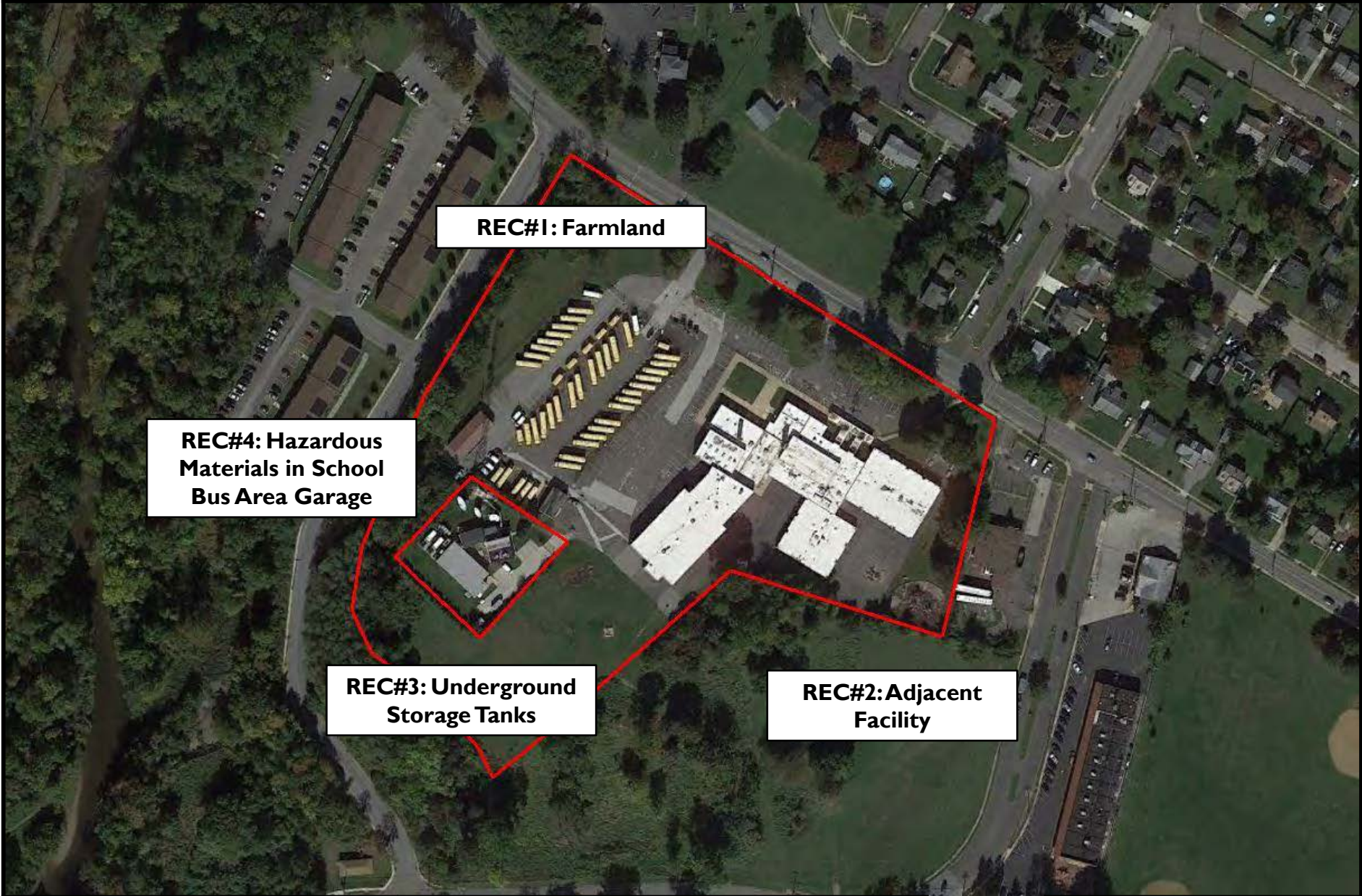
"USGS Topographic Map," US\_Topo\_Maps [ArcGIS Map Service]. Redlands, CA: Environmental Systems Research Institute, Inc. Using: ArcView GIS [GIS Software]. Version 9.3.1. Redlands, CA: Environmental Systems Research Institute, Inc., 1999-2009.



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Tel (856) 809-1202 / Fax (856) 809-1203





**REC#1: Farmland**

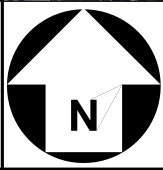
**REC#4: Hazardous  
Materials in School  
Bus Area Garage**

**REC#3: Underground  
Storage Tanks**

**REC#2: Adjacent  
Facility**

201 Bridgewater Road  
Brookhaven, Delaware County, PA 19015  
ACER Project #20220009

**ACER Associates, LLC**  
1012 Industrial Drive, West Berlin, New Jersey 08091  
Telephone: (856) 809-1202 Fax: (856) 809-1203



**REC Map**  
Sheet 1 of 1



## **Appendix B**

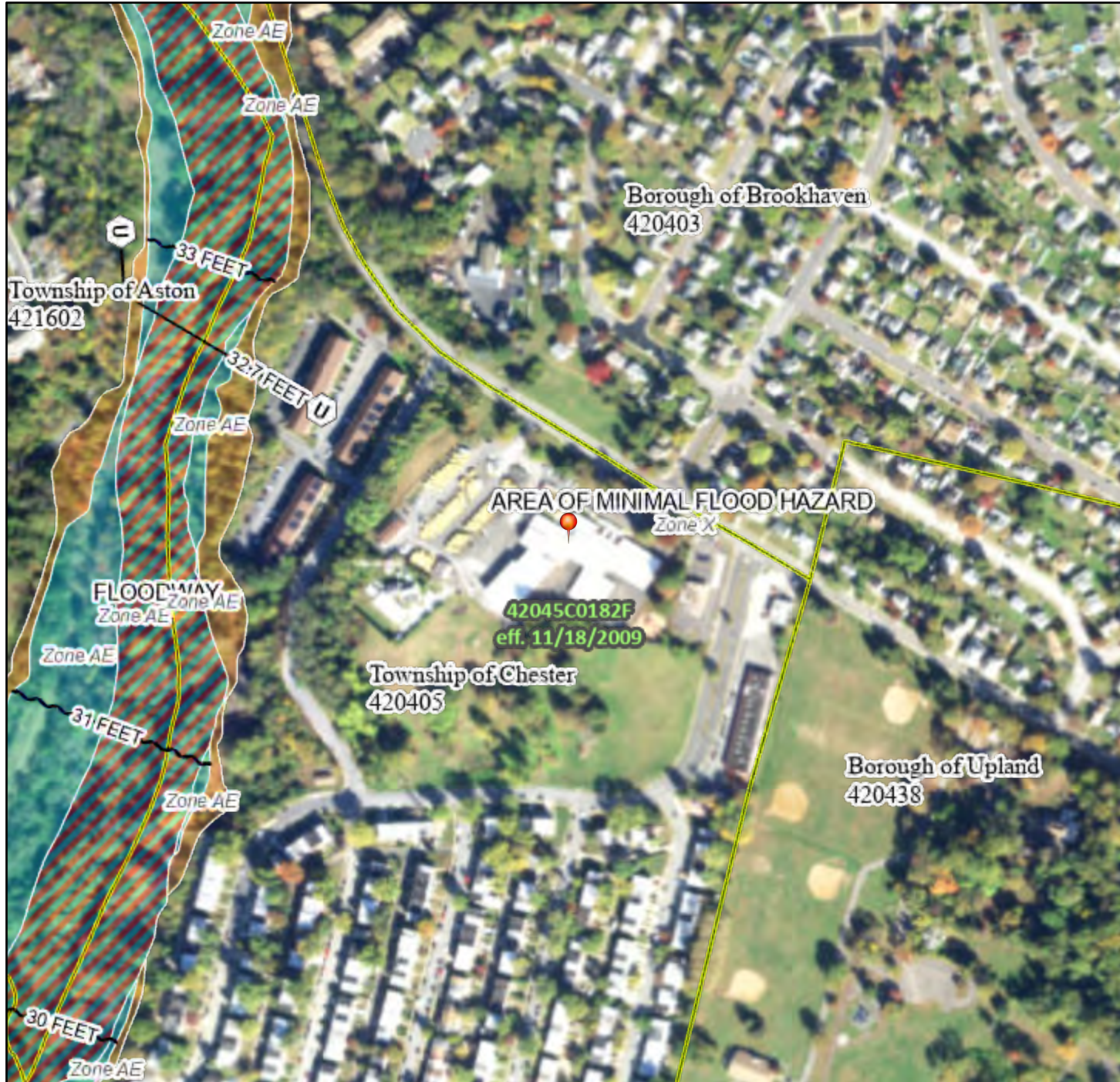
### **Floodplain Map/Wetlands Map**



# National Flood Hazard Layer FIRMette



75°23'48"W 39°51'45"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/9/2022 at 9:55 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





**SITE LOCATION**

## **NATIONAL WETLANDS INVENTORY (NWI) MAP**

"National Wetlands Inventory," United States Fish & Wildlife Service Web Map Service [WMS Service]. Madison, WI: U.S. Fish and Wildlife Service, Department of the Interior.

The ArcGIS Online services in this group layer present satellite imagery and aerial imagery for the world.

### **ACER ASSOCIATES, LLC**

1012 INDUSTRIAL DRIVE  
WEST BERLIN, NEW JERSEY 08091  
Tel (856) 809-1202 / Fax (856) 809-1203



## **Appendix C**

### **SSURGO Soil Map**



# Soil Map—Delaware County, Pennsylvania



## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Delaware County, Pennsylvania

Survey Area Data: Version 19, Aug 31, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 26, 2019—Jul 10, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CdA	Chester silt loam, 0 to 3 percent slopes	0.8	7.4%
CdB	Chester silt loam, 3 to 8 percent slopes	7.5	67.8%
GeC2	Glenelg channery silt loam, 8 to 15 percent slopes, moderately eroded	2.7	24.8%
Ma	Made land, gravelly materials	0.0	0.0%
<b>Totals for Area of Interest</b>		<b>11.1</b>	<b>100.0%</b>



## **Appendix D**

### **Radon Map**



**Zone 1** counties have a predicted average indoor radon screening level greater than 4 pCi/L (picocuries per liter) **(red zones)**

**Highest Potential**



**Zone 2** counties have a predicted average indoor radon screening level between 2 and 4 pCi/L **(orange zones)**

**Moderate Potential**



**Zone 3** counties have a predicted average indoor radon screening level less than 2 pCi/L **(yellow zones)**

**Low Potential**



**SITE LOCATION**

## **EPA MAP OF RADON ZONES**

The ArcGIS Online services in this group layer present satellite imagery and aerial imagery for the world.

**ACER ASSOCIATES, LLC**

1012 INDUSTRIAL DRIVE  
WEST BERLIN, NEW JERSEY 08091  
Tel (856) 809-1202 / Fax (856) 809-1203



## **Appendix E**

### **Tax Map**





**SITE LOCATION**

## **TAX PARCEL MAP**

### **ACER ASSOCIATES, LLC**

1012 INDUSTRIAL DRIVE  
WEST BERLIN, NEW JERSEY 08091  
Tel (856) 809-1202 / Fax (856) 809-1203

The ArcGIS Online services in this group layer present satellite imagery and aerial imagery for the world.



## **Appendix F**

### **Site Photographs**





Photograph 1: View of the western portion of the elementary school structure.



Photograph 2: View of the western portion of the elementary school structure.



Photograph 3: View of the northern portion of the elementary school structure.



Photograph 4: View of the northern portion of the elementary school structure.





Photograph 5: View of the northern portion of the elementary school structure.



Photograph 6: View of the tower and school bus parking area on the western portion of the subject property.



Photograph 7: View of a concrete pad located to the south west of the elementary school building on the subject property.





Photograph 8: View of a UST fill pipe located at the northern corner of the elementary school building.



Photograph 9: View of a UST fill and vent pipe located at the northern corner of the elementary school building.





Photograph 10: View of gas meters along the wall of the elementary school building.



Photograph 11: View of compressor vent discharges located within the maintenance area/boiler room of the elementary school.





Photograph 12: View of a compressor and a floor drain located within the maintenance area/boiler room of the elementary school.



Photograph 13: View of a compressor and a lead acid batter located within maintenance area/boiler room of the elementary school.



Photograph 14: View of a fire cabinet within the maintenance area/boiler room of the elementary school (empty).



Photograph 15: View of a floor drain located within the kitchen area within the elementary school.





Photograph 16: View of boilers within the maintenance area/boiler room of the elementary school.



Photograph 17: View of two (2) 5-gallon buckets of corrosion inhibitor used for hot water heaters were located within the maintenance area/boiler room of the elementary school.



Photograph 18: View of a diesel and gasoline pump (gasoline disconnected) and diesel UST location associated with the school bus operations on the subject property.



Photograph 19: View of the gasoline UST associated with the school bus operations on the subject property.





Photograph 20: View of drums on the outside of the garage at the southern portion of the school bus parking lot.



Photograph 21: View of the inside of the garage at the southern portion of the school bus parking lot.



Photograph 22: View of a floor drain located within the school bus garage.



Photograph 23: View of drums within the school bus garage.





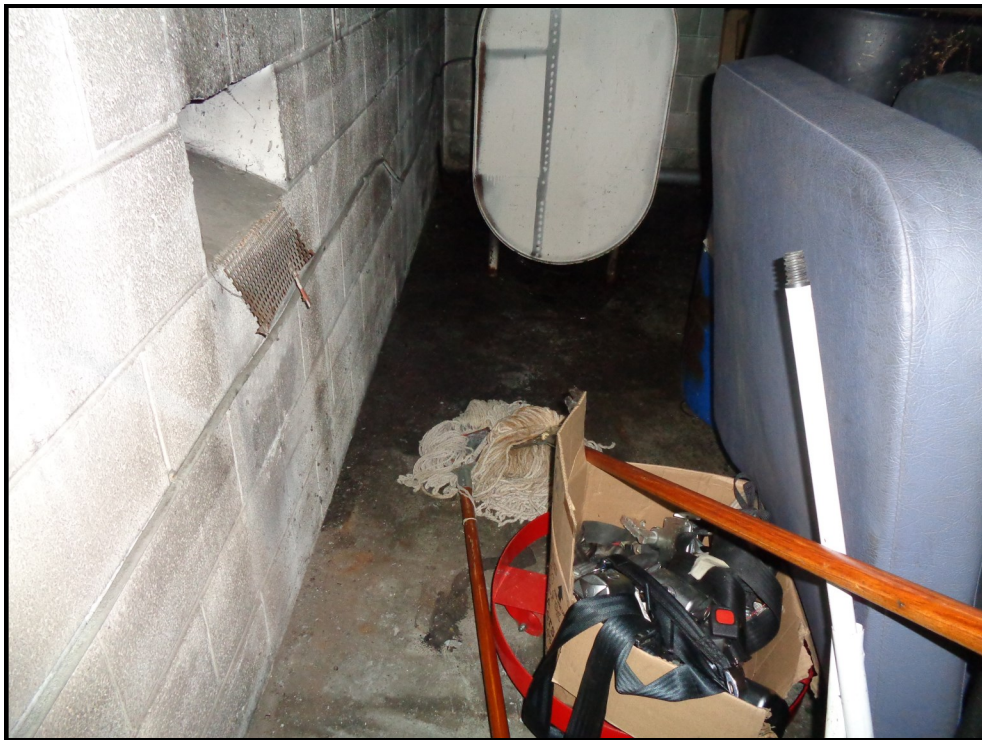
Photograph 24: View of empty drums within the school bus garage.



Photograph 25: View of a chemical storage cabinet within the school bus garage.



Photograph 26: View of a 275-gallon heating oil tank within the school bus garage.



Photograph 27: View of staining beneath the 275-gallon AST within the school bus garage.

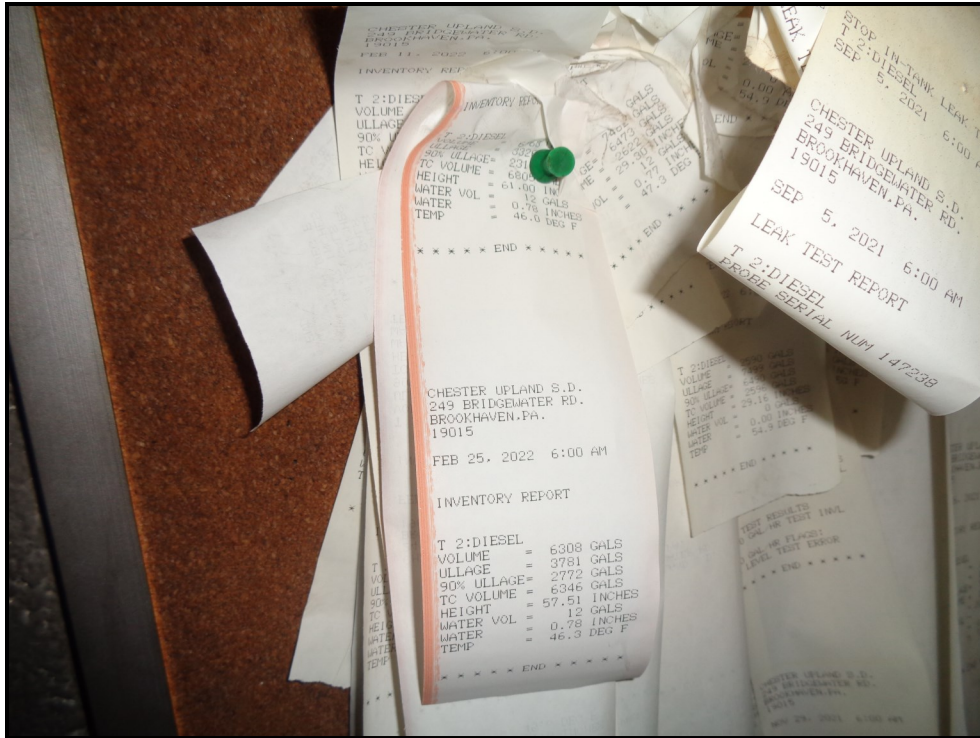




Photograph 28: View a fill and vent port associated with the 275-gallon AST on the outside of the school bus garage.



Photograph 29: View of a Veeder-Root system associated with the diesel UST located on the subject property.



Photograph 30: View of a Veeder-Root Receipt for the diesel tank indicating 6308-gallons within the tank.



Photograph 31: View of staining behind a heater located within the school bus garage.





Photograph 32: View of a stained area within the school bus garage.



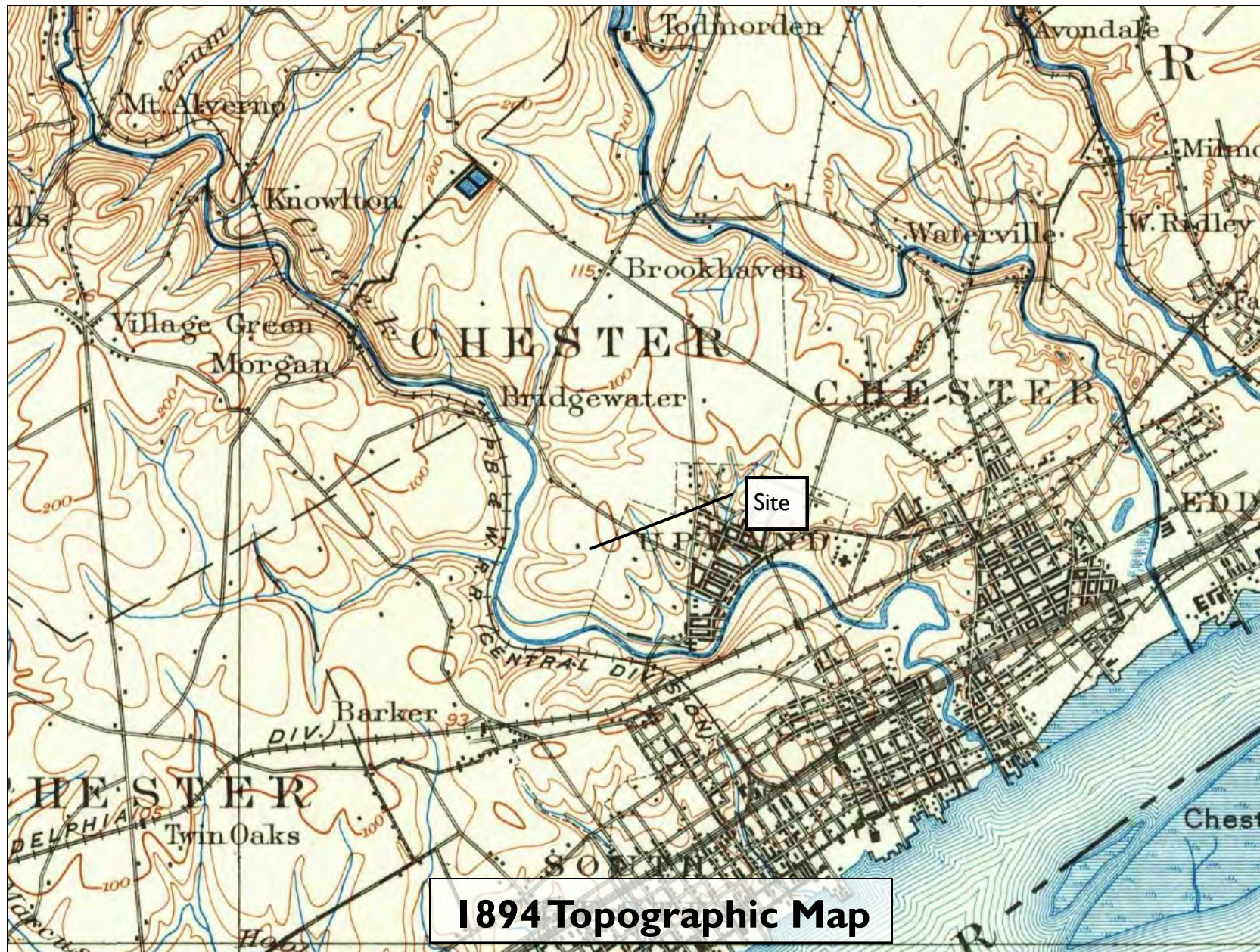
Photograph 33: View of a stained area within the school bus garage.



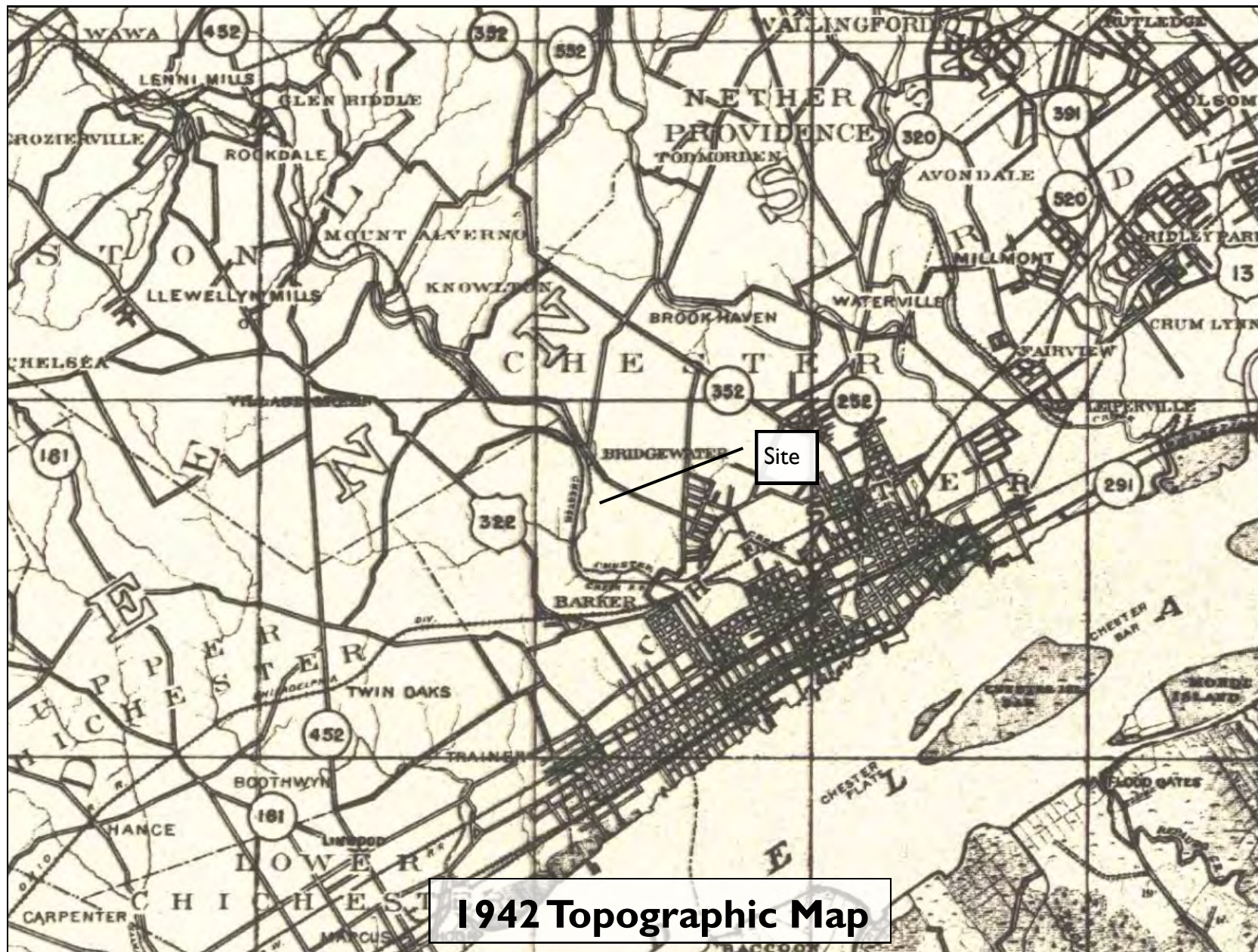
## **Appendix G**

### **Historic Maps and Aerial Photographs**























ACER ASSOCIATES, LLC



1012 Industrial Drive, West Berlin, New Jersey 08091  
Tel. (856)-809-1202 Fax. (856)-809-1203

















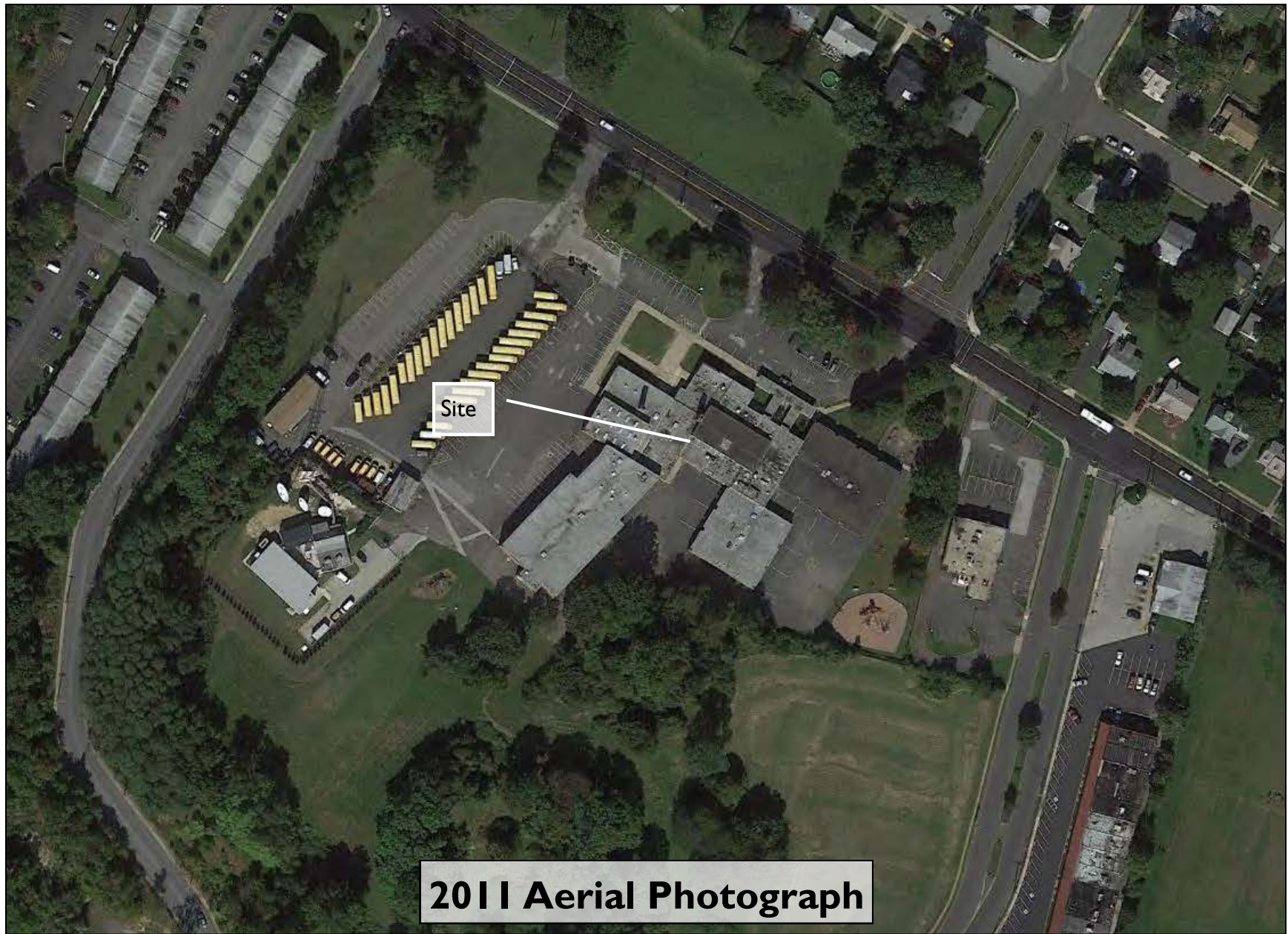






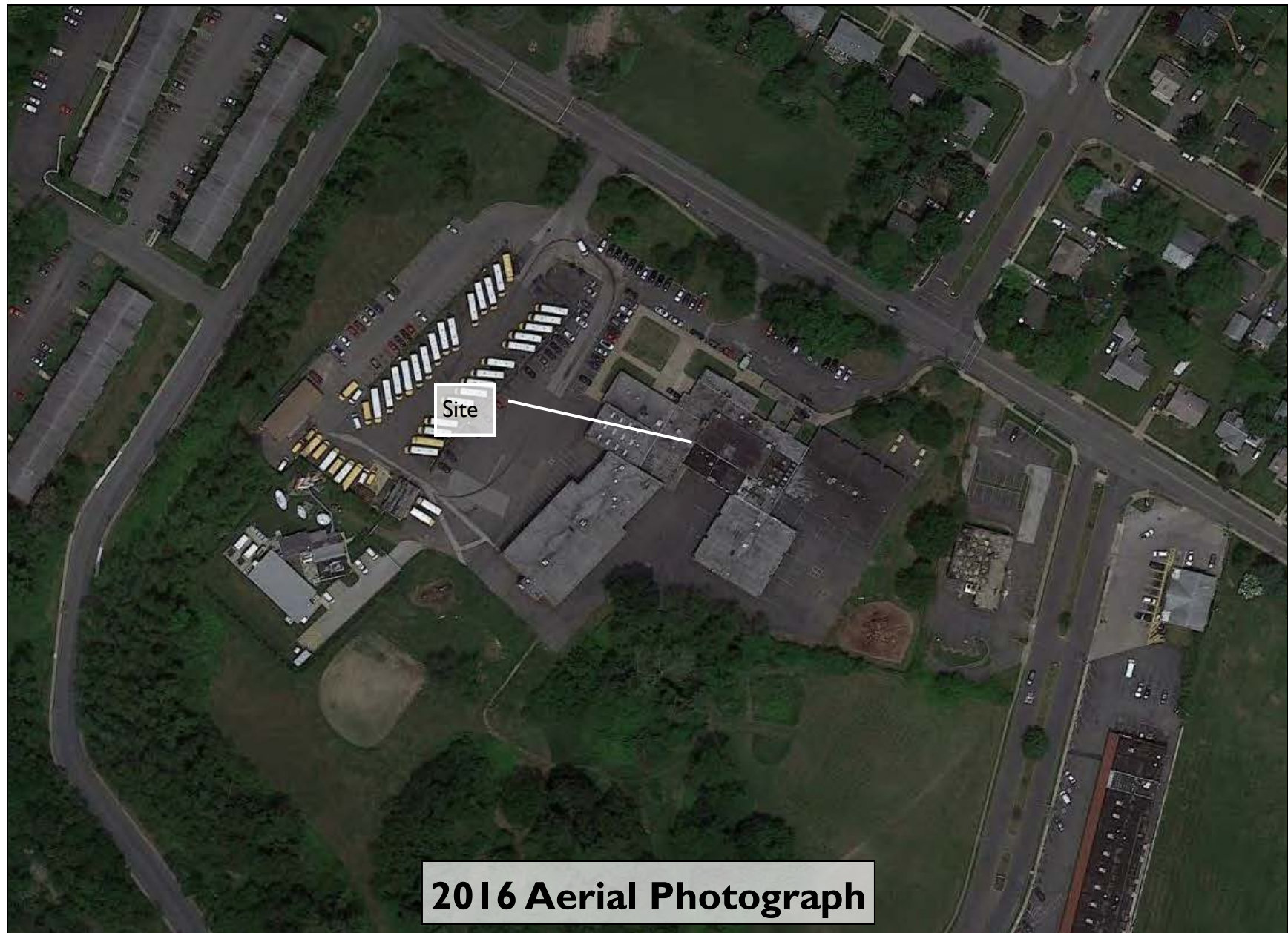






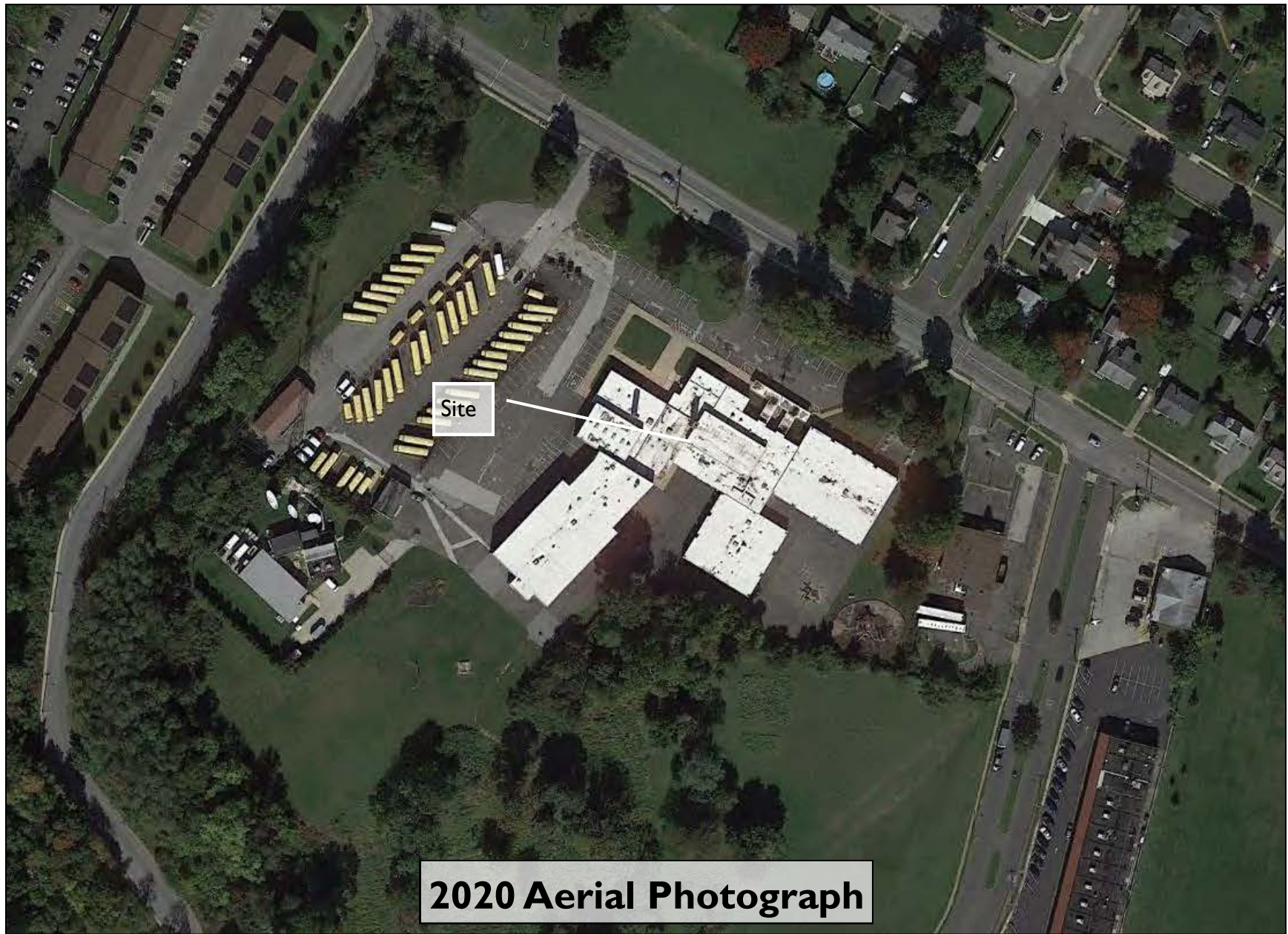
**2011 Aerial Photograph**






**2016 Aerial Photograph**







Toby Farms Elementary  
201 Bridgewater Road  
Brookhaven, PA 19015

Inquiry Number: 6809657.3  
January 05, 2022

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

01/05/22

**Site Name:**

Toby Farms Elementary  
201 Bridgewater Road  
Brookhaven, PA 19015  
EDR Inquiry # 6809657.3

**Client Name:**

Acer Associates LLC  
1012 Industrial Dr  
West Berlin, NJ 08091  
Contact: Kasey Lechner



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Acer Associates LLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** 043B-48B5-882E

**PO #** 20220009

**Project** Toby Farms Elementary

### UNMAPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 043B-48B5-882E

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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## **Appendix H**

### **Research Review and Interview Documentation**



**STANDARD RIGHT-TO-KNOW REQUEST FORM**

**DATE REQUESTED:** 1/6/2022

**REQUEST SUBMITTED BY:** ☐ E-MAIL ☒ U.S. MAIL ☐ FAX ☐ IN-PERSON

**REQUEST SUBMITTED TO (Agency name & address):** Chester Township Fire Department  
2410 Concord Road, Chester, PA 19013-2449

**NAME OF REQUESTER :** Kasey Lechner - Acer Associates, LLC

**STREET ADDRESS:** 1012 Industrial Drive

**CITY/STATE/COUNTY/ZIP(Required):** West Berlin, 08091

**TELEPHONE (Optional):** 856-809-1202 **EMAIL (optional):** kaseylechner@acerassociates.com

**RECORDS REQUESTED:** *\*Provide as much specific detail as possible so the agency can identify the information.  
Please use additional sheets if necessary*

Please see the attached letter

**DO YOU WANT COPIES?** YES or NO <sup>\*Emailed if possible</sup>

**DO YOU WANT TO INSPECT THE RECORDS?** YES or NO

**DO YOU WANT CERTIFIED COPIES OF RECORDS?** YES or NO

**\*\* PLEASE NOTE: RETAIN A COPY OF THIS REQUEST FOR YOUR FILES \*\***  
**\*\* IT IS A REQUIRED DOCUMENT IF YOU WOULD NEED TO FILE AN APPEAL \*\***

---

**FOR AGENCY USE ONLY**

**RIGHT TO KNOW OFFICER:**

**DATE RECEIVED BY THE AGENCY:**

**AGENCY FIVE (5) BUSINESS DAY RESPONSE DUE:**

*\*\*Public bodies may fill anonymous verbal or written requests. If the requestor wishes to pursue the relief and remedies provided for in this Act, the request must be in writing. (Section 702.) Written requests need not include an explanation why information is sought or the intended use of the information unless otherwise required by law. (Section 703.)*



January 6, 2022

Chester Township Fire Department  
2410 Concord Road  
Chester, PA 19013-2449

**RE: Request for Information**

Property Location: 201 Bridgewater Road, Brookhaven, Delaware County, PA 19015  
Property Owner: Chester Upland School District  
Parcel ID #: 07000051301  
ACER Project #: 20220009

To Whom It May Concern:

ACER Associates, LLC (ACER) is conducting an environmental assessment of the above-referenced property.

ACER is requesting information you may have regarding underground storage tank releases, hazardous materials management or spills, groundwater contamination, chemical fires, or any other environmental concerns at the subject site. ACER would also like information on current or former permits/permit applications that you may have on record for the subject site. In particular, ACER would be interested in reviewing permits regarding soil or groundwater contamination management, underground and aboveground storage tanks, and hazardous materials management.

Should you have any questions or require additional information, please feel free to contact me.

Thank You,

Kasey Lechner  
Environmental Scientist  
kaseylechner@acerassociates.com





**STANDARD RIGHT-TO-KNOW REQUEST FORM**

DATE REQUESTED: 1/6/2022

REQUEST SUBMITTED BY: ☐ E-MAIL ☒ U.S. MAIL ☐ FAX ☐ IN-PERSON

REQUEST SUBMITTED TO (Agency name & address): \_\_\_\_\_

Debra Zimmerman - Chester Township Right to Know Officer

NAME OF REQUESTER : Kasey Lechner - Acer Associates, LLC

STREET ADDRESS: 1012 Industrial Drive

CITY/STATE/COUNTY/ZIP(Required): West Berlin, 08091

TELEPHONE (Optional): 856-809-1202 EMAIL (optional): kaseylechner@acerassociates.com

RECORDS REQUESTED: *\*Provide as much specific detail as possible so the agency can identify the information.  
Please use additional sheets if necessary*

Please see the attached letter

DO YOU WANT COPIES? YES or NO <sup>\*Emailed if possible</sup>

DO YOU WANT TO INSPECT THE RECORDS? YES or NO

DO YOU WANT CERTIFIED COPIES OF RECORDS? YES or NO

**\*\* PLEASE NOTE: RETAIN A COPY OF THIS REQUEST FOR YOUR FILES \*\***  
**\*\* IT IS A REQUIRED DOCUMENT IF YOU WOULD NEED TO FILE AN APPEAL \*\***

---

**FOR AGENCY USE ONLY**

RIGHT TO KNOW OFFICER:

DATE RECEIVED BY THE AGENCY:

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January 6, 2022

Debra Zimmerman  
Chester Township Right to Know Officer  
1150 Engle Street  
Chester, PA 19013

**RE: Request for Information**

Property Location: 201 Bridgewater Road, Brookhaven, Delaware County, PA 19015  
Property Owner: Chester Upland School District  
Parcel ID #: 07000051301  
ACER Project #: 20220009

To Whom It May Concern:

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Should you have any questions or require additional information, please feel free to contact me.

Thank You,

Kasey Lechner  
Environmental Scientist  
kaseylechner@acerassociates.com

**OPEN RECORDS OFFICE**  
**County of Delaware**  
**201 W. Front Street, Room 206**  
**Media, PA 19063**  
**(610) 891-4260 – Office**  
**(610) 891-8759 - Fax**

**OPEN RECORDS REQUEST FORM**

**Name of Requester**

(Please print) \_\_\_\_\_  
*Last First MI*

**Signature:** Kathy Lichner **Date:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

*Street/P.O. Box*

\_\_\_\_\_  
*City State Zip Code*

**Telephone Number:** \_\_\_\_\_ **FAX Number:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Please identify each of the documents that are subject to this request. You must identify these documents with sufficient specificity so we may ascertain whether we have these documents and how to locate them.**

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Please check one of the following boxes:

- ☐ I am only requesting access to the documents identified above.
- ☐ I am only requesting a copy of the documents identified above.
- ☐ I am requesting access to the documents identified above **and** a copy of those documents.

If you are requesting a copy of the documents identified above, please check one of the following boxes:

- ☐ I want a paper copy of the documents
- ☐ Other format (please specify): \_\_\_\_\_





January 6, 2022

Anne Coogan  
Delaware County Open Records Officer  
201 W. Front Street, Room 206  
Media, PA 19063

**RE: Request for Information**

Property Location: 201 Bridgewater Road, Brookhaven, Delaware County, PA 19015  
Property Owner: Chester Upland School District  
Parcel ID #: 07000051301  
ACER Project #: 20220009

To Whom It May Concern:

ACER Associates, LLC (ACER) is conducting an environmental assessment of the above-referenced property.

ACER is requesting information you may have regarding underground storage tank releases, hazardous materials management or spills, groundwater contamination, chemical fires, or any other environmental concerns at the subject site. ACER would also like information on current or former permits/permit applications that you may have on record for the subject site. In particular, ACER would be interested in reviewing permits regarding soil or groundwater contamination management, underground and aboveground storage tanks, and hazardous materials management.

Should you have any questions or require additional information, please feel free to contact me.

Thank You,

Kasey Lechner  
Environmental Scientist  
kaseylechner@acerassociates.com



**STANDARD RIGHT-TO-KNOW REQUEST FORM**

**DATE REQUESTED:** 1/6/2022

**REQUEST SUBMITTED BY:** ☐ E-MAIL ☒ U.S. MAIL ☐ FAX ☐ IN-PERSON

**REQUEST SUBMITTED TO (Agency name & address):** Delaware County Health Department  
201 W Front St # G6, Media, PA 19063

**NAME OF REQUESTER :** Kasey Lechner - Acer Associates, LLC

**STREET ADDRESS:** 1012 Industrial Drive

**CITY/STATE/COUNTY/ZIP(Required):** West Berlin, 08091

**TELEPHONE (Optional):** 856-809-1202 **EMAIL (optional):** kaseylechner@acerassociates.com

**RECORDS REQUESTED:** *\*Provide as much specific detail as possible so the agency can identify the information. Please use additional sheets if necessary*

Please see the attached letter

**DO YOU WANT COPIES?** YES or NO <sup>\*Emailed if possible</sup>

**DO YOU WANT TO INSPECT THE RECORDS?** YES or NO

**DO YOU WANT CERTIFIED COPIES OF RECORDS?** YES or NO

**\*\* PLEASE NOTE: RETAIN A COPY OF THIS REQUEST FOR YOUR FILES \*\***  
**\*\* IT IS A REQUIRED DOCUMENT IF YOU WOULD NEED TO FILE AN APPEAL \*\***

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**FOR AGENCY USE ONLY**

**RIGHT TO KNOW OFFICER:**

**DATE RECEIVED BY THE AGENCY:**

**AGENCY FIVE (5) BUSINESS DAY RESPONSE DUE:**

*\*\*Public bodies may fill anonymous verbal or written requests. If the requestor wishes to pursue the relief and remedies provided for in this Act, the request must be in writing. (Section 702.) Written requests need not include an explanation why information is sought or the intended use of the information unless otherwise required by law. (Section 703.)*



# ACER ASSOCIATES, LLC

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January 6, 2022

Delaware county Health Department  
201 W Front St # G6  
Media, PA 19063

**RE: Request for Information**

Property Location: 201 Bridgewater Road, Brookhaven, Delaware County, PA 19015  
Property Owner: Chester Upland School District  
Parcel ID #: 07000051301  
ACER Project #: 20220009

To Whom It May Concern:

ACER Associates, LLC (ACER) is conducting an environmental assessment of the above-referenced property.

ACER is requesting information you may have regarding underground storage tank releases, hazardous materials management or spills, groundwater contamination, chemical fires, or any other environmental concerns at the subject site. ACER would also like information on current or former permits/permit applications that you may have on record for the subject site. In particular, ACER would be interested in reviewing permits regarding soil or groundwater contamination management, underground and aboveground storage tanks, and hazardous materials management.

Should you have any questions or require additional information, please feel free to contact me.

Thank You,

Kasey Lechner  
Environmental Scientist  
kaseylechner@acerassociates.com



**Katrina Odonnell**

---

**From:** donotreply@pa.gov  
**Sent:** Thursday, January 6, 2022 8:22 AM  
**To:** EP, SE Informal Review  
**Subject:** KASEY LECHNER Informal File Review Request  
**Attachments:** Informal File Review - Submitter KASEY LECHNER.html

Please see attached File Review Request.

Please remember to send a confirmation letter within 48 business hours.

Submitter: **KASEY LECHNER**

Email: kaseylechner@acerassociates.com

Site Name	Permit #	Municipality	County
TOBY FARMS ELEMENTARY/201 BRIDGEWATER ROAD		BROOKHAVEN	DELAWARE

**Katrina Odonnell**

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**From:** Daley, Christine <cdaley@pa.gov>  
**Sent:** Thursday, January 6, 2022 1:38 PM  
**To:** Kasey Lechner  
**Subject:** File Review Request  
**Attachments:** KASEY LECHNER Informal File Review Request; Toby Farms Elem School UST.pdf; Toby Farms Elem ONBASE.pdf

Good Afternoon Kasey,

Please see attached file for Toby Farms Elem School, 201 Bridgewater Road, Brookhaven, Delaware County.

Thank You,  
Chris

Christine Daley | Clerical Supervisor II  
Department of Environmental Protection | Southeast Regional Office  
2 East Main Street | Norristown, PA 19401  
Phone: 484.250.5017 | Fax: 484.250.5914  
[www.dep.pa.gov](http://www.dep.pa.gov)



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

September 13, 2019

Ms. LaWanda Richardson  
Chester Upland School District  
232 West 9th Street  
Chester, PA 19013-4246

Re: Storage Tank Program  
Facility ID No. 23-14086  
Incident ID No. 52446 & 53108  
Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township  
Delaware County

Dear Ms. Richardson:

On September 27, 2018, a reportable release of petroleum was confirmed at your above-named facility. This release constitutes a violation of Section 1310 of the Pennsylvania Storage Tank and Spill Prevention Act.

Information submitted to the Department of Environmental Protection (DEP) indicates that the release was addressed according to DEP regulations. If we subsequently obtain additional information which indicates the existence of contamination caused by the conditions on your premises we reserve the right to require additional site characterization and/or remediation. DEP reserves all rights to take any enforcement action in the future.

Sincerely,

A handwritten signature in black ink, appearing to read "Lyle de la Rosa".

Lyle de la Rosa  
Geologic Specialist  
Environmental Cleanup and Brownfields

cc: Delaware County Health Department  
Chester Township  
Mr. Dinkelacker, MEA  
Re 30 (hmw19ecb) 256-2





RECEIVED  
DEP-SEPP  
19 SEP 11 PM 2:55



Tel. (610) 599-5127

www.meaincpa.com

Fax (610) 599-5128

August 19, 2019

Department of Environmental Protection  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401-4915

Attention: Mr. Lyle de la Rosa – Geologic Specialist

**Subject: Investigation of Suspected Release – Piping Sump Air Leak and  
Containment Liquid  
Chester Upland School District – Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township, Delaware County, Pennsylvania  
PADEP Facility I.D. No. 23-14086  
Incident Nos. 52446 and 53108**

Dear Mr. de la Rosa:

Mobile Environmental Analytical, Inc. (MEA) was contracted by the Chester Upland School District to conduct site characterization activities and prepare a Site Characterization Report (SCR) related to two recorded incidents involving the underground storage tank (UST) system present at the Toby Farms Elementary School. Discussion with the Pennsylvania Department of Environmental Protection (PADEP) following the receipt of laboratory analytical results included herein indicated that if analytical results do not indicate that a release has occurred, a full SCR may not be necessary.

The Toby Farms Elementary School is located at 201 Bridgewater Road in Chester Township, Delaware County, Pennsylvania. A figure depicting the location of the facility is included as Figure 1. An aerial photo depicting the approximate property boundary is included as Figure 2. The specific incidents that have occurred at the facility that required additional investigation/site characterization are as follows:

***Incident No. 52446:***

Confirmed on September 27, 2018 by Ferguson & McCann, Inc. while onsite to conduct a release investigation based on a noted influx of water to tank 004 (10,000-gallon gasoline). Ferguson & McCann was contracted to perform a tightness test on tank 004 however, personnel were unable to achieve the required negative pressure required to perform a valid test. It was noted that rubber piping used as vapor and vent piping was so deteriorated that it was allowing water that collected in the tank top sump to enter the UST. Based on the inability to conduct the required testing, a Notice of Contamination (NOC) was submitted. The September 27, 2018 NOC is included as Attachment A.

***Incident No. 53108:***

On April 30, 2019, PADEP was present at the Toby Farms Elementary School facility to conduct a compliance evaluation inspection. During this inspection, approximately 5.25-inches of water was observed in the gasoline tank (tank 004), and liquid was present in the sump servicing tank 005 (10,000-gallon diesel). Documentation regarding this suspected release is included as Attachment B.

This report includes the following figures, tables, and attachments:

***Figures***

- Figure 1 – Site Location Map;
- Figure 2 – Area Map; and,
- Figure 3 – Soil Boring Location Map.

***Attachments***

- Attachment A – September 27, 2018 Notice of Contamination, and October 1, 2018 PADEP Correspondence;
- Attachment B – April 30, 2019 Suspected Release Documentation;
- Attachment C – Soil Boring Logs; and,
- Attachment D – Laboratory Analytical Report for July 23, 2019 Soil Samples.

**SOIL BORINGS**

On July 23, 2019, MEA collected a total of nine characterization soil samples from five direct-push soil borings located in the vicinity of the UST field. The soil samples were analyzed for the PADEP short-list of unleaded gasoline constituents (which includes all constituents present on the diesel short list) including tert-Butyl-Methyl-Ether (MTBE), benzene, toluene, ethyl benzene, total xylenes, cumene, 1,3,5-trimethylbenzene (1,3,5-TMB), 1,2,4-trimethylbenzene (1,2,4-TMB), and naphthalene. These samples were collected to determine if impacts were present to the soil medium following the reported release incidents. A soil boring location map is included as Figure 3.

***Soil Boring Methods***

In order to safely advance soil borings at the site, MEA contacted the Pennsylvania One-Call System (PA 1-Call) to request mark-out of surrounding subsurface utilities. A ground penetrating radar (GPR) survey was conducted to determine the locations of private, unmarked utilities, potential preferential pathways, and the location of UST system components (i.e., product and vent piping). A Vermeer PMD 550 DT vacuum excavator was used to clear soil boring locations (in suspect areas) prior to advancement of soil borings using a Geoprobe® hydraulic drill rig.



Direct-push soil boring samples were collected using Geoprobe® dual-tube sampling equipment. The dual-tube samplers include outer, 5-foot long, 2½-inch diameter steel probe rods fitted with a hardened steel cutting shoe. Inner, one-inch diameter rods fitted to the top of a single-use acetate sleeve are inserted into the outer probe rods, and the paired rod assemblies are driven through the target sample depth interval. The inner rod(s) and the acetate sleeve carrying the recovered sample core are then brought to the surface while the outer rods are left in place. The dual tube sampler can thus be advanced through sequentially deeper sampling intervals while the borehole is preserved from collapse.

The acetate sleeves containing recovered soil cores were split open and each cored interval was screened for VOCs using a properly-calibrated photoionization detector (PID). Soil cores were then logged using the Burmister Soil Classification system. Soil boring logs are included as Attachment C.

### ***Soil Sample Preparation and Analysis***

Soil samples collected during the soil boring investigation were analyzed using USEPA Method 8260B. Soil samples were collected in accordance with the solvent-extraction methodology of USEPA Method 5035. USEPA Method 5035 solvent extraction methodology includes preparation of sample containers with a specific volume of methanol, a stir bar, and a label. The prepared sample containers are weighed prior to sample collection. Before filling the sample container, a dedicated plastic syringe is tare weighed using an electronic field balance and then used to obtain a 5-gram (+ 0.5 g) soil aliquot. The weighed soil sample is then carefully inserted into the sample container, which is subsequently labeled with the sample ID, site name, date, time, and sample weight. An additional aliquot is collected from each sample location/interval for dry weight analysis.

The above described sample preparation methods were followed during the collection of soil samples at the Toby Farms Elementary School facility. Soil samples collected during the July 2019 soil boring investigation were preserved in methanol. Following soil sample collection, sample containers were placed on ice and transported under chain-of-custody protocol by MEA field personnel to MEA's laboratory in Bangor, Pennsylvania.

### ***Rationale for Soil Boring Locations and Sample Depth Intervals***

During the July 23, 2019 soil sampling event, MEA advanced soil borings SB-1 through SB-5 in the locations depicted on Figure 3. These borings were placed to evaluate the soil medium surrounding the UST system. Samples collected during the July 2019 sampling event were analyzed for the PADEP short list of unleaded gasoline constituents. Soil boring SB-1 was advanced northwest of the UST field, SB-2 was advanced southwest of the UST field, SB-3 was advanced southeast of the UST field, SB-4 was advanced east of the gasoline/diesel dispenser, and SB-5 was advanced northeast of the UST field.

Soil borings SB-1, SB-2, SB-3, and SB-5 were advanced at select locations to determine if impacts were present from the USTs, while SB-4 was advanced to a shallower depth to determine if impacts were present from the dispenser. Within each soil boring, a sample was collected at the depth interval approximately 2-feet below the UST invert, and an additional sample was collected above the terminal depth of the boring. In soil boring SB-4, a single sample was collected above the terminal depth of the boring. PID responses and groundwater were not present in any of the soil borings advanced during the July 2019 mobilization.

## **QUALITY ASSURANCE**

### ***Decontamination of Equipment***

The equipment used to collect samples was predominantly new, single-use, disposable equipment, and included acetate sleeves for soil cores, and individually wrapped, plastic syringes for soil sample collection. Select equipment (including dual-tube soil samplers) was used at more than one location in the field. This equipment was decontaminated prior to mobilization and between uses in the field according to the following procedures:

1. Low-phosphate detergent and tap water wash;
2. Tap water rinse;
3. Distilled, deionized water rinse;
4. Methanol (pesticide grade) rinse;
5. Distilled, deionized water rinse;
6. Air dry.

### ***Chain of Custody***

MEA uses standard chain-of-custody forms to maintain a record of sample collection, transfer between personnel, and receipt by the laboratory. These forms are initiated in the field by designated MEA field personnel and accompany samples to the laboratory. Prior to transfer of samples to the laboratory, the chain-of-custody forms are signed and dated by an MEA employee who verifies the samples that are released to the laboratory. Chain-of-custody forms are included with the laboratory analytical reports in the attachments to this report.

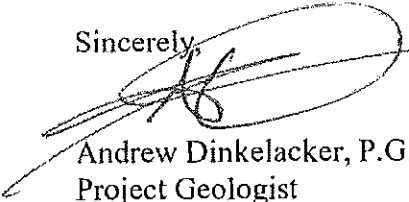
## **SOIL ANALYTICAL RESULTS**

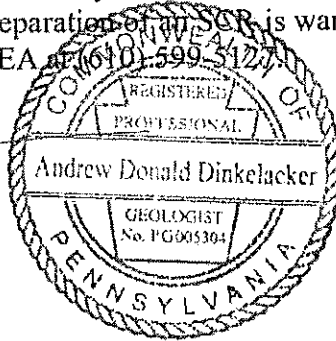
On July 23, 2019 soil samples were collected from locations identified on Figure 3. Analytical results of all collected soil samples revealed no detections of analyzed constituents and the soil investigation was determined to be complete. The laboratory analytical report and chain-of-custody documents for the soil samples are presented in Attachment D.

### CONCLUSIONS AND RECOMMENDATIONS

Based on field observations and laboratory analysis of soil samples, a release to the environment has not occurred. Discussion with PADEP has indicated that if analytical data and circumstances regarding each suspected release indicate that no release has occurred, an SCR is unnecessary. Given these observations and analytical results, MEA does not believe that additional site characterization and the preparation of an SCR is warranted. If you have any questions or concerns please contact MEA at (610) 599-5127.

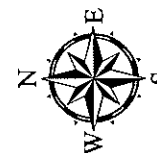
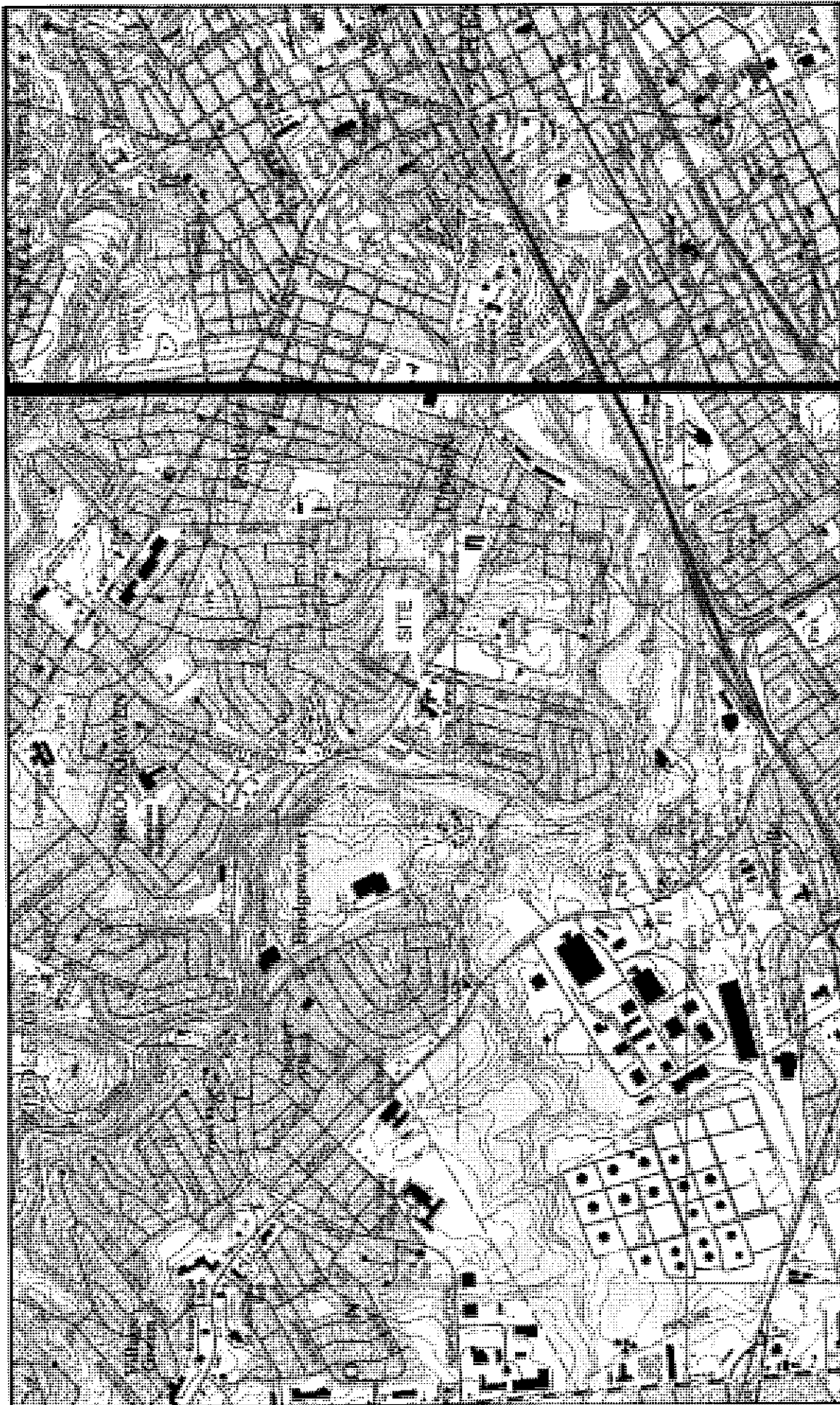
Sincerely,

  
Andrew Dinkelacker, P.G.  
Project Geologist





# **FIGURES**



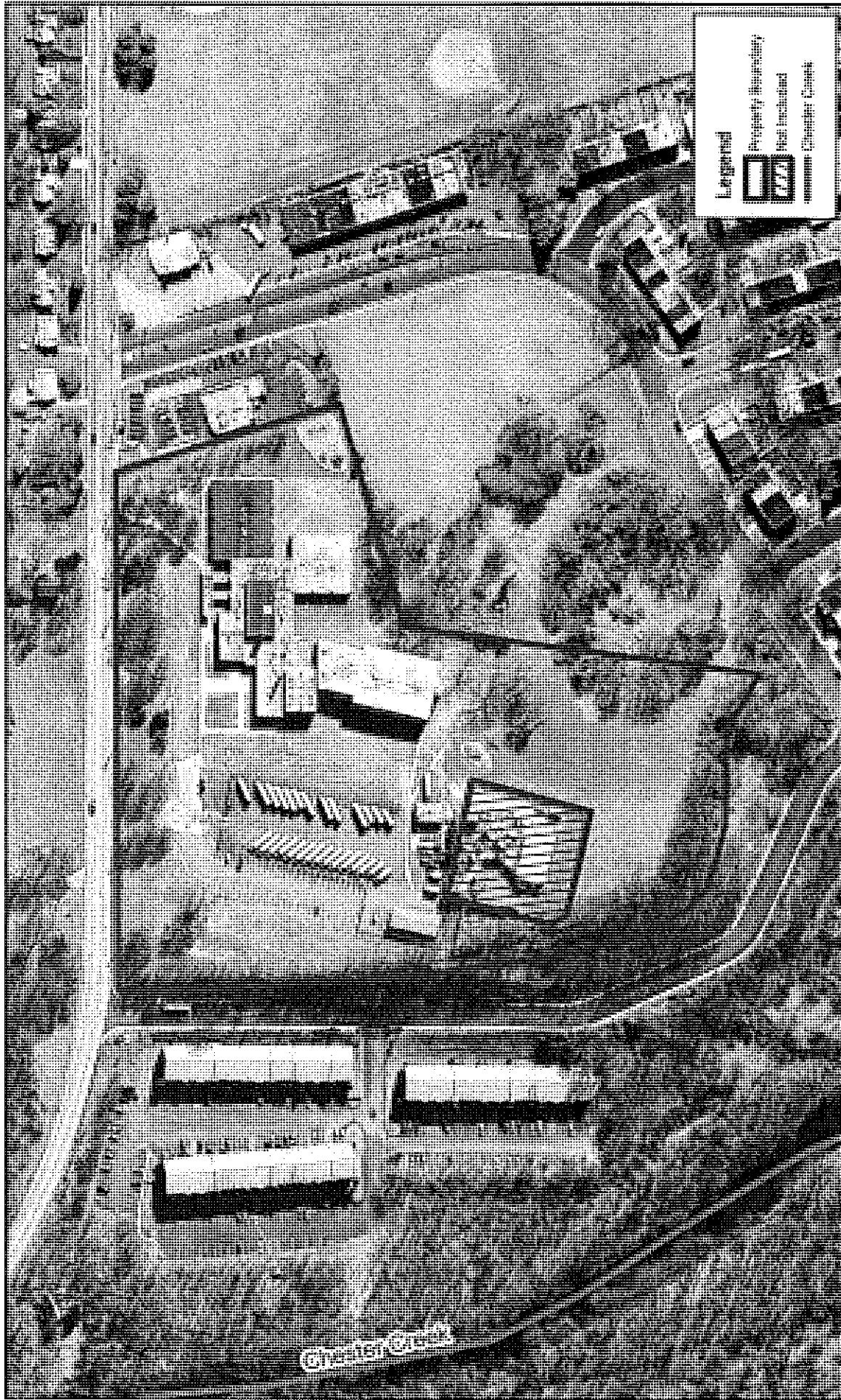
**Figure 1 - Topographic Map**  
 Toby Farms Elementary School  
 Chester Township, Delaware County, PA

U.S. Quadrangle Maps: Marcus Hook & Bridgeport, PA

Source: PASDA

This map was developed using Geographical Information Systems (GIS), Pennsylvania Spatial Data Access (PASDA). This secondary project has not been verified by PASDA and is not state authorized. This map is for visual display purposes only and all locations are approximate.

Scale: 0 500 1,000 2,000 Feet



U.S. Quadrangle Map: Marcus Hook, PA

Source: PASDA

This map was developed using Geographical Information Systems (GIS), Pennsylvania Spatial Data Access (PASDA). This secondary project has not been verified by PASDA and is not state authorized. This map is for visual display purposes only and all locations are approximate.

Scale: 0 50 100 200 Feet

## Figure 2 - Area Map

Toby Farms Elementary School  
Chester Township, Delaware County, PA



**NEA** INC.  
ENVIRONMENTAL SERVICES





		<p><b>Figure 3 - Soil Boring Location Map</b></p> <p>Toby Farms Elementary School Chester Township, Delaware County, PA</p>	<p>U.S. Quadrangle Map: Marcus Hook, PA</p> <p>Source: PASDA</p> <p>This map was developed using Geographical Information Systems (GIS), Pennsylvania Spatial Data Access (PASDA). This secondary project has not been verified by PASDA and is not state authorized. This map is for visual display purposes only and all locations are approximate.</p> <p><b>Scale: 0 12.5 25 50 Feet</b></p>
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# **ATTACHMENT A**

**September 27, 2018 NOC and PADEP Documentation**



October 1, 2018

Ms. Lawanda Richardson  
Chester Upland School District  
232 W. 9<sup>th</sup> Street  
Chester, PA 19013-5837

Re: Storage Tank Program  
Facility ID No. 23-14086  
Incident No. 52446  
Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township  
Delaware County

Dear Ms. Richardson:

The Department of Environmental Protection (DEP) received notification of a reportable release of a regulated substance at the above-named facility that was confirmed on September 27, 2018. This release is a violation of Section 1310 of the Pennsylvania Storage Tank and Spill Prevention Act.

This letter is to advise you that you have certain responsibilities regarding this release under the Corrective Action Process (CAP) regulations in 25 Pa. Code Chapter 245, Subchapter D. You should carefully review these regulations to determine the specific requirements applicable to the release at your facility. The CAP regulations and several helpful fact sheets are available on DEP's website at [www.dep.pa.gov](http://www.dep.pa.gov), keyword "Tank Cleanup." This information can help you address the release quickly and effectively.

Upon confirmation of a release, the CAP regulations require that you immediately implement any necessary interim remedial actions as described in Section 245.306 including: removing regulated substances from leaking tank systems; mitigating fire, explosion and safety hazards; preventing further migration of released substances; and identifying and sampling affected or potentially affected water supplies. Appropriate and timely interim remedial actions can resolve environmental impacts caused by the release or limit their severity, thus making site cleanup easier and less expensive.

A site characterization must also be performed upon confirmation of a release in accordance with Section 245.309 of the CAP regulations. A Site Characterization Report (SCR) detailing the findings of the site characterization must be submitted to this office within 180 days of reporting the release as mandated in Section 245.310. We recommend that you engage the services of an experienced environmental consulting firm, with a Licensed Professional Geologist on staff, to conduct the site characterization and prepare the SCR. Completion of a comprehensive site characterization and submission of a detailed SCR are critical in determining whether additional steps are needed to address the release at your facility.



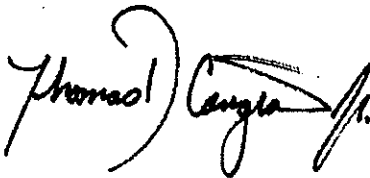
The SCR for this release is due on or before March 26, 2019. Please note that due dates in this letter do not constitute an extension of compliance dates already established for previously reported contamination.

Your SCR must address all the elements of Section 245.310 and be submitted by the deadline listed above. Requests for an extension of the deadline for SCR submittal will only be considered based on valid technical reasons. Requests for an extension must be made in writing to this office at least 30 days before the SCR due date. Your written request must specify the technical reason(s) for the extension and include a new proposed submission date. No extension of the SCR due date will be permitted without written approval from DEP.

Financial assistance for corrective action may be available from the Underground Storage Tank Indemnification Fund (USTIF). You should immediately contact USTIF by calling 717.787.0763 or 800.595.9887 (in PA only) or by email to [ra-ustif@pa.gov](mailto:ra-ustif@pa.gov). Failure to notify USTIF within 60 days after knowledge of a potential claim will result in denial of coverage. You may wish to investigate other potential sources of financial assistance. We recommend that you contact the Pennsylvania Department of Community and Economic Development at 866.466.3972 or visit their website at [www.newpa.com](http://www.newpa.com).

Please forward all documents, reports and written requests to ECB Corrective Action Section, at the address listed on this letter. If you have any questions, please contact Mr. Lyle de la Rosa by email at [ldelarosa@pa.gov](mailto:ldelarosa@pa.gov) or by telephone at 484.250.5790.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas D. Canigiani, Jr.", with a stylized flourish at the end.

Thomas D. Canigiani, Jr.  
Water Quality Specialist Supervisor  
Environmental Cleanup and Brownfields

cc: Chester Township  
Mr. Richard Burgan, USTIF  
Mr. Lyle de la Rosa  
Re 30 lb

[illegible]

<b>NOTIFICATION OF REPORTABLE RELEASE (Owners and Operators)</b>		<input checked="checked" type="checkbox"/> Initial <input type="checkbox"/> Follow-Up			
<b>NOTIFICATION OF CONTAMINATION (Certified Installers and Inspectors)</b>					
<p><b>NOTIFICATION OF REPORTABLE RELEASE (Owners and Operators)</b></p> <p>The Storage Tank Program's Corrective Action Process (CAP) regulations establish release reporting requirements for owners and operators of storage tanks and storage tank facilities.</p> <p>Subsection 245.305(a) of the regulations requires owners or operators to notify the appropriate regional office of the Department as soon as practicable, but no later than 24 hours after the confirmation of a reportable release.</p> <p>Subsection 245.305(d) requires owners or operators to provide an initial written notification to the Department, each municipality in which the reportable release occurred, and each municipality where that release has impacted environmental media or water supplies, buildings, or sewer or other utility lines, within 15 days of the notice required by subsection 245.305(a).</p> <p>Subsection 245.305(e) requires owners or operators to provide follow-up written notification to the Department and to each impacted municipality of new impacts to environmental media or water supplies, buildings, or sewer or other utility lines discovered after the initial written notification required by subsection 245.305(d). Written notification is to be made within 15 days of the discovery of the new impact.</p> <p>This form may be used to comply with subsections 245.305(d) and (e).</p> <p style="text-align: center;"><b>OWNERS AND OPERATORS (O/O)</b></p> <p><b>INDICATE IF THIS IS AN INITIAL OR FOLLOW-UP NOTIFICATION BY MARKING THE APPROPRIATE BOX FOUND IN THE TOP RIGHT-HAND CORNER OF THIS FORM. PLEASE COMPLETE ALL INFORMATION IN SECTIONS I, II, IIIA, IIIB, IV, V, VII and VIII.</b></p>	<p><b>NOTIFICATION OF CONTAMINATION (Certified Installers and Inspectors)</b></p> <p>The Storage Tank Program's Certification regulations establish standards of performance for certified installers and inspectors of storage tanks and storage tank facilities.</p> <p>Subsection 245.132(a)(4) of the regulations requires certified installers and inspectors to report to the Department a release of a regulated substance or confirmed or suspected contamination of soil, surface or groundwater from regulated substances observed while performing services as a certified installer or inspector.</p> <p>This form may be used to comply with subsection 245.132(a)(4). Subsection 245.132(a)(4) requires submission of the form within 48 hours of observing suspected or confirmed contamination. Where there is a reportable release, the form may be submitted jointly by the owner, operator, certified installer and certified inspector. In this instance, the form must be received by the appropriate regional office within 15 days of the notice required by subsection 245.305(a).</p> <p style="text-align: center;"><b>CERTIFIED INSTALLERS AND INSPECTORS (I/I)</b></p> <p><b>PLEASE COMPLETE ALL INFORMATION IN SECTIONS I, II, IIIA, IIIC, VI, VII and VIII.</b></p>				
<b>INSTRUCTIONS</b>					
<p>I. <b>FACILITY INFORMATION</b> - Record the name, I.D. number and physical location (not P.O. Box) of the facility at which a reportable release has been confirmed or at which suspected or confirmed contamination has been observed. Include the name and phone number of a person to contact at the facility.</p> <p>II. <b>OWNER/OPERATOR INFORMATION</b> - Record the name, business address and telephone number of the owner of the facility identified in Section I. Also, record the name and telephone number of the operator of the facility.</p> <p>III. <b>REGULATED SUBSTANCE INFORMATION</b> - Indicate to the best of your knowledge: A) the type of product or products involved; B) the quantity of product or products released; and C) whether the contamination is suspected or confirmed.</p> <p>IV. <b>REPORTABLE RELEASE INFORMATION</b> - Record the date of confirmation of the reportable release, e.g., "9/18/01"; the date and regional office notified; and the date the local municipality(ies) [provide name of municipality(ies)] was/were sent a copy of this form. Indicate to the best of your knowledge the source/cause of the release, how the release was discovered and the environmental media affected and impacts.</p> <p>V. <b>INTERIM REMEDIAL ACTIONS</b> - Indicate the interim remedial actions planned, initiated or completed.</p> <p>VI. <b>SUSPECTED/CONFIRMED CONTAMINATION INFORMATION</b> - Record the date of observation of the suspected or confirmed contamination, e.g., "11/24/01". Indicate to the best of your knowledge the indications of a suspected release or extent of confirmed contamination resulting from the release of the regulated substance.</p> <p>VII. <b>ADDITIONAL INFORMATION</b> - Provide any additional, relevant, available information concerning the reportable release or suspected or confirmed contamination. Include in this section specific details or problems about the release. For example, if the piping was the source of the release and the cause was corrosion of a metal connector or flexible connector, it is important to include that information here. Use additional 8 1/2" x 11" sheets of paper, if necessary.</p> <p>VIII. <b>CERTIFICATION</b> - Please print your name, and provide your signature and date of signature. If a certified installer/inspector, provide certification number and company certification number.</p> <p>IX. <b>ATTACHMENT</b> - If a certified installer/inspector, provide a copy of failed valid tightness test(s), if applicable.</p> <p style="text-align: center;"><b>PLEASE SEND COMPLETED ORIGINAL FORM TO:</b>          PA Department of Environmental Protection          Environmental Cleanup and Brownfields Program          Storage Tank Section          (and the appropriate address below,          depending on where the FACILITY is located)</p>					
Southeast Region 2 East Main Street Norristown, PA 19401 PHONE: 484-250-5900 FAX: 484-250-5961  <b>Counties</b> Bucks, Chester, Delaware, Montgomery, Philadelphia	Northeast Region 2 Public Square Wilkes-Barre, PA 18711-1915 PHONE: 570-826-2511 FAX: 570-820-4907  <b>Counties</b> Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne, Wyoming	South-central Region 909 Elmerton Avenue Harrisburg, PA 17110 PHONE: 866-825-0208 FAX: 717-705-4830  <b>Counties</b> Adams, Bedford, Berks, Blair, Cum- berland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, York	North-central Region 208 W. Third Street, Suite 101 Williamsport, PA 17701 PHONE: 570-321-6525/327-3636 FAX: 570-327-3420  <b>Counties</b> Bradford, Cameron, Centre, Clinton, Clearfield, Columbia, Lycoming, Mifflin, Northumberland, Potter, Snyder, Sullivan, Tioga, Union	Southwest Region 400 Waterfront Drive Pittsburgh, PA 15222 PHONE: 412-442-4091/4000 FAX: 412-442-4328  <b>Counties</b> Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, Westmoreland	Northwest Region 230 Chestnut Street Meadville, PA 16335-3481 PHONE: 814-332-6945 800-373-3398 FAX: 814-332-6121  <b>Counties</b> Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, Warren



**V. INTERIM REMEDIAL ACTIONS (O/O Only)**(Mark All That Apply ☒):

	Planned	Initiated	Completed	Not Applicable
Regulated Substance Removed from Storage Tanks .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire, Explosion and Safety Hazards Mitigated .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contaminated Soil Excavated .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Free Product Recovered .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Supplies Identified and Sampled .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporary Water Supplies Provided .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Specify) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**VI. SUSPECTED / CONFIRMED CONTAMINATION INFORMATION (I/I Only)**Date of Observation of Suspected/Confirmed Contamination: 09 / 27 / 2018  
m d yIndication of Suspected Contamination (Mark All That Apply ☒):

- Unusual Level of Vapors ..... ☐
- Erratic Behavior of Product Dispensing Equipment ..... ☐
- Release Detection Results Indicate a Release ..... ☐
- Discovery of Holes in the Storage Tank ..... ☐
- Other (Specify) Water in tank ..... ☐

Extent of Confirmed Contamination (Mark All That Apply ☒):

- Product Stained or Product Saturated Soil or Backfill ..... ☐
- Ponded Product ..... ☐
- Free Product or Sheen on Ponded Water ..... ☐
- Free Product or Sheen on the Ground Water Surface ..... ☐
- Free Product or Sheen on Surface Water ..... ☐
- Other (Specify) Failed tank tightness test (Ullage) ..... ☒

**VII. ADDITIONAL INFORMATION (Both O/O and I/I)**

Provide any additional, relevant, available information concerning the reportable release or suspected or confirmed contamination. Include specific details or problems about the release. For example, if the piping was the source of the release and the cause was corrosion of a metal connector or flexible connector, it is important to include that information here. Provide DEP-assigned and owner/operator-assigned tank number(s), where applicable. Use additional 8½" x 11" sheets of paper, if necessary.

As part of a release investigation initiated by the influx of water in the tank, a tank tightness was performed.

In the attempt to perform the tank tightness, I was unable to achieve the prescribed negative test pressure to perform a valid test due to a large air leak inside the piping sump. Upon further investigation it was noted that the rubber hose piping used for the vapor and vent piping has deteriorated so badly that it is coming apart and allowing the water that is in the piping sump to enter the tank. I was unable to isolate the piping at this time to continue the test because of the corroded condition of the piping fittings.

I am unable to make an accurate evaluation of the tank at this time. The piping will have to be isolated from the tank before testing can be continued.

It appears the water entered the tank through the vapor and vent piping inside the piping sump, but it cannot be assumed that is the only problem without a valid passing tightness test.

## VIII. CERTIFICATION (Both O/O and I/I)

I, \_\_\_\_\_, hereby certify, under penalty of law as provided in 18 Pa.  
(Print Name)

C.S.A. §4904 (relating to unsworn falsification to authorities) that I am the owner or operator of the above referenced storage tank facility and that the information provided by me in this notification is true, accurate and complete to the best of my knowledge and belief.

\_\_\_\_\_  
Signature of Owner or Operator

\_\_\_\_\_  
Date

I, \_\_\_\_\_, hereby certify, under penalty of law as provided in 18 Pa.  
(Print Name)

C.S.A. §4904 (relating to unsworn falsification to authorities) that I am the certified installer who performed tank handling activities at the above referenced storage tank facility and that the information provided by me in this notification is true, accurate and complete to the best of my knowledge and belief.

\_\_\_\_\_  
Signature of Certified Installer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Installer Certification Number

\_\_\_\_\_  
Company Certification Number

I, Ed Guckin, hereby certify, under penalty of law as provided in 18 Pa.  
(Print Name)

C.S.A. §4904 (relating to unsworn falsification to authorities) that I am the certified inspector who performed inspection activities at the above referenced storage tank facility and that the information provided by me in this notification is true, accurate and complete to the best of my knowledge and belief.

  
\_\_\_\_\_  
Signature of Certified Inspector

\_\_\_\_\_  
09 / 27 / 2018  
Date

\_\_\_\_\_  
2552  
Inspector Certification Number

\_\_\_\_\_  
307  
Company Certification Number

(610) 459-7727

Fax (610) 459-9770

**FERGUSON & McCANN, Inc.**  
**MECHANICAL CONTRACTORS**  
SERVICE STATION EQUIPMENT  
INSTALLED. SERVICED. REMOVED  
EXCAVATING EQUIPMENT RENTALS  
270 Bodley Road Aston, PA 19014  
Established 1933

September 27, 2018

Chester Upland School District  
1720 Melrose Ave  
Chester, PA 19013

Dear Sirs:

Tank tightness testing was performed at the below location:

Toby Farms Elementary School  
201 Bridgewater Road  
Chester, PA 19015

The results are as follows:

Tank 004 – a 10,000 gallon gasoline tank FAILED the tank tightness test. The indication is a large air leak inside the piping sump, believed to be caused by the deteriorated rubber piping used for the vapor and vent piping.

An accurate evaluation of the tank cannot be achieved until the piping can be isolated from the tank. The deteriorated condition of the piping and piping fittings is serious concern and needs to be addressed.

A "Notice of Contamination" has been submitted to the PADEP as required with a failed tightness. This is not confirmation that contamination has or has not occurred, but is possible because the tank system is not "Tight"

See Attachments for test data

Sincerely,



Ed Guckin  
PADEP # 2552



## PRESSURE CALCULATION &amp; WATER SENSOR CALIBRATION

Test Date

9/27/2018

## FINAL REPORT

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

Location Toby Farms Elementary Sch.

Address 201 Bridgewater Road

City/State/Zip Chester, PA 19015

Location Contact Sharon

Location Phone 215-280-5779

TOTAL TANK VOL. 10000

PRODUCT VOL. 4527

ULLAGE VOL. 5473

PRODUCT TYPE Gasoline

FACILITY ID # 23-14086

TANK # Tank 004

Depth of Groundwater Determined:

By: monitoring well

Where: In tank field

## THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

## TIGHT TANK

THIS UNDERGROUND STORAGE TANK PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.

X

## ULLAGE (DRY) PORTION OF LEAK. UNABLE TO ACHIEVE PRESCRIBED TEST PRESSURE

THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

UNABLE TO EVALUATE TANK DUE TO LARGE AIR LEAK INSIDE THE PIPING SUMP.

## BELOW PRODUCT LEVEL (WET) PORTION LEAK

THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

## WATER SENSOR INDICATES:

(CHECK ONLY ONE)

No Water Intrusion

Water Intrusion

Not Applicable

X

## Operator Information

Print Name Ed Guckin

Certification # 46-6037

Sign Name *Ed Guckin*

Expiration Date: 06/2020

Testing Firm Ferguson &amp; McCann Inc.

Telephone # 610-459-7727

Address 270 Bodley Road

PADEP Cert. # 2552

Aston, PA 19014

NEW YORK STATE REQUIREMENT: A DIAGRAM OF THE TANK SYSTEM MUST BE SUBMITTED TO THE STATE WITH THIS REPORT

## EQUIPMENT SERIAL NUMBERS AND CALIBRATION EXPIRATION DATES:

	Serial Number	Calibration Expiration Date
IN-TANK MICROPHONE	M1701013 or M1744002	06/2019
ACOUSTIC SIGNAL PROCESSOR	E8011003 or E1732004	06/2019
PRESSURE SENSOR	71202808 or 70950508	06/2019
WATER SENSOR DISPLAY	D0810109 or D1032602	06/2019
WATER SENSOR PROBE	P089907 or P089913	06/2019

# PRESSURE CALCULATION & WATER SENSOR CALIBRATION

Test Date 9/27/2018

## DATA SHEET

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

Location Toby Farms Elementary Sch.

Address 201 Bridgewater Road

City/State/Zip Chester, PA 19015

Location Contact Sharon

Location Phone 215-280-5779

Depth of Groundwater Determined:

By: monitoring well

Where: In tank field

TOTAL TANK VOL. 10,000

PRODUCT VOL. 4527

ULLAGE VOL. 5473

PRODUCT TYPE Gasoline

TANK CONSTRUCTION D/W Steel

TANK # Tank 004

## PRESSURE SENSOR CALCULATION

44.00	x	0.026	=	1.144	PSI (1)
INCHES OF PRODUCT		WEIGHT OF PRODUCT			
2.50	x	.036	=	0.090	PSI (2)
INCHES OF WATER IN TANK					
Line 1 + Line 2 = Total Positive Head Pressure In Tank			=	1.234	PSI (3)
0.0	x	.036	=	0.000	PSI (4)
INCHES OF WATER OUTSIDE TANK					
Total Head Pressure Minus Outside Water Pressure			=	1.234	+/- PSI (5)
Always add .5 PSI			+	1.734	PSI (6)
NOTE: If Line 6 Is Less Than .5 PSI Line 7 Shall be .5 PSI					
TEST PRESSURE			=	1.734	+/- PSI (7)

## ACOUSTIC TEST TIME

Equipment Calibration due date and serial numbers

	Time	Pressure		Serial Number	Calibration Due Date
Baseline Background:	9:10 AM	0.0			
Blower Started:	9:13 AM	0.0	In-Tank Microphone	M1701013	06/2019
Test Pressure Reached:	9:38 AM	N/A	Acoustic Signal Processor	E8011003	06/2019
UNABLE TO REACH TEST PRESSURE			Pressure Sensor	71202808	06/2019
TEST ABORTED DUE TO MAJOR AIR LEAK IN			Water Sensor Display	D0810109	06/2019
VAPOR AND VENT PIPING INSIDE SUMP.			Water Sensor Probe	P089907	06/2019

## WATER SENSOR CALIBRATION

Added:

Average:

Calculation for Test Period:

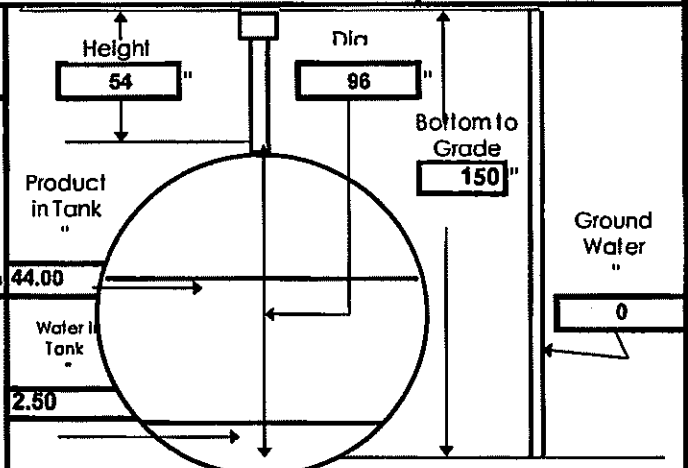
+ 3780 = +.05 x 60 = 0 minutes

Avg. Cal. "A" Factor

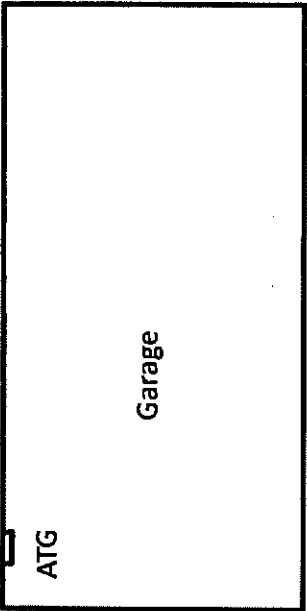
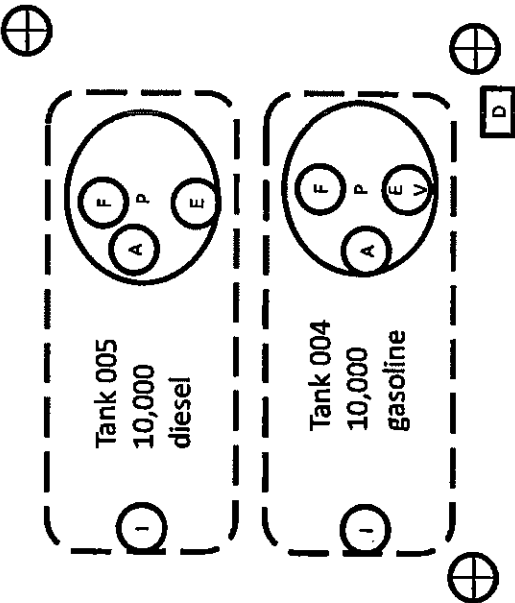
Water Intrusion Test Period

Began: N/A

Ended: N/A



#23- 14086 Toby Farms Elementary School 201 Bridgewater Road 19015



Legend	
D	Dispenser
I	Interstitial
A	ATG
P	Piping Sump
E	Extractor Valve
M	Manway
V	Vapor Pickup
M	Monitoring Well
S	Submersible Pump
F	Fill

## **ATTACHMENT B**

April 30, 2019 Suspected Release Documentation



**From:** [David Everitt](#)  
**To:** "Tina Andresen"  
**Cc:** [adinkelacker@meaincpa.com](mailto:adinkelacker@meaincpa.com)  
**Subject:** FW: Toby Farms (23-14086)  
**Date:** Wednesday, July 17, 2019 7:23:41 AM  
**Attachments:** [23-14086 Toby Farms Elem Sch.pdf](#)

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For the file

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**From:** Mark Ellis [<mailto:mellis@meaincpa.com>]  
**Sent:** Wednesday, July 17, 2019 7:20 AM  
**To:** 'David Everitt'  
**Subject:** FW: Toby Farms (23-14086)

fyi

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**From:** DeLaRosa, Lyle A [<mailto:ldelarosa@pa.gov>]  
**Sent:** Tuesday, June 04, 2019 2:12 PM  
**To:** [mellis@meaincpa.com](mailto:mellis@meaincpa.com)  
**Subject:** Toby Farms (23-14086)

Hi Mark,

As we discussed over the phone please find attached the incident report and tank test documents for the site mentioned above.

Also, below is the information pertaining to the USTIF claim.

Have a nice day,

**Lyle A. de la Rosa** | Geologic Specialist  
Department of Environmental Protection | Southeast Regional Office  
2 East Main Street | Norristown, PA 19401  
Phone: 484.250.5790 | Fax: 484.250.5961  
[www.dep.pa.gov](http://www.dep.pa.gov)

**PRIVILEGED AND CONFIDENTIAL COMMUNICATION**

*The information transmitted is intended only for the person or entity to whom it is addressed and may contain confidential and/or privileged material. Any use of this information other than by the intended recipient is prohibited. If you receive this message in error, please send a reply e-mail to the sender and delete the material from any and all computers. Unintended transmissions shall not constitute waiver of the attorney-client or any other privilege.*

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**From:** Bufo, Lisa  
**Sent:** Monday, June 3, 2019 8:59 AM  
**To:** DeLaRosa, Lyle A <[ldelarosa@pa.gov](mailto:ldelarosa@pa.gov)>  
**Subject:** FW: UST Claim Transmission Report - 20190103

USTIF Claim for:

Facility ID No.: 23-14086  
Facility Name: TOBY FARMS ELEM SCH  
Incident No.: 53108

**From:** [ra-in-fbsclaims@pa.gov](mailto:ra-in-fbsclaims@pa.gov) <[ra-in-fbsclaims@pa.gov](mailto:ra-in-fbsclaims@pa.gov)>

**Sent:** Friday, May 31, 2019 3:28 PM

**To:** [Kerry.youndt@fms.icfwebservices.com](mailto:Kerry.youndt@fms.icfwebservices.com); [Belinda.wilson@fms.icfwebservices.com](mailto:Belinda.wilson@fms.icfwebservices.com);  
[Debra.cassel@fms.icfwebservices.com](mailto:Debra.cassel@fms.icfwebservices.com); [Kevin.burke@fms.icfwebservices.com](mailto:Kevin.burke@fms.icfwebservices.com);  
[Linda.crabb@fms.icfwebservices.com](mailto:Linda.crabb@fms.icfwebservices.com); [Christine.watts@fms.icfwebservices.com](mailto:Christine.watts@fms.icfwebservices.com); Isabella, Teresa  
<[tisabella@pa.gov](mailto:tisabella@pa.gov)>

**Cc:** Steiner, Amy <[asteiner@pa.gov](mailto:asteiner@pa.gov)>; Shiffer, Kris <[kshiffer@pa.gov](mailto:kshiffer@pa.gov)>; Lingle, Eric <[elingle@pa.gov](mailto:elingle@pa.gov)>;  
Slack, Timothy <[tislack@pa.gov](mailto:tislack@pa.gov)>; [ICF-USTIF@fms.icfwebservices.com](mailto:ICF-USTIF@fms.icfwebservices.com); Canigiani, Thomas  
<[tcanigiani@pa.gov](mailto:tcanigiani@pa.gov)>; [ICF-USTIF@fms.icfwebservices.com](mailto:ICF-USTIF@fms.icfwebservices.com); IN, FBS Claims <[RA-IN-FBSCLAIMS@pa.gov](mailto:RA-IN-FBSCLAIMS@pa.gov)>

**Subject:** UST Claim Transmission Report - 20190103

**USTIF Claim Number:** 20190103 **Claim Type:** UST **Status:** Open Pending

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**Facility:** 23-14086 - (eFACTS ID: 590912)

Toby Farms Elem Sch  
201 Bridgewater Rd  
Delaware (code: 23)  
Chester, PA 19015-2113

**Phone:**    **Email:**

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**Owner:** 10977 - (eFACTS ID: 164168) **EIN ID:** 231876394

Chester Upland Sch Dist  
1720 Melrose Ave  
Chester, PA 19013-5837

**Phone:** (610) 447-3600

**Email:**

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**Dates and Release Info:**

**Date/Time Claim Received:** 05/31/2019

**Date of Release Discovery:** 04/30/2019

**Location of Release:**

**Tank:** X

**Piping/Lines:**

**Dispenser:**

**Overfill:**

**Unknown:**

**Other:**

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**Description/Cause of Release:** DEP performed an FOI, they found 5.25" of water in the gasoline tank and in tank # 5 diesel found liquid in the sump.

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**Clean Up Activities:** Ferguson and McCann removed the water from both.

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**Offsite Impact:** no,

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**Any other Applicable Insurance Policies in Effect?** no

**Other Applicable Insurer Name:**

**Policy Number:**

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**Comments:** FOI performed by DEP. Owner did not hire a consultant yet, DEP is requiring a SCR to be performed. Will need to verify through put fee. Capacity fees are showing as paid for 2019

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**Fund Evaluator:** Teresa Isabella

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**Prior Claims At Facility:**

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**Tanks:**

Tank ID	Seq #	Capacity	Substance
116707	005	10,000	Diesel Fuel
119839	004	10,000	Gasoline
23057	003	8,000	Gasoline
23056	002	8,000	Heating Oil
23055	001	8,000	Heating Oil

**Tanks Involved in Release::**

Tank ID	Seq #	Capacity	Substance
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**Distributors:**

Distributor ID	Name	Status
31531	Petroleum Traders Corp	P
34725	Papco	P

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**Contacts:**

**Owner Contact:**

Lawanda Richardson

**Environmental Consultant Contact:**

Chester Upland Sd

232 W. 9th St.

Chester, PA19013

Phone: (610) 499-1867

Email: lking-

richardson@chesteruplandsd.org

Phone:

Email:

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**Claim Origination:**

**Reported by:** Lawanda Richardson

**Processed by:** Sandy Frye



# **ATTACHMENT C**

## **Soil Boring Logs**

MEA Inc. SOIL BORING LOG						
Project Name		Toby Farms Elementary School		Boring No.		SB-1
Location		201 Bridgewater Rd, Brookhaven, PA		Surface Elev.		99 ft (est.)      Depth
Date Drilled		23 Jul 19		Boring Method		MC-5 Dual Tube
Drilling Co.		MEA, Inc.		Completion Depth		20.0 ft bgs
Drill Foreman		Andy Schoemaker		Job No.		
Logged By		Andrew Dinklelacker				
Depth (feet)	Sample No.	Sample Type*	Sample Interval (bgs)	% Rec.	Soil Classification	Comments
0		AS	0' - 0.5'	60%	Asphalt/Grv	PID: 0.0 ppm throughout
1			0.5' - 2.5'		Brn/Tan/Red Silt/Clay, tr f-m sand	No moisture observed
2			2.5' - 14.5'		Tan/Brn Micaceous Silt, sm sand	
3						
4		AS		80%		
5						
6						
7						
8		AS		80%		
9						
10						
11						
12						
13						
14						
15		AS	14.5' - 20'	80%	Gry f Sand, sm silt	SB-1 (13.5' - 14.5')
16						
17						
18						
19						SB-1 (19' - 20')
20					Terminate at 20' bgs	
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

* Sample type:	SS-Split Spoon ST-Shelby Tube	RC-Rock Core AS-Acetate Sleeve	CT-Cuttings
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# **MEA Inc. SOIL BORING LOG**

<b>Project Name</b>		Toby Farms Elementary School		<b>Boring No.</b>		SB-2	
<b>Location</b>		201 Bridgewater Rd, Brookhaven, PA		<b>Surface Elev.</b>		99 ft (est.)	
<b>Date Drilled</b>		23 Jul 19		<b>Boring Method</b>		MC-5 Dual Tube	
<b>Drilling Co.</b>		MEA, Inc.		<b>Completion Depth</b>		19.5 ft bgs	
<b>Drill Foreman</b>		Andy Schoemaker		<b>Job No.</b>			
<b>Logged By</b>		Andrew Dinklelacker					
<b>Depth (feet)</b>	<b>Sample No.</b>	<b>Sample Type*</b>	<b>Sample Interval (bgs)</b>	<b>% Rec.</b>	<b>Soil Classification</b>		<b>Comments</b>
0			0 - 5'		Cleared		PID: 0.0 ppm throughout No moisture observed
5		AS	5' - 9'	70%	Brn/Tan/Red Micaceous silt, sm sand		
10		AS	9' - 14'	85%	Tan/Gry Micaceous silt, sm sand		
15		AS	14' - 15' 15' - 19.5'	90%	Org/Tan Micaceous silt, sm sand Gry/Tan Micaceous silt, sm f sand		SB-2 (13' - 14')
20					Terminate at 19.5' bgs		SB-2 (18.5' - 19.5')
25							
30							
35							

\* Sample type:    SS-Split Spoon                      RC-Rock Core                      CT-Cuttings  
                          ST-Shelby Tube                      AS-Acetate Sleeve

# **MEA Inc. SOIL BORING LOG**

<b>Project Name</b>		Toby Farms Elementary School		<b>Boring No.</b>		SB-3	
<b>Location</b>		201 Bridgewater Rd, Brookhaven, PA		<b>Surface Elev.</b>		99 ft (est.)	
<b>Date Drilled</b>		23 Jul 19		<b>Boring Method</b>		MC-5 Dual Tube	
<b>Drilling Co.</b>		MEA, Inc.		<b>Completion Depth</b>		20.0 ft bgs	
<b>Drill Foreman</b>		Andy Schoemaker		<b>Job No.</b>			
<b>Logged By</b>		Andrew Dinkelacker					
Depth (feet)	Sample No.	Sample Type*	Sample Interval (bgs)	% Rec.	Soil Classification	Comments	
5		AS	0' - 0.5'	40%	Asphalt/Grv	PID: 0.0 ppm throughout No moisture observed	
			0.5' - 3.5'		Brn/Tan/Red Silt/clay, tr. f-m sand		
			3.5' - 5.5'		Org/Red Silt/clay, sm. f-c sand and f grvl.		
		AS	5.5' - 14.5'	40%	Tan/Brn Micaceous Silt, tr. vf sand		
10		AS		75%		SB-3 (13.5' - 14.5')	
15		AS	14.5' - 20'	95%	Gry f-m Sand, sm. silt.		
20					Terminated at 20' bgs		SB-3 (19' - 20')
25							
30							
35							

\* Sample type:    SS-Split Spoon                      RC-Rock Core                      CT-Cuttings  
                          ST-Shelby Tube                      AS-Acetate Sleeve



## MEA Inc. SOIL BORING LOG

<b>Project Name</b>			<b>Toby Farms Elementary School</b>			<b>Boring No.</b>		<b>SB-4</b>	
<b>Location</b>			<b>201 Bridgewater Rd, Brookhaven, PA</b>			<b>Surface Elev.</b>		<b>99 ft (est.)</b>	
<b>Date Drilled</b>			<b>23 Jul 19</b>			<b>Boring Method</b>		<b>MC-5 Dual Tube</b>	
<b>Drilling Co.</b>			<b>MEA, Inc.</b>			<b>Completion Depth</b>		<b>10.0 ft bgs</b>	
<b>Drill Foreman</b>			<b>Andy Schoemaker</b>			<b>Job No.</b>			
<b>Logged By</b>			<b>Andrew Dinklelacker</b>						
<b>Depth (feet)</b>	<b>Sample No.</b>	<b>Sample Type*</b>	<b>Sample Interval (bgs)</b>	<b>% Rec.</b>	<b>Soil Classification</b>				<b>Comments</b>
			0' - 4'		Cleared				PID: 0.0 ppm throughout No moisture observed
5		AS	4' - 5'	50%	Brn/Tan/Red Silt/Clay, sm. f-m sand				
		AS	5' - 10'	90%	Gry Sand and f grv				
10					Terminated at 10' bgs				SB-4 (9' - 10')
15									
20									
25									
30									
35									

## CT-Cuttings

# **MEA Inc. SOIL BORING LOG**

Project Name		Toby Farms Elementary School		Boring No.		SB-5	
Location		201 Bridgewater Rd, Brookhaven, PA		Surface Elev.		99 ft (est.)                      Depth	
Date Drilled		23 Jul 19		Boring Method		MC-5 Dual Tube	
Drilling Co.		MEA, Inc.		Completion Depth		20.0 ft bgs	
Drill Foreman		Andy Schoemaker		Job No.			
Logged By		Andrew Dinkelacker					
Depth (feet)	Sample No.	Sample Type*	Sample Interval (bgs)	% Rec.	Soil Classification		Comments
			0' - 4'		Cleared		PID: 0.0 ppm throughout No moisture observed
5		AS	4' - 5'	50%	Brn/Tan/Red Silt/Clay, sm f-m sand		
		AS	5' - 12'	60%	Tan/Brn Micaceous Silt, tr vf sand		
10		AS		75%			
			12' - 14'		Tan Silt, tr vf sand		
15		AS	14' - 15'		Gry Silt, tr f sand		SB-5 (14' - 15')
			15' - 18'	95%	Tan Silt, tr vf sand		
20			18' - 20'		Gry Silt, tr f sand and f grv		SB-5 (19' - 20')
<hr/>							
					Terminated at 20' bgs		
25							
30							
35							

\*Sample type: SS-Split Spoon RC-Rock Core CT-Cuttings  
ST-Shelby Tube AS-Acetate Sleeve

## **ATTACHMENT D**

### **Laboratory Analytical Report for the July 23, 2019 Soil Samples**

**MEA INC.**  
Analytical Services  
1365 Ackermanville Road  
Bangor, Pennsylvania 18013

Tel (610) 588-3445  
Fax (610) 588-3343

ANALYTICAL REPORT  
Page 1 of 1

Client: MEA INC. - Andrew Dinkelacker  
1365 ACKERMANVILLE ROAD  
BANGOR, PENNSYLVANIA 18013

Project: Toby Farms Elementary - Soils Samples  
Serial No: B19205XX

Sample ID	SB-1 (13.5-14.5)	SB-1 (19-20)	SB-2 (13-14)	SB-2 (18.5-19.5)	SB-3 (13.5-14.5)	SB-3 (19-20)	SB-4 (9-10)	SB-5 (14-15)	SB-5 (19-20)
Lab ID	B1920501XX	B1920502XX	B1920503XX	B1920504XX	B1920505XX	B1920506XX	B1920507XX	B1920508XX	B1920509XX
Date Collected	7/23/19	7/23/19	7/23/19	7/23/19	7/23/19	7/23/19	7/23/19	7/23/19	7/23/19
Date Analyzed	7/24/19	7/24/19	7/24/19	7/24/19	7/24/19	7/24/19	7/24/19	7/24/19	7/24/19
Date Extracted									
Data File	CV970.D	CV973.D	CV974.D	CV975.D	CV976.D	CV977.D	CV978.D	CV979.D	CV980.D
% Moisture	17.7	7.94	14	13.9	16.04	9.38	4.38	17.9	8.09
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Final Multiplier	61	56	57	68	64	55	53	61	56

**Method 8260B GC/MS System 1**

**Target Parameters**

tert-Butyl-Methyl-Ether	0.061 U	0.056 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U
Benzene	0.061 U	0.056 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U
Toluene	0.061 U	0.056 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U
Ethylbenzene	0.061 U	0.056 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U
M&P Xylene	0.120 U	0.110 U	0.130 U	0.140 U	0.130 U	0.110 U	0.110 U	0.120 U	0.120 U
O Xylene	0.061 U	0.056 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U
Cumene	0.061 U	0.056 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U
1,3,5-trimethylbenzene	0.061 U	0.056 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U
1,2,4-trimethylbenzene	0.061 U	0.050 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U
Naphthalene	0.061 U	0.056 U	0.067 U	0.068 U	0.064 U	0.055 U	0.053 U	0.061 U	0.058 U

The reported results relate only to the samples.  
The Chain of Custody Document is included as part of this test report.  
This report has been reviewed by the person(s) signed below.  
This report is accurate to the best of our knowledge.  
The Total Xylenes concentration for the sample(s) listed in this report is the sum of m/p-xylene and o-xylene reported.

*Christine Vito*  
GC/MS Analyst  
Date 7-25-19

*Zoe L. Duke*  
Quality Review  
Date 7-29-19



# CHAIN OF CUSTODY

Client <b>MEA, Inc.</b>		Project Manager <b>Andrew Dinkelsch</b>		Date <b>07/23/19</b>		Chain of Custody Number	
Address <b>1365 Ackermanville Rd.</b>		Telephone Number (Area Code) Fax Number <b>(610) 599-5127 / 5128</b>		Lab Number <b>B1920500</b>		Page <b>1</b> of <b>1</b>	
City <b>Bangor</b>		State <b>PA</b>		Zip Code <b>18013</b>		Project Number/Project Name <b>Toby Farms Elementary - Soil Sample</b>	

## FOR LABORATORY USE ONLY

Laboratory Project No: \_\_\_\_\_

Storage Refrigerator ID: \_\_\_\_\_

Storage Freezer ID: \_\_\_\_\_

Secured: ☐ Yes ☐ No

Analysis(es)  
Requested

Sample Condition Upon Receipt:

### MATRIX

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Sample Weight	Date	Time	Aqueous	Sol
SB-1 (13.5-14.5) 19-13400502	5.1	07/23/19	0915	X	X
SB-1 (19-20) 19-13400509	4.84		0920	X	X
SB-2 (13-14) 19-13400496	5.0		0940	X	X
SB-2 (18.5-19.5) 19-13400482	4.27		0945	X	X
SB-3 (13.5-14.5) 19-13400494	5.0		1025	X	X
SB-3 (19-20) 19-13400500	5.1		1030	X	X
SB-4 (9-10) 19-13400479	5.1		1100	X	X
SB-5 (14-15) 19-13400507	5.1		1155	X	X
SB-5 (19-20) 19-13400508	5.1		1200	X	X

Sampled By  
**B26005**

#	Container Type	Preservative Type	FOR LABORATORY USE ONLY Lab ID
2	V	0	B19 205 01 XX
2	V	0	B19 205 02 XX
2	V	0	B19 205 03 XX
2	V	0	B19 205 04 XX
2	V	0	B19 205 05 XX
2	V	0	B19 205 06 XX
2	V	0	B19 205 07 XX
2	V	0	B19 205 08 XX
2	V	0	B19 205 09 XX

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other

Container Types: E= Encore Sampler, V= VOA Vial, A= 1-Liter Amber, G= Glass Jar, Q= Other

**dry w/te jar**

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other

QC Requirements (Specify)

**Prep Michael Gabelin - Dual short lists**

1. Relinquished By

Date **07/23/19** Time **1510**

Date

Time

2. Relinquished By

Date

Date

Time

Sampler Initials and Printed Name

**AD - Andrew Dinkelsch**

Instructions/Comments:

**Feb 19 D - BOX #2 @ 3°C** Samples Relinquished by lab on 7-24-19  
DISTRIBUTION: WHITE - Slays with the Sample; CANARY - Return to Client with Report; PINK - Field Copy

**Reviewed/Approved - ME 7/23/19**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

October 1, 2018

Ms. Lawanda Richardson  
Chester Upland School District  
232 W. 9<sup>th</sup> Street  
Chester, PA 19013-5837

Re: Storage Tank Program  
Facility ID No. 23-14086  
Incident No. 52446  
Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township  
Delaware County

Dear Ms. Richardson:

The Department of Environmental Protection (DEP) received notification of a reportable release of a regulated substance at the above-named facility that was confirmed on September 27, 2018. This release is a violation of Section 1310 of the Pennsylvania Storage Tank and Spill Prevention Act.

This letter is to advise you that you have certain responsibilities regarding this release under the Corrective Action Process (CAP) regulations in 25 Pa. Code Chapter 245, Subchapter D. You should carefully review these regulations to determine the specific requirements applicable to the release at your facility. The CAP regulations and several helpful fact sheets are available on DEP's website at [www.dep.pa.gov](http://www.dep.pa.gov), keyword "Tank Cleanup." This information can help you address the release quickly and effectively.

Upon confirmation of a release, the CAP regulations require that you immediately implement any necessary interim remedial actions as described in Section 245.306 including: removing regulated substances from leaking tank systems; mitigating fire, explosion and safety hazards; preventing further migration of released substances; and identifying and sampling affected or potentially affected water supplies. Appropriate and timely interim remedial actions can resolve environmental impacts caused by the release or limit their severity, thus making site cleanup easier and less expensive.

A site characterization must also be performed upon confirmation of a release in accordance with Section 245.309 of the CAP regulations. A Site Characterization Report (SCR) detailing the findings of the site characterization must be submitted to this office within 180 days of reporting the release as mandated in Section 245.310. We recommend that you engage the services of an experienced environmental consulting firm, with a Licensed Professional Geologist on staff, to conduct the site characterization and prepare the SCR. Completion of a comprehensive site characterization and submission of a detailed SCR are critical in determining whether additional steps are needed to address the release at your facility.

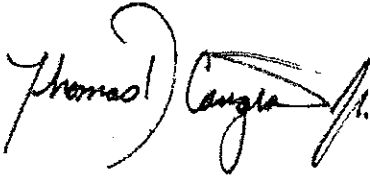
The SCR for this release is due on or before March 26, 2019. Please note that due dates in this letter do not constitute an extension of compliance dates already established for previously reported contamination.

Your SCR must address all the elements of Section 245.310 and be submitted by the deadline listed above. Requests for an extension of the deadline for SCR submittal will only be considered based on valid technical reasons. Requests for an extension must be made in writing to this office at least 30 days before the SCR due date. Your written request must specify the technical reason(s) for the extension and include a new proposed submission date. No extension of the SCR due date will be permitted without written approval from DEP.

Financial assistance for corrective action may be available from the Underground Storage Tank Indemnification Fund (USTIF). You should immediately contact USTIF by calling 717.787.0763 or 800.595.9887 (in PA only) or by email to [ra-ustif@pa.gov](mailto:ra-ustif@pa.gov). Failure to notify USTIF within 60 days after knowledge of a potential claim will result in denial of coverage. You may wish to investigate other potential sources of financial assistance. We recommend that you contact the Pennsylvania Department of Community and Economic Development at 866.466.3972 or visit their website at [www.newpa.com](http://www.newpa.com).

Please forward all documents, reports and written requests to ECB Corrective Action Section, at the address listed on this letter. If you have any questions, please contact Mr. Lyle de la Rosa by email at [ldelarosa@pa.gov](mailto:ldelarosa@pa.gov) or by telephone at 484.250.5790.

Sincerely,



Thomas D. Canigiani, Jr.  
Water Quality Specialist Supervisor  
Environmental Cleanup and Brownfields

cc: Chester Township  
Mr. Richard Burgan, USTIF  
Mr. Lyle de la Rosa  
Re 30 lb

INSP# 2781906  
ENF# 367891

<b>NOTIFICATION OF REPORTABLE RELEASE (Owners and Operators)</b>		<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Follow-Up			
<b>NOTIFICATION OF CONTAMINATION (Certified Installers and Inspectors)</b>					
<b>NOTIFICATION OF REPORTABLE RELEASE (Owners and Operators)</b> <p>The Storage Tank Program's Corrective Action Process (CAP) regulations establish release reporting requirements for owners and operators of storage tanks and storage tank facilities.</p> <p>Subsection 245.305(a) of the regulations requires owners or operators to notify the appropriate regional office of the Department as soon as practicable, but no later than 24 hours after the confirmation of a reportable release.</p> <p>Subsection 245.305(d) requires owners or operators to provide an initial written notification to the Department, each municipality in which the reportable release occurred, and each municipality where that release has impacted environmental media or water supplies, buildings, or sewer or other utility lines, within 15 days of the notice required by subsection 245.305(a).</p> <p>Subsection 245.305(e) requires owners or operators to provide follow-up written notification to the Department and to each impacted municipality of new impacts to environmental media or water supplies, buildings, or sewer or other utility lines discovered after the initial written notification required by subsection 245.305(d). Written notification is to be made within 15 days of the discovery of the new impact.</p> <p>This form may be used to comply with subsections 245.305(d) and (e).</p> <p style="text-align: center;"><b>OWNERS AND OPERATORS (O/O)</b></p> <p style="text-align: center;"><b>INDICATE IF THIS IS AN INITIAL OR FOLLOW-UP NOTIFICATION BY MARKING THE APPROPRIATE BOX FOUND IN THE TOP RIGHT-HAND CORNER OF THIS FORM. PLEASE COMPLETE ALL INFORMATION IN SECTIONS I, II, IIIA, IIIB, IV, V, VII and VIII.</b></p>		<b>NOTIFICATION OF CONTAMINATION (Certified Installers and Inspectors)</b> <p>The Storage Tank Program's Certification regulations establish standards of performance for certified installers and inspectors of storage tanks and storage tank facilities.</p> <p>Subsection 245.132(a)(4) of the regulations requires certified installers and inspectors to report to the Department a release of a regulated substance or confirmed or suspected contamination of soil, surface or groundwater from regulated substances observed while performing services as a certified installer or inspector.</p> <p>This form may be used to comply with subsection 245.132(a)(4). Subsection 245.132(a)(4) requires submission of the form within 48 hours of observing suspected or confirmed contamination. Where there is a reportable release, the form may be submitted jointly by the owner, operator, certified installer and certified inspector. In this instance, the form must be received by the appropriate regional office within 15 days of the notice required by subsection 245.305(a).</p> <p style="text-align: center;"><b>CERTIFIED INSTALLERS AND INSPECTORS (I/I)</b></p> <p style="text-align: center;"><b>PLEASE COMPLETE ALL INFORMATION IN SECTIONS I, II, IIIA, IIIC, VI, VII and VIII.</b></p>			
<b>INSTRUCTIONS</b>					
<p>I. <b>FACILITY INFORMATION</b> - Record the name, I.D. number and physical location (not P.O. Box) of the facility at which a reportable release has been confirmed or at which suspected or confirmed contamination has been observed. Include the name and phone number of a person to contact at the facility.</p> <p>II. <b>OWNER/OPERATOR INFORMATION</b> - Record the name, business address and telephone number of the owner of the facility identified in Section I. Also, record the name and telephone number of the operator of the facility.</p> <p>III. <b>REGULATED SUBSTANCE INFORMATION</b> - Indicate to the best of your knowledge: A) the type of product or products involved; B) the quantity of product or products released; and C) whether the contamination is suspected or confirmed.</p> <p>IV. <b>REPORTABLE RELEASE INFORMATION</b> - Record the date of confirmation of the reportable release, e.g., "9/18/01"; the date and regional office notified; and the date the local municipality(ies) [provide name of municipality(ies)] was/were sent a copy of this form. Indicate to the best of your knowledge the source/cause of the release, how the release was discovered and the environmental media affected and impacts.</p> <p>V. <b>INTERIM REMEDIAL ACTIONS</b> - Indicate the interim remedial actions planned, initiated or completed.</p> <p>VI. <b>SUSPECTED/CONFIRMED CONTAMINATION INFORMATION</b> - Record the date of observation of the suspected or confirmed contamination, e.g., "11/24/01". Indicate to the best of your knowledge the indications of a suspected release or extent of confirmed contamination resulting from the release of the regulated substance.</p> <p>VII. <b>ADDITIONAL INFORMATION</b> - Provide any additional, relevant, available information concerning the reportable release or suspected or confirmed contamination. Include in this section specific details or problems about the release. For example, if the piping was the source of the release and the cause was corrosion of a metal connector or flexible connector, it is important to include that information here. Use additional 8½" x 11" sheets of paper, if necessary.</p> <p>VIII. <b>CERTIFICATION</b> - Please print your name, and provide your signature and date of signature. If a certified installer/inspector, provide certification number and company certification number.</p> <p>IX. <b>ATTACHMENT</b> - If a certified installer/inspector, provide a copy of failed valid tightness test(s), if applicable.</p> <p style="text-align: center;"><b>PLEASE SEND COMPLETED ORIGINAL FORM TO:</b>          PA Department of Environmental Protection          Environmental Cleanup and Brownfields Program          Storage Tank Section          (and the appropriate address below,          depending on where the FACILITY is located)</p>					
Southeast Region 2 East Main Street Norristown, PA 19401 PHONE: 484-250-5900 FAX: 484-250-5961  <b>Counties</b> Bucks, Chester, Delaware, Montgomery, Philadelphia	Northeast Region 2 Public Square Wilkes-Barre, PA 18711-1915 PHONE: 570-825-2511 FAX: 570-820-4907  <b>Counties</b> Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne, Wyoming	South-central Region 909 Elmerston Avenue Harrisburg, PA 17110 PHONE: 866-825-0208 FAX: 717-705-4830  <b>Counties</b> Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, York	North-central Region 208 W. Third Street, Suite 101 Williamsport, PA 17701 PHONE: 570-321-6525/327-3636 FAX: 570-327-3420  <b>Counties</b> Bradford, Cameron, Centre, Clinton, Clearfield, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, Union	Southwest Region 400 Waterfront Drive Pittsburgh, PA 15222 PHONE: 412-442-4091/4000 FAX: 412-442-4328  <b>Counties</b> Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, Westmoreland	Northwest Region 230 Chestnut Street Meadville, PA 16335-3481 PHONE: 814-332-6945 800-373-3398 FAX: 814-332-6121  <b>Counties</b> Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, Warren



Lawanda Richardson  
232 W. 9th St

**V. INTERIM REMEDIAL ACTIONS (O/O Only)**(Mark All That Apply ☒):

	Planned	Initiated	Completed	Not Applicable
Regulated Substance Removed from Storage Tanks .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire, Explosion and Safety Hazards Mitigated .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contaminated Soil Excavated .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Free Product Recovered .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Supplies Identified and Sampled.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporary Water Supplies Provided .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Specify) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**VI. SUSPECTED / CONFIRMED CONTAMINATION INFORMATION (I/I Only)**Date of Observation of Suspected/Confirmed Contamination: 09 / 27 / 2018  
m d yIndication of Suspected Contamination (Mark All That Apply ☒):

- Unusual Level of Vapors ..... ☐
- Erratic Behavior of Product Dispensing Equipment ..... ☐
- Release Detection Results Indicate a Release ..... ☐
- Discovery of Holes in the Storage Tank ..... ☐
- Other (Specify) Water in tank ..... ☐

Extent of Confirmed Contamination (Mark All That Apply ☒):

- Product Stained or Product Saturated Soil or Backfill ..... ☐
- Ponded Product ..... ☐
- Free Product or Sheen on Ponded Water ..... ☐
- Free Product or Sheen on the Ground Water Surface ..... ☐
- Free Product or Sheen on Surface Water ..... ☐
- Other (Specify) Failed tank tightness test (Ullage) ..... ☒

**VII. ADDITIONAL INFORMATION (Both O/O and I/I)**

Provide any additional, relevant, available information concerning the reportable release or suspected or confirmed contamination. Include specific details or problems about the release. For example, if the piping was the source of the release and the cause was corrosion of a metal connector or flexible connector, it is important to include that information here. Provide DEP-assigned and owner/operator-assigned tank number(s), where applicable. Use additional 8½" x 11" sheets of paper, if necessary.

As part of a release investigation initiated by the influx of water in the tank, a tank tightness was performed.

In the attempt to perform the tank tightness, I was unable to achieve the prescribed negative test pressure to perform a valid test due to a large air leak inside the piping sump. Upon further investigation it was noted that the rubber hose piping used for the vapor and vent piping has deteriorated so badly that it is coming apart and allowing the water that is in the piping sump to enter the tank. I was unable to isolate the piping at this time to continue the test because of the corroded condition of the piping fittings.

I am unable to make an accurate evaluation of the tank at this time. The piping will have to be isolated from the tank before testing can be continued.

It appears the water entered the tank through the vapor and vent piping inside the piping sump, but it cannot be assumed that is the only problem without a valid passing tightness test.



## VIII. CERTIFICATION (Both O/O and I/I)

I, \_\_\_\_\_, hereby certify, under penalty of law as provided in 18 Pa.  
(Print Name)

C.S.A. §4904 (relating to unsworn falsification to authorities) that I am the owner or operator of the above referenced storage tank facility and that the information provided by me in this notification is true, accurate and complete to the best of my knowledge and belief.

\_\_\_\_\_  
Signature of Owner or Operator

\_\_\_\_\_  
Date

I, \_\_\_\_\_, hereby certify, under penalty of law as provided in 18 Pa.  
(Print Name)

C.S.A. §4904 (relating to unsworn falsification to authorities) that I am the certified installer who performed tank handling activities at the above referenced storage tank facility and that the information provided by me in this notification is true, accurate and complete to the best of my knowledge and belief.

\_\_\_\_\_  
Signature of Certified Installer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Installer Certification Number

\_\_\_\_\_  
Company Certification Number

I, Ed Guckin, hereby certify, under penalty of law as provided in 18 Pa.  
(Print Name)

C.S.A. §4904 (relating to unsworn falsification to authorities) that I am the certified inspector who performed inspection activities at the above referenced storage tank facility and that the information provided by me in this notification is true, accurate and complete to the best of my knowledge and belief.

  
Signature of Certified Inspector

\_\_\_\_\_  
09 / 27 / 2018  
Date

\_\_\_\_\_  
2552  
Inspector Certification Number

\_\_\_\_\_  
307  
Company Certification Number





(610) 459-7727

Fax (610) 459-9770

**FERGUSON & McCANN, Inc.**  
**MECHANICAL CONTRACTORS**  
SERVICE STATION EQUIPMENT  
INSTALLED, SERVICED, REMOVED  
EXCAVATING EQUIPMENT RENTALS  
270 Bodley Road Aston, PA 19014  
Established 1933

September 27, 2018

Chester Upland School District  
1720 Melrose Ave  
Chester, PA 19013

Dear Sirs:

Tank tightness testing was performed at the below location:

Toby Farms Elementary School  
201 Bridgewater Road  
Chester, PA 19015

The results are as follows:

Tank 004 – a 10,000 gallon gasoline tank FAILED the tank tightness test. The indication is a large air leak inside the piping sump, believed to be caused by the deteriorated rubber piping used for the vapor and vent piping.

An accurate evaluation of the tank cannot be achieved until the piping can be isolated from the tank. The deteriorated condition of the piping and piping fittings is serious concern and needs to be addressed.

A "Notice of Contamination" has been submitted to the PADEP as required with a failed tightness. This is not confirmation that contamination has or has not occurred, but is possible because the tank system is not "Tight"

See Attachments for test data

Sincerely,



Ed Guckin  
PADEP # 2552

## PRESSURE CALCULATION &amp; WATER SENSOR CALIBRATION

Test Date

9/27/2018

## FINAL REPORT

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

TOTAL TANK VOL. 10000  
PRODUCT VOL. 4527  
ULLAGE VOL. 5473  
PRODUCT TYPE Gasoline  
FACILITY ID # 23-14086  
TANK # Tank 004

Location Toby Farms Elementary Sch.  
Address 201 Bridgewater Road  
City/State/Zip Chester, PA 19015  
Location Contact Sharon  
Location Phone 215-280-5779

Depth of Groundwater Determined:

By: monitoring wellWhere: In tank field

## THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

       TIGHT TANKTHIS UNDERGROUND STORAGE TANK PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.  X  

## ULLAGE (DRY) PORTION OF LEAK. UNABLE TO ACHIEVE PRESCRIBED TEST PRESSURE

THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

UNABLE TO EVALUATE TANK DUE TO LARGE AIR LEAK INSIDE THE PIPING SUMP.

       BELOW PRODUCT LEVEL (WET) PORTION LEAKTHIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.WATER SENSOR INDICATES:  
(CHECK ONLY ONE)No Water Intrusion       Water Intrusion       Not Applicable   X  

## Operator Information

Print Name Ed Guckin Certification # 46-6037  
Sign Name *Ed Guckin* Expiration Date: 06/2020  
Testing Firm Ferguson & McCann Inc. Telephone # 610-459-7727  
Address 270 Bodley Road PADEP Cert. # 2552  
Aston, PA 19014

NEW YORK STATE REQUIREMENT: A DIAGRAM OF THE TANK SYSTEM MUST BE SUBMITTED TO THE STATE WITH THIS REPORT

## EQUIPMENT SERIAL NUMBERS AND CALIBRATION EXPIRATION DATES:

	Serial Number	Calibration Expiration Date
IN-TANK MICROPHONE	<u>M1701013 or M1744002</u>	<u>06/2019</u>
ACOUSTIC SIGNAL PROCESSOR	<u>E8011003 or E1732004</u>	<u>06/2019</u>
PRESSURE SENSOR	<u>71202808 or 70950508</u>	<u>06/2019</u>
WATER SENSOR DISPLAY	<u>D0810109 or D1032602</u>	<u>06/2019</u>
WATER SENSOR PROBE	<u>P089907 or P089913</u>	<u>06/2019</u>

# PRESSURE CALCULATION & WATER SENSOR CALIBRATION

Test Date 9/27/2018

## DATA SHEET

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

TOTAL TANK VOL. 10,000  
 PRODUCT VOL. 4527  
 ULLAGE VOL. 5473  
 PRODUCT TYPE Gasoline  
 TANK CONSTRUCTION D/W Steel  
 TANK # Tank 004

Location Toby Farms Elementary Sch.  
 Address 201 Bridgewater Road  
 City/State/Zip Chester, PA 19015  
 Location Contact Sharon  
 Location Phone 215-280-5779  
 Depth of Groundwater Determined:  
 By: monitoring well  
 Where: In tank field

## PRESSURE SENSOR CALCULATION

44.00 x 0.026 = 1.144 PSI (1)  
 INCHES OF PRODUCT WEIGHT OF PRODUCT  
2.50 x .036 = 0.090 PSI (2)  
 INCHES OF WATER IN TANK  
 Line 1 + Line 2 = Total Positive Head Pressure In Tank = 1.234 PSI (3)  
0.0 x .036 = 0.000 PSI (4)  
 INCHES OF WATER OUTSIDE TANK  
 Total Head Pressure Minus Outside Water Pressure = 1.234 +/- PSI (5)  
 Always add .5 PSI + 1.734 PSI (6)  
 NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI  
 TEST PRESSURE = 1.734 +/- PSI (7)

## ACOUSTIC TEST TIME

Equipment Calibration due date and serial numbers

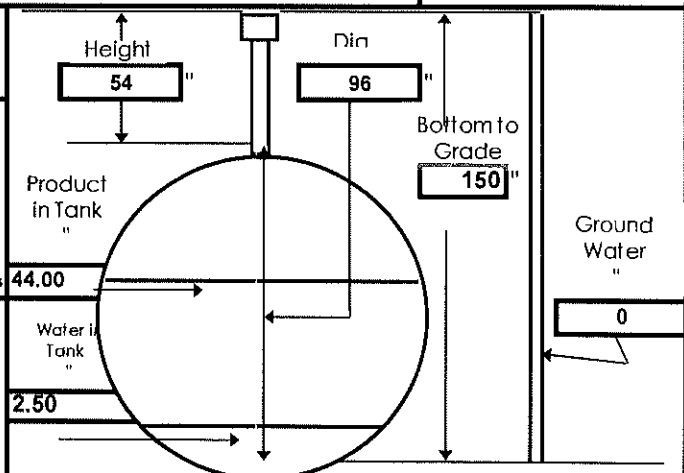
	Time	Pressure	Serial Number	Calibration Due Date
Baseline Background:	<u>9:10 AM</u>	<u>0.0</u>		
Blower Started:	<u>9:13 AM</u>	<u>0.0</u>	In-Tank Microphone <u>M1701013</u>	<u>06/2019</u>
Test Pressure Reached:	<u>9:38 AM</u>	<u>N/A</u>	Acoustic Signal Processor <u>E8011003</u>	<u>06/2019</u>
UNABLE TO REACH TEST PRESSURE TEST ABORTED DUE TO MAJOR AIR LEAK IN VAPOR AND VENT PIPING INSIDE SUMP.			Pressure Sensor <u>71202808</u>	<u>06/2019</u>
			Water Sensor Display <u>D0810109</u>	<u>06/2019</u>
			Water Sensor Probe <u>P089907</u>	<u>06/2019</u>

## WATER SENSOR CALIBRATION

Added: \_\_\_\_\_  
 Average: \_\_\_\_\_  
 Calculation for Test Period:  
 \_\_\_\_\_ ÷ 3780 = \_\_\_\_\_ ÷ .05 \_\_\_\_\_ x 60 = \_\_\_\_\_ 0 minutes  
 Avg. Cal. "A" Factor Min. Time of Test

## Water Intrusion Test Period

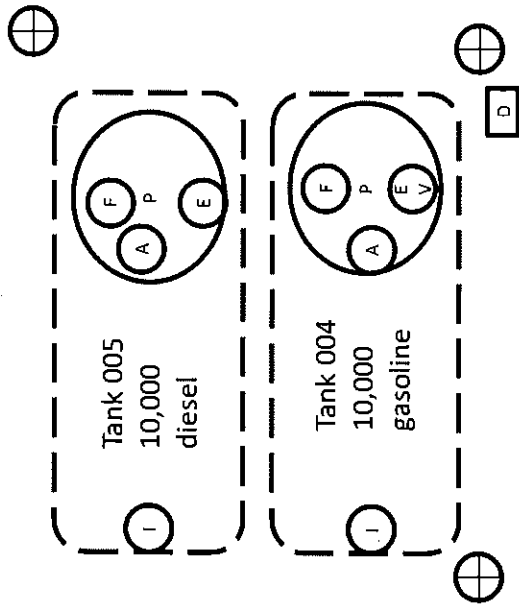
Began: N/A  
 Ended: N/A







#23- 14086 Toby Farms Elementary School 201 Bridgewater Road 19015



Legend	
D	Dispenser
I	Interstitial
A	ATG
P	Piping Sump
E	Extractor Valve
M	Manway
V	Vapor Pickup
W	Monitoring Well
S	Submersible Pump
F	Fill





**pennsylvania**

DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

April 10, 2018

**NOTICE OF VIOLATION**

Ms. Lawanda Richardson  
Chester Upland School District  
232 W. 9<sup>th</sup> Street  
Chester, PA 19013-4246

Re: Storage Tank Program  
Operating Permit/Registration Fee  
Facility ID No. 23-14086  
Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township  
Delaware County

Dear Ms. Richardson:

The Department of Environmental Protection (DEP) Storage Tank rules and regulations require the payment of an annual registration fee for your storage tank system(s). A review of DEP's records indicated that registration fees for the 2018-2019 registration period are delinquent in the amount of \$100.00. Your registration fee was due by February 6, 2018. Failure to pay your annual registration fee is a violation of 25 Pa. Code Section 245.42.

In addition, for underground storage tanks, timely and current payment of registration fees is one of the requirements for participation in the Underground Storage Tank Indemnification Fund (USTIF), which is required under 25 Pa. Code Section 245.704. Failure to pay registration fees will also void your USTIF coverage, making you ineligible for USTIF monies for cleaning up releases from underground storage tanks that may occur at your facility.

To avoid suspension or revocation of your operating permit, 25 Pa. Code Section 245.43, or loss of your USTIF coverage, you have two options for payment of your fees:

1. Electronic payment can be made by credit card or TeleCheck (bank account transfer) in the DEP Greenport, <https://www.depgreenport.state.pa.us>. Instructions on how to create an account, complete a security agreement and make payments in the DEP Greenport can be found at <http://www.dep.pa.gov/Business/Land/Tanks/Pages/ePermitting.aspx>.
2. A check payable to "PA DEP" can be submitted, along with your invoice, and mailed to:

PA DEP  
Division of Storage Tanks  
P.O. Box 8762  
Harrisburg, PA 17105-8762



April 10, 2018

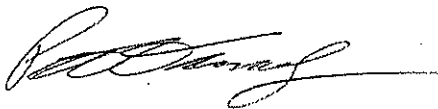
Your registration payment is overdue and should be submitted as soon as possible. Please include the invoice that was previously sent to you. If you need a copy of your invoice, please contact DEP's Harrisburg Central Office toll free in PA at 1.800.428.2657 or local and out-of-state at 717.772.5599.

If our records indicate a consistency of failing to pay registration fees by the due date, DEP may assess a civil penalty in addition to the delinquent registration fees and/or issue an order to cease operating the tank system(s).

This Notice of Violation is neither an order nor any other final action of DEP. It neither imposes nor waives any enforcement action available to DEP under any of its statutes. If DEP determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions, please contact me by email at [pdonnelly@pa.gov](mailto:pdonnelly@pa.gov) or by telephone at 484.250.5827.

Sincerely,



Pete Donnelly  
Water Quality Specialist  
Environmental Cleanup and Brownfields

cc: Chester Township  
Re 30 lb

INSP# 2718079  
ENF# 363054



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

September 13, 2019

Ms. LaWanda Richardson  
Chester Upland School District  
232 West 9th Street  
Chester, PA 19013-4246

Re: Storage Tank Program  
Facility ID No. 23-14086  
Incident ID No. 52446 & 53108  
Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township  
Delaware County

Dear Ms. Richardson:

On September 27, 2018, a reportable release of petroleum was confirmed at your above-named facility. This release constitutes a violation of Section 1310 of the Pennsylvania Storage Tank and Spill Prevention Act.

Information submitted to the Department of Environmental Protection (DEP) indicates that the release was addressed according to DEP regulations. If we subsequently obtain additional information which indicates the existence of contamination caused by the conditions on your premises we reserve the right to require additional site characterization and/or remediation. DEP reserves all rights to take any enforcement action in the future.

Sincerely,

A handwritten signature in black ink, appearing to read "Lyle de la Rosa".

Lyle de la Rosa  
Geologic Specialist  
Environmental Cleanup and Brownfields

cc: Delaware County Health Department  
Chester Township  
Mr. Dinkelacker, MEA  
Re 30 (hmw19ecb) 256-2



## DeLaRosa, Lyle A

---

**From:** Andrew Dinkelacker <adinkelacker@meaincpa.com>  
**Sent:** Wednesday, September 11, 2019 1:47 PM  
**To:** DeLaRosa, Lyle A  
**Cc:** Tina Marie Andersen  
**Subject:** [External] Toby Farms Elementary; Fac. ID #23-14086 - Investigation of Release Report  
**Attachments:** Investigation of Release Report.pdf

**ATTENTION:** This email message is from an external sender. Do not open links or attachments from unknown sources. To report suspicious email, forward the message as an attachment to [CWOPA\\_SPAM@pa.gov](mailto:CWOPA_SPAM@pa.gov).

Hi Lyle,

Investigation of Release Report attached. Please let me know if you need another hard copy or if you have any issues with the attached.

Thanks,

ANDREW D. DINKELACKER, P.G.  
PROJECT GEOLOGIST  
MOBILE ENVIRONMENTAL ANALYTICAL  
1365 ACKERMANVILLE RD. | BANGOR, PA, 18013  
TEL: (610) 599-5127 | FAX: (610) 599-5128 | CELL: (484) 725-3844  
[WWW.MEAINCPA.COM](http://WWW.MEAINCPA.COM)









Tel. (610) 599-5127

www.meaincna.com

Fax (610) 599-5128

August 19, 2019

Department of Environmental Protection  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401-4915

Attention: Mr. Lyle de la Rosa – Geologic Specialist

**Subject: Investigation of Suspected Release – Piping Sump Air Leak and  
Containment Liquid  
Chester Upland School District – Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township, Delaware County, Pennsylvania  
PADEP Facility I.D. No. 23-14086  
Incident Nos. 52446 and 53108**

Dear Mr. de la Rosa:

Mobile Environmental Analytical, Inc. (MEA) was contracted by the Chester Upland School District to conduct site characterization activities and prepare a Site Characterization Report (SCR) related to two recorded incidents involving the underground storage tank (UST) system present at the Toby Farms Elementary School. Discussion with the Pennsylvania Department of Environmental Protection (PADEP) following the receipt of laboratory analytical results included herein indicated that if analytical results do not indicate that a release has occurred, a full SCR may not be necessary.

The Toby Farms Elementary School is located at 201 Bridgewater Road in Chester Township, Delaware County, Pennsylvania. A figure depicting the location of the facility is included as Figure 1. An aerial photo depicting the approximate property boundary is included as Figure 2. The specific incidents that have occurred at the facility that required additional investigation/site characterization are as follows:

***Incident No. 52446:***

Confirmed on September 27, 2018 by Ferguson & McCann, Inc. while onsite to conduct a release investigation based on a noted influx of water to tank 004 (10,000-gallon gasoline). Ferguson & McCann was contracted to perform a tightness test on tank 004 however, personnel were unable to achieve the required negative pressure required to perform a valid test. It was noted that rubber piping used as vapor and vent piping was so deteriorated that it was allowing water that collected in the tank top sump to enter the UST. Based on the inability to conduct the required testing, a Notice of Contamination (NOC) was submitted. The September 27, 2018 NOC is included as Attachment A.

### ***Incident No. 53108:***

On April 30, 2019, PADEP was present at the Toby Farms Elementary School facility to conduct a compliance evaluation inspection. During this inspection, approximately 5.25-inches of water was observed in the gasoline tank (tank 004), and liquid was present in the sump servicing tank 005 (10,000-gallon diesel). Documentation regarding this suspected release is included as Attachment B.

This report includes the following figures, tables, and attachments:

### ***Figures***

- Figure 1 – Site Location Map;
- Figure 2 – Area Map; and,
- Figure 3 – Soil Boring Location Map.

### ***Attachments***

- Attachment A – September 27, 2018 Notice of Contamination, and October 1, 2018 PADEP Correspondence;
- Attachment B – April 30, 2019 Suspected Release Documentation;
- Attachment C – Soil Boring Logs; and,
- Attachment D – Laboratory Analytical Report for July 23, 2019 Soil Samples.

### **SOIL BORINGS**

On July 23, 2019, MEA collected a total of nine characterization soil samples from five direct-push soil borings located in the vicinity of the UST field. The soil samples were analyzed for the PADEP short-list of unleaded gasoline constituents (which includes all constituents present on the diesel short list) including tert-Butyl-Methyl-Ether (MTBE), benzene, toluene, ethyl benzene, total xylenes, cumene, 1,3,5-trimethylbenzene (1,3,5-TMB), 1,2,4-trimethylbenzene (1,2,4-TMB), and naphthalene. These samples were collected to determine if impacts were present to the soil medium following the reported release incidents. A soil boring location map is included as Figure 3.

### ***Soil Boring Methods***

In order to safely advance soil borings at the site, MEA contacted the Pennsylvania One-Call System (PA 1-Call) to request mark-out of surrounding subsurface utilities. A ground penetrating radar (GPR) survey was conducted to determine the locations of private, unmarked utilities, potential preferential pathways, and the location of UST system components (i.e., product and vent piping). A Vermeer PMD 550 DT vacuum excavator was used to clear soil boring locations (in suspect areas) prior to advancement of soil borings using a Geoprobe® hydraulic drill rig.

Direct-push soil boring samples were collected using Geoprobe® dual-tube sampling equipment. The dual-tube samplers include outer, 5-foot long, 2½-inch diameter steel probe rods fitted with a hardened steel cutting shoe. Inner, one-inch diameter rods fitted to the top of a single-use acetate sleeve are inserted into the outer probe rods, and the paired rod assemblies are driven through the target sample depth interval. The inner rod(s) and the acetate sleeve carrying the recovered sample core are then brought to the surface while the outer rods are left in place. The dual tube sampler can thus be advanced through sequentially deeper sampling intervals while the borehole is preserved from collapse.

The acetate sleeves containing recovered soil cores were split open and each cored interval was screened for VOCs using a properly-calibrated photoionization detector (PID). Soil cores were then logged using the Burmister Soil Classification system. Soil boring logs are included as Attachment C.

### ***Soil Sample Preparation and Analysis***

Soil samples collected during the soil boring investigation were analyzed using USEPA Method 8260B. Soil samples were collected in accordance with the solvent-extraction methodology of USEPA Method 5035. USEPA Method 5035 solvent extraction methodology includes preparation of sample containers with a specific volume of methanol, a stir bar, and a label. The prepared sample containers are weighed prior to sample collection. Before filling the sample container, a dedicated plastic syringe is tare weighed using an electronic field balance and then used to obtain a 5-gram (+ 0.5 g) soil aliquot. The weighed soil sample is then carefully inserted into the sample container, which is subsequently labeled with the sample ID, site name, date, time, and sample weight. An additional aliquot is collected from each sample location/interval for dry weight analysis.

The above described sample preparation methods were followed during the collection of soil samples at the Toby Farms Elementary School facility. Soil samples collected during the July 2019 soil boring investigation were preserved in methanol. Following soil sample collection, sample containers were placed on ice and transported under chain-of-custody protocol by MEA field personnel to MEA's laboratory in Bangor, Pennsylvania.

### ***Rationale for Soil Boring Locations and Sample Depth Intervals***

During the July 23, 2019 soil sampling event, MEA advanced soil borings SB-1 through SB-5 in the locations depicted on Figure 3. These borings were placed to evaluate the soil medium surrounding the UST system. Samples collected during the July 2019 sampling event were analyzed for the PADEP short list of unleaded gasoline constituents. Soil boring SB-1 was advanced northwest of the UST field, SB-2 was advanced southwest of the UST field, SB-3 was advanced southeast of the UST field, SB-4 was advanced east of the gasoline/diesel dispenser, and SB-5 was advanced northeast of the UST field.



Soil borings SB-1, SB-2, SB-3, and SB-5 were advanced at select locations to determine if impacts were present from the USTs, while SB-4 was advanced to a shallower depth to determine if impacts were present from the dispenser. Within each soil boring, a sample was collected at the depth interval approximately 2-feet below the UST invert, and an additional sample was collected above the terminal depth of the boring. In soil boring SB-4, a single sample was collected above the terminal depth of the boring. PID responses and groundwater were not present in any of the soil borings advanced during the July 2019 mobilization.

## **QUALITY ASSURANCE**

### ***Decontamination of Equipment***

The equipment used to collect samples was predominantly new, single-use, disposable equipment, and included acetate sleeves for soil cores, and individually wrapped, plastic syringes for soil sample collection. Select equipment (including dual-tube soil samplers) was used at more than one location in the field. This equipment was decontaminated prior to mobilization and between uses in the field according to the following procedures:

1. Low-phosphate detergent and tap water wash;
2. Tap water rinse;
3. Distilled, deionized water rinse;
4. Methanol (pesticide grade) rinse;
5. Distilled, deionized water rinse;
6. Air dry.

### ***Chain of Custody***

MEA uses standard chain-of-custody forms to maintain a record of sample collection, transfer between personnel, and receipt by the laboratory. These forms are initiated in the field by designated MEA field personnel and accompany samples to the laboratory. Prior to transfer of samples to the laboratory, the chain-of-custody forms are signed and dated by an MEA employee who verifies the samples that are released to the laboratory. Chain-of-custody forms are included with the laboratory analytical reports in the attachments to this report.

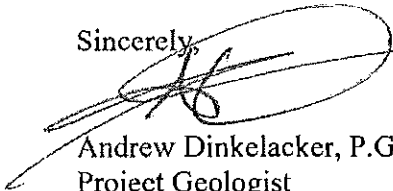
## **SOIL ANALYTICAL RESULTS**

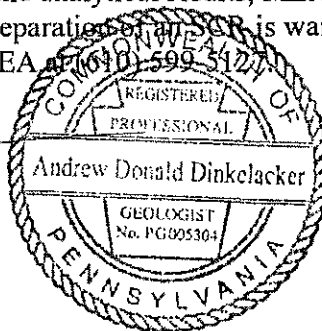
On July 23, 2019 soil samples were collected from locations identified on Figure 3. Analytical results of all collected soil samples revealed no detections of analyzed constituents and the soil investigation was determined to be complete. The laboratory analytical report and chain-of-custody documents for the soil samples are presented in Attachment D.

### CONCLUSIONS AND RECOMMENDATIONS

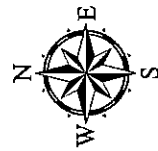
Based on field observations and laboratory analysis of soil samples, a release to the environment has not occurred. Discussion with PADEP has indicated that if analytical data and circumstances regarding each suspected release indicate that no release has occurred, an SCR is unnecessary. Given these observations and analytical results, MEA does not believe that additional site characterization and the preparation of an SCR is warranted. If you have any questions or concerns please contact MEA at (610) 599-5127.

Sincerely,

  
Andrew Dinkelacker, P.G.  
Project Geologist



## **FIGURES**



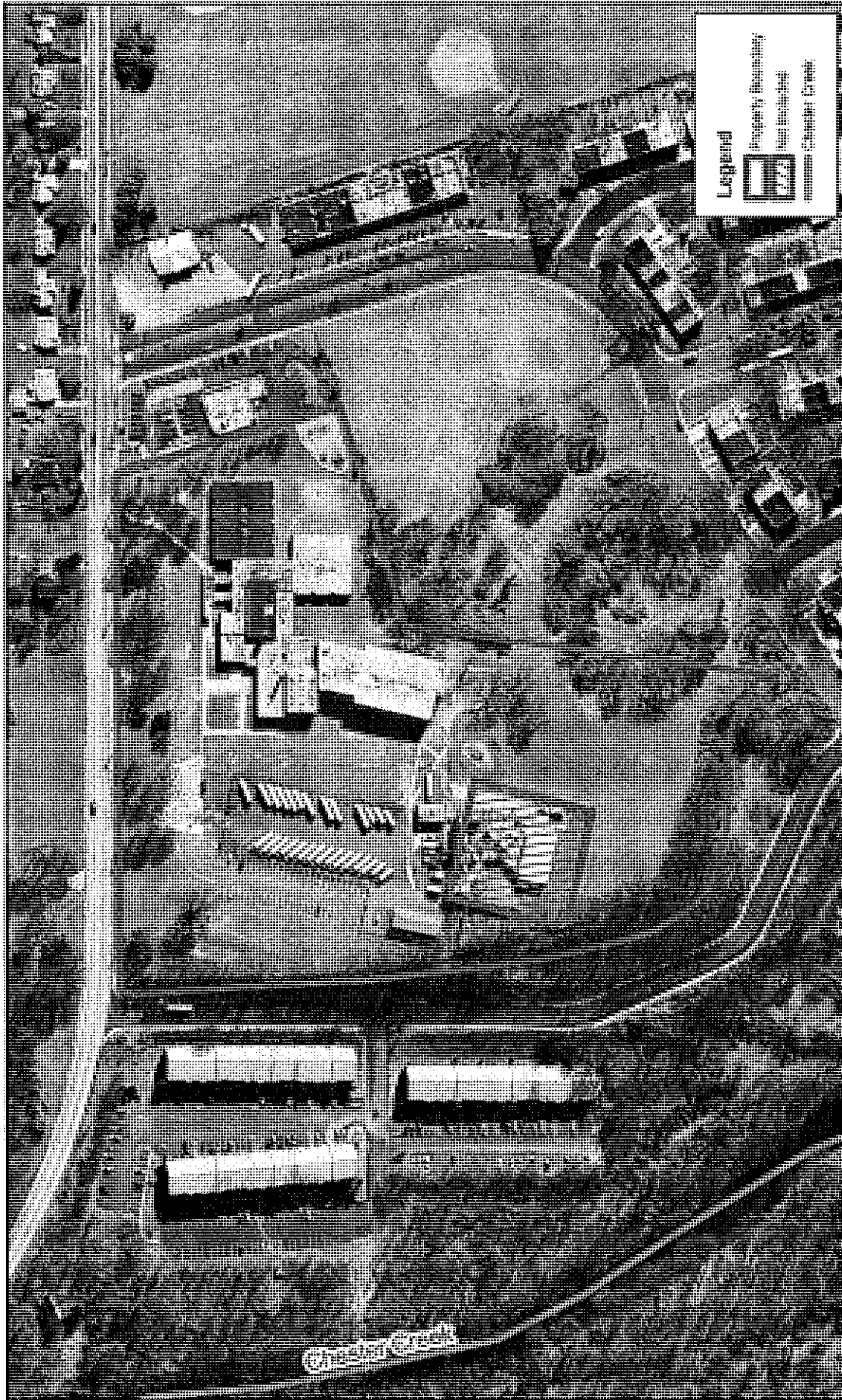
**Figure 1 - Topographic Map**  
Toby Farms Elementary School  
Chester Township, Delaware County, PA

U.S. Quadrangle Maps: Marcus Hook & Bridgeport, PA

Source: PASDA  
This map was developed using Geographical Information Systems (GIS), Pennsylvania Spatial Data Access (PASDA). This secondary project has not been verified by PASDA and is not state authorized. This map is for visual display purposes only and all locations are approximate.

Scale: 0 500 1,000 2,000 Feet





U.S. Quadrangle Map: Marcus Hook, PA

Source: PASDA  
 This map was developed using Geographical Information Systems (GIS) Pennsylvania Spatial Data Access (PASDA). This secondary project has not been verified by PASDA and is not state authorized. This map is for visual display purposes only and all locations are approximate.



**Figure 2 - Area Map**  
 Toby Farms Elementary School  
 Chester Township, Delaware County, PA



<p>U.S. Quadrangle Map: Marcus Hook, PA</p>	<p><b>Figure 3 - Soil Boring Location Map</b></p> <p>Toby Farms Elementary School Chester Township, Delaware County, PA</p>		<p>Source: PASDA</p> <p>This map was developed using Geographical Information Systems (GIS), Pennsylvania Spatial Data Access (PASDA). This secondary project has not been verified by PASDA and is not state authorized. This map is for visual display purposes only and all locations are approximate.</p>	
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## **ATTACHMENT A**

**September 27, 2018 NOC and PADEP Documentation**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

March 26, 2019

**NOTICE OF VIOLATION**

Ms. Lawanda Richardson  
Chester Upland School District  
232 W. 9<sup>th</sup> Street  
Chester, PA 19013-5837

Re: Storage Tank Program  
Facility ID No. 23-14086  
Toby Farms Elementary School  
Incident No. 52446  
201 Bridgewater Road  
Chester Township  
Delaware County

Dear Ms. Richardson:

We wish to remind you of your responsibilities, as owner/operator of the above referenced facility, following the release from your storage tank system, which was confirmed on September 27, 2018.

In accordance with 25 Pa. Code Sections 245.309 and 245.310, you were to submit a site characterization report (SCR) to the Department of Environmental Protection (DEP) within 180 days from September 27, 2018. Your SCR was due on March 26, 2019. To date, we have not received your report.

Your failure to submit the required SCR on or before the date identified above is a violation of 25 Pa. Code Section 310(a). Because your report is overdue, we are requesting that it be submitted as soon as possible.

Continued noncompliance with the corrective action regulations may result in penalty assessments and/or suspension or revocation of your operating permit. The timeliness of your response and your cooperation will be a consideration in any legal action by the DEP.

This Notice of Violation (NOV) is neither an order nor any other final action of the DEP. It neither imposes nor waives any enforcement action available to the DEP under any of its statutes. If the DEP determines that an enforcement action is appropriate, you will be notified of the action.

Ms. Lawanda Richardson

- 2 -

March 26, 2019

We will appreciate your cooperation in this matter. If you have any questions regarding technical aspects or SCR submittal requirements, or if you believe you have been sent this letter in error please contact me at 484.250.5790.

Sincerely,



Lyle de la Rosa  
Geologic Specialist  
Environmental Cleanup and Brownfields

cc: Delaware County Health Department  
Chester Township  
Mr. Burgan, USTIF  
Mr. Youndt, ICF  
Re 30 (TDB19ECB)85-1





**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

August 4, 2015

**NOTICE OF VIOLATION**  
**REQUEST FOR RECORDS**

Mr. Nick Carabetta  
Toby Farms Elementary School  
249 Bridgewater Road  
Brookhaven, PA 19015

Re: Storage Tank Program  
Request for Records  
Facility ID No. 23-14086  
Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township  
Delaware County

Dear Mr. Carabetta:

On July 24, 2015, Department of Environmental Protection (DEP) certified inspector Mr. Les Trammel conducted a Facility Operations Inspection at the above referenced facility. An inspection report documenting the findings of that inspection was provided to you (or your representative) and DEP. A preliminary review of the report reveals that the facility is operating in violation of the regulations as described in 25 Pa. Code Chapter 245 Subchapter E. As the facility owner and/or operator, you are obligated to comply with the Commonwealth's storage tank rules and regulations.

In order to verify that you have addressed the non-compliant issues at this facility, we are requesting that no later than August 24, 2015, you submit the following:

- As stated in 25 Pa. Code Section 245.436(a)(2), a facility noncompliant with 25 Pa. Code Section 245.436(a)(1) may not operate after August 8, 2012. Class A, B and C operators are to be designated for each underground storage tank system or facility that has underground storage tanks permitted to operate by the DEP. Your inspector noted that trained operators had not been designated for your facility. In addition, 25 Pa. Code Section 245.436(e)(1) requires the owner of an underground storage tank facility to prepare a list of designated Class A, B and C operators. In order to verify that Class A, B and C operators have been designated for your facility, we are requesting that you complete and return the enclosed *Storage Tank Operator Training Documentation Form*. Please read the form carefully and attach all requested documentation.
- Written instructions or procedures are to be provided and visible at manned storage tank facilities, and be readily available for unmanned facilities for persons performing duties of the Class C operator to follow and to provide notification necessary in the event of emergency conditions. Your inspector noted that these written instructions or procedures were not available or posted at your facility. We are requesting that you submit a copy of your written emergency procedures. 25 Pa. Code Section 245.436(b)(3)(ii)

- Documentation that release detection records are being kept on a monthly basis as required in 25 Pa. Code Section 245.441. For the months of August, September and October 2015, we are requesting at the end of each month that you submit a copy of valid tanks and piping release detection records within 7 days. Please be aware that because of the release detection violations at your facility, DEP may require you to perform an additional Facility Operations Inspection as provided by 25 Pa. Code Section 245.411(d). If this inspection is necessary, DEP will notify you in writing.

If you are unable to submit the requested information by the date noted above, we request that you cease operation of the non-compliant underground storage tank systems and empty them of all remaining product and submit the following information:

- Disposal documentation for the product removed from the non-compliant underground storage tanks, and;
- An amended registration form indicating that the tanks are *temporarily out of service*.

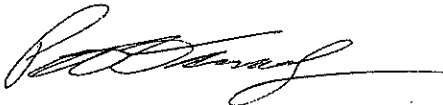
Be advised that a thorough review of the inspection could reveal additional issues or violations that need to be addressed. We recommend that you review your inspection report with a DEP certified inspector prior to submitting the requested records.

Please be advised that continued operation of noncompliant tanks may subject you to actions by DEP, including penalties. The timeliness of your response and your cooperation will be a consideration in any DEP action.

This Notice of Violation is neither an order nor any other final action of DEP. It neither imposes nor waives any enforcement action available to DEP under any of its statutes. If DEP determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions pertaining to storage tank system compliance or this letter, please contact me by email at [pdonnelly@pa.gov](mailto:pdonnelly@pa.gov) or by telephone at 484.250.5827.

Sincerely,



Pete Donnelly  
Water Quality Specialist  
Environmental Cleanup and Brownfields

cc: Chester Township  
Mr. Les Trammel, Trammel Testing, Inc.  
Mr. Kris Shiffer, Storage Tanks, C.O.  
Re 30 ~~XB~~

INSP # 2394081  
ENF # 328206



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS  
STORAGE TANK DIVISION

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

**FOR DEP USE ONLY**

Reviewer \_\_\_\_\_  
Date \_\_\_\_\_  
Entered by \_\_\_\_\_  
Date \_\_\_\_\_

**FACILITY INFORMATION**

ID Number 23 - 14086  
Name Toby Farms Elementary School  
Location 201 Bridgewater Road  
Address Chester, PA 19015  
Municipality Chester Twp

**Representative Present During Inspection**

Name George Lewis  
Phone 610-499-3821

☐ Owner ☐ Operator ☒ Employee ☐ None

**CERTIFIED INSPECTOR**

Name Les Trammel  
ID No. 2551  
Phone 215-674-1014  
E-mail lesttrammel@msn.com  
Date of First Site Visit (month/day/year)  
7/24/2015

**OWNER (must be a person)**

Name \_\_\_\_\_

**OPERATOR (if different than owner)**

Name \_\_\_\_\_

**Financial Responsibility discussed with owner**

Yes ☒ No ☐

- Provided by USTIF. Owner must have deductibles available as provided in Subchapter H of the regulations.
- Required of all UST owners except state agencies.

**Suspected or confirmed contamination observed**

Yes ☐ (notify proper region within 48 hours) No ☒

**Improperly closed or unregistered tanks present**

Yes ☐ (provide comment) No ☒

**Written instructions/notification procedures are available/posted**

Yes ☒ No ☐

**Amended registration form required for (check all that apply):**

- |  |  |
|--|--|
| <input type="checkbox"/> Added tanks         | <input type="checkbox"/> Change in substance stored                          |
| <input type="checkbox"/> Closed tanks        | <input type="checkbox"/> Change of operational status (in or out of service) |
| <input type="checkbox"/> Change in tank size | <input type="checkbox"/> Change of owner                                     |

**Inspection summary.**

Indicate the compliance status of each item below using the following codes: N = Noncompliant C = Compliant

	Tank No. 004	Tank No. 005	Tank No.	Tank No.	Tank No.
Tank Construction and Corrosion Protection	C	C			
Piping Construction and Corrosion Protection	C	C			
Spill Prevention	C	C			
Overfill Prevention	C	C			
Registration Certificate Display	C	C			
Tank Release Detection	N	N			
Piping Release Detection	C	C			
Monthly sump checks	C	C			

I, the DEP Certified Inspector (IUM), have inspected the entire above referenced facility including examining manways, sumps, monitoring wells and dispensers. Based on my personal observation of the facility and documentation provided by the owner, I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate and complete to the best of my knowledge and belief.

[Signature] 7/24/2015  
Certified Inspector's Signature Date

As the representative of the owner or operator, I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate and complete to the best of my knowledge and belief.

[Signature] 7/24/2015  
Signature Title Date

Original: Regional Office - Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville  
Copy: Owner  
Copy: DEP, Division of Storage Tanks, P.O. Box 8763, Harrisburg, PA 17105-8763  
Copy: Inspector

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary School Date 7/24/2015 Facility ID 23 – 14086

I. **TANK SYSTEM INFORMATION.** For each tank, fill in the required information and codes from the following list. Where multiple codes are allowed and used for a specific tank component, describe the arrangement in the COMMENTS section. (See FOI form instructions for details.)

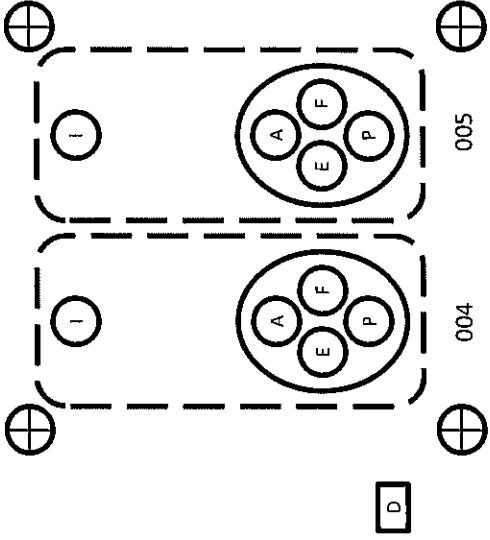
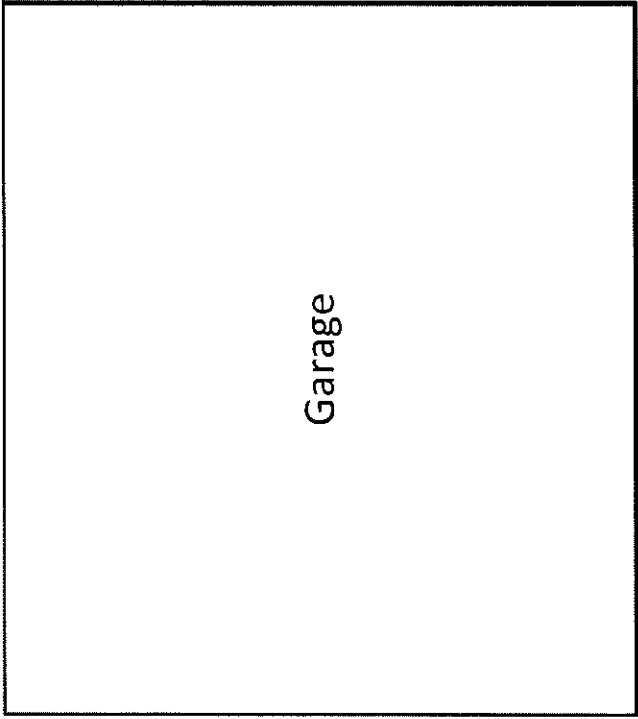
	Tank No. 004	Tank No. 005	Tank No.	Tank No.	Tank No.	DEP Use
1. Tank capacity (name plate gallons)	10000	10000				
2. Substance currently stored	GAS	DIESEL				
3. Installation date (mm/yyyy)	08/1990	08/1990				
4. This drone tank is manifolded to tank number	---	---				
5. Product level, in inches, at time of inspection	20.03	45.21				
6. Total secondary containment on this tank system	Y	Y				(18)
7. Tank construction and corrosion protection	G	G				(1)
8. Main piping construction and corrosion protection	K	K				(2)
9a. Number of tank top sumps ‡	1	1				
9b. Number of tank top sumps tested tight ‡	0	0				(21)
9c. Spill containment tested tight	N	N				(21)
10a. Number of transition sumps	0	0				
10b. Number of transition sumps tested tight	0	0				(21)
11a. Number of connected dispensers	1	1				
11b. Number of connected dispensers with pans	1	1				
11c. Number of dispenser pans tested tight	0	0				(22)
12a. Piping flexible joints/connectors construction at tank	I	I				(PFLX)
12b. Piping flexible joints/connectors construction at dispenser	I	I				(PFLX)
13. Pump (product dispensing) system	B	B				(4)
14. Spill protection	Y	Y				(6)
15. Overfill type	S	S				(7)
16. Current registration certificate display	Y	Y				(8)
17. Stage I vapor recovery	B	N				(19)
18. Stage II vapor recovery	A	N				(20)
Evaluate the tank system release detection methods carefully before filling in the following rows.						
19. Tank release detection	E	E				(12)
20. Piping small release detection (0.2 gph monthly or 0.1 gph annually)	C	C				(5)
21. Pressure (line 13 is C or D) piping line leak detector (LLD function)	H	H				(5)
22. LLD function includes a positive turbine pump shutoff	N	N				(23)

‡ at tank penetrations that have pipe that routinely contains or conveys product.

Site drawing / manifold schematic (not master-drone system):

See Attachments

Original: Regional Office – Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville  
 Copy: Owner  
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 Copy: Inspector



Legend	
D	Dispenser
I	Interstitial
A	ATG
P	Piping Sump
E	Extractor Valve
M	Manway
V	Vapor Pickup
+	Monitoring Well
S	Submersible Pump
F	Fill

Toby Farms Trimble Blvd. & Bridgewater Rd Chester, PA 19015





## Tank System Component Codes

**6. Total secondary containment**

- Y Yes
- N No

**7. Tank construction**

- A Single-wall steel, unprotected
- B Single-wall, galvanic anodes
- C Impressed current protection
- D Double-wall steel, unprotected
- E Single-wall fiberglass (FRP)
- F Double-wall fiberglass (FRP)
- G Steel with plastic or fiberglass jacket  
(includes double-wall Act 100)
- H Steel with FRP coating  
(Act 100 or equivalent)
- I Steel with lined interior
- J Concrete
- N Unknown
- O Double-wall, steel primary, galvanic anodes
- P Cathodically protected and lined
- 99 Other (must provide written comment)

**8. Main piping construction**

- A Bare steel  
(including only wrapped or coated)
- B Cathodically protected, metallic
- C Copper, unprotected
- D Fiberglass or rigid non-metallic
- E Single-wall, flexible non-metallic
- F Unknown
- G No dispensing piping (most used oil tanks)
- I Double-wall, metallic primary
- J Double-wall rigid (FRP) primary
- K Double-wall flexible primary
- 99 Other (must provide written comment)

**9c. Spill containment tested tight**

- Y Yes
- N No

**12. Piping flexible joints/connectors**

- A Unprotected metallic component(s) (including only wrapped or coated)
- B Cathodically protected, metallic
- C Flexible coupling with protected metallic ends
- F Unknown
- I Completely inside a containment sump, secondary pipe or liner
- M Completely jacketed with sealed boot
- N NO jacket, not in contact with the ground
- X None
- 99 Other (must provide written comment)

**13. Pump (delivery) system**

- A Suction, check valve at pump or siphon bar only
- B Suction, check valve at tank
- C Pressure
- D Gravity flow to dispenser/pump
- E None

**14. Spill protection**

- Y Spill containment
- E Filled in less than 25 gallon increments
- N None present or needs repair

**15. Overfill type (if code S or B, ensure compatible with delivery method)**

- S Drop tube shut off device
- A Overfill alarm (provide description and location in comment section)
- B Ball float valve
- E Filled in less than 25 gallon increments
- N None present or not usable

**16. Current registration certificate display**

- Y Properly displayed
- N Not displayed

**17. Stage I vapor recovery**

- A Coaxial
- B 2 port
- N Not complete or none

**18. Stage II vapor recovery**

- A Complete balance system
- B Complete assist system
- C UG piping only; not complete
- N None of the above

**19. Tank release detection**

- C Manual Tank Gauging (36 Hour) and Tank Tightness Testing (TTT) every 5 years
- D Statistical Inventory Reconciliation (SIR)
- E Certified Automatic Tank Gauge (0.2 gph Leak Test)
- F Manual Tank Gauging (36 Hour), no TTT
- G44 Manual Tank Gauging, 44 Hours
- G58 Manual Tank Gauging, 58 Hours
- H Interstitial Monitoring (2 Walls)
- J Groundwater Monitoring
- K Vapor Monitoring
- N None
- O Exempt (must provide written comment)

**20. Piping small release detection (0.2/0.1 gph)**

- B Annual Line Tightness Test (pressure)
- C Line Tightness Test - 3 years (suction)
- D Interstitial Monitoring (monthly – includes visual checking)
- E Groundwater Monitoring
- F Vapor Monitoring
- H None
- I Exempt (must provide written comment)
- J Statistical Inventory Reconciliation (SIR)
- K Electronic Line Leak Detector (0.1 or 0.2 gph test)

**21. Piping line leak detection (3 gph within 1 hr.)**

- A Mechanical Line Leak Detector (incl. test)
- H None
- K Electronic Line Leak Detector (3 gph test)
- L Continuous Interstitial Monitoring with alarm or pump shut off

**22. Positive Turbine pump shutoff**

- Y Yes – present and tested
- P Present
- N Not present

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Sch. Date 7/24/2015 Facility ID 23 – 14086

## **II. Release Detection Reference**

- Records may be located at the facility or a readily available alternate site.
- The records include all of the information listed below for chosen release detection methods.
- The inspector has actually seen the records.
- A test with an inconclusive result or failure is an indication of a (suspected) product release.

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

Instructions: Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

### **Automatic Tank Gauging: (Tank only – code E)**

ATG manufacturer: Gilbarco

ATG model: EMC

Does the automatic tank gauge perform continuous in-tank release detection? ☐ Yes, ☒ No

<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

valid monthly leak test conducted and documented  
manufacturer's certification of ability to detect 0.2 gph release is available  
probes and gauge software certified for manifolded tank systems

- when not specifically certified, the siphon must be broken to properly test maintenance records, for the last year, including calibration, preventative and repair equipment is operational

### **Manual Tank Gauging: (Tank only – code C, F, G44 or G58)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank capacity is 2,000 gallons or less  
tank installed before 11/10/2007  
performed weekly  
1/8th inch accuracy stick readings  
average 2 stick readings before and after test  
test length appropriate for each tank

- 36 hours minimum
- 44 hours, 551-1000 gallons, 64" diameter
- 58 hours, 551-1000 gallons, 48" diameter

variation is within standard (both weekly and monthly)

### **Precision Tightness Test (TTT): (Tank only – code C)**

method used (after 10/11/1994): \_\_\_\_\_

date of last test: \_\_\_\_\_

result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

complete documentation of tightness test available  
performed by UTT certified installer (after 9/28/1996)  
manufacturer's certification of ability to detect 0.1 gph release is available

### **Interstitial Monitoring: (Tank code H; describe monitoring equipment in comments)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

interstitial area monitored monthly (required for tanks installed after 11/20/2007)  
interstitial sensors properly placed (per manufacturer's instructions)  
monitoring wells (secondary barrier) or ports are clearly marked and secured  
maintenance records, for the last year, including preventative and repair equipment manufacturer's performance claims are available  
secondary barrier is compatible with and impermeable to the stored substance

### **Statistical Inventory Reconciliation: (Tank code D and/or Piping code J)**

test vendor: \_\_\_\_\_

version: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

manufacturer's certification of ability to detect 0.2 gph release is available  
data is collected according to the test vendor's instructions  
analysis completed monthly and valid results supplied to owner/operator within 20 days

- valid reports include calculated leak rate, minimum detectible leak rate, leak threshold, probability of detection and probability of false alarm

suspected releases properly investigated within 7 days of inconclusive or failed report to confirm or deny the occurrence of a release

Original: Regional Office – Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville  
Copy: Owner  
Copy: DEP, Division of Storage Tanks, P.O. Box 8763, Harrisburg, PA 17105-8763  
Copy: Inspector

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Sch. Date 7/24/2015 Facility ID 23 – 14086

## **II. RELEASE DETECTION REFERENCE (continued)**

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

**Instructions:** Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

**Groundwater or Vapor Monitoring:** (Tank code J or K and/or Piping code E or F; describe well locations and monitoring equipment in comments)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

wells are located according to site evaluation; attach page with evaluator authentication to the inspection report

wells are properly installed in accordance with site evaluation and regulations

wells are monitored and results recorded monthly in accordance with site evaluation

monitoring wells are marked and secured

fill material is sufficiently porous to allow expeditious detection at the monitoring wells

substance stored meets regulatory requirements for type of monitoring

equipment manufacturer's performance claims are available

equipment maintenance records, for the last year, including calibration, preventative and repair

**Groundwater monitoring:**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

monitoring devices can detect 1/8 inch of product or less on water

groundwater is within 20 feet of surface grade

wells are sealed from ground surface to the top of the filter pack

casing is properly slotted: allows entry of product during all groundwater conditions

**Vapor Monitoring:**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

the monitoring device is not rendered inoperative by moisture

background contamination will not interfere with vapor monitoring

vapor monitors will detect increases in concentrations of stored substance

**Interstitial Monitoring:** (Piping code D and/or L; describe monitoring equipment in comments)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

interstitial area monitored monthly (required for all totally-contained pressurized piping systems)

secondary enters sump and allows a release to be detected

interstitial sensors properly placed (per manufacturer's instructions)

monitoring wells or ports (when used) are clearly marked and secured

maintenance records, for the last year, including preventative and repair

equipment manufacturer's performance claims are available

secondary barrier (pipe) is compatible with and impermeable to the stored substance

(Code L only) continuous monitoring used as line leak detector (gravity or pressurized piping) – capable of detecting 3.0 gph release within 1 hour

(Code L only) system tested for operability within the last year

(Code L only) monthly "sensor status" (or equivalent) records available

**Sumps Checked Monthly**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

monthly sump checks for the last 12 months documented

tank top sumps dry and clean

transition sumps dry and clean

dispenser pans/sumps dry and clean

**Exempt Suction System:** (SUCTION piping only – code I)

**NOTE: No further release detection required on piping meeting all these criteria.**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

the tank top is lower than the suction pump inlet

the below grade piping slopes uniformly back to the tank

there is no more than one check valve in the piping

the check valve is located close to or inside the suction pump

compliance with above specifications can be readily determined; describe in comments

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# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Sch. Date 7/24/2015 Facility ID 23 – 14086

## **II. RELEASE DETECTION REFERENCE (continued)**

Tank Tank Tank Tank Tank  
System System System System System  
004 005

**Instructions:** Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

### **Piping Tightness (Line) Testing: (Piping only – code B or C)**

test vendor: EZY CHEK version: PLT

date of last test: 7/24/2015 result: Passed

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

test certification of ability to detect 0.1 gph release at 1.5 times operating pressure is available  
performed by UTT certified installer (after 11/10/2008)  
test conducted at proper frequency  
 ● conducted annually for **pressurized** piping without monthly monitoring  
 ● conducted every 3 years for **suction** piping not meeting code I requirements  
 if test device permanently installed, maintenance records, for the last year, including calibration, preventative and repair

### **Mechanical Line Leak Detector: (PRESSURIZED Piping only – code A)**

manufacturer: \_\_\_\_\_ model: \_\_\_\_\_

date last tested: \_\_\_\_\_ result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>			

certification of ability to detect a release of 3 gph at 10 psig within 1 hour is available  
operational test of leak detector according to manufacturer's instructions in last 12 months  
maintenance records, in addition to the annual test, for last year, including calibration, preventative and repair

### **Electronic Line Leak Detector: (PRESSURIZED Piping only – code K)**

manufacturer: \_\_\_\_\_ model: \_\_\_\_\_

date of last 3gph test: \_\_\_\_\_ result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>			
Is the electronic leak detector performing the "monthly" monitoring function? <input type="checkbox"/> Yes, <input type="checkbox"/> No If yes:				
date of last 0.2gph test: _____ result: _____				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the electronic leak detector performing the "annual" monitoring function? <input type="checkbox"/> Yes, <input type="checkbox"/> No If yes:				
date of last 0.1gph test: _____ result: _____				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

self checking or system tested for operability within the last year  
certification of ability to detect a release of 3 gph at 10 psig within 1 hour is available  
maintenance records, in addition to annual test, for last year, including calibration, preventative and repair  
continuously monitors piping

third-party certification of ability to detect 0.2 gph release is available

documentation of monthly test available for last year

third-party certification of ability to detect 0.1 gph release is available

### **IUM Release Detection Record Review: (All release detection codes)**

- An empty tank (less than 1" of product/sludge) or a tank supplying an emergency generator only is not required to perform release detection. Indicate date emptied or that it is an emergency generator tank in comments.
- Recently installed tank systems must begin performing release detection immediately after receiving product. Indicate date of first product receipt in comments.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>N/A</b>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank release detection records for the last 12 months the system contained product are available  
tank release detection records are valid and passing  
piping release detection records for the last 12 months the system contained product are available  
piping release detection records are valid and passing

Original: Regional Office – Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville  
Copy: Owner  
Copy: DEP, Division of Storage Tanks, P.O. Box 8763, Harrisburg, PA 17105-8763  
Copy: Inspector



### UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION

Facility Name Toby Farms Elementary Sch. Date 7/24/2015 Facility ID 23 – 14086

#### III. CORROSION PROTECTION COMPLIANCE CRITERIA

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

Instructions: Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

##### Lined Tanks: (Tank only – code I)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank inspected and lined according to national standard

date lined: \_\_\_\_\_

tank initially inspected 10 years after lining and every 5 years thereafter

date(s) inspected: \_\_\_\_\_

##### Galvanic and Impressed Cathodic Protection: (Tank code B, C, O or P and/or Piping)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank structure to soil potential greater than 0.85 volts, or  
meets other nationally recognized protection standard; specify: \_\_\_\_\_

potential on tank current monitoring (date) \_\_\_\_\_

potential on tank previously monitored (date) \_\_\_\_\_

pipe/flex structure to soil potential greater than 0.85 volts, or  
meets other nationally recognized protection standard; specify: \_\_\_\_\_

potential on pipe/flex current monitoring (date) \_\_\_\_\_

potential on pipe/flex previously monitored (date) \_\_\_\_\_

##### Impressed Current Design and Rectifier Output: (Tank code C or P and/or Piping)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

system designed by a corrosion expert

system is turned on and functioning within design limits

documentation of last three amp (plus volt and runtime when meters available) readings,  
recorded at least once every 60 days:

most recent: volts: \_\_\_\_\_ amps: \_\_\_\_\_ runtime: \_\_\_\_\_ date: \_\_\_\_\_

60 days prior: volts: \_\_\_\_\_ amps: \_\_\_\_\_ runtime: \_\_\_\_\_ date: \_\_\_\_\_

120 days prior: volts: \_\_\_\_\_ amps: \_\_\_\_\_ runtime: \_\_\_\_\_ date: \_\_\_\_\_

If Cathodic Protection or supplemental anodes were added to an existing tank system, fill in the following  
(Information is Required for Compliance):

Date assessed: \_\_\_\_\_

Date installed: \_\_\_\_\_

Tank Shell Assessment Method: \_\_\_\_\_

#### IV. Operator Training

- ☐ list of trained operators designates a class A operator; includes their training certification
- ☐ list of trained operators designates a class B operator; includes their training certification
- ☐ list of trained operators designates class C operator(s); date of initial training or last refresher is within the previous 12 months
- ☐ written instructions and notification procedures are readily available for class C operators at retail facilities; are posted in a location visible to dispenser operators at other facilities

DESCRIBE INFORMAL TRAINING PROVIDED FOR OWNER, CLASS A AND/OR CLASS B OPERATORS – see instructions.

Original: Regional Office – Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville  
Copy: Owner  
Copy: DEP, Division of Storage Tanks, P.O. Box 8763, Harrisburg, PA 17105-8763  
Copy: Inspector

**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 7/13/2012 Facility ID 23 – 14086

☒ IUM checked for water in tank(s) and sump(s) – results below

**V. COMMENTS INCLUDING ACTIONS TO BRING INTO COMPLIANCE** (Attach additional sheets where necessary)  
See instructions

**Water check** - Tank 004 has 0.82" and 005 has 0.00" of water

**Products:**

**Tank 004 – Gasoline**

**Tank 005 – Diesel**

**Tank 004 and 005 are compliant for tank construction and corrosion protection.** Tanks 004 and 005 are double wall ACT 100 with continuous interstitial monitoring. They were installed in August 1990.

**Pipe 004 and 005 are compliant for piping construction and corrosion protection.** The main piping runs are double wall flexible pipe. The metallic fittings are inside containments at the tank tops and dispenser. They have sensors in the piping containment sumps only.

**Tank 004 and 005 are compliant for spill prevention.** Tanks 004 and 005 have spill containments in place and in good condition.

**Tank 004 and 005 are compliant for overfill protection.** Tanks 004 and 005 have overfill drop-tubes for overfill protection.

**Tank 004 and 005 are compliant for tank registration.** A current registration is on site.

**Tank 004 and 005 are non-compliant for tank release protection.** The ATG is performing .2 tests weekly. No one has been saving the leak detection slips, I printed a leak history and Tank 004 has passed for the last 12 months except for February. Tank 005 has passed on the ATG for all twelve months. Note: the facility has continuous interstitial monitoring and the capability to print liquid status reports. I taped instructions on the ATG and showed the operator how to print the reports and they are supposed to begin printing out and maintaining the reports.

**Pipe 004 and 005 are non-compliant for piping release detection.** Tank 004 and 005 are suction lines with the check valve at the tank top. There leak detection method was interstitial monitoring but no liquid status reports were being printed or log sheet maintained. I showed the operator how to print the reports and they will begin printing out and maintaining the reports and visually inspecting the dispenser sump and recording the results on the back of the liquid status report. I tested the lines today 7/24/2015 with passing results.

**Tank 004 and 005 are non-compliant for monthly sump checks.** They are suction lines and exempt from current monthly sump check requirements. The dispenser and tank top sumps are clean and dry.

Note: there are currently no trained A & B operators, no trained C operators or emergency procedures posted.

Original: Regional Office – Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville  
Copy: Owner  
Copy: DEP, Division of Storage Tanks, P.O. Box 8763, Harrisburg, PA 17105-8763  
Copy: Inspector

Deerhorn School Service  
 Address 544 S. Central Ave. Los  
 County Alameda / Center  
 Facility Phone 408 486 6097

### Emergency Procedures

1. Immediately call 911 in the event of injury, fire or potential fire, or spill of a hazardous substance that gives rise to an emergency situation.
2. If a spill has occurred or there is an active alarm on leak detection equipment, contact the following persons immediately:

NORMAN BUCK (Primary) 408 341 8400  
JOHN MARKS (Secondary) 408 747 6112  
COLIN FRANKS (After Hours Emergency Contact) 408 747 6112

EMERGENCY'S NAME the following incident: On unit by Gas Pump  
GEORGE WILLY

**Leak Detection Equipment:** Alarms from release detection equipment should be treated as a suspected release. Investigation of suspected releases is required by statute within 7 days of discovery. Primary and secondary contacts should be notified as soon as is practical to ensure timely action.

**Spill Containment:** The general spill response procedure at this facility is to stop the source of the spill, contain any spilled material, and clean up the spill in a timely manner to prevent accidental injury or other damage.

Small spills will be contained by site personnel if they are able to do so without risking injury. Spill kits are located at the following location(s): \_\_\_\_\_

In the event of a large spill, a properly trained employee should:

1. Notify the primary and/or secondary contact from the list above. Continue your spill response. The primary contact at this time should assess additional notification requirements (i.e. notify Township, Fire Department, EPA DWP, etc. see spill reporting below).
2. Assess the area for any immediate danger to your health or safety (i.e. a crashed car on fire). If any dangers are present, move away from the area, call 911.
3. Assess the size of the leak and any immediate threat of the spill reaching the storm drain or permeable surface in the area. If there is an immediate threat and there are no safety concerns, then attempt to block the spill from reaching or contact with the storm drain or permeable surface. If no drain covers are available, then try to use absorbent (not dirt) material such as bags or rags to plug the spill from going into the drain or to any permeable surface.
4. If the spill can be contained with absorbent booms, deploy them around the spill. (Use the booms to direct the spill away from any immediate hazards (i.e. a crashed car)).
5. Once the spill has been contained and any immediate danger to storm drain or potential surface has been eliminated, transfer the spill cleanup contractor and request them to clean up the spill or commence spill cleanup procedure.

**Spill Reporting:** Notify those if a hazardous or regulated substance has been released to soil, surface water, storm drain or the spill occurs at address \_\_\_\_\_





# PETRO CLASSROOM

## CERTIFICATE OF COMPLETION

This certifies that  
**valerio mark**

FACILITY ID: \_\_\_\_\_

cheater-upland school district

249 bridgewater rd

upland pa 19015, Pennsylvania 19015

Has successfully completed the following course

**Pennsylvania Class C**

**PETROLEUM STORAGE TANK OPERATOR TRAINING**

**Certificate ID: 2015-10-11-1692060**

**2015-10-11**

Signature of the designated Class A or B operator for the facility

Date

Online Completion Date

I hereby affirm that I am the designated Class A or B operator for this facility. I have overseen the Class C operator's site-specific training. This Class C operator is familiar with the tank field, alarms, emergency shut off and the location of the emergency contact list.







# PETRO CLASSROOM

## CERTIFICATE OF COMPLETION

This certifies that

**nicholas pugliese**

durham school services

3740 east thompson st

philadelphia, Pennsylvania 19137

Has successfully completed the following online course

**PENNSYLVANIA CLASS A/B**

**PETROLEUM STORAGE TANK OPERATOR TRAINING**

**Training Date: 2015-10-26**

**Certificate ID: 2015-10-26-1701748**

Patrick J. Vuchetich, Petro Classroom Trainer  
Williams & Company Consulting, Inc.

9237 Ward Parkway, Suite 220 • Kansas City, MO 64114 • (844) 303-6752 • [www.petroclassroom.com](http://www.petroclassroom.com)

Petro Classroom's online Class A/B course is approved by the Pennsylvania Department of Environmental Protection



May 27, 2015

NICK CARABETTA  
249 BRIDGEWATER RD  
BROOKHAVEN PA 19015-2113

RECEIVED  
MAY 28 PM 1:29  
INVESTIGATOR  
NES-310  
7/17/15

**Facility Operations Inspection Due Date: 7/13/2015**

Re: TOBY FARMS ELEM SCH, Facility No. 23-14086  
Chester Twp, Delaware County

Dear Nick Carabetta:

In order to protect public health and prevent pollution of the environment, Underground Storage Tank Facility Operations Inspections confirm tank system and operator compliance with technical and operational requirements of 25 PA Code Chapter 245 and the Storage Tank and Spill Prevention Act. These inspections also offer you a great opportunity to increase your own knowledge of your unique tank systems.

The due date for your Pennsylvania Department of Environmental Protection (PA DEP) Underground Storage Tank Facility Operations Inspection for TOBY FARMS ELEM SCH is shown above. The Technical Standards for Underground Storage Tanks, 25 PA Code Chapter 245 Subchapter E, requires that facility operations inspections be conducted at underground storage tank facilities at the following frequencies: Routine inspections every three years, within six to twelve months of a facility ownership change, within six to twelve months of the installation of a new underground storage tank system, and finally, any additional inspections as requested by the PA DEP.

If a Facility Operations Inspection has not yet been performed, please schedule it now with a PA DEP certified third-party inspector with "IUM" certification. A certified third-party inspector with "IUM" certification must conduct the inspection and submit the inspection form to the PA DEP within sixty days of the date of the inspection.

In the event that an inspection has recently been completed, please forward a copy of the inspection report to this office. Please be sure to verify that the report you are submitting to the PA DEP is the proper one. A Facility Operations Inspection report has the PA DEP logo on the top of the first page and contains a total of eight pages.

Additionally, as a reminder, your Facility Operations Inspection due date is displayed on your "Storage Tanks Registration / Permit Certificate." Your inspection due date is shown under the "UST Operations Inspect Due" column.

Information regarding underground storage tanks, including a current list of storage tank certified companies, can be found on our website. Our website can be located by typing [www.depweb.state.pa.us](http://www.depweb.state.pa.us) into any internet browser or by typing "PA DEP" into any internet search engine.

From the PA DEP home page, begin by selecting "DEP Programs A-Z" on the left column of the website. Next, click on the "S" at the middle of the page. Next, locate and click on the link to "STORAGE TANKS." To search for a PA DEP certified inspection company, click on the "Underground Storage Tanks" link in the right column of the Storage Tanks home page. Finally, click on the "Storage Tank Certified Companies Search" link that is located in the center of the webpage to open a searchable listing of PA DEP certified tank handling and inspection companies. You will be able to search for certified inspectors by PA DEP Region and PA County, as well as by inspector certification category.

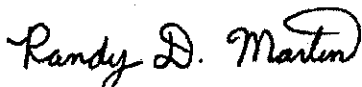
You may select any company on the list with "IUM" certification. You will need to contact the company directly to make arrangements for your Facility Operations Inspection to be completed.

Once scheduled, please notify Mr. Benjamin Sakmar of your Facility Name, Facility Identification Number (23-14086), the scheduled inspection date, and the certified inspector's name by calling the Division of Storage Tanks central office in Harrisburg at 717.772.5803.

Please have the required Facility Operations Inspection at your facility completed by the due date specified in this letter. Failure to meet inspection deadlines could result in enforcement and jeopardize future operation of your underground storage tank systems.

Thank you for your cooperation in this matter.

Sincerely,



Randy Martin  
Chief  
Underground Storage Tank Unit  
Division of Storage Tanks

Enclosure

cc: Mr. Thomas Canigiani, Southeast Regional Office, Storage Tanks





LOR

DEP - RECEIVED  
SOUTHEAST REGION

SEP 05 2019

August 22, 2019

VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED AND U.S. FIRST CLASS MAIL

Chester Upland School District  
Attn.: Ms. Lawanda Richardson  
232 W. 9th Street  
Chester, PA 19013

RE: Claimant	Chester Upland School District
Loss Location	201 Bridgewater Road
	Chester, PA 19015-2113
USTIF Claim Number	20190103
Reported Date of Discovery	4/30/2019

Dear Ms. Richardson:

The above captioned claim was filed through the Pennsylvania Underground Storage Tank Indemnification Fund on May 31, 2019. A request for claim information / documentation was sent to you on June 4, 2019, copy enclosed. Additionally, on July 2, 2019 a letter was sent to your attention, copy enclosed, regarding our efforts to schedule and conduct a recorded interview with maintenance supervisor Mr. Newton in support of the subject claim. To date, we have neither received the requested information / documentation, nor been contacted to schedule the requested interview. This documentation and interview are important, and without them we cannot move forward with an eligibility determination.

Please note that Chapter 977 of the Rules and Regulations promulgated by the Pennsylvania Underground Storage Tank Indemnification Fund Board requires that to be eligible for funding the participant must cooperate with the Fund by providing all information requested by the Fund. In addition, lack of cooperation by the participant may result in denial of the claim.

Please provide the required documentation, and have Mr. Newton, or another appropriate staff member knowledgeable about the above referenced facility and release discovery, contact me to schedule an interview, within the next thirty (30) days. If you have any questions, please contact me at (703) 218-2546 or through e-mail at [James.Ferro@fms.icfwebservices.com](mailto:James.Ferro@fms.icfwebservices.com).

OS 11/20/91 - 11/20/91  
ALABAMA ELECTRIC

401 60 98

Chester Upland School District  
August 22, 2019  
Page 2

Respectfully,

A handwritten signature in black ink, appearing to read "James Ferro", written in a cursive style.

James Ferro  
Lead Env. Claim Rep.

cc: Teresa Isabella  
PAUSTIF

Lyle De la Rosa (w/o attachments)  
PADEP Southeast Regional Office  
Facility ID #23-14086 (efacts #:590912)

Chester Upland School District  
Dr. Juan R. Baughn – Superintendent of Schools





CCP - RECEIVED  
C. EASTMAN

JUL 29 2019

July 2, 2019

VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED AND U.S. FIRST CLASS MAIL

Chester Upland School District  
Attn.: Ms. Lawanda Richardson  
232 W 9th Street  
Chester, PA 19013

RE:	Claimant	Chester Upland School District
	Loss Location	Toby Farms Elementary School
		201 Bridgewater Road
		Chester, PA 19015-2113
	USTIF Claim Number	20190103
	Reported Date of Discovery	4/30/2019

Dear Ms. Richardson:

The above captioned claim was filed through the Pennsylvania Underground Storage Tank Indemnification Fund on May 31, 2019. We spoke initially on June 4, 2019 regarding conducting a recorded interview to discuss the subject claim and you indicated that the appropriate school district representative to participate in the interview was maintenance supervisor Mr. Newton. You reported that Mr. Newton would be advised to contact me. We spoke again on June 25, 2019 when I had not been contacted by Mr. Newton. You advised that you would contact him again to instruct him to contact me to schedule the requested interview. To date, I have not been contacted by Mr. Newton to schedule the subject claim interview. This interview is an important part of the claim review process, and without it we cannot move forward with an eligibility determination.

Please note that Chapter 977 of the Rules and Regulations promulgated by the Pennsylvania Underground Storage Tank Indemnification Fund Board requires that to be eligible for funding the participant must cooperate with the Fund by providing all information requested by the Fund. In addition, lack of cooperation by the participant may result in denial of the claim.

Please have Mr. Newton or another appropriate school district representative contact me to schedule the requested interview within the next thirty (30) days. If you have any questions, please contact me at (703) 218-2546 or through e-mail at [James.Ferro@fms.icfwebservices.com](mailto:James.Ferro@fms.icfwebservices.com).



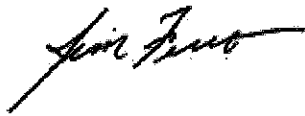


Chester Upland School District

July 2, 2019

Page 2

Respectfully,

A handwritten signature in black ink, appearing to read "James Ferro", written in a cursive style.

James Ferro

Lead Env. Claim Rep.

cc: Teresa Isabella  
PAUSTIF

De la Rosa, Lyle  
PADEP Southeast Regional Office  
DEP Facility #23-14086 (efacts 590912)





DEP - RECEIVED  
SOUTHEAST REGION

JUN 24 2019

June 4, 2019

Chester Upland School District  
Attn: Lawanda Richardson  
232 W. 9th Street  
Chester, PA 19013

RE: Claimant	Chester Upland School District
Loss Location	Toby Farms Elementary School
	201 Bridgewater Road
	Chester, PA 19015-2113
USTIF Claim Number	20190103
Reported Date of Discovery	4/30/2019

---

Dear Ms. Richardson:

In order to support the claim you have filed with the Pennsylvania Underground Storage Tank Indemnification Fund, please provide the data/information requested below:

- 1) Type of facility i.e. retail gasoline sales with convenience store, retail sales with repair service, etc.
- 2) Number of underground tanks, their size, contents, age, material of construction of the tanks and lines at the time of the release (i.e. bare steel, asphalt-coated steel, fiberglass). Type of lines (pressurized or suction), presence of leak detectors, spill and overfill protection. Also, are the tanks all in the same tank pit?
- 3) A history of repairs and upgrades to tanks and lines.
- 4) Indication of when the release or potential release was first suspected and how the problem manifested itself. Please indicate the date the release was confirmed.
- 5) The name, address and phone numbers of the person who discovered the release/problem and any witnesses to the event.
- 6) The cause (source) of the suspected or confirmed release and the time frame of the release. Be exact, which tank and/or line was involved. Estimate product lost. When did release begin? Provide action(s) taken to investigate and/or abate the release.
- 7) Was the DEP called and did they respond to the site. Please indicate who came out, when, and any instructions received. Name, address, telephone number and contact of your consulting firm.





- 8) Please indicate remedial activities to date. Further indicate if groundwater was impacted and amount (if any) of soil removed. Provide costs incurred to date and future anticipated costs. If tanks were removed, the cost of such including disposal.
- 9) Any prior history of site contamination. Please also indicate type of heating utilized for building(s) at this site.
- 10) Indicate any damages to third parties and, if so, include name, address and type of damage. Is the site served by its own well water?
- 11) Please indicate the procedures performed to comply with regulations concerning leak detection.
- 12) Please supply name, title, and telephone number of person performing stick readings, procedures for tank sticking, product deliveries, and checking for water in the tank. Please indicate if water was ever found in the tanks.
- 13) Please indicate the status of your tank permit. Has it ever been revoked? And if so, why?
- 14) Is there any other pollution insurance in effect for your facility that would provide pollution coverage for this release? If so, please provide the name of your insurance company, their address and phone number, and your policy number.

**The following documents must be submitted:**

- Copies of any analytical data, well logs, site maps, closure reports, site assessments, etc. performed at this site currently or in the past.
- Daily tank inventories/tank gauging figures and monthly reconciliations for the involved tank/lines for the six month period preceding the discovery of contamination.
- Proof of payment of the gallon fees commonly referred to as throughput fees. Proof in the form of an invoice, prior to the discovery of the contamination showing the USTIF fee and proof of payment of that invoice in the form of a canceled check or bank card receipt. Delivery records should show deliveries were made to all tanks, subject to the gallon fees in use at the site. A bill of lading may also be submitted if it clearly indicates deliveries were made to all tanks subject to the gallon fee at time of the release discovery.
- Any tank and line tightness tests.
- Latest DEP registration certificate for the involved tanks.

If you prefer to have invoices reimbursed directly to your consultant, please execute the enclosed "Authorization for Payment Form" and forward to your consultant for their signature. A fully executed Authorization for Payment Form must be documented in order for USTIF to direct payment to your consultant. Please note a vendor number is required for all payments made from the Commonwealth of Pennsylvania. Directions for obtaining a vendor number are indicated on the enclosed Authorization for Payment Form. Please retain a copy for your records, and return the original to us.



Chester Upland School District

June 4, 2019

Page 3

Please provide the required documentation within the next sixty (60) days. If you have any questions, please contact me at (703) 218-2546 or through email at [James.Ferro@fms.icfwebservices.com](mailto:James.Ferro@fms.icfwebservices.com).

Respectfully,

A handwritten signature in black ink, appearing to read "James Ferro", written in a cursive style.

James Ferro  
Lead Env. Claim Rep.

cc: Teresa Isabella  
PAUSTIF

PADEP Southeast Regional Office  
DEP Facility #23-14086 (efacts 590912)



## Authorization for Payment Form

I, \_\_\_\_\_ (Tank Owner/Operator), an underground storage tank owner/operator, hereby designate and appoint the Underground Storage Tank Indemnification Fund ("Fund") as my authorized representative to make such payments as the Fund may approve, to \_\_\_\_\_ (Consultant) on account of USTIF Claim Number \_\_\_\_\_.

I, \_\_\_\_\_ (Individual Officer Name), as authorized officer for \_\_\_\_\_ (Consultant), hereby agree to participate in the USTIF direct pay program. As a participant in the USTIF direct pay program, \_\_\_\_\_ (Consultant) agrees to maintain and preserve and shall produce, upon request of USTIF, all data, records and documentation pertaining to site investigation and/or environmental remediation for aforementioned claim in paper or original electronic format to be determined by USTIF. All documents, data and records produced by \_\_\_\_\_ (Consultant), paid for in whole or in part by USTIF, to carry out the obligations of site investigation/remediation, are subject to this requirement. USTIF has the right to use all such documents, data and records to further the corrective action process for the claim. Consultant shall be compensated for reasonable costs to reproduce and ship the requested data records and documentation.

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Tank Owner/Operator

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Consultant

Date: \_\_\_\_\_

By: \_\_\_\_\_  
PAUSTIF

**NOTE: All underground storage tank owners/operators and consulting companies receiving payments directly from the Commonwealth of Pennsylvania for USTIF funded sites are required to have a vendor number.**

### To obtain a vendor number:

A vendor number may be obtained by completing the online Non-Procurement Vendor Registration Form accessed through the Non-Procurement Registration Form link at [www.vendorregistration.state.pa.us](http://www.vendorregistration.state.pa.us) and registration form. Questions about the vendor registration process should be directed to the Vendor Data Management Unit (VDMU) at 717-346-2676 or 1-877-435-7363. Upon assignment of a vendor number, VDMU will contact the individual indicated on your vendor registration form with the assigned vendor number. If you do not have access to the internet, please contact VDMU for instructions.

### To request an address change or to add banking information for a vendor number:

A request for address change or to add banking information for direct deposit payments for companies who currently have vendor number information go to <https://www.budget.pa.gov/Services/ForVendors/Pages/default.aspx>. Click on the box titled, "NON-PROCUREMENT VENDOR HELP". Scroll down to "How to....." and click on the action being requested. Questions about the vendor registration process should be directed to 717-346-2676 or 1-877-435-7363 option 1. Upon processing the change, Vendor Data Management Unit (VDMU) will reply back to the contact individual requesting the action.

Upon receipt of a vendor number and/or an address change to a current vendor number, please contact ICF directly at 717-948-1760 or 1-800-888-7843 with the updated information so that we may ensure correct payment from USTIF.







**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

DATE RECEIVED: \_\_\_\_\_

**UNDERGROUND STORAGE TANK SYSTEM  
INSTALLATION / CLOSURE NOTIFICATION FORM**

**NOTE:** The appropriate regional office of the Department must receive notification of installation, change-in-service or permanent closure at least 30 days prior to beginning on-site activities. Report subsequent delays as soon as known.

<b>I. Owner of Tank System</b>			
Owner Name Sharndeep Singh & Kesar Singh (Operator / Lessee)			
Street Address 450 S. 69 <sup>th</sup> Street		Phone Number ( 610 ) 457 - 1829	
City Upper Darby	State PA	Zip Code 19082 -	
<b>II. Location of Tank System</b>			
Facility Name 007 Carwash, LLC (Formerly City Line Gas Station)		Facility Identification Number 23 - 02719	
Street Address 450 S. 69 <sup>th</sup> Street	City Upper Darby	State PA	Zip Code 19082 -
Municipality Upper Darby Township	County Delaware		
Contact Person Sharndeep Singh (Johnny)		Phone Number ( 610 ) 457 - 1829	
<b>III. This notification is for:</b>			
<input type="checkbox"/> New installation <input checked="" type="checkbox"/> Complete system replacement <input type="checkbox"/> Partial system replacement <input type="checkbox"/> Change-in-service <input type="checkbox"/> Complete system closure <input type="checkbox"/> Partial system closure			
<b>IV. Month/Day/Year of Proposed Installation / Closure</b> 12/15/2014			
<b>V. Certified Installer/Company Performing Tank Handling Activities</b>			
Certified Installer Name Roger J. Tartaglia, Sr.		Installer Certification Number 368	
Street Address 536 E. Benjamin Franklin Highway		Phone Number ( 610 ) 385 - 4977	
City Douglassville	State PA	Zip Code 19518 -	
Certified Company Name Center Point Tank Services, Inc.		Company Certification Number 792	
<b>VI. (For Closure) Contractor/Individual Performing Site Assessment Activities</b>			
Name of Contractor or Individual Center Point Tank Services, Inc.			
Street Address 536 E. Benjamin Franklin Highway		Phone Number ( 610 ) 385 - 4977	
City Douglassville	State PA	Zip Code 19518 -	
<b>VII. (For Installation) Briefly Describe Underground Storage Tank System(s) to be Installed</b>			
<u>Tank Size</u>	<u>Substance to be Stored</u>	<u>Tank Size</u>	<u>Substance to be Stored</u>
12,000	Gasoline	10,000	Gasoline
10,000	Diesel Motor Fuel		
<b>VIII. Signature of Tank System Owner</b>		<b>Title</b>	<b>Date</b> / /

**IX. (For Closure) Description of Underground Storage Tank System(s) to be Closed**

Complete for each tank undergoing closure. Include additional sheets as necessary.

Tank Registration Number		001	002	003	004
Estimated Total Capacity (Gallons)		10,000	10,000	10,000	10,000
Substance(s) Stored Throughout Operating Life of Tank (Check All That Apply)	<b>a. Petroleum &amp; Other Oils</b>				
	Unleaded Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Leaded Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Aviation Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Pure ethanol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Ethanol/Gas blend _____%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Kerosene or Fuel Oil No. 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Jet Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Diesel Fuel or Fuel Oil No. 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Biodiesel _____%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 4, 5 or 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	New Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Nonpetroleum oil, Specify				
	Used Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other, Please Specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>b. Hazardous Substance</b>				
	Name of Principal CERCLA Substance				
	<b>AND</b>				
	Chemical Abstract Service (CAS) No.				
	<b>c. Unknown</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proposed Closure Method (Check Only One)	<b>a. Removal</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>b. Closure-in-Place</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>c. Change-In-Service</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tank Registration Number					
Estimated Total Capacity (Gallons)					
Substance(s) Stored Throughout Operating Life of Tank (Check All That Apply)	<b>a. Petroleum &amp; Other Oils</b>				
	Unleaded Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Leaded Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Aviation Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Pure ethanol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Ethanol/Gas blend _____%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Kerosene or Fuel Oil No. 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Jet Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Diesel Fuel or Fuel Oil No. 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Biodiesel _____%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 4, 5 or 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	New Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Nonpetroleum oil, Specify				
	Used Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other, Please Specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>b. Hazardous Substance</b>				
	Name of Principal CERCLA Substance				
	<b>AND</b>				
	Chemical Abstract Service (CAS) No.				
	<b>c. Unknown</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proposed Closure Method (Check Only One)	<b>a. Removal</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>b. Closure-in-Place</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>c. Change-In-Service</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

April 6, 2015

**NOTICE OF VIOLATION**

Mr. Nick Carabetta  
Toby Farms Elementary School  
249 Bridgewater Road  
Brookhaven, PA 19015

Re: Storage Tank Program  
Operating Permit/Registration  
Facility ID No. 23-14086  
Toby Farms Elementary School  
201 Bridgewater Road  
Chester Township  
Delaware County

Dear Mr. Carabetta:

A review of DEP's records indicate that registration fees for the 2015-2016 registration period for your storage tank system(s) are delinquent in the amount of \$100.00.

DEP rules and regulations require the payment of an annual registration fee. Your registration fee was due by February 4, 2015. To date, DEP has not received your registration fee payment. Failure to pay your annual registration fee is a violation of 25 Pa. Code Section 245.42.

Payment of the annual registration fee is one of the conditions for continued maintenance of your storage tank operating permit under 25 Pa. Code Section 245.212.

In addition, for underground storage tanks, timely and current payment of registration fees is one of the requirements for participation in the Underground Storage Tank Indemnification Fund (USTIF), which is required under 25 Pa. Code Section 245.704. Failure to pay registration fees will also void your USTIF coverage, making you ineligible for USTIF monies for cleaning up releases from underground storage tanks that may occur at your facility.

To avoid suspension or revocation of your operating permit or loss of your USTIF coverage, please submit a check payable to "PA DEP" and mail to:

PA DEP  
Division of Storage Tanks  
P.O. Box 8762  
Harrisburg, PA 17105-8762

Your registration payment is overdue and should be submitted as soon as possible. Please include the invoice that was previously sent to you. If you need a copy of your invoice, please contact DEP's Harrisburg Central Office toll free in PA at 1.800.428.2657 or local and out-of-state at 717.772.5599.

If our records indicate a consistency of failing to pay registration fees by the due date, DEP may assess a civil penalty in addition to the delinquent registration fees and/or issue an order to cease operating the tank system(s).

This Notice of Violation is neither an order nor any other final action of DEP. It neither imposes nor waives any enforcement action available to DEP under any of its statutes. If DEP determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions pertaining to storage tank system compliance or this letter, please contact me by email at [pdonnelly@pa.gov](mailto:pdonnelly@pa.gov) or by telephone at 484.250.5827.

Sincerely,



Pete Donnelly  
Water Quality Specialist  
Environmental Cleanup and Brownfields

cc: Chester Township  
Ms. Sharon Peterson, Storage Tanks, C.O.  
Re 30 JB

INSP# 2359623

ENF# 321771



Toby Farms Elem. School 23-14086

CHESTER UPLAND SCHOOL DISTRICT  
TRANSPORTATION DEPARTMENT  
249 BRIDGEWATER ROAD  
CHESTER TOWNSHIP, PA 19015  
610 447-3822 - Phone  
610 447-3840 - Fax


NICHOLAS A. CARABETTA  
TRANSPORTATION DIRECTOR

Pete Donnelly

Pump Readings

Please call  
when u receive



  
610-329-7227



CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

OCT 1, 2012 12:13

LIQUID STATUS

OCT 1, 2012 12:13

L 1:GASOLINE SUMP  
SENSOR NORMAL

L 2:GAS ANNULAR SPACE  
SENSOR NORMAL

L 3:DIESEL SUMP  
SENSOR NORMAL

L 4:DIESEL ANNULAR SPACE  
SENSOR NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

SEP 26, 2012 15:44

SYSTEM STATUS REPORT

ALL FUNCTIONS NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

AUG 29, 2012 11:44

LIQUID STATUS

AUG 29, 2012 11:44

L 1:GASOLINE SUMP  
SENSOR NORMAL

L 2:GAS ANNULAR SPACE  
SENSOR NORMAL

L 3:DIESEL SUMP  
SENSOR NORMAL

L 4:DIESEL ANNULAR SPACE  
SENSOR NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

SEP 26, 2012 15:45

LIQUID STATUS

SEP 26, 2012 15:45

L 1:GASOLINE SUMP  
SENSOR NORMAL

L 2:GAS ANNULAR SPACE  
SENSOR NORMAL

L 3:DIESEL SUMP  
SENSOR NORMAL

L 4:DIESEL ANNULAR SPACE  
SENSOR NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

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SENSOR NORMAL

L 4:DIESEL ANNULAR SPACE  
SENSOR NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

NOV 8, 2012 14:59

LIQUID STATUS

NOV 8, 2012 14:59

L 1:GASOLINE SUMP  
SENSOR NORMAL

L 2:GAS ANNULAR SPACE  
SENSOR NORMAL

L 3:DIESEL SUMP  
SENSOR NORMAL

L 4:DIESEL ANNULAR SPACE  
SENSOR NORMAL



hp LaserJet 3015

DEP SERO ECP/WASTE  
4842505961  
Dec-11-2012 3:32PM



## Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
392	12/11/2012	3:30:37PM	Receive	6104473840	1:47	2	OK

11/18/2012 21:19 6104473840

PAGE 01/02

CHESTER UPLAND SCHOOL DISTRICT  
TRANSPORTATION DEPARTMENT  
249 BRIDGEWATER ROAD  
CHESTER TOWNSHIP, PA 19015  
610 447-3822 - Phone  
610 447-3810 - Fax

NICHOLAS A. CARABETTA  
TRANSPORTATION DIRECTOR

*Pete Donnelly*

*Pump Readings*

*Please call*  
*when u receive*  
*610-329-7227*  
*CD*







# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

July 20, 2012

**NOTICE OF VIOLATION**  
**REQUEST FOR RELEASE DETECTION RECORDS**

Mr. Nick Carabetta  
Toby Farms Elementary School  
249 Bridgewater Road  
Brookhaven, PA 19015

*Chester Upland SD-T Farms Elem  
18203*

Re: Storage Tank Program  
Request for Release Detection Records  
Facility ID No. 23-14086  
Toby Farms Elementary School  
Trimble Boulevard & Bridgewater Road  
Chester Township  
Delaware County

Dear Mr. Carabetta:

On July 13, 2012, Department of Environmental Protection (Department) certified inspector Mr. Les Trammel conducted a Facility Operations Inspection at the above referenced facility. An inspection report documenting the findings of that inspection was provided to you (or your representative) and the Department. A preliminary review of the report reveals that the facility is operating in violation of the release detection regulations as described in 25 Pa. Code Chapter 245, Subchapter E. As the facility owner and/or operator, you are obligated to comply with the Commonwealth's storage tank rules and regulations.

In order to verify that you have addressed the noncompliant release detection issues at this facility, we are requesting that no later than November 16, 2012, you submit the following:

- Documentation that release detection records are being kept on a monthly basis as required. Please submit a copy of valid piping release detection records for tank 004, and valid tank and piping release detection records for tank 005 the period of August, September and October 2012.

If you are unable to submit the requested information by the date noted above, we request that you cease operation of the noncompliant underground storage tank systems and empty them of all remaining product and submit the following information:

- Disposal documentation for the product removed from the noncompliant underground storage tanks; and,
- An amended registration form indicating that the tanks are *temporarily out of service*.

July 20, 2012

Be advised that a thorough review of the inspection could reveal additional issues or violations that need to be addressed. We recommend that you review your inspection report with a Department certified inspector prior to submitting the requested records.

Please be advised that continued operation of noncompliant tanks may subject you to actions by the Department, including penalties. The timeliness of your response and your cooperation will be a consideration in any Department action.

This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions pertaining to storage tank system compliance or this letter, please contact me at 484.250.5708.

Sincerely,



Greg Kunka  
Water Quality Specialist  
Environmental Cleanup and Brownfields

cc: Chester Township  
Mr. Les Trammel  
Mr. Kris Shiffer, Storage Tanks, C.O.  
Re 308B

INSP# 2083095  
ENF# 286145

**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTIONCOMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT  
STORAGE TANK DIVISION

JUL 17 '12

## FOR DEP USE ONLY

Reviewer \_\_\_\_\_  
Date \_\_\_\_\_  
Entered by \_\_\_\_\_  
Date \_\_\_\_\_**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION****FACILITY INFORMATION**ID Number 23 - 14086  
Name Toby Farms Elementary School  
Location Trimble Blvd & Bridgewater Rd  
Address Chester, PA 19015  
Municipality Chester**Representative Present During Inspection**Name Nick Carabetta  
Phone 610-329-7227  
☐ Owner ☐ Operator ☒ Employee ☐ None**CERTIFIED INSPECTOR**Name Les Trammel  
ID No. 2551  
Phone 215-674-1014  
E-mail TrammelTesting@msn.com  
Date of First Site Visit (month/day/year)  
7/13/2012**OWNER (must be a person)**

Name \_\_\_\_\_

**OPERATOR (if different than owner)**

Name \_\_\_\_\_

**Financial Responsibility discussed with owner**Yes ☒No ☐

- Provided by USTIF. Owner must have deductibles available as provided in Subchapter H of the regulations.
- Required of all UST owners except state agencies.

**Suspected or confirmed contamination observed**Yes ☐ (notify proper region within 48 hours)No ☒**Improperly closed or unregistered tanks present**Yes ☐ (provide comment)No ☒**Written instructions/notification procedures are available/posted**Yes ☒No ☐**Amended registration form required for (check all that apply):**

- |  |  |
|--|--|
| <input type="checkbox"/> Added tanks         | <input type="checkbox"/> Change in substance stored                          |
| <input type="checkbox"/> Closed tanks        | <input type="checkbox"/> Change of operational status (in or out of service) |
| <input type="checkbox"/> Change in tank size | <input type="checkbox"/> Change of owner                                     |

**Inspection summary.**

Indicate the compliance status of each item below using the following codes: N = Noncompliant C = Compliant

	Tank No. 004	Tank No. 005	Tank No.	Tank No.	Tank No.
Tank Construction and Corrosion Protection	C	C			
Piping Construction and Corrosion Protection	C	C			
Spill Prevention	C	C			
Overfill Prevention	C	C			
Registration Certificate Display	C	C			
Tank Release Detection	C	N			
Piping Release Detection	N	N			
Monthly sump checks	N	N			

I, the DEP Certified Inspector (IUM), have inspected the entire above referenced facility including examining manways, sumps, monitoring wells and dispensers. Based on my personal observation of the facility and documentation provided by the owner, I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate and complete to the best of my knowledge and belief.

Certified Inspector's Signature

7/13/2012

Date

As the representative of the owner or operator, I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate and complete to the best of my knowledge and belief.

Signature

Title

7/13/2012

Date

Original: Regional Office -- Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville  
Copy: Owner  
Copy: DEP, Division of Storage Tanks, P.O. Box 8763, Harrisburg, PA 17105-8763  
Copy: Inspector

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary School Date 7/13/2012 Facility ID 23 – 14086

I. **TANK SYSTEM INFORMATION.** For each tank, fill in the required information and codes from the following list. Where multiple codes are allowed and used for a specific tank component, describe the arrangement in the COMMENTS section. (See FOI form instructions for details.)

	Tank No. 004	Tank No. 005	Tank No. _____	Tank No. _____	Tank No. _____	DEP Use
1. Tank capacity (name plate gallons)	10000	10000				
2. Substance currently stored	GAS	DIESEL				
3. Installation date (mm/yyyy)	08/1990	08/1990				
4. This drone tank is manifolded to tank number	---	---				
5. Product level, in inches, at time of inspection	37.17	53.55				
6. Total secondary containment on this tank system	Y	Y				(18)
7. Tank construction and corrosion protection	G	G				(1)
8. Main piping construction and corrosion protection	K	K				(2)
9a. Number of tank top sumps ‡	1	1				
9b. Number of tank top sumps tested tight ‡	0	0				(21)
9c. Spill containment tested tight	N	N				(21)
10a. Number of transition sumps	0	0				
10b. Number of transition sumps tested tight	0	0				(21)
11a. Number of connected dispensers	1	1				
11b. Number of connected dispensers with pans	1	1				
11c. Number of dispenser pans tested tight	0	0				(22)
12a. Piping flexible joints/connectors construction at tank	I	I				(PFLX)
12b. Piping flexible joints/connectors construction at dispenser	I	I				(PFLX)
13. Pump (product dispensing) system	B	B				(4)
14. Spill protection	Y	Y				(6)
15. Overfill type	S	S				(7)
16. Current registration certificate display	Y	Y				(8)
17. Stage I vapor recovery	B	N				(19)
18. Stage II vapor recovery	A	N				(20)
Evaluate the tank system release detection methods carefully before filling in the following rows.						
19. Tank release detection	E	E				(12)
20. Piping small release detection (0.2 gph monthly or 0.1 gph annually)	D	D				(5)
21. Pressure (line 13 is C or D) piping line leak detector (LLD function)	H	H				(5)
22. LLD function includes a positive turbine pump shutoff	N	N				(23)

‡ at tank penetrations that have pipe that routinely contains or conveys product.

Site drawing / manifold schematic (not master-drone system):

See Attachment

Original: Regional Office -- Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville  
 Copy: Owner  
 Copy: DEP, Division of Storage Tanks, P.O. Box 8763, Harrisburg, PA 17105-8763  
 Copy: Inspector



## Tank System Component Codes

**6. Total secondary containment**

- Y Yes  
N No

**7. Tank construction**

- A Single-wall steel, unprotected  
B Single-wall, galvanic anodes  
C Impressed current protection  
D Double-wall steel, unprotected  
E Single-wall fiberglass (FRP)  
F Double-wall fiberglass (FRP)  
G Steel with plastic or fiberglass jacket  
(includes double-wall Act 100)  
H Steel with FRP coating  
(Act 100 or equivalent)  
I Steel with lined interior  
J Concrete  
N Unknown  
O Double-wall, steel primary, galvanic anodes  
P Cathodically protected and lined  
99 Other (must provide written comment)

**8. Main piping construction**

- A Bare steel  
(including only wrapped or coated)  
B Cathodically protected, metallic  
C Copper, unprotected  
D Fiberglass or rigid non-metallic  
E Single-wall, flexible non-metallic  
F Unknown  
G No dispensing piping (most used oil tanks)  
I Double-wall, metallic primary  
J Double-wall rigid (FRP) primary  
K Double-wall flexible primary  
99 Other (must provide written comment)

**9c. Spill containment tested tight**

- Y Yes  
N No

**12. Piping flexible joints/connectors**

- A Unprotected metallic component(s) (including only wrapped or coated)  
B Cathodically protected, metallic  
C Flexible coupling with protected metallic ends  
F Unknown  
I Completely inside a containment sump, secondary pipe or liner  
M Completely jacketed with sealed boot  
N NO jacket, not in contact with the ground  
X None  
99 Other (must provide written comment)

**13. Pump (delivery) system**

- A Suction, check valve at pump or siphon bar only  
B Suction, check valve at tank  
C Pressure  
D Gravity flow to dispenser/pump  
E None

**14. Spill protection**

- Y Spill containment  
E Filled in less than 25 gallon increments  
N None present or needs repair

**15. Overfill type (if code S or B, ensure compatible with delivery method)**

- S Drop tube shut off device  
A Overfill alarm (provide description and location in comment section)  
B Ball float valve  
E Filled in less than 25 gallon increments  
N None present or not usable

**16. Current registration certificate display**

- Y Properly displayed  
N Not displayed

**17. Stage I vapor recovery**

- A Coaxial  
B 2 port  
N Not complete or none

**18. Stage II vapor recovery**

- A Complete balance system  
B Complete assist system  
C UG piping only; not complete  
N None of the above

**19. Tank release detection**

- C Manual Tank Gauging (36 Hour) and Tank Tightness Testing (TTT) every 5 years  
D Statistical Inventory Reconciliation (SIR)  
E Certified Automatic Tank Gauge (0.2 gph Leak Test)  
F Manual Tank Gauging (36 Hour), no TTT  
G44 Manual Tank Gauging, 44 Hours  
G58 Manual Tank Gauging, 58 Hours  
H Interstitial Monitoring (2 Walls)  
J Groundwater Monitoring  
K Vapor Monitoring  
N None  
O Exempt (must provide written comment)

**20. Piping small release detection (0.2/0.1 gph)**

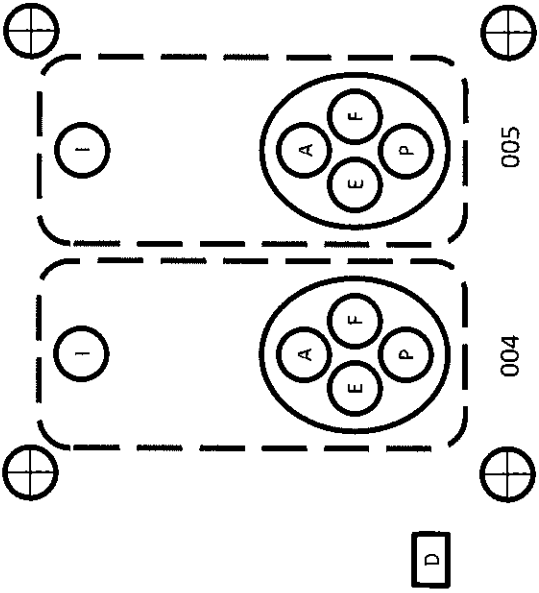
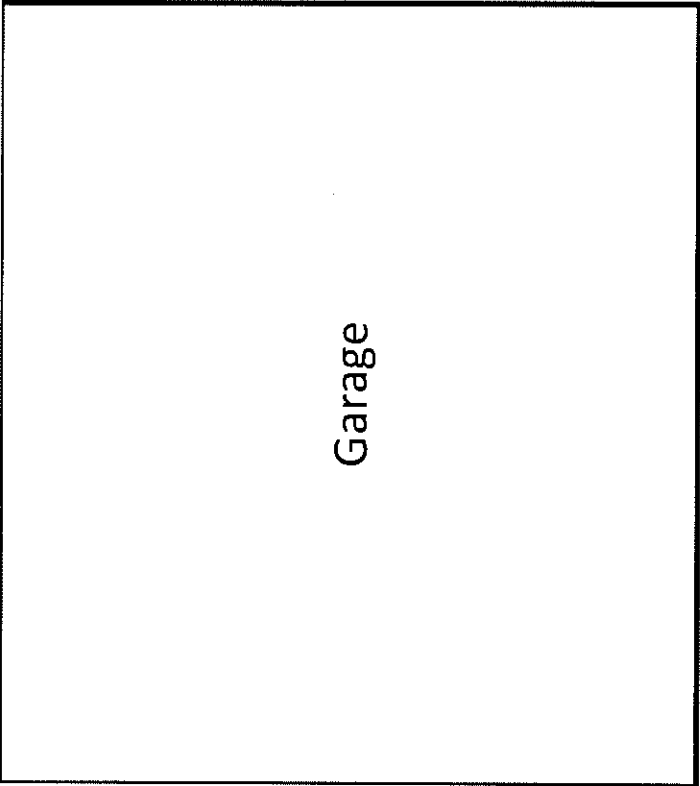
- B Annual Line Tightness Test (pressure)  
C Line Tightness Test - 3 years (suction)  
D Interstitial Monitoring (monthly – includes visual checking)  
E Groundwater Monitoring  
F Vapor Monitoring  
H None  
I Exempt (must provide written comment)  
J Statistical Inventory Reconciliation (SIR)  
K Electronic Line Leak Detector (0.1 or 0.2 gph test)

**21. Piping line leak detection (3 gph within 1 hr.)**

- A Mechanical Line Leak Detector (incl. test)  
H None  
K Electronic Line Leak Detector (3 gph test)  
L Continuous Interstitial Monitoring with alarm or pump shut off

**22. Positive Turbine pump shutoff**

- Y Yes – present and tested  
P Present  
N Not present



Legend	
Dispenser	D
Interstitial	I
ATG	A
Piping Sump	P
Extractor Valve	E
Manway	M
Vapor Pickup	V
Monitoring Well	+
Submersible Pump	S
Fill	F

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 7/13/2012 Facility ID 23 – 14086

## **II. Release Detection Reference**

- Records may be located at the facility or a readily available alternate site.
- The records include all of the information listed below for chosen release detection methods.
- The inspector has actually seen the records.
- A test with an inconclusive result or failure is an indication of a (suspected) product release.

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

Instructions: Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

## **Automatic Tank Gauging: (Tank only – code E)**

ATG manufacturer: Gilbarco

ATG model: EMC

Does the automatic tank gauge perform continuous in-tank release detection? ☒ Yes, ☐ No

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>N/A</b>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

valid monthly leak test conducted and documented  
manufacturer's certification of ability to detect 0.2 gph release is available  
probes and gauge software certified for manifolded tank systems

- when not specifically certified, the siphon must be broken to properly test maintenance records, for the last year, including calibration, preventative and repair equipment is operational

## **Manual Tank Gauging: (Tank only – code C, F, G44 or G58)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank capacity is 2,000 gallons or less  
tank installed before 11/10/2007  
performed weekly  
1/8th inch accuracy stick readings  
average 2 stick readings before and after test  
test length appropriate for each tank

- 36 hours minimum
- 44 hours, 551-1000 gallons, 64" diameter
- 58 hours, 551-1000 gallons, 48" diameter

variation is within standard (both weekly and monthly)

## **Precision Tightness Test (TTT): (Tank only – code C)**

method used (after 10/11/1994): \_\_\_\_\_

date of last test: \_\_\_\_\_

result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

complete documentation of tightness test available  
performed by UTT certified installer (after 9/28/1996)  
manufacturer's certification of ability to detect 0.1 gph release is available

## **Interstitial Monitoring: (Tank code H; describe monitoring equipment in comments)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

interstitial area monitored monthly (required for tanks installed after 11/20/2007)  
interstitial sensors properly placed (per manufacturer's instructions)  
monitoring wells (secondary barrier) or ports are clearly marked and secured  
maintenance records, for the last year, including preventative and repair equipment manufacturer's performance claims are available  
secondary barrier is compatible with and impermeable to the stored substance

## **Statistical Inventory Reconciliation: (Tank code D and/or Piping code J)**

test vendor: \_\_\_\_\_

version: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

manufacturer's certification of ability to detect 0.2 gph release is available  
data is collected according to the test vendor's instructions  
analysis completed monthly and valid results supplied to owner/operator within 20 days

- valid reports include calculated leak rate, minimum detectable leak rate, leak threshold, probability of detection and probability of false alarm

suspected releases properly investigated within 7 days of inconclusive or failed report to confirm or deny the occurrence of a release

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Copy: DEP, Division of Storage Tanks, P.O. Box 8763, Harrisburg, PA 17105-8763  
Copy: Inspector

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 7/13/2012 Facility ID 23 – 14086

## **II. RELEASE DETECTION REFERENCE (continued)**

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

**Instructions:** Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

**Groundwater or Vapor Monitoring:** (Tank code J or K and/or Piping code E or F; describe well locations and monitoring equipment in comments)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

wells are located according to site evaluation; attach page with evaluator authentication to the inspection report  
wells are properly installed in accordance with site evaluation and regulations  
wells are monitored and results recorded monthly in accordance with site evaluation  
monitoring wells are marked and secured  
fill material is sufficiently porous to allow expeditious detection at the monitoring wells  
substance stored meets regulatory requirements for type of monitoring  
equipment manufacturer's performance claims are available  
equipment maintenance records, for the last year, including calibration, preventative and repair

**Groundwater monitoring:**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

monitoring devices can detect 1/8 inch of product or less on water  
groundwater is within 20 feet of surface grade  
wells are sealed from ground surface to the top of the filter pack  
casing is properly slotted: allows entry of product during all groundwater conditions

**Vapor Monitoring:**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

the monitoring device is not rendered inoperative by moisture  
background contamination will not interfere with vapor monitoring  
vapor monitors will detect increases in concentrations of stored substance

**Interstitial Monitoring:** (Piping code D and/or L; describe monitoring equipment in comments)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

interstitial area monitored monthly (required for all totally-contained pressurized piping systems)  
secondary enters sump and allows a release to be detected  
interstitial sensors properly placed (per manufacturer's instructions)  
monitoring wells or ports (when used) are clearly marked and secured  
maintenance records, for the last year, including preventative and repair  
equipment manufacturer's performance claims are available  
secondary barrier (pipe) is compatible with and impermeable to the stored substance  
(Code L only) continuous monitoring used as line leak detector (gravity or pressurized piping) – capable of detecting 3.0 gph release within 1 hour  
(Code L only) system tested for operability within the last year  
(Code L only) monthly "sensor status" (or equivalent) records available

**Sumps Checked Monthly**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

monthly sump checks for the last 12 months documented  
tank top sumps dry and clean  
transition sumps dry and clean  
dispenser pans/sumps dry and clean

**Exempt Suction System:** (SUCTION piping only – code I)

**NOTE:** No further release detection required on piping meeting all these criteria.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

the tank top is lower than the suction pump inlet  
the below grade piping slopes uniformly back to the tank  
there is no more than one check valve in the piping  
the check valve is located close to or inside the suction pump  
compliance with above specifications can be readily determined; describe in comments

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# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 7/13/2012 Facility ID 23 – 14086

## **II. RELEASE DETECTION REFERENCE (continued)**

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

Instructions: Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

### **Piping Tightness (Line) Testing: (Piping only – code B or C)**

test vendor: \_\_\_\_\_ version: \_\_\_\_\_  
date of last test: \_\_\_\_\_ result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<b>N/A</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

test certification of ability to detect 0.1 gph release at 1.5 times operating pressure is available  
performed by UTT certified installer (after 11/10/2008)  
test conducted at proper frequency  

- conducted annually for **pressurized** piping without monthly monitoring
- conducted every 3 years for **suction** piping not meeting code I requirements

if test device permanently installed, maintenance records, for the last year, including calibration, preventative and repair

### **Mechanical Line Leak Detector: (PRESSURIZED Piping only – code A)**

manufacturer: \_\_\_\_\_ model: \_\_\_\_\_  
date last tested: \_\_\_\_\_ result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<b>N/A</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

certification of ability to detect a release of 3 gph at 10 psig within 1 hour is available  
operational test of leak detector according to manufacturer's instructions in last 12 months  
maintenance records, in addition to the annual test, for last year, including calibration, preventative and repair

### **Electronic Line Leak Detector: (PRESSURIZED Piping only – code K)**

manufacturer: \_\_\_\_\_ model: \_\_\_\_\_  
date of last 3gph test: \_\_\_\_\_ result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<b>N/A</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

self checking or system tested for operability within the last year  
certification of ability to detect a release of 3 gph at 10 psig within 1 hour is available  
maintenance records, in addition to annual test, for last year, including calibration, preventative and repair  
continuously monitors piping

Is the electronic leak detector performing the "monthly" monitoring function? ☐ Yes, ☐ No If yes:

date of last 0.2gph test: \_\_\_\_\_ result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

third-party certification of ability to detect 0.2 gph release is available  
documentation of monthly test available for last year

Is the electronic leak detector performing the "annual" monitoring function? ☐ Yes, ☐ No If yes:

date of last 0.1gph test: \_\_\_\_\_ result: \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

third-party certification of ability to detect 0.1 gph release is available

### **IUM Release Detection Record Review: (All release detection codes)**

- An empty tank (less than 1" of product/sludge) or a tank supplying an emergency generator only is not required to perform release detection. Indicate date emptied or that it is an emergency generator tank in comments.
- Recently installed tank systems must begin performing release detection immediately after receiving product. Indicate date of first product receipt in comments.

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<b>N/A</b>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank release detection records for the last 12 months the system contained product are available  
tank release detection records are valid and passing  
piping release detection records for the last 12 months the system contained product are available  
piping release detection records are valid and passing

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# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 7/13/2012 Facility ID 23 – 14086

## **III. CORROSION PROTECTION COMPLIANCE CRITERIA**

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

**Instructions:** Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

### **Lined Tanks: (Tank only – code I)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank inspected and lined according to national standard

date lined: \_\_\_\_\_

tank initially inspected 10 years after lining and every 5 years thereafter

date(s) inspected: \_\_\_\_\_

### **Galvanic and Impressed Cathodic Protection: (Tank code B, C, O or P and/or Piping)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank structure to soil potential greater than 0.85 volts, or  
meets other nationally recognized protection standard: specify: \_\_\_\_\_

potential on tank current monitoring (date) \_\_\_\_\_

potential on tank previously monitored (date) \_\_\_\_\_

pipe/flex structure to soil potential greater than 0.85 volts, or  
meets other nationally recognized protection standard: specify: \_\_\_\_\_

potential on pipe/flex current monitoring (date) \_\_\_\_\_

potential on pipe/flex previously monitored (date) \_\_\_\_\_

### **Impressed Current Design and Rectifier Output: (Tank code C or P and/or Piping)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

system designed by a corrosion expert

system is turned on and functioning within design limits

documentation of last three amp (plus volt and runtime when meters available) readings,  
recorded at least once every 60 days:

most recent: volts: \_\_\_\_\_ amps: \_\_\_\_\_ runtime: \_\_\_\_\_ date: \_\_\_\_\_

60 days prior: volts: \_\_\_\_\_ amps: \_\_\_\_\_ runtime: \_\_\_\_\_ date: \_\_\_\_\_

120 days prior: volts: \_\_\_\_\_ amps: \_\_\_\_\_ runtime: \_\_\_\_\_ date: \_\_\_\_\_

**If Cathodic Protection or supplemental anodes were added to an existing tank system, fill in the following (Information is Required for Compliance):**

Date assessed: \_\_\_\_\_

Date installed: \_\_\_\_\_

Tank Shell Assessment Method: \_\_\_\_\_

## **IV. Operator Training**

- ☒ list of trained operators designates a class A operator; includes their training certification
- ☐ list of trained operators designates a class B operator; includes their training certification
- ☐ list of trained operators designates class C operator(s); date of initial training or last refresher is within the previous 12 months
- ☒ written instructions and notification procedures are readily available for class C operators at retail facilities; are posted in a location visible to dispenser operators at other facilities

**DESCRIBE INFORMAL TRAINING PROVIDED FOR OWNER, CLASS A AND/OR CLASS B OPERATORS – see instructions.**

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**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 7/13/2012 Facility ID 23 – 14086

☒ IUM checked for water in tank(s) and sump(s) – results below

**V. COMMENTS INCLUDING ACTIONS TO BRING INTO COMPLIANCE** (Attach additional sheets where necessary)  
See instructions

**Water check** - Tank 004 has 0.81" and 005 has 0.00" of water

**Tank 004 and 005 are compliant for tank construction and corrosion protection.** Tanks 004 and 005 are double wall ACT 100 with continuous interstitial monitoring. They were installed in August 1990.

**Pipe 004 and 005 are compliant for piping construction and corrosion protection.** The main piping runs are double wall flexible pipe. The metallic fittings are inside containments at the tank tops and dispenser. They have sensors in the piping containment sumps.

**Tank 004 and 005 are compliant for spill prevention.** Tanks 004 and 005 have spill containments in place and in good condition.

**Tank 004 and 005 are compliant for overfill protection.** Tanks 004 and 005 have overfill drop-tubes for overfill protection.

**Tank 004 and 005 are compliant for tank registration.** A current registration is on site.

**Tank 004 is compliant for tank release protection.** They are performing .2 tests weekly. They have 12 months of valid leak tests on site.

**Tank 005 is non-compliant for tank release protection.** They are performing .2 tests weekly. They have 11 months of valid leak tests on site. The tank did not pass in August 2011 due to low product.

Note: the facility has continuous interstitial monitoring and the capability to print liquid status reports. I showed the operator how to print the reports and they will begin printing out and maintaining the reports.

**Pipe 004 and 005 are non-compliant for piping release detection.** Tank 004 and 005 are suction line with the check valve at the tank top. Their leak detection method is interstitial monitoring but no liquid status reports were being printed or log sheet maintained. I showed the operator how to print the reports and they will begin printing out and maintaining the reports and visually inspecting the dispenser sump and recording the results on the back of the liquid status report.

**Tank 004 and 005 are non-compliant for monthly sump checks.** There were no monthly sump checks being recorded. I showed the operator how to print the reports and they will begin printing out and maintaining the reports and visually inspecting the dispenser sump and recording the results on the back of the liquid status report.





# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

June 12, 2012

## NOTICE OF VIOLATION

*Chester Upland SD-  
T Farms Elem*

Nick Carabetta  
249 Bridgewater Rd  
Brookhaven, PA 19015

Facility Operations Inspection **PAST DUE** as of: 12/18/2011

RE: TOBY FARMS ELEM SCH, Facility No. 23-14086  
Chester Twp, Delaware County

Dear Nick Carabetta:

The due date for your Pennsylvania Department of Environmental Protection (DEP) Underground Storage Tank **Facility Operations Inspection** was 12/18/2011. It is now past due. Technical Standards for Underground Storage Tanks, 25 PA Code, Chapter 245 Subchapter E, requires that operations inspections be conducted at underground storage tank facilities within established frequencies. Failure to have your underground storage tank facility inspected by a Department certified third-party inspector with "IUM" certification is a violation of 25 PA Code §245.411 of the regulations promulgated under the Storage Tank and Spill Prevention Act.

In order to protect public health and prevent pollution of the environment, facility operations inspections, required by the Storage Tank and Spill Prevention Act, are intended to verify underground storage tank system and operator compliance with State and Federal requirements, adherence to current codes of practice developed by Nationally recognized associations, tank manufacturer's instructions, design engineer's specifications, suitability of continued service, and the technical and operations requirements contained in the act and regulations. The inspection also offers you a great opportunity to increase your own knowledge of your unique tank systems.

You can correct this violation by doing one of the following:

1. In the event that a Department certified third-party inspector with "IUM" certification has recently completed the inspection, please forward a copy of the inspection report to this office. Please be sure to verify that the report you are submitting to the Department is the proper one. A facility operations inspection report has the DEP logo on the top of the first page and contains a total of eight pages; or
2. If the underground storage tank system(s) were removed, please submit an amended "**Storage Tanks Registration / Permitting Application Form**" with the signature of the Department certified third-party tank handler with "UMR" certification that removed the tank system(s); or
3. If an inspection has not been completed, please contact this office immediately and provide the Department with the following information:
  - A. Your facility identification number (23-14086);
  - B. The name of the certified inspector and certification number; and
  - C. The scheduled inspection date.

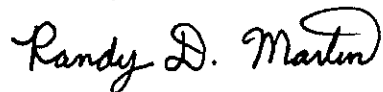
For questions regarding the inspection, this Notice of Violation, or to provide the requested information under choice 3, please contact Mr. Tim Slack at the Division of Storage Tanks in Harrisburg at 717.772.5810.

**Please respond within the next ten (10) days.**

This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

Thank you for your cooperation in this matter.

Sincerely,



Randy Martin,  
Chief, Underground Storage Tank Unit  
Division of Storage Tanks

cc: Facility File

Mr. Tom Canigiani, Southeast Regional Office, Storage Tanks



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

November 10, 2011

NICK CARABETTA  
249 BRIDGEWATER RD  
BROOKHAVEN PA 19015-2113

PROGRAM ECP *T.Farms Elem*  
FAC NAME Chester Upland SD  
COUNTY Dela.  
MUNICIPALITY Chester Twp  
FILE ID # 18203  
FILE TYPE # \_\_\_\_\_

Inspection Due Date: 12/18/2011

Re: Toby Farms Elem Sch, Facility No. 23-14086  
Chester Twp, Delaware County

100-200000  
2011-11-17  
NOV 17 '11

Dear Nick Carabetta:

The due date for your Pennsylvania Department of Environmental Protection (DEP) Underground Storage Tank **Facility Operations Inspection** for Toby Farms Elem Sch is shown above. The Technical Standards for Underground Storage Tanks, 25 PA Code Chapter 245 Subchapter E, requires that facility operations inspections be conducted at underground storage tank facilities at the following frequencies: Routine inspections every three years, within six to twelve months of a facility ownership change, within six to twelve months of the installation of a new storage tank system, and finally, any additional inspections as requested by the Department. If a facility operations inspection has not yet been performed, please schedule it now with a Department certified third-party inspector.

As a reminder, your inspection due date is reflected on your **"Storage Tanks Registration / Permit Certificate"** under the **"Next Insp Due By"** Column.

In order to protect public health and prevent pollution of the environment, facility operations inspections confirm tank system and operator compliance with technical and operational requirements of 25 PA Code Chapter 245 and the Storage Tank and Spill Prevention Act and offer you a great opportunity to increase your own knowledge of your unique tank systems.

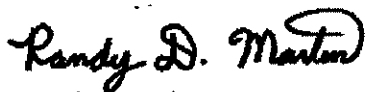
A Department certified third-party inspector with **"IUM"** certification must conduct the inspection and is obligated to submit the inspection form to the Department within sixty days of the date of the inspection. If you have not already done so, we suggest that you contact several certified inspection companies, which have employees certified in the **"IUM"** category, to obtain bids for the inspection work.

Information regarding underground storage tanks, including a current list of "Certified Tank Inspection Companies", can be found on our website. Our website can be located by typing [www.depweb.state.pa.us](http://www.depweb.state.pa.us) into any internet browser or by typing "PA DEP" into any internet search engine. From the PA DEP home page, begin by selecting "DEP Programs A-Z" on the left column of the website. Next, locate and click on the link to "STORAGE TANKS." To locate the certified inspector list, click on "Underground Storage Tanks" link on the right column of the Storage Tanks home page. Finally, click on the link to "Certified Tank Inspection Companies" which is located approximately five paragraphs down in the center of the page. Upon clicking "Certified Tank Inspection Companies," a booklet will open. This booklet is broken into PA DEP Regions and Counties. You may select any company that has a Department certified third-party inspector with "IUM" certification.

Please notify Mr. Tim Slack of your facility name, facility identification number (23-14086), the scheduled inspection date, and the certified inspector's name by calling the Division of Storage Tanks central office in Harrisburg at 717.772.5810.

Thank you for your cooperation.

Sincerely,



Randy Martin  
Chief  
UST Technical Unit  
Division of Storage Tanks

Enclosure

bcc: Mr. Tom Canigiani, Southeast Regional Office, Storage Tanks

RDM:DH:ses





Pennsylvania Department of Environmental Protection

2 East Main Street  
Norristown, PA 19401  
January 15, 2009

Southeast Regional Office

Phone: 484-250-5960  
Fax: 484-250-5961

**NOTICE OF VIOLATION**  
**REQUEST FOR RELEASE DETECTION RECORDS**

Mr. Nick Carabetta  
Toby Farms Elementary School  
249 Bridgewater Road  
Brookhaven, PA 19015

Re: Storage Tank Program  
Request for Release Detection Records  
Facility ID No. 23-14086  
Toby Farms Elementary School  
Trimble Boulevard & Bridgewater Road  
Chester Township  
Delaware County

Dear Mr. Carabetta:

On December 18, 2008, Department of Environmental Protection (Department) certified inspector Ed Guckin conducted a Facility Operations Inspection at the above referenced facility. An inspection report documenting the findings of that inspection was provided to you (or your representative) and the Department. A preliminary review of the report reveals that the facility is operating in violation of the release detection regulations as described in 25 Pa. Code Chapter 245, Subchapter E. As the facility owner and/or operator, you are obligated to comply with the Commonwealth's storage tank rules and regulations.

In order to verify that you have addressed the noncompliant release detection issues at this facility, we are requesting that no later than *April 15, 2009*, you submit the following:

- *Copies of valid tank and piping release detection records for the period of January, February and March 2009 for tanks 004 and 005.*

If you are unable to submit the requested information by the date noted above, we request that you cease operation of the noncompliant underground storage tank systems and empty them of all remaining product and submit the following information:

- Disposal documentation for the product removed from the noncompliant underground storage tanks; and,
- An amended registration form indicating that the tanks are *temporarily out of service*.

January 15, 2009

Be advised that a thorough review of the inspection could reveal additional issues or violations that need to be addressed. We recommend that you review your inspection report with a Department certified inspector prior to submitting the requested records.

Please be advised that continued operation of noncompliant tanks may subject you to actions by the Department, including penalties. The timeliness of your response and your cooperation will be a consideration in any Department action.

This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions pertaining to storage tank system compliance or this letter, please contact me at 484-250-5705.

Sincerely,



Julie Baniewicz  
Water Quality Specialist  
Environmental Cleanup

cc: Chester Township  
Mr. Ed Guckin  
Mr. Walt Nagel, CO  
Re 30 JB

INSR# 1760230

ENF# 241948



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT  
STORAGE TANK DIVISION

**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION**

**FOR DEP USE ONLY**

Reviewer \_\_\_\_\_  
Date \_\_\_\_\_  
Entered by \_\_\_\_\_  
Date \_\_\_\_\_

**FACILITY INFORMATION**ID Number 23 - 14086Name Toby Farms Elementary SchoolAddress Trimble Blvd & Bridgewater RdChester, PA 19015Municipality Chester Twp.**Representative Present During Inspection**Name Ron RotterPhone 610-447-3821
☐ Owner    ☐ Operator    ☒ Employee    ☐ None
**CERTIFIED INSPECTOR**Name Ed GuckinID No. 2552Phone 215-870-8291E-mail edguckin@aol.com

Date of First Site Visit (month/day/year)

12/18/2008**OPERATOR (if different than owner)**

Name \_\_\_\_\_

Address \_\_\_\_\_

**Financial Responsibility discussed with owner**Yes ☒No ☐

- Provided by USTIF. Owner must have deductibles available as provided in Subchapter H of the regulations.
- Required of all UST owners except state agencies.

**Suspected or confirmed contamination observed**Yes ☐ (notify proper region within 48 hours)No ☒**Improperly closed or unregistered tanks present**Yes ☐ (provide comment)No ☒**Amended registration form required for (check all that apply):**

- |  |  |
|--|--|
| <input type="checkbox"/> Added tanks         | <input type="checkbox"/> Change in substance stored                          |
| <input type="checkbox"/> Closed tanks        | <input type="checkbox"/> Change of operational status (in or out of service) |
| <input type="checkbox"/> Change in tank size | <input type="checkbox"/> Change of owner                                     |

**Inspection summary.**

Indicate the compliance status of each item below using the following codes: N = Noncompliant    C = Compliant

	Tank No. 004	Tank No. 005	Tank No.	Tank No.	Tank No.
Tank Construction and Corrosion Protection	C	C			
Piping Construction and Corrosion Protection	C	C			
Spill Prevention	C	C			
Overfill Prevention	C	C			
Registration Certificate Display	C	C			
Tank Release Detection	N	N			
Piping Release Detection	N	N			

I, the DEP Certified Inspector (IUM), have inspected the entire above referenced facility including examining manways, sumps, monitoring wells and dispensers. Based on my personal observation of the facility and documentation provided by the owner, I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate and complete to the best of my knowledge and belief.

Certified Inspector's Signature

Date

As the representative of the owner or operator, I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate and complete to the best of my knowledge and belief.

Signature

Title

Date

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary School Date 12/18/2008 Facility ID 23 - 14086

- I. TANK SYSTEM INFORMATION.** For each tank, write in the Tank Number at the top of the column, its capacity, substance stored, installation date, manifold condition ("—" if not a drone tank) and product level directly underneath. Fill in the remainder of the Tank System Information using the proper Tank System Component Code from the lists at the bottom of the page. Where multiple codes are allowed and used for a tank component, describe the arrangement in the COMMENTS section.

	Tank No. 004	Tank No. 005	Tank No.	Tank No.	Tank No.	DEP Use
1. Tank capacity (name plate gallons)	10000	10000				
2. Substance currently stored	GAS	DIESEL				
3. Installation date (mm/yyyy)	8/1/1990	8/1/1990				
4. This drone tank is manifolded to tank number	---	---				
5. Product level, in inches, at time of inspection	54.59	48.07				
6. Total secondary containment on this tank system	Y	Y				(18)
7. Tank construction and corrosion protection	G	G				(1)
8. Main piping construction and corrosion protection	K	K				(2)
9. Piping sumps tested tight	N	N				(21)
10. Dispenser pans under each dispenser tested tight	N	N				(22)
11a. Piping flexible joints/connectors construction at tank	I	I				(PFLX)
11b. Piping flexible joints/connectors construction at dispenser	I	I				(PFLX)
12. Pump (product dispensing) system	B	B				(4)
13. Spill protection	Y	Y				(6)
14. Overfill type	S	S				(7)
15. Current registration certificate display	Y	Y				(8)
16. Stage I vapor recovery	B	N				(19)
17. Stage II vapor recovery	A	N				(20)
Evaluate the tank system leak detection methods carefully before filling in the next 3 rows.						
18. Tank release detection	E	E				(12)
19. Piping small release detection (0.2 gph monthly or 0.1 gph annually)	D	D				(5)
20. Pressure (line 12 is C or D) piping line leak detector (LLD function)	H	H				(5) (23)

## **Tank System Component Codes**

- |   |   |   |
|---|---|---|
| <p><b>6. Total secondary containment</b><br/>Y Yes<br/>N No</p> <p><b>7. Tank construction</b><br/>A Single-wall steel, unprotected<br/>B Single-wall, galvanic anodes<br/>C Impressed current protection<br/>D Double-wall steel, unprotected<br/>E Single-wall fiberglass (FRP)<br/>F Double-wall fiberglass (FRP)<br/>G Steel with plastic or fiberglass jacket (includes double-wall Act 100)<br/>H Steel with FRP coating (Act 100 or equivalent)<br/>I Steel with lined interior<br/>J Concrete<br/>N Unknown<br/>O Double-wall, steel primary, galvanic anodes<br/>P Cathodically protected and lined<br/>99 Other (must provide written comment)</p> <p><b>8. Main piping construction</b><br/>A Bare steel (including only wrapped or coated)<br/>B Cathodically protected, metallic<br/>C Copper, unprotected<br/>D Fiberglass or rigid non-metallic<br/>E Single-wall, flexible non-metallic<br/>F Unknown<br/>G No dispensing piping (most used oil tanks)<br/>I Double-wall, metallic primary<br/>J Double-wall rigid (FRP) primary<br/>K Double-wall flexible primary<br/>99 Other (must provide written comment)</p> <p><b>9. Piping sumps tested tight</b><br/>Y Yes - present and tested<br/>N No</p> <p><b>10. Dispenser pans tested tight</b><br/>Y Yes - present and tested</p> | <p><b>11. Piping flexible joints/connectors</b><br/>A Unprotected metallic component(s) (including only wrapped or coated)<br/>B Cathodically protected, metallic<br/>C Flexible coupling with protected metallic ends<br/>F Unknown<br/>I Completely inside a containment sump, secondary pipe or liner<br/>M Completely jacketed with sealed boot<br/>N NO jacket, not in contact with the ground<br/>X None<br/>99 Other (must provide written comment)</p> <p><b>12. Pump (delivery) system</b><br/>A Suction, check valve at pump or siphon bar only<br/>B Suction, check valve at tank<br/>C Pressure<br/>D Gravity flow to dispenser/pump<br/>E None</p> <p><b>13. Spill protection</b><br/>Y Spill containment<br/>E Filled in less than 25 gallon increments<br/>N None present or needs repair</p> <p><b>14. Overfill type</b><br/>S Drop tube shut off device<br/>A Overfill alarm (provide description and location in comment section)<br/>B Ball float valve<br/>E Filled in less than 25 gallon increments<br/>N None present or not usable</p> <p><b>15. Current registration certificate display</b><br/>Y Properly displayed<br/>N Not displayed</p> <p><b>16. Stage I vapor recovery</b><br/>A Coaxial<br/>B 2 port<br/>N Not complete or none</p> | <p><b>17. Stage II vapor recovery</b><br/>A Complete balance system<br/>B Complete assist system<br/>C UG piping only; not complete<br/>N None of the above</p> <p><b>18. Tank release detection</b><br/>A Inventory Control and Tank Tightness Testing every 5 years<br/>C Manual Tank Gauging (36 Hour) and Tank Tightness Testing (TTT) every 5 years<br/>D Statistical Inventory Reconciliation (SIR)<br/>E Automatic Tank Gauging (0.2 gph Leak Test)<br/>F Manual Tank Gauging (36 Hour), no TTT<br/>G Manual Tank Gauging (44 or 58 Hour)<br/>H Interstitial Monitoring (2 Walls)<br/>I Interstitial Monitoring (Liner)<br/>J Groundwater Monitoring<br/>K Vapor Monitoring<br/>N None<br/>O Exempt (must provide written comment)</p> <p><b>19. Piping small release detection (0.2/0.1 gph)</b><br/>B Annual Line Tightness Test (pressure)<br/>C Line Tightness Test - 3 years (suction)<br/>D Interstitial Monitoring (monthly)<br/>E Groundwater Monitoring<br/>F Vapor Monitoring<br/>H None<br/>I Exempt (must provide written comment)<br/>J Statistical Inventory Reconciliation (SIR)<br/>K Electronic Line Leak Detector (0.1 or 0.2 gph test)</p> <p><b>20. Piping line leak detection (3 gph within 1 hr.)</b><br/>A Mechanical Line Leak Detector (incl. test)<br/>H None<br/>K Electronic Line Leak Detector (3 gph test)<br/>L Continuous Interstitial Monitoring with alarm (old system) or pump shut off</p> |
|---|---|---|

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

**Facility Name** Toby Farms Elementary Sch. **Date** 12/18/2008 **Facility ID** 23 - 14086

## **II. Release Detection Reference**

- Records may be located at the facility or a readily available alternate site.
- The records include all of the information listed below for chosen release detection methods.
- The inspector has actually seen the records.
- A test with an inconclusive result or failure is an indication of a (suspected) product release.

**Tank System**   **Tank System**   **Tank System**   **Tank System**   **Tank System**  
004   005                  

**Instructions:**   Check the box to indicate that a criterion has been met.  
 Circle the box to indicate that a criterion has not been met.  
 Circle with "N/A" when a criterion is not applicable (provide comment).

### **Inventory Control: (Tank only – code A)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	less than 10 years since tank installation or addition of corrosion protection to bare steel tank (Usable only until 12/22/2008, for systems installed before 11/10/2007.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	stick (or ATG) capable of measuring to 1/8th inch
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	stick (or ATG) readings and dispenser readings each operating day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1/8th inch accuracy in product (stick) readings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	before/after delivery stick readings reconciled with delivery receipts
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	deliveries made through a drop tube
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	dispenser meter calibrated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	monthly check for water (1/8th inch accuracy)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	monthly reconciliation (1% of volume pumped plus 130 gallons) performed

### **Precision Tightness Test (TTT): (Tank only – code A or C)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	complete documentation of tightness test available
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	performed by UTT certified installer (after 9/28/96)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	manufacturer's certification of ability to detect 0.1 gph release is available
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	date of last test: _____, result: _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	method used (after 10/11/1994): _____

### **Automatic Tank Gauging: (Tank only – code E)**

Does the automatic tank gauge perform continuous in-tank release detection? ☐ Yes, ☒ No

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	valid monthly leak test conducted and documented
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ATG manufacturer: <u>Gilbarco</u> ATG model: <u>EMC</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	manufacturer's certification of ability to detect 0.2 gph release is available
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	probes and gauge software certified for manifolded tank systems
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>when not specifically certified, the siphon must be broken to properly test</li> </ul>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	maintenance records, for the last year, including calibration, preventative and repair equipment is operational

### **Manual Tank Gauging: (Tank only – code C, F or G)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	tank capacity is 2,000 gallons or less
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	performed weekly
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1/8th inch accuracy stick readings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	average 2 stick readings before and after test
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	test length appropriate for each tank
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>36 hours minimum</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>for tanks requiring tightness test (code C): tank has been installed less than 10 years or less than 10 years since first corrosion upgrade, and installed prior to 11/10/2007</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>44 hours, 551-1000 gallons, 64" diameter, no tightness test</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>58 hours, 551-1000 gallons, 48" diameter, no tightness test</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	variation is within standard (both weekly and monthly)

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary School Date 12/18/2008 Facility ID 23 – 14086

## **II. RELEASE DETECTION REFERENCE (continued)**

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

Instructions: Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

### **Interstitial Monitoring: (Tank code H or I)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

interstitial area monitored monthly  
interstitial sensors properly placed (per manufacturer's instructions)  
monitoring wells (secondary barrier) or ports are clearly marked and secured  
maintenance records, for the last year, including preventative and repair  
equipment manufacturer's performance claims are available  
secondary barrier is compatible with and impermeable to the stored substance

### **Statistical Inventory Reconciliation: (Tank code D and/or Piping code J)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

manufacturer's certification of ability to detect 0.2 gph release is available  
data is collected according to the test vendor's instructions  
analysis completed monthly and valid results supplied to owner/operator within 20 days  
• valid reports include calculated leak rate, minimum detectable leak rate, leak threshold, probability of detection and probability of false alarm  
suspected releases properly investigated within 7 days of inconclusive or failed report to confirm or deny the occurrence of a release  
test vendor: \_\_\_\_\_

### **Groundwater Monitoring: (Tank code J and/or Piping code E)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

regulated substance stored is immiscible in water and has specific gravity less than 1  
groundwater is within 20 feet of surface grade and soil hydraulic conductivity is greater than or equal to 0.01 cm/sec  
casing is properly slotted and allows entry of product during high and low groundwater conditions  
wells are sealed from ground surface to the top of the filter pack  
site evaluation verifies the above information and wells are located according to site evaluation; attach page with evaluator authentication to the inspection report  
monitoring devices can detect 1/8 inch of product or less on water  
maintenance records, for the last year, including calibration, preventative and repair  
equipment manufacturer's performance claims are available  
monitoring wells are marked and secured  
wells monitored and results recorded monthly in accordance with site evaluation

### **Vapor Monitoring: (Tank code K and/or Piping code F)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

stored substance is sufficiently volatile and backfill allows diffusion of vapors from releases  
the monitoring device is not rendered inoperative by groundwater, rainfall or soil moisture  
background contamination will not interfere with vapor monitoring  
vapor monitors are designed and operated to detect increases in concentrations of stored substance  
site evaluation verifies above information and wells are located according to the site evaluation; attach page with evaluator authentication to the inspection report  
maintenance records, for the last year, including calibration, preventative and repair  
equipment manufacturer's performance claims are available  
monitoring wells are marked and secured  
wells monitored and results recorded monthly in accordance with site evaluation



# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Sch. Date 12/18/2008 Facility ID 23 – 14086

## **II. RELEASE DETECTION REFERENCE (continued)**

Pipe Pipe Pipe Pipe Pipe  
System System System System System  
004 005 — — —

Instructions: Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

### **Interstitial Monitoring: (Piping code D and/or L)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

interstitial area monitored monthly (required)  
secondary enters sump and allows a release to contact probe/sensor  
interstitial sensors properly placed (per manufacturer's instructions)  
monitoring wells or ports (when used) are clearly marked and secured  
maintenance records, for the last year, including preventative and repair  
equipment manufacturer's performance claims are available  
secondary barrier (pipe) is compatible with and impermeable to the stored substance  
(Code L only) continuous monitoring used as line leak detector (gravity or pressurized piping) – capable of detecting 3.0 gph release within 1 hour  
(Code L only) system tested for operability within the last year  
(Code L only) monthly "sensor status" (or equivalent) records available  
(Code L only) product in sump shuts off pump

### **Piping Tightness (Line) Testing: (Piping only – code B, C or K (0.1))**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

test conducted at proper frequency  

- conducted annually for **pressurized** piping without monthly monitoring
- conducted every 3 years for **suction** piping not meeting code I requirements

date of last test: \_\_\_\_\_  
method used: \_\_\_\_\_  
test certification of ability to detect 0.1 gph release at 1.5 times operating pressure is available  
if test device permanently installed, maintenance records, for the last year, including calibration, preventative and repair

### **Automatic (mechanical) Line Leak Detector: (PRESSURIZED Piping only – code A)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

annual operational test of leak detector according to manufacturer's instructions  
date tested: \_\_\_\_\_  
certification of ability to detect a release of 3 gph at 10 psig within 1 hour is available  
maintenance records, in addition to the annual test, for last year, including calibration, preventative and repair  
pump is automatically shut off on detection of a possible release

### **Electronic Line Leak Detector: (PRESSURIZED Piping only – code K)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

self checking or system tested for operability within the last year  
date tested: \_\_\_\_\_  
certification of ability to detect a release of 3 gph at 10 psig within 1 hour is available  
maintenance records, in addition to annual test, for last year, including calibration, preventative and repair  
continuously monitors piping  
device shuts off pressure pump on test failure

Is the electronic leak detector performing the "monthly" monitoring function? ☐ Yes, ☐ No If yes:  
☐ third-party certification of ability to detect 0.2 gph release is available  
☐ documentation of monthly test available for last year

Is the electronic leak detector performing the "annual" monitoring function? ☐ Yes, ☐ No If yes:  
☐ third-party certification of ability to detect 0.1 gph release is available  
date passing test(s) \_\_\_\_\_

## UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION

Facility Name Toby Farms Elementary Sch. Date 12/18/2008 Facility ID 23 – 14086

### II. RELEASE DETECTION REFERENCE (continued)

Tank Tank Tank Tank Tank  
System System System System System  
004 005 — — —

Instructions: Check the box to indicate that a criterion has been met.  
Circle the box to indicate that a criterion has not been met.  
Circle with "N/A" when a criterion is not applicable (provide comment).

#### Exempt Suction System: (SUCTION piping only – code I)

NOTE: No further release detection required on piping meeting all these criteria.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

the tank top is lower than the suction pump inlet  
the below grade piping slopes uniformly back to the tank  
there is no more than one check valve in the piping  
the check valve is located close to or inside the suction pump  
compliance with above specifications can be readily determined; describe in comments (Section IV.)

#### IUM Release Detection Record Review: (All release detection codes)

- An empty tank (less than 1" of product/sludge) or a tank supplying an emergency generator only is not required to perform release detection. Indicate date emptied or that it is an emergency generator tank in comments (Section IV).
- Recently installed tank systems must begin performing release detection immediately after receiving product. Indicate date of first product receipt in comments (Section IV).

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank release detection records for the last 12 months the system contained product are available  
tank release detection records are valid and passing  
piping release detection records for the last 12 months the system contained product are available  
piping release detection records are valid and passing

### III. CORROSION PROTECTION COMPLIANCE CRITERIA

#### Lined Tanks: (Tank only – code I)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank inspected and lined according to national standard  
date lined: \_\_\_\_\_  
tank initially inspected 10 years after lining and every 5 years thereafter  
date(s) inspected: \_\_\_\_\_

#### Galvanic Cathodic Protection: (Tank code B or O, and/or Piping (may include code B))

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

structure to soil potential (include values in comments) greater than 0.85 volts, or  
meets other nationally recognized protection standard: specify: \_\_\_\_\_  
tank monitoring satisfactory: last 2 dates: \_\_\_\_\_  
piping/flex monitoring satisfactory: last 2 dates: \_\_\_\_\_  

- monitoring conducted within six months of installation
- monitoring conducted every three years
- monitoring conducted within 6 months of repair or system disturbance

#### Impressed Current Cathodic Protection: (Tank code C or P, and/or Piping (may include code B))

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

structure to soil potential (include values in comments) greater than 0.85 volts, or  
meets other nationally recognized protection standard: specify: \_\_\_\_\_  
documentation of last two monitoring results  
date(s) measured: \_\_\_\_\_  

- monitoring conducted within six months of installation
- monitoring conducted every three years
- monitoring conducted within 6 months of repair or system disturbance

documentation of last three amp (plus volt and runtime when meters available) readings documented (include values in comments)  

- readings recorded every 60 days

system is turned on and functioning within design limits  
system designed by a corrosion expert

**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Sch. Date 12/18/2008 Facility ID 23 - 14086

**III. CORROSION PROTECTION COMPLIANCE CRITERIA** (continued)

**If Cathodic Protection or supplemental anodes were added to existing tanks, fill in the following (Information is Required for Compliance):**

Date assessed: \_\_\_\_\_

Date installed: \_\_\_\_\_

Tank Shell Assessment Method: \_\_\_\_\_

☒ Check for water in tank(s) and sump(s) conducted – results in Comments.

**IV. COMMENTS** should include – suspected contamination; improperly closed or unregistered tanks; “other” tank system attributes; tank system modifications (with date); estimated installation date when actual date is unknown; release detection exemptions, missing months and months with failures or inconclusives; description of suspected release investigations; rectifier readings; CP surveys; owner/operator actions needed for compliance; changes at site since initial inspection (with date); explanation of N/As; recommendations made to owner/operator; description of technical assistance given to the owner/operator; date(s) of last containment test and other information that would be helpful to the owner, operator or DEP when reviewing the inspection.

Reference section and tank number for each comment.

**Tank Construction – Compliant** – Tanks 004 & 005 – The tanks are double wall steel act 100 tanks with continuous interstitial monitoring.

**Piping Construction – Compliant** – Tanks 004 & 005 – The piping is double wall flexible piping with sumps at both the tank and under the dispensers. The metallic fittings are inside the sumps.

**Tank Release Detection – Non Compliant** – Tanks 004 & 005 – The ATG is performing weekly 0.2 G.P.H. in tank leak tests. There are valid leak tests for both tanks for January 2008 thru June 2008 and November & December 2008. The ATG was out of paper July thru October 2008, so there are no results for that period. I did print out a 0.2 G.P.H. 12 month leak test history which indicates passing tests monthly for both tanks. I recommend printing “Liquid Status Reports” weekly to comply with Interstitial Monitoring requirements for tank release detection.

**Piping Release Detection – Non Compliant** – Tanks 004 & 005 - The piping is an American style suction system and requires piping release detection. It is being continually monitored with the ATG, but requires printing the Liquid Status Reports at least every 30 days. There are no liquid status reports available. I showed Ron Rotter how to print the reports and informed him that they must be kept for at least one year.

**NOTE:** Printing “Liquid Status” reports monthly is necessary for compliance for piping release detection. Printing the Liquid Status at least every 30 days would meet the leak detection requirements for both the tank and piping. I recommend printing the report weekly and keeping it in an envelope marked “Leak Detection” for easy review.





Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building

P.O. Box 8763

Harrisburg, PA 17105-8763

November 18, 2008

Bureau of Waste Management

In PA: 1-800-42-TANKS  
Local & Out of State: 717-772-5599

**NOTICE OF VIOLATION**

Nick Carabetta  
249 Bridgewater Rd  
Brookhaven, PA 19015

RE: Facility Operations Inspection  
TOBY FARMS ELEM SCH, Facility No. 23-14086  
Chester, Delaware County

Dear Nick Carabetta:

On 8/20/2008 the Department sent you a letter requesting that a Facility Operations Inspection be performed by a DEP certified inspector on or before **8/30/2008**. To date, we have no record that the requested inspection was performed. Technical Standards for Underground Storage Tanks, 25 PA Code Chapter 245 Subchapter E, requires that operations inspections be conducted at underground storage tank facilities every three years at minimum. Failure to have your underground storage tank facility inspected by a certified third party inspector within the three year period is a violation of 25 PA Code §245.411 (Inspection Frequency) of the regulations promulgated under the Storage Tank and Spill Prevention Act.

The facility inspection, required by the Storage Tank and Spill Prevention Act, is intended to verify underground storage tank facility compliance with the technical and operations requirements contained in the act and regulations. You can correct this violation by doing one of the following:

1. In the event a third party inspection has been completed, forward a copy of the inspection report to this office; or
2. If the storage tank system(s) were removed, send us an amended registration form with the certified person's signature who removed the tank system(s); or
3. If an inspection has not been completed, contact this office and provide the Department the following information:
  - A. The scheduled inspection date,
  - B. The certified inspector's name and certification number, and
  - C. Your facility identification number.

November 18, 2008

The information for choice 3, or questions regarding the inspection, this letter or obtaining a certified inspectors list can be telephoned to Ms. JoAnne Yurcaba of the Division of Storage Tanks at the above numbers. **Please respond within the next ten (10) days.**

This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

Sincerely,



Virginia T. Economos  
Environmental Protection Compliance Specialist  
Division of Storage Tanks

cc: Facility File  
Tom Canigiani, Southeast Regional Office, Storage Tanks

VTE:dmh



04/06/2009 22:54

6104473840

PAGE 02/02

APR 12, 2009 6:00

GAS  
 25. 2009 6:00

STOP IN-TANK LEAK TEST  
 T 1:GAS  
 MAR 29, 2009 6:00

STOP IN-TANK LEAK TEST  
 T 1:GAS  
 FEB 15, 2009 6:00

CHESTER UPLAND SCHOOL  
 1720 MELROSE AVE  
 CHESTER, PA 19013  
 60939802905001

CHESTER UPLAND SCHOOL  
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 1720 MELROSE AVE  
 CHESTER, PA 19013  
 60939802905001

25. 2009 6:00

MAR 29, 2009 6:00

FEB 15, 2009 6:00

APR 12, 2009 6:00

TEST REPORT

LEAK TEST REPORT

LEAK TEST REPORT

LEAK TEST REPORT

GAS  
 SERIAL NUM 140948

T 1:GAS  
 PROBE SERIAL NUM 140948

T 1:GAS  
 PROBE SERIAL NUM 140948

T 1:GAS  
 PROBE SERIAL NUM 140948

STARTING TIME:  
 5. 2009 2:00

TEST STARTING TIME:  
 MAR 29, 2009 2:00

TEST STARTING TIME:  
 FEB 15, 2009 2:00

TEST STARTING TIME:  
 APR 12, 2009 2:00

LENGTH = 4.0 HRS  
 VOLUME = 4113.7 GAL

TEST LENGTH = 4.0 HRS  
 STRT VOLUME = 9411.6 GAL

TEST LENGTH = 4.0 HRS  
 STRT VOLUME = 2039.3 GAL

TEST LENGTH = 4.0 HRS  
 STRT VOLUME = 7962.1 GAL

TEST RESULTS  
 GAL/HR TEST PASS

LEAK TEST RESULTS  
 0.20 GAL/HR TEST PASS

LEAK TEST RESULTS  
 0.20 GAL/HR TEST PASS

LEAK TEST RESULTS  
 0.20 GAL/HR TEST PASS

IN-TANK LEAK TEST  
 DIESEL  
 11. 2009 6:00

STOP IN-TANK LEAK TEST  
 T 2:DIESEL  
 MAR 29, 2009 6:00

STOP IN-TANK LEAK TEST  
 T 2:DIESEL  
 FEB 15, 2009 6:00

STOP IN-TANK LEAK TEST  
 T 2:DIESEL  
 APR 12, 2009 6:00

CHESTER UPLAND SCHOOL  
 1720 MELROSE AVE  
 CHESTER, PA 19013  
 60939802905001

CHESTER UPLAND SCHOOL  
 1720 MELROSE AVE  
 CHESTER, PA 19013  
 60939802905001

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 CHESTER, PA 19013  
 60939802905001

CHESTER UPLAND SCHOOL  
 1720 MELROSE AVE  
 CHESTER, PA 19013  
 60939802905001

11. 2009 6:00

MAR 29, 2009 6:00

FEB 15, 2009 6:00

APR 12, 2009 6:00

TEST REPORT

LEAK TEST REPORT

LEAK TEST REPORT

LEAK TEST REPORT

DIESEL  
 SERIAL NUM 147238

T 2:DIESEL  
 PROBE SERIAL NUM 147238

T 2:DIESEL  
 PROBE SERIAL NUM 147238

T 2:DIESEL  
 PROBE SERIAL NUM 147238

STARTING TIME:  
 11. 2009 2:00

TEST STARTING TIME:  
 MAR 29, 2009 2:00

TEST STARTING TIME:  
 FEB 15, 2009 2:00

TEST STARTING TIME:  
 APR 12, 2009 2:00

LENGTH = 4.0 HRS  
 VOLUME = 5250.9 GAL

TEST LENGTH = 4.0 HRS  
 STRT VOLUME = 2965.2 GAL

TEST LENGTH = 4.0 HRS  
 STRT VOLUME = 7111.1 GAL

TEST LENGTH = 4.0 HRS  
 STRT VOLUME = 8044.5 GAL

TEST RESULTS  
 GAL/HR TEST PASS

LEAK TEST RESULTS  
 0.20 GAL/HR TEST PASS

LEAK TEST RESULTS  
 0.20 GAL/HR TEST PASS

LEAK TEST RESULTS  
 0.20 GAL/HR TEST PASS

Chester Upland sch Dist  
 To By Farms



# hp LaserJet 3015

DEP SERO ECP/WASTE  
4842505961  
Apr-17-2009 9:56AM



## Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
148	4/17/2009	9:55:51AM	Receive	6104473840	0:50	2	OK

04/06/2009 22:54 6104473840

PAGE 01/02

COVER

SHEET

FAX

To: Julie  
Fax #: 484-250-5961  
Subject: Gun Reading  
Date: 4-16-09  
Pages: 2, including this cover sheet.

### COMMENTS:

Hope this is what  
you are looking for -  
Please call + let me  
know Thank you  
Nick  
610-329-7227

From the desk of...  
Nicholas A. Carabatta  
Transportation Director  
Chatter Upland School District  
240 Bridgeview Road  
Chatter Twp, Pa 19015  
610-447-3821  
Fax: 610-447-3840



**COVER****SHEET****FAX**

To:

JL/12

Fax #:

484-250-5961

Subject:

Pump Readings

Date:

4-16-09

Pages:

2

, including this cover sheet.

COMMENTS:

Hope this is what  
you are looking for -  
Please call & let me  
know

Thank you  
Nick

610-329-7227

From the desk of...  
Nicholas A. Carabetta  
Transportation Director  
Chester Upland School District  
240 Bridgewater Road  
Chester Twp, Pa 19015  
610-447-3821  
Fax: 610-447-3840





DEP  
Julie

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

APR 27, 2009 9:02

LIQUID STATUS

APR 27, 2009 9:02

L 3:DIESEL BUMP  
SENSOR NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

APR 27, 2009 9:02

LIQUID STATUS

APR 27, 2009 9:02

L 4:DIESEL ANNULAR SPACE  
SENSOR NORMAL

Let me know IF this  
is what you wanted. I  
will send the next 3 mths  
Thanks for ALL your help

Nick CARABETTA  
610-329-7227

Toby Farns -  
Chester Upland



# hp LaserJet 3015

DEP SERO ECP/WASTE  
4842505961  
Apr-28-2009 8:56AM



## Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
224	4/28/2009	8:56:02AM	Receive	6104473840	0:28	1	OK

04/17/2009 21:54 6104473840

PAGE 01/01

*DEP  
Julie*

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

APR 27, 2009 9:02

LIQUID STATUS

APR 27, 2009 9:02

L 3:DIESEL SUMP  
SENSOR NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

APR 27, 2009 9:02

LIQUID STATUS

APR 27, 2009 9:02

L 4:DIESEL ANNULAR SPACE  
SENSOR NORMAL

*Let me know if this  
is what you wanted. I  
will send the next 3 mths  
Thanks for all your help*

*NICK CARABETTA  
610-329-7227  
Toby Farms -  
Chester Upland.*



TEST TYPE: LEAK TEST  
T 1: GAS  
JUN 20, 2009 6:00

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUN 28, 2009 6:00

LEAK TEST REPORT

T 1: GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
JUN 28, 2009 2:00

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 3477.6 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

STOP IN-TANK LEAK TEST  
T 2: DIESEL  
JUN 28, 2009 6:00

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUN 28, 2009 6:00

LEAK TEST REPORT

T 2: DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
JUN 28, 2009 2:00

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 6850.0 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

Julie

This is my  
June. I think  
you have ALL  
my test

Thank  
you.

Nick  
CARABETTA  
610-329-7227

Chester Upland  
Sch Dist  
Toby Farns





# hp LaserJet 3015

DEP SERO ECP/WASTE  
4842505961  
Jul-7-2009 12:17PM



## Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
732	7/ 7/2009	12:15:15PM	Receive	6104473840	1:43	1	OK

06/20/2009 20:22 6104473840 PAGE 01/01

STIV. IN-TANK LEAK TEST  
T 1:GAS  
JUN 28, 2009 6:00

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUN 28, 2009 6:00

LEAK TEST REPORT

T 1:GAS  
PROBE SERIAL NUM 140949

TEST STARTING TIME:  
JUN 28, 2009 2:00

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 3477.6 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

STOP IN-TANK LEAK TEST  
T 2:DIESEL  
JUN 28, 2009 6:00

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUN 28, 2009 6:00

LEAK TEST REPORT

T 2:DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
JUN 29, 2009 2:00

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 6890.0 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

Julie

This is my  
June. I think  
you have ALL  
my test

Thank  
you.

Nick  
CARABETH  
610-329-7227

Chester Upland  
Sch Dist  
Toby Farms



T 1:GAS  
JUN 28, 2009 6:00

CHESTER UPLAND SCHOO  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUN 28, 2009 6:00

LEAK TEST REPORT

T 1:GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
JUN 28, 2009 2:00

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 3477.6 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

STOP IN-TANK LEAK TEST  
T 2:DIESEL  
JUN 28, 2009 6:00

CHESTER UPLAND SCHOO  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUN 28, 2009 6:00

LEAK TEST REPORT

T 2:DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
JUN 28, 2009 2:00

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 6850.0 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

Julie

This is my  
June. I think  
you have ALL  
my test

Thank  
you

Nick  
CARABETTA  
610-329-7227

Chesterupland  
Sch Dist  
Toby Farns



CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUL 8, 2009 6:00

# INVENTORY REPORT

T 1:GAS  
VOLUME = 2962 GALS  
ULLAGE = 7127 GALS  
90% ULLAGE = 6118 GALS  
TC VOLUME = 2943 GALS  
HEIGHT = 32.15 INCHES  
WATER VOL = 13 GALS  
WATER = 0.84 INCHES  
TEMP = 66.4 DEG F

T 2:DIESEL  
VOLUME = 6684 GALS  
ULLAGE = 3405 GALS  
90% ULLAGE = 2396 GALS  
TC VOLUME = 6661 GALS  
HEIGHT = 60.39 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 67.6 DEG F

\*\*\*\*\* END \*\*\*\*\*

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUL 8, 2009 7:40

# LIQUID STATUS

JUL 8, 2009 7:40

L 1:GASOLINE SUMP  
SENSOR NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUL 8, 2009 7:40

# LIQUID STATUS

JUL 8, 2009 7:40

L 3:DIESEL SUMP  
SENSOR NORMAL

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUL 7, 2009 17:30

# INVENTORY REPORT

T 1:GAS  
VOLUME = 2962 GALS  
ULLAGE = 7127 GALS  
90% ULLAGE = 6118 GALS  
TC VOLUME = 2948 GALS  
HEIGHT = 32.14 INCHES  
WATER VOL = 13 GALS  
WATER = 0.84 INCHES  
TEMP = 66.3 DEG F

T 2:DIESEL  
VOLUME = 6684 GALS  
ULLAGE = 3405 GALS  
90% ULLAGE = 2396 GALS  
TC VOLUME = 6661 GALS  
HEIGHT = 60.39 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 67.6 DEG F

\*\*\*\*\* END \*\*\*\*\*





# hp LaserJet 3015

DEP SERO ECP/WASTE  
4842505961  
Jul-9-2009 1:16PM



## Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
754	7/ 9/2009	1:15:20PM	Receive	6104473840	0:42	2	OK

06/22/2009 20:35 6104473840 PAGE 01/02  
T 1:00AM  
JUN 28, 2009 6:00  
CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60593902905001  
JUN 28, 2009 6:00  
LEAK TEST REPORT  
T 1:00AM  
PROBE SERIAL NUM 140348  
TEST STARTING TIME:  
JUN 28, 2009 2:00  
TEST LENGTH = 4.0 HRS  
STRT VOLUME = 3477.6 GAL  
LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS  
STOP IN-TANK LEAK TEST  
T 2:DIESEL  
JUN 29, 2009 6:00  
CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60593902905001  
JUN 28, 2009 6:00  
LEAK TEST REPORT  
T 2:DIESEL  
PROBE SERIAL NUM 147238  
TEST STARTING TIME:  
JUN 29, 2009 2:00  
TEST LENGTH = 4.0 HRS  
STRT VOLUME = 6050.0 GAL  
LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

Julie

This is my  
June. I think  
you have ALL  
my test

Thank  
you.

Nick  
CARABETH  
610-329-7227

Chesterupland  
Sch Dist  
Toby Farns





Pennsylvania Department of Environmental Protection

2 East Main Street  
Norristown, PA 19401  
March 23, 2009

Southeast Regional Office

Phone: 484-250-5960  
Fax: 484-250-5961

**NOTICE OF VIOLATION**

Mr. Nick Carabetta  
249 Bridgewater Road  
Brookhaven, PA 19015

Re: Storage Tank Program  
Registration/Operating Permit  
Facility ID No. 23-14086  
Toby Farms Elementary School  
Trimble Boulevard & Bridgewater Road  
Chester Township, Delaware County

Dear Mr. Carabetta:

A review of Department records indicate that registration fees for the 2009-2010 registration period for your storage tank system(s) are delinquent in the amount of \$100.00.

Department rules and regulations require the payment of an annual registration fee. Your registration fee was due by February 4, 2009. To date, the Department has not received your registration fee payment. Failure to pay your annual registration fee is a violation of Chapter 245.42.

Payment of the annual registration fee is one of the conditions for continued maintenance of your storage tank operating permit under Chapter 245.212. In addition, for underground storage tanks, timely and current payment of registration fees is one of the requirements for participation in the Underground Storage Tank Indemnification Fund (USTIF), which is required under Chapter 245.704. Failure to pay registration fees will also void your USTIF coverage, making you ineligible for USTIF monies for cleaning up releases from underground storage tanks, which may occur at your facility.

To avoid suspension or revocation of your operating permit or loss of your USTIF coverage, please submit a check to my attention at the above address. The check should be made payable to "PA DEP" and should be submitted no later than April 1, 2009. Failure to submit the fee by this date may result in the Department assessing a penalty in addition to the delinquent registration fees and/or the issuance of an order to cease operating the tank system(s).

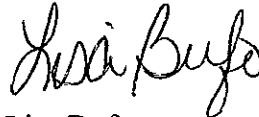
Please verify the correct address to which the registration fee invoices should be mailed.



This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions pertaining to storage tank system compliance or this letter, please contact Ms. Julie Baniewicz at (484) 250-5705.

Sincerely,

A handwritten signature in black ink, appearing to read "Lisa Bufo". The signature is fluid and cursive, with the first name "Lisa" and last name "Bufo" clearly distinguishable.

Lisa Bufo  
Administrative Assistant  
Environmental Cleanup

cc: Chester Township  
Ms. Dawn Heimbach, C.O.  
Ms. Julie Baniewicz  
Re 30



Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building

P.O. Box 8763

Harrisburg, PA 17105-8763

August 21, 2008

2008 AUG 27 AM 10:02

**Bureau of Waste Management**

In PA: 1-800-42-TANKS  
Local & Out of State: 717-772-5599

Nick Carabetta  
249 Bridgewater Rd  
Brookhaven, PA 19015

Inspection Due Date: 8/30/2008

Re: TOBY FARMS ELEM SCH, Facility No. 23-14086  
Chester, Delaware County

Dear Underground Storage Tank Owner:

The due date for a Facility Operations Inspection at TOBY FARMS ELEM SCH is shown above. The newly revised Technical Standards for Underground Storage Tanks, 25 PA Code Chapter 245 Subchapter E, requires that operations inspections be conducted at underground storage tank facilities every three years. The three year requirement may have changed the scheduled date for your facility's next inspection. Please note that the new inspection date may not be reflected on your Registration Certificate until its next renewal/issuance. If an inspection has not yet been performed please schedule it now.

Operations inspections confirm tank system and operator compliance with technical and operational requirements; release detection requirements are especially important. We want to assure that all storage tank systems are properly operated and maintained to protect public health and the environment and we appreciate your cooperation.

An inspector holding DEP certification in the IUM category must conduct operations inspections of underground storage tank systems. The certified inspector must complete and submit an operations inspection form to DEP. It is the tank owners' responsibility to make arrangements regarding the inspection, including obtaining a certified inspector to conduct the operations inspection. We suggest that you contact several certified inspection companies, which have employees certified in the IUM category, to obtain bids for the inspection work.

A current "Certified Inspection Companies" list, where certified IUM inspectors can be contacted, Frequently Asked Questions (FAQ) concerning Operations Inspections and the "Underground Storage Tank Facility Operations Inspection" form which the inspector must complete and submit to DEP are available by accessing our website from the state website: <http://pa.gov> Enter "DEP Storage Tanks" in the **PA Keyword** box. Choose the first result "Landrecwaste". At the Storage Tanks homepage click on "Underground Storage Tanks", then choose the link to "Certified Inspection Companies", FAQ or for the inspection report choose the link "Facility Operations Inspection Form".



August 21, 2008

Please notify the Department of the scheduled inspection date and certified inspector's name by returning the enclosed postcard. Or, if you prefer, you may telephone Ms. JoAnne Yurcaba at the Department's Division of Storage Tanks central office in Harrisburg at the phone number shown above.

Sincerely,

A handwritten signature in black ink, appearing to read "Virginia T. Economos".

Virginia T. Economos  
Environmental Protection Compliance Specialist  
Division of Storage Tanks

Enclosure

cc: Tom Canigiani, Southeast Regional Office, Storage Tanks,  
File

VTE: dmh



**Pennsylvania Department of Environmental Protection****2 East Main Street  
Norristown, PA 19401****June 28, 2007****Southeast Regional Office****Phone: 484-250-5960****Fax: 484-250-5961**

Mr. Nick Carabetta  
Chester Upland School District  
1720 McIrose Avenue  
Chester, PA 19013

Re: Storage Tank Program  
Operations Inspection  
Toby Farms Elementary School  
Facility ID No. 23-14086  
Trimble Boulevard and Bridgewater Road  
Chester Twp.  
Delaware County

Dear Mr. Carabetta:

On August 30, 2006, Department certified inspector Ed Guckin conducted a Facility Operations Inspection at the above referenced facility. The underground tanks identified in the inspection report are:

<u>Tank Number</u>	<u>Tank Size (gallons)</u>	<u>Product Stored</u>
004	10,000	Gasoline
005	10,000	Diesel

An inspection report documenting the findings of that inspection was provided to you (or your representative) and the Department.

We have reviewed the report to determine compliance with the Storage Tank and Spill Prevention Act and the applicable technical regulations in 25 Pa. Code Chapter 245. According to the inspector's report, the following violations exist:

1. For tank numbers 004 and 005, tank and piping release detection records were not available at the time of the inspection. You are required to maintain these records as per 25 Pa. Code, Chapter 245, Subchapter E.

You were contacted by the Department via telephone recently, and requested to submit the above release detection information. The Department received some information by fax, but it was inadequate to meet the requirements of the above regulation. Specifically, the information necessary to demonstrate compliance with the Department's regulations is the Liquid Status Reports for your facility. Mr.





STOP IN-TANK LEAK TEST  
T 1:GAS  
JUL 15, 2007 6:00 AM

CHESTER UPLAND SCHOO  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

SEP 20, 2007 3:51 PM

LEAK TEST REPORT

T 1:GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
SEP 16, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 4654.2 GAL

START TEMP = 74.2 F  
END TEMP = 74.2 F

TEST PERIODS 2-8  
0.00 0.02 0.03 0.05  
0.05 0.06 0.06

LEAK TEST RESULTS  
RATE = 0.02 GAL/HR  
0.20 GAL/HR TEST PASS

CHESTER UPLAND SCHOO  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUL 15, 2007 6:00 AM

LEAK TEST REPORT

T 1:GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
JUL 16, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 7367.0 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

STOP IN-TANK LEAK TEST  
T 1:GAS  
JUN 24, 2007 6:00 AM

CHESTER UPLAND SCHOO  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUN 24, 2007 6:00 AM

LEAK TEST REPORT

T 1:GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
JUN 24, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 8138.8 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

STOP IN-TANK LEAK TEST  
T 2:DIESEL  
JUL 15, 2007 6:00 AM

CHESTER UPLAND SCHOO  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

SEP 20, 2007 3:51 PM

LEAK TEST REPORT

T 2:DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
SEP 16, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 5828.6 GAL

START TEMP = 75.2 F  
END TEMP = 75.2 F

TEST PERIODS 2-8  
-0.00 -0.00 0.00 0.01  
0.01 0.02 0.03

LEAK TEST RESULTS  
RATE = 0.00 GAL/HR  
0.20 GAL/HR TEST PASS

CHESTER UPLAND SCHOO  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUL 15, 2007 6:00 AM

LEAK TEST REPORT

T 2:DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
JUL 15, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 3360.2 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

STOP IN-TANK LEAK TEST  
T 2:DIESEL  
JUN 24, 2007 6:00 AM

CHESTER UPLAND SCHOO  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

JUN 24, 2007 6:00

LEAK TEST REPORT

T 2:DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
JUN 24, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 3590.4 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS





Pennsylvania Department of Environmental Protection

2 East Main Street  
Norristown, PA 19401

June 28, 2007

**Southeast Regional Office**

Phone: 484-250-5960

Fax: 484-250-5961

Mr. Nick Carabetta  
Chester Upland School District  
1720 Melrose Avenue  
Chester, PA 19013

Re: Storage Tank Program  
Operations Inspection  
Toby Farms Elementary School  
Facility ID No. 23-14086  
Trimble Boulevard and Bridgewater Road  
Chester Twp.  
Delaware County

Dear Mr. Carabetta:

On August 30, 2006, Department certified inspector Ed Guckin conducted a Facility Operations Inspection at the above referenced facility. The underground tanks identified in the inspection report are:

<u>Tank Number</u>	<u>Tank Size (gallons)</u>	<u>Product Stored</u>
004	10,000	Gasoline
005	10,000	Diesel

An inspection report documenting the findings of that inspection was provided to you (or your representative) and the Department.

We have reviewed the report to determine compliance with the Storage Tank and Spill Prevention Act and the applicable technical regulations in 25 Pa. Code Chapter 245. According to the inspector's report, the following violations exist:

1. For tank numbers 004 and 005, tank and piping release detection records were not available at the time of the inspection. You are required to maintain these records as per 25 Pa. Code, Chapter 245, Subchapter E.

You were contacted by the Department via telephone recently, and requested to submit the above release detection information. The Department received some information by fax, but it was inadequate to meet the requirements of the above regulation. Specifically, the information necessary to demonstrate compliance with the Department's regulations is the Liquid Status Reports for your facility. Mr.



June 28, 2007

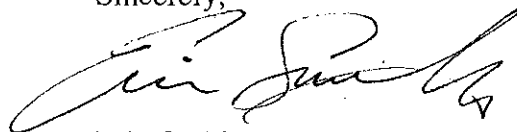
Guckin's August 30, 2006 inspection report indicates that he demonstrated to personnel the process used to print these reports.

The Department again requests three months of passing leak detection records for this facility. Please submit the June 2007 Liquid Status Reports for tanks 004 and 005 no later than July 2007. Thereafter, submit July 2007 and August 2007 reports by the first day of each following month. If you have not been printing these records, please begin to do so immediately, and retain them on file.

This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions pertaining to storage tank system compliance or this letter, please contact me at (484) 250-5711.

Sincerely,

A handwritten signature in black ink, appearing to read "Erin Smith", with a stylized flourish at the end.

Erin Smith  
Water Quality Specialist  
Environmental Cleanup

cc: Chester Township  
Re 30





Pennsylvania Department of Environmental Protection

2 East Main Street  
Norristown, PA 19401

June 28, 2007

**Southeast Regional Office**

Phone: 484-250-5960

Fax: 484-250-5961

Mr. Nick Carabetta  
Chester Upland School District  
1720 Melrose Avenue  
Chester, PA 19013

Re: Storage Tank Program  
Operations Inspection  
Toby Farms Elementary School  
Facility ID No. 23-14086  
Trimble Boulevard and Bridgewater Road  
Chester Twp.  
Delaware County

Dear Mr. Carabetta:

On August 30, 2006, Department certified inspector Ed Guckin conducted a Facility Operations Inspection at the above referenced facility. The underground tanks identified in the inspection report are:

<u>Tank Number</u>	<u>Tank Size (gallons)</u>	<u>Product Stored</u>
004	10,000	Gasoline
005	10,000	Diesel

An inspection report documenting the findings of that inspection was provided to you (or your representative) and the Department.

We have reviewed the report to determine compliance with the Storage Tank and Spill Prevention Act and the applicable technical regulations in 25 Pa. Code Chapter 245. According to the inspector's report, the following violations exist:

1. For tank numbers 004 and 005, tank and piping release detection records were not available at the time of the inspection. You are required to maintain these records as per 25 Pa. Code, Chapter 245, Subchapter E.

You were contacted by the Department via telephone recently, and requested to submit the above release detection information. The Department received some information by fax, but it was inadequate to meet the requirements of the above regulation. Specifically, the information necessary to demonstrate compliance with the Department's regulations is the Liquid Status Reports for your facility. Mr.



Guckin's August 30, 2006 inspection report indicates that he demonstrated to personnel the process used to print these reports.

The Department again requests three months of passing leak detection records for this facility. Please submit the June 2007 Liquid Status Reports for tanks 004 and 005 no later than July 2007. Thereafter, submit July 2007 and August 2007 reports by the first day of each following month. If you have not been printing these records, please begin to do so immediately, and retain them on file.

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If you have any questions pertaining to storage tank system compliance or this letter, please contact me at (484) 250-5711.

Sincerely,

A handwritten signature in black ink, appearing to read 'Erin Smith', with a stylized flourish at the end.

Erin Smith  
Water Quality Specialist  
Environmental Cleanup

cc: Chester Township  
Re 30

we thought  
Jaguar  
McClain  
was sending  
this info to you  
directly. Sorry  
for inconvenience





Date: 6/5/2007

Time: 11:30A

Number of pages including cover sheet: 3

To:

Mr. Nick Carabetta  
Cluster Upland Sch. Dist.

Phone: 610-447-3821

Fax phone: 610-447-3840

CC:

From:

Erin Smith  
WO Specialist  
Storage Tanks

Phone: 484-250-5711

Fax phone: 484-250-5961

REMARKS: ☐ Urgent ☐ For your review ☒ Reply ASAP ☐ Please comment

Mr. Carabetta,

Enclosed is a NOV requesting documentation re: tank's piping release detection records that were not available during the 8/30/06 FOI. As the months requested are now dated, please submit the records for March, April & May 2007 as soon as possible.

Call w/ any questions.

\*\*PLEASE CALL IF YOU ENCOUNTER PROBLEMS WITH THIS FAX\*\*







Pennsylvania Department of Environmental Protection

2 East Main Street  
Norristown, PA 19401  
September 13, 2006

Southeast Regional Office

Phone: 484-250-5960  
Fax: 484-250-5961

**NOTICE OF VIOLATION**  
**REQUEST FOR RELEASE DETECTION RECORDS**

Mr. Nick Carabetta  
Chester Upland School District  
1720 Melrose Avenue  
Chester, PA 19013

Re: Storage Tank Program  
Request for Release Detection Records  
Facility ID No. 23-14086  
Toby Farms Elementary School  
Trimble Boulevard & Bridgewater Road  
Chester Township  
Delaware County

Dear Mr. Carabetta:

On August 30, 2006, Department certified inspector Ed Guckin conducted a Facility Operations Inspection at the above referenced facility. An inspection report documenting the findings of that inspection was provided to you (or your representative) and the Department. Our review of the report reveals that the facility is operating in violation of the release detection regulations as described in 25 Pa. Code Chapter 245, Subchapter E. As the facility owner and/or operator, you are obligated to comply with the Commonwealth's storage tank rules and regulations.

In order to verify that you have addressed the non-compliant release detection issues at this facility, we are requesting that no later than *December 12, 2006*, you submit the following:

- Copies of tank and piping release detection records for the period of September, October and November 2006 for tanks 004 and 005.

If you are unable to submit the requested information by the date noted above, we request that you cease operation of the non-compliant underground storage tank systems and empty them of all remaining product and submit the following information:

- Disposal documentation for the product removed from the non-compliant underground storage tanks, and;
- An amended registration form indicating that the tanks are *temporarily out of service*.



Mr. Nick Carabetta

- 2 -

September 13, 2006

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If you have any questions pertaining to storage tank system compliance or this letter, please contact me at 484-250-5710.

Sincerely,

*Charles Clark/YB*

Charles Clark  
Water Quality Specialist  
Environmental Cleanup

cc: Chester Township  
Mr. Ed Guckin  
Mr. Walt Nagel, CO  
Re 30

INSP#1561880  
ENF#212287



STOP IN-TANK LEAK TEST  
T 1:GAS  
MAY 6, 2007 6:00 AM

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

MAY 6, 2007 6:00 AM

LEAK TEST REPORT

T 1:GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
MAY 6, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 2484.5 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST INVL

0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR

STOP IN-TANK LEAK TEST  
T 2:DIESEL  
MAY 6, 2007 6:00 AM

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

MAY 6, 2007 6:00 AM

LEAK TEST REPORT

T 2:DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
MAY 6, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 5790.5 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
MAR 4, 2007 2:00 AM

TEST LENGTH 4 HOURS

T 1:GAS  
VOLUME = 5787 GALS  
ULLAGE = 4302 GALS  
90% ULLAGE = 3293 GALS  
TC VOLUME = 5844 GALS  
HEIGHT = 53.56 INCHES  
WATER VOL = 12 GALS  
WATER = 0.78 INCHES  
TEMP = 45.8 DEG F

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
MAR 4, 2007 2:00 AM

TEST LENGTH 4 HOURS

T 2:DIESEL  
VOLUME = 6066 GALS  
ULLAGE = 4023 GALS  
90% ULLAGE = 3614 GALS  
TC VOLUME = 6113 GALS  
HEIGHT = 55.67 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 42.6 DEG F

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
APR 22, 2007 2:00 AM

TEST LENGTH 4 HOURS

T 1:GAS  
VOLUME = 3190 GALS  
ULLAGE = 6899 GALS  
90% ULLAGE = 5890 GALS  
TC VOLUME = 3209 GALS  
HEIGHT = 33.94 INCHES  
WATER VOL = 12 GALS  
WATER = 0.78 INCHES  
TEMP = 51.2 DEG F

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
APR 22, 2007 2:00 AM

TEST LENGTH 4 HOURS

T 2:DIESEL  
VOLUME = 2127 GALS  
ULLAGE = 7962 GALS  
90% ULLAGE = 6953 GALS  
TC VOLUME = 2135 GALS  
HEIGHT = 25.32 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 51.5 DEG F

0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR





CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

AUG 3, 2007 5:46 PM

# LEAK TEST REPORT

T 1: GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
JUL 29, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 6733.0 GAL

START TEMP = 72.3 F  
END TEMP = 72.3 F

TEST PERIODS 2-8  
-0.00 -0.00 0.03 0.03  
0.03 0.05 0.04

LEAK TEST RESULTS  
RATE = 0.01 GAL/HR  
0.20 GAL/HR TEST PASS

# IN-TANK/LEAK TEST

GAS  
AUG 3, 2007 6:00 AM

CHESTER UPLAND SCHOOL  
MELROSE AVE  
CHESTER, PA 19013  
60939802905001

AUG 3, 2007 6:00 AM

# TEST REPORT

GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
AUG 3, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
VOLUME = 8138.8 GAL

TEST RESULTS  
0.20 GAL/HR TEST PASS

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

AUG 3, 2007 5:46 PM

# LEAK TEST REPORT

T 2: DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
JUL 29, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 2592.5 GAL

START TEMP = 68.9 F  
END TEMP = 68.9 F

TEST PERIODS 2-8  
-0.01 -0.03 -0.03 -0.01  
-0.00 -0.01 -0.03

LEAK TEST RESULTS  
RATE = -0.00 GAL/HR  
0.20 GAL/HR TEST INVL

0.20 GAL/HR FLAGS!  
LOW LEVEL TEST ERROR

# IN-TANK LEAK TEST

DIESEL  
AUG 3, 2007 6:00 AM

CHESTER UPLAND SCHOOL  
MELROSE AVE  
CHESTER, PA 19013  
60939802905001

AUG 3, 2007 6:00 AM

# TEST REPORT

DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
AUG 3, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
VOLUME = 3590.4 GAL

TEST RESULTS  
0.20 GAL/HR TEST PASS





# 23-14086

6/11/07

Spoke w/ N. Carrabetta, re:  
6/5/07 Fax requesting TRD  
& PRD records.

Stated he sent it to be  
metered & mailed, and he  
would try to intercept &  
fax to me.

Date: \_\_\_\_\_  
Time: 1  
Number of p

To:

Mr. Nick Carrabetta  
Chester Upland Sch. Dist.

Phone: 610-447-3821

Fax phone: 610-447-3840

CC:

From:

6/12/07

Erin Wrong info submitted - requested  
WQ Liquid Status Reports. He  
Stox will get back to me. Not  
sure if he has prior months

Phone: 6/18/07 945am

Fax phone: LINTRC about Liquid Status Reports

3688

REMARKS:



Urgent



For your review



Reply ASAP



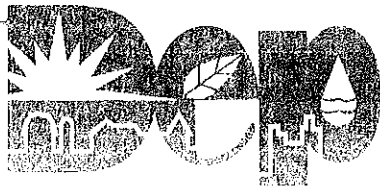
Please comment

Mr. Carrabetta,

Enclosed is a NOV requesting documentation re: tank &  
piping release detection records that were not avail-  
able during the 8/30/06 FOI. As the months  
requested are now dated, please submit the records  
for March, April & May 2007 as soon as possible.

Call w/ any questions.





Pennsylvania Department of Environmental Protection

2 East Main Street  
Norristown, PA 19401

September 13, 2006

Southeast Regional Office

Phone: 484-250-5960

Fax: 484-250-5961

**NOTICE OF VIOLATION**  
**REQUEST FOR RELEASE DETECTION RECORDS**

Mr. Nick Carabetta  
Chester Upland School District  
1720 Melrose Avenue  
Chester, PA 19013

Re: Storage Tank Program  
Request for Release Detection Records  
Facility ID No. 23-14086  
Toby Farms Elementary School  
Trimble Boulevard & Bridgewater Road  
Chester Township  
Delaware County

Dear Mr. Carabetta:

On August 30, 2006, Department certified inspector Ed Guckin conducted a Facility Operations Inspection at the above referenced facility. An inspection report documenting the findings of that inspection was provided to you (or your representative) and the Department. Our review of the report reveals that the facility is operating in violation of the release detection regulations as described in 25 Pa. Code Chapter 245, Subchapter E. As the facility owner and/or operator, you are obligated to comply with the Commonwealth's storage tank rules and regulations.

In order to verify that you have addressed the non-compliant release detection issues at this facility, we are requesting that no later than *December 12, 2006*, you submit the following:

- *Copies of tank and piping release detection records for the period of September, October and November 2006 for tanks 004 and 005.*

If you are unable to submit the requested information by the date noted above, we request that you cease operation of the non-compliant underground storage tank systems and empty them of all remaining product and submit the following information:

- Disposal documentation for the product removed from the non-compliant underground storage tanks, and;
- An amended registration form indicating that the tanks are *temporarily out of service*.





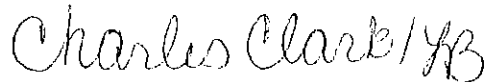
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Charles Clark  
Water Quality Specialist  
Environmental Cleanup

cc: Chester Township  
Mr. Ed Guckin  
Mr. Walt Nagel, CO  
Re 30

INSP#1561880  
ENF#212287







Pennsylvania Department of Environmental Protection

2 East Main Street  
Norristown, PA 19401  
September 13, 2006

Southeast Regional Office

Phone: 484-250-5960

Fax: 484-250-5961

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**REQUEST FOR RELEASE DETECTION RECORDS**

Mr. Nick Carabetta  
Chester Upland School District  
1720 Melrose Avenue  
Chester, PA 19013

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Request for Release Detection Records  
Facility ID No. 23-14086  
Toby Farms Elementary School  
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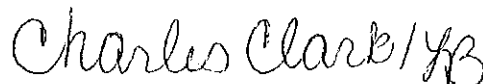
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Water Quality Specialist  
Environmental Cleanup

cc: Chester Township  
Mr. Ed Guckin  
Mr. Walt Nagel, CO  
Re 30

INSP#1561880  
ENF#212287



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT  
STORAGE TANK DIVISION

## FOR DEP USE ONLY

Reviewer \_\_\_\_\_  
Date \_\_\_\_\_  
Entered by \_\_\_\_\_  
Date \_\_\_\_\_

## UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION

**FACILITY INFORMATION**ID Number 23 - 14086Name Toby Farms Elementary SchoolAddress Trimble Blvd & Bridgewater Rd  
Chester, PA 19015**Representative Present During Inspection**Name Nick CarabettaPhone 610-447-3821
☐ Owner    ☒ Operator    ☐ Employee
**CERTIFIED INSPECTOR**Name Ed GuckinID No. 2552

Date of First Site Visit (month/day/year)

8/30/06**OPERATOR (if different than owner)**

Name \_\_\_\_\_

Address \_\_\_\_\_

**Financial Responsibility Information**

- Required of all UST owners except state agencies.
- Provided by USTIF. Owner must have deductibles available as provided in regulations.

**A Fire Marshal or L & I permit must be displayed (nearly all flammable or combustible liquid tanks).****Suspected or confirmed contamination observed - notify proper region within 48 hours.****Improperly closed or unregistered tanks present** Yes ☐ (If so, provide comment) No ☒**Amended registration form required for (check all that apply):**

- |  |  |
|--|--|
| <input type="checkbox"/> Added tanks         | <input type="checkbox"/> Change in substance stored                          |
| <input type="checkbox"/> Closed tanks        | <input type="checkbox"/> Change of operational status (in or out of service) |
| <input type="checkbox"/> Change in tank size | <input type="checkbox"/> Change of owner                                     |

**Inspection summary.**

Indicate the compliance status of each item below using the following codes: N = Non-Compliant C = Compliant

 RECEIVED  
DEP-SERO  
ECP/WASTE MGMT.  
2006 SEP - 5 PM 3:22

	Tank No. <u>004</u>	Tank No. <u>005</u>	Tank No.	Tank No.	Tank No.
Tank Construction and Corrosion Protection	C	C			
Piping Construction and Corrosion Protection	C	C			
Spill Prevention	C	C			
Overfill Prevention	C	C			
Registration Certificate Display	C	C			
Tank Release Detection	N	N			
Piping Release Detection	N	N			

I, the DEP Certified Inspector (IUM), have inspected the entire above referenced facility including examining manways, sumps, monitoring wells and dispensers. Based on my personal observation of the facility and documentation provided by the owner, I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.

Certified Inspector's Signature

8-30-2006

Date

As the representative of the owner or operator, I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.

Signature

Title

8-30-06

Date

Original: Regional Office - Norristown, Wilkes Barre, Harrisburg, Williamsport, Pittsburgh, or Meadville

Copy: Owner

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 8/30/06 Facility ID 23 -14086

I. **TANK SYSTEM INFORMATION.** For each tank, write in the Tank Number at the top of the column, its capacity, substance stored, installation date and manifold condition ("—" if not a drone tank) directly underneath. Fill in the remainder of the Tank System Information using the proper Tank System Component Code from the lists at the bottom of the page.

	Tank No. 004	Tank No. 005	Tank No.	Tank No.	Tank No.	DEP Use
1. Tank Capacity (name plate gallons)	10000	10000				
2. Substance Stored	GAS	DIESEL				
3. Installation Date	8/1/1990	8/1/1990				
4. This drone tank is manifolded to tank no.	---	---				
5. Tank status	C	C				
6. Total secondary containment on this tank system	Y	Y				(18)
7. Tank construction and corrosion protection	G	G				(1)
8. Main piping construction and corrosion protection	K	K				(2)
9. Piping flexible joints/connectors construction (list all)	I	I				(PFLX)
10. Pump (product dispensing) system	B	B				(4)
11. Spill protection	Y	Y				(6)
12. Overfill type	S	S				(7)
13. Current registration certificate display	Y	Y				(8)
14. Stage I vapor recovery	B	N				(19)
15. Stage II vapor recovery	A	N				(20)
Evaluate the tank system leak detection methods carefully before filling in the next 3 rows.						
16. Tank release detection	H	H				(12)
17. Piping small release detection (0.2 gph monthly or 0.1 gph annually)	D	D				(5)
18. Pressure (C or D) piping line leak detector	H	H				(5)

## **Tank System Component Codes**

- |   |  |   |
|---|--|---|
| <p><b>5. Tank status</b><br/> C Currently in use<br/> T Temporarily out of use and empty<br/> I Product present, not being used (idle)</p> <p><b>6. Total secondary containment</b><br/> Y Yes<br/> N No</p> <p><b>7. Tank construction</b><br/> A Unprotected Steel (single wall)<br/> B Cathodically Protected Steel (Galvanic)<br/> C Cathodically Protected Steel (Impressed Current)<br/> D Unprotected Steel (double wall)<br/> E Fiberglass (Single Wall)<br/> F Fiberglass (Double Wall)<br/> G Steel w/ Plastic or Fiberglass Jacket (includes double wall Act 100)<br/> H Steel w/ FRP Coating (Act 100 or equivalent)<br/> I Steel w/ lined interior<br/> J Concrete<br/> N Unknown<br/> O Cathodically Protected Double Walled Steel<br/> P Cathodically protected steel with liner<br/> 99 Other (must provide written comment)</p> <p><b>8. Main piping construction</b><br/> A Bare Steel (including only wrapped or coated)<br/> B Cathodically Protected, Metallic<br/> C Copper<br/> D Fiberglass or rigid non-metallic<br/> E Flexible Non-metallic<br/> F Unknown<br/> G No piping requiring corrosion protection (must provide written comment)<br/> I Double wall, metallic primary<br/> J Double wall rigid (FRP) primary<br/> K Double wall flexible primary<br/> 99 Other (must provide written comment)</p> | <p><b>9. Piping flexible joints/connectors</b><br/> A Unprotected metallic component(s) (including only wrapped or coated)<br/> B Cathodically Protected, Metallic<br/> C Flexible coupling with protected metallic ends<br/> F Unknown<br/> I Completely inside a containment sump, secondary pipe or liner<br/> M Completely jacketed with sealed boot<br/> N Not in contact with the ground<br/> 99 Other (must provide written comment)</p> <p><b>10. Pump (delivery) system</b><br/> A Suction: check valve at pump or siphon<br/> B Suction: check valve at tank<br/> C Pressure<br/> D Gravity flow to dispenser<br/> E None or piping ALL aboveground</p> <p><b>11. Spill protection</b><br/> Y Yes<br/> E Filled in less than 25 gallon increments<br/> N None</p> <p><b>12. Overfill type</b><br/> S Drop tube shut off device<br/> A Overfill alarm<br/> B Ball float valve<br/> E Filled in less than 25 gallon increments<br/> N None</p> <p><b>13. Current registration certificate display</b><br/> Y Properly displayed<br/> N Not Displayed</p> <p><b>14. Stage I vapor recovery</b><br/> A Coaxial<br/> B 2 port<br/> N Not complete or none</p> | <p><b>15. Stage II vapor recovery</b><br/> A Complete balance system<br/> B Complete assist system<br/> C UG piping only<br/> N Not complete or none</p> <p><b>16. Tank release detection</b><br/> A Inventory Control; requires code C or E<br/> C Tank Tightness Testing every 5 years<br/> D Statistical Inventory Reconciliation (SIR)<br/> E Automatic Tank Gauging (0.2 gph Leak Test)<br/> F Manual Tank Gauging (36 Hour)<br/> G Manual Tank Gauging (44 or 58 Hour)<br/> H Interstitial Monitoring (2 Walls)<br/> I Interstitial Monitoring (Liner)<br/> J Groundwater Monitoring<br/> K Vapor Monitoring<br/> N None<br/> O Exempt (must provide written comment)</p> <p><b>17. Piping small release detection (0.2/0.1 gph)</b><br/> B Annual Line Tightness Test (pressure)<br/> C Line Tightness Test - 3 years (suction)<br/> D Interstitial Monitoring (monthly)<br/> E Groundwater Monitoring<br/> F Vapor Monitoring<br/> H None<br/> I Exempt (must provide written comment)<br/> J Statistical Inventory Reconciliation (SIR)<br/> K Electronic Line Leak Detector (0.2 gph test)</p> <p><b>18. Piping line leak detector (3 gph within 1 hr.)</b><br/> A Automatic Line Leak Detector (incl. test)<br/> H None<br/> K Electronic Line Leak Detector (3 gph test)<br/> L Continuous interstitial monitoring with alarm or pump shut off.</p> |
|---|--|---|

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 8/30/06 Facility ID 23 -14086

Tank Tank Tank Tank Tank  
System System System System System  
4 5 \_\_\_\_\_

Instructions: Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.  
Circle with "N/A" when criteria is not applicable.

## **III. CORROSION PROTECTION COMPLIANCE CRITERIA**

### **Lined Tanks: (Tank only - code I)**

☐ ☐ ☐ ☐ ☐

tank inspected and lined according to national standard  
date lined \_\_\_\_\_

☐ ☐ ☐ ☐ ☐

tank initially inspected 10 years after lining and every 5 years after that  
(15, 20, 25, ... years after lining)  
date(s) inspected \_\_\_\_\_

### **Galvanic Cathodic Protection: (Tank code B or O, and/or Piping (may include code B))**

☐ ☐ ☐ ☐ ☐

structure to soil potential (include values in comments) greater than 0.85 volts, or  
meets other nationally recognized protection standard: specify \_\_\_\_\_

☐ ☐ ☐ ☐ ☐

documentation of last two monitoring results

☐ ☐ ☐ ☐ ☐

date(s) measured \_\_\_\_\_

- monitoring conducted within six months of installation
- monitoring conducted every three years (single wall tank and piping)
- monitoring conducted within 6 months of repair or system disturbance

### **Impressed Current Cathodic Protection: (Tank code C or P, and/or Piping (may include code B))**

☐ ☐ ☐ ☐ ☐

structure to soil potential (include values in comments) greater than 0.85 volts, or  
meets other nationally recognized protection standard: specify \_\_\_\_\_

☐ ☐ ☐ ☐ ☐

documentation of last two monitoring results

☐ ☐ ☐ ☐ ☐

date(s) measured \_\_\_\_\_

- monitoring conducted within six months of installation
- monitoring conducted every three years
- monitoring conducted within 6 months of repair or system disturbance

☐ ☐ ☐ ☐ ☐

documentation of last three amp (plus volt and runtime when meters available)  
readings documented (include values in comments)

☐ ☐ ☐ ☐ ☐

- readings recorded every 60 days

☐ ☐ ☐ ☐ ☐

system is turned on and functioning within design limits

☐ ☐ ☐ ☐ ☐

system designed by a corrosion expert

### **If Cathodic Protection is Added to Existing Tanks, One of the Following is Required:**

☐ ☐ ☐ ☐ ☐

tank shell was internally inspected and found to be structurally sound and free of  
corrosion holes

☐ ☐ ☐ ☐ ☐

the tank was less than ten years old and now uses automatic tank gauging, soil vapor  
monitoring, groundwater monitoring, interstitial monitoring or statistical inventory  
reconciliation for release detection

☐ ☐ ☐ ☐ ☐

the tank was less than ten years old and was tested for tightness prior to installing the  
cathodic protection and between three and six months following the first operation of  
the cathodic protection

☐ ☐ ☐ ☐ ☐

the tank was assessed and found to be acceptable for upgrading under ASTM  
standard ES 40-94 or G158. Includes tightness test prior to, and "monthly" release  
detection after or tightness test between 3 and 6 months following the installation of  
the cathodic protection.

☐ ☐ ☐ ☐ ☐

- cathodic protection installed within 6 months of assessment

Date assessed \_\_\_\_\_

Date installed \_\_\_\_\_

## **IV. MANDATED TECHNICAL REQUIREMENTS**

List the system technical upgrades necessary to continue operating after 12/22/1998:

None

## UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION

**Facility Name** Toby Farms Elementary **Date** 8/30/06 **Facility ID** 23 P-14086

## II. RELEASE DETECTION REFERENCE (continued)

Pipe 4	Pipe 5	Pipe	Pipe	Pipe
-----------	-----------	------	------	------

**Instructions:** Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.  
Circle with "N/A" when criteria is not applicable.

**Check Valve at the Dispenser: (SUCTION piping only - code I)**

**NOTE: No further release detection required on piping meeting all these criteria.**


the tank is lower than the dispenser  
the below grade piping slopes uniformly back to the tank  
there is no more than one check valve in the piping  
the check valve is located close to or inside the suction pump  
compliance with above specifications can be readily determined; describe in remarks

**Interstitial Monitoring: (Piping code D and/or L)**

interstitial area monitored monthly (required)  
 interstitial probes properly placed (per manufacturer's instructions)  
 monitoring wells or ports (when used) are clearly marked and secured  
 maintenance records including calibration, preventative, and repair for the last year  
 equipment manufacturer's performance claims are available  
 secondary barrier (pipe) is compatible with and impermeable to the stored substance  
 (Code L) continuous monitoring with acceptable alarm used as line leak detector  
 (gravity or pressurized piping) -- capable of detecting 3.0 gph release within 1 hour  
 (Code L) system tested for operability within the last year

**Piping Tightness (Line) Testing: (Piping only - code B or C)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

test conducted at proper frequency

- conducted annually for pressurized piping without monthly monitoring
- conducted every 3 years for suction piping not meeting Code I

date of last test \_\_\_\_\_

method used \_\_\_\_\_

manufacturer's certification of ability to detect 0.1 gph release at 1.5 X operating pressure is available

if test device permanently installed, maintenance records including calibration, preventative, and repair for the last year

**Automatic (mechanical) Line Leak Detector: (PRESSURIZED piping only - code A)**

annual operational test of leak detector according to manufacturer's instructions  
date tested \_\_\_\_\_  
manufacturer's certification of ability to detect a release of 3 gph at 10 psig within 1  
hour is available \_\_\_\_\_  
maintenance records including calibration, preventative and repair for last year (in  
addition to annual test) \_\_\_\_\_

**Electronic Line Leak Detector: (Pressurized Piping only - code K)**

self checking or system tested for operability within the last year  
date tested \_\_\_\_\_  
manufacturer's certification of ability to detect a release of 3 gph at 10 psig within 1  
hour is available  
maintenance records including calibration, preventative and repair for last year (in  
addition to annual test)  
shut off pump, audible alarm, visual alarm, or restrict product flow  
continuously monitors piping

Does the electronic leak detector also perform "monthly" monitoring function? ☐ Yes, ☐ No If yes:

manufacturer's certification of ability to detect 0.2 gph release is available  
documentation of monthly test available for last year



# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 8/30/06 Facility ID 23 -14086

## **II. Release Detection Reference**

- Records may be located at the facility or a readily available alternate site.
- The records include all of the information listed below for chosen release detection methods.
- The inspector has actually seen the records.
- A test inconclusive result or failure is an indication of a possible product (suspected) release.

Tank Tank Tank Tank Tank  
System System System System System  
4 5 \_\_\_\_\_

Instructions: Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.  
Circle with "N/A" when criteria is not applicable.

## **Inventory Control: (Tank only - code A)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<10 years since installation or addition of corrosion protection to bare steel tank
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	stick (or ATG) capable of measuring to 1/8th inch
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	stick (or ATG) readings and dispenser readings each operating day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1/8th inch accuracy in product (stick) readings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	before/after delivery stick readings reconciled with delivery receipts
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	deliveries made through a drop tube
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	dispenser meter calibrated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	monthly check for water (1/8th inch accuracy)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	monthly reconciliation (1% of volume pumped plus 130 gallons) performed

## **Precision Tightness Test: (Tank only - code C)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	complete documentation of tightness test available
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	performed by UTT certified installer (after 9/28/96)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	manufacturer's certification of ability to detect 0.1 gph release is available
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	date of last test _____, result _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	method used (after 10/11/1994) _____

## **Statistical Inventory Reconciliation: (Tank code D, and/or piping code J)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	manufacturer's certification of ability to detect 0.2 gph release is available
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	data is collected according to the test vendor's instructions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	analysis completed monthly and results supplied to owner/operator within 20 days
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	suspected releases properly investigated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	test vendor _____

## **Automatic Tank Gauging: (Tank only - code E)**

Does the automatic tank gauge perform continuous in-tank release detection? ☐ Yes, ☒ No

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	valid monthly leak test conducted and documented
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ATG manufacturer <u>Gilbarco</u> ATG model <u>EMC</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	manufacturer's certification of ability to detect 0.2 gph release is available
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	probes and gauge software certified for manifolded tank systems
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>When not specifically certified, the siphon must be broken to properly test</li> </ul>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	date installed <u>N/D</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>Uncertified gauges installed before 12/22/1990 also require inventory control</li> </ul>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	maintenance records including calibration, preventative, and repair for the last year
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	equipment is operational

## **Manual Tank Gauging: (Tank only - code F (may require code C) or G)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	tank capacity is 2,000 gallons or less
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	performed weekly
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1/8th inch accuracy stick readings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	average 2 stick readings before and after test
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	test length appropriate for each tank
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>36 hours minimum</li> <li>44 hours, 551-1000 gallons, 64" diameter, no tightness test</li> <li>58 hours, 551-1000 gallons, 48" diameter, no tightness test</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	variation is within standard (both weekly and monthly)

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms ElementaryDate 8/30/06Facility ID 23 -14086

## **II. RELEASE DETECTION REFERENCE (continued)**

Tank	Tank	Tank	Tank	Tank
System	System	System	System	System
<u>4</u>	<u>5</u>			

**Instructions:** Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.  
Circle with "N/A" when criteria is not applicable.

### **Interstitial Monitoring: (Tank code H or I)**

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

interstitial area monitored monthly  
interstitial probes properly placed (per manufacturer's instructions)  
monitoring wells (secondary barrier) or ports are clearly marked and secured  
maintenance records including calibration, preventative, and repair for the last year  
equipment manufacturer's performance claims are available  
secondary barrier is compatible with and impermeable to the stored substance

### **Groundwater Monitoring: (Tank code J, and/or piping code E)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

regulated substance stored is immiscible in water and has a specific gravity <1  
groundwater is within 20 feet of surface grade and soil hydraulic conductivity is  $\geq 0.01$  cm/sec  
casing is properly slotted and allows entry of product during high and low groundwater conditions  
wells are sealed from ground surface to the top of the filter pack  
site evaluation verifies the above information; wells are located according to site evaluation; attach evaluation cover page to inspection report.  
monitoring devices can detect 1/8 inch of product or less on water  
maintenance records including calibration, preventative, and repair for the last year  
equipment manufacturer's performance claims are available  
monitoring wells are marked and secured  
wells monitored and results recorded monthly in accordance with site evaluation

### **Vapor Monitoring: (Tank code K, and/or piping code F)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

stored substance is sufficiently volatile and backfill allows diffusion of vapors from releases  
the monitoring device is not rendered inoperative by groundwater, rainfall, or soil moisture  
background contamination will not interfere with vapor monitoring  
vapor monitors are designed and operated to detect increases in concentrations of stored substance  
site evaluation verifies above information; wells are located according to the site evaluation; attach evaluation cover page to inspection report.  
maintenance records including calibration, preventative, and repair for the last year  
equipment manufacturer's performance claims are available  
monitoring wells are marked and secured  
wells monitored and results recorded monthly in accordance with site evaluation

### **IUM Release Detection Record Review: (All release detection codes)**

- An empty tank or one supplying an emergency generator only is not required to perform release detection. Indicate date emptied or that it is an emergency generator tank in Section V.
- New tank systems must begin performing release detection immediately after receiving product. Indicate date of first product receipt in Section V.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Last 12 months of tank release detection records are available  
Tank release detection records are valid and passing

Last 12 months of pipe release detection records are available  
Pipe release detection records are valid and passing

**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 8/30/06 Facility ID 23 - 14086

**V. COMMENTS-**

Reference section and tank number for each comment

**Tank Construction – Compliant** – Tanks 004 & 005 are double wall steel Act 100 tanks with continuous interstitial monitoring. They appear to be "Buffalo Tanks". The tanks were previously listed as single wall tanks, but we verified they are double wall steel.

**Piping Construction – Compliant** – The piping is double wall flexible non metallic piping with the metallic fittings in the containment sumps.

**Spill & Overfill Protection – Compliant** – There is spill manholes and overfill droptubes being used.

**Tank Release Detection – Non Compliant** – The Leak detection method was Automatic Tank Gauging with 0.2 gph in tank leak tests. There are 6 months of valid leak tests for tank 1 (004 - gas), and 7 months for tank 2 (005 – diesel). There is one month of low product on tank 004. There was a period when there was no paper and the printer paper was the wrong type and the reports are illegible.

**NOTE:** The leak detection method is being changed to "**Interstitial Monitoring**"

**Piping Release Detection – Non Compliant** – The piping is double wall suction piping with the check valve at the tank. The leak detection method is interstitial monitoring. There were no Liquid Status reports available to this point. I showed them how to print out Liquid Status reports for the tank and piping leak detection.



Pennsylvania Department of Environmental Protection  
Southeast Regional Office  
Waste Management/Environmental Cleanup Programs

2 East Main Street  
Norristown, PA 19401



Date: 6/5/2007

Time: 11:30A

Number of pages including cover sheet: 3

To:

Mr. Nick Carabetta  
Chester Upland Sch. Dist.

Phone: 610-447-3821

Fax phone: 610-447-3840

CC:

From:

Erin Smith  
WO Specialist  
Storage Tanks

Phone: 484-250-5711

Fax phone: 484-250-5961

REMARKS: ☐ Urgent ☐ For your review ☒ Reply ASAP ☐ Please comment

Mr. Carabetta,

Enclosed is a NOV requesting documentation re: tank's piping release detection records that were not available during the 8/30/06 FOI. As the months requested are now dated, please submit the records for March, April & May 2007 as soon as possible.

Call w/ any questions.

**\*\*PLEASE CALL IF YOU ENCOUNTER PROBLEMS WITH THIS FAX\*\***



STOP IN-TANK LEAK TEST  
T 1:GAS  
MAY 6, 2007 6:00 AM

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

MAY 6, 2007 6:00 AM

LEAK TEST REPORT

T 1:GAS  
PROBE SERIAL NUM 140948

TEST STARTING TIME:  
MAY 6, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 2484.5 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST INVL  
0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR

STOP IN-TANK LEAK TEST  
T 2:DIESEL  
MAY 6, 2007 6:00 AM

CHESTER UPLAND SCHOOL  
1720 MELROSE AVE  
CHESTER, PA 19013  
60939802905001

MAY 6, 2007 6:00 AM

LEAK TEST REPORT

T 2:DIESEL  
PROBE SERIAL NUM 147238

TEST STARTING TIME:  
MAY 6, 2007 2:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 5790.5 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST PASS

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
APR 22, 2007 2:00 AM

TEST LENGTH 4 HOURS

T 1:GAS  
VOLUME = 3190 GALS  
ULLAGE = 6899 GALS  
90% ULLAGE = 5890 GALS  
TC VOLUME = 3209 GALS  
HEIGHT = 33.94 INCHES  
WATER VOL = 12 GALS  
WATER = 0.78 INCHES  
TEMP = 51.2 DEG F

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
APR 22, 2007 2:00 AM

TEST LENGTH 4 HOURS

T 2:DIESEL  
VOLUME = 2127 GALS  
ULLAGE = 7962 GALS  
90% ULLAGE = 6953 GALS  
TC VOLUME = 2135 GALS  
HEIGHT = 25.32 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 51.5 DEG F

0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
MAR 4, 2007 2:00 AM

TEST LENGTH 4 HOURS

T 1:GAS  
VOLUME = 5787 GALS  
ULLAGE = 4302 GALS  
90% ULLAGE = 3293 GALS  
TC VOLUME = 5844 GALS  
HEIGHT = 53.56 INCHES  
WATER VOL = 12 GALS  
WATER = 0.78 INCHES  
TEMP = 45.8 DEG F

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
MAR 4, 2007 2:00 AM

TEST LENGTH 4 HOURS

T 2:DIESEL  
VOLUME = 6066 GALS  
ULLAGE = 4023 GALS  
90% ULLAGE = 3014 GALS  
TC VOLUME = 8113 GALS  
HEIGHT = 55.67 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 42.6 DEG F







## Pennsylvania Department of Environmental Protection

2 East Main Street  
Norristown, PA 19401  
September 13, 2006

Southeast Regional Office

Phone: 484-250-5960  
Fax: 484-250-5961

**NOTICE OF VIOLATION**  
**REQUEST FOR RELEASE DETECTION RECORDS**

Mr. Nick Carabetta  
Chester Upland School District  
1720 Melrose Avenue  
Chester, PA 19013

Re: Storage Tank Program  
Request for Release Detection Records  
Facility ID No. 23-14086  
Toby Farms Elementary School  
Trimble Boulevard & Bridgewater Road  
Chester Township  
Delaware County

Dear Mr. Carabetta:

On August 30, 2006, Department certified inspector Ed Guckin conducted a Facility Operations Inspection at the above referenced facility. An inspection report documenting the findings of that inspection was provided to you (or your representative) and the Department. Our review of the report reveals that the facility is operating in violation of the release detection regulations as described in 25 Pa. Code Chapter 245, Subchapter E. As the facility owner and/or operator, you are obligated to comply with the Commonwealth's storage tank rules and regulations.

In order to verify that you have addressed the non-compliant release detection issues at this facility, we are requesting that no later than *December 12, 2006*, you submit the following:

- *Copies of tank and piping release detection records for the period of September, October and November 2006 for tanks 004 and 005.*

If you are unable to submit the requested information by the date noted above, we request that you cease operation of the non-compliant underground storage tank systems and empty them of all remaining product and submit the following information:

- Disposal documentation for the product removed from the non-compliant underground storage tanks, and;
- An amended registration form indicating that the tanks are *temporarily out of service*.



Mr. Nick Carabetta

- 2 -

September 13, 2006

Please be advised that continued operation of noncompliant tanks may subject you to actions by the Department, including penalties. The timeliness of your response and your cooperation will be a consideration in any Department action.

This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions pertaining to storage tank system compliance or this letter, please contact me at 484-250-5710.

Sincerely,

*Charles Clark / YB*

Charles Clark  
Water Quality Specialist  
Environmental Cleanup

cc: Chester Township  
Mr. Ed Guckin  
Mr. Walt Nagel, CO  
Re 30

INSP#1561880  
ENF#212287



# **FERGUSON & McCANN, Inc.**

## **MECHANICAL CONTRACTORS**

**SERVICE STATION EQUIPMENT**

*Installed • Serviced • Removed*

**EXCAVATING EQUIPMENT RENTALS**

**CERTIFIED petroTite TANK TESTING SYSTEMS**

**270 BODLEY ROAD • ASTON, PA 19014**

Established 1933

Email: [Fergmcca@aol.com](mailto:Fergmcca@aol.com) Website: [www.fergusonmccann.com](http://www.fergusonmccann.com)

September 5, 2006

Chester Upland School District

201 Bridgewater Road

Chester Twp., PA 19015

Attn: Nicholas Carabetta

Re: Gasoline Pump

Invoice: 14128

Payable upon Receipt

To furnish labor, material and equipment to perform the following:

To saw cut and excavate to locate gasoline product line

To remove existing fuel pump

To supply and install (1) 2" flex product pipe from  
gasoline tank to dispenser with necessary fittings

To re-install fuel pump and backfill excavation

To start up and check operation of equipment

To repour concrete and clean job site

To complete a PADEP Tank Modification Report

Total Invoice:

**\$4,984.00**

\* Report enclosed

*Thank you for your business*

All Agreements subject to delays caused by strikes and other causes beyond our control.

Rock, Water, Contaminated Product and Soil not included in our estimate and would be considered extra.





2670-FM-LRWM0575 Rev. 1/2005



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

## UNDERGROUND STORAGE TANK MODIFICATION REPORT

I. FACILITY INFORMATION		OFFICIAL USE ONLY	
		INITIAL	DATE
Facility I.D. Number	<u>23-14086</u>		
Facility Name	<u>Toby Farms Elem. School</u>	CO Review	<u>          </u>
Facility Address	<u>Trimble Blvd + Bridgewater Rd</u>	Data Entry	<u>          </u>
	<u>Chester PA</u>	RO Review	<u>          </u>
Municipality	<u>Chester Township</u>		
County	<u>Delaware</u>		

II. TANK INFORMATION	
<p>Tank modification is in accordance with manufacturer's specifications and current industry standards. If no, explain all irregularities in the comment section.</p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>Is this modification in response to an inspection?</p> <p><input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No</p> <p>Tank modification complies with Fire Safety Requirements (for flammable &amp; combustible liquids). If no, explain all irregularities in the comment section.</p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> Not Applicable</p> <p>Fire/Safety Permit Number <u>                    </u> Issued By <u>                    </u> Date <u>                    </u></p> <p>This modification activity is?</p> <p><input checked="" type="checkbox"/> Major modification    <input type="checkbox"/> Minor modification</p> <p>Major modifications include all instances of excavation in the backfill area.</p>	

III. INSTALLER INFORMATION				
Installer Name	Certification Number	Certification Category (ies)	Company Name	Company Certification
<u>Michael McCann</u>	<u>1865</u>	<u>VMX</u>	<u>Feigerson + McCann</u>	<u>249</u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>



2570-FM-LRWM0575 Rev. 1/2005

FACILITY I.D. # 23 - 1486

## IV. TANK SYSTEM COMPONENTS.

Tank #	Tank #	Tank #		Tank #	Tank #	Tank #
<u>004</u>						
<u>10,000</u>						
(capacity - in gallons)				(capacity - in gallons)		
<u>9AS</u>						
(substance code)				(substance code)		

(1) Tank Modifications				(5) Pipe Release Detection Modifications			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C Cathodic protection (Impressed)				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A Automatic line leak detector			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I Liner Installation				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D Interstitial monitoring			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 99 Other (describe in V. Comments)				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> K Electronic line leak detector			
				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> L Interstitial monitor w/alarm or shut off			
				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 99 Other (describe in V. Comments)			
(2) Underground Piping Installation or Modification				(6) Spill Prevention Installation/Modification			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B Cathodic protection				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Y Yes			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D Fiberglass/rigid non-metallic				(7) Overfill Prevention Installation/Modification			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> E Flexible non-metallic				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> S Drop tube shut-off device			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> H Modification of existing piping				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A Overfill alarm			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I Double walled steel piping				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B Ball float valve			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> J Double walled fiberglass				(12) Tank Release Detection Installation/Modification			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> K Double walled plastic				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> E Automatic tank gauge			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> L Trench liner				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> H Interstitial monitor (2 walls)			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> M Jacketed piping				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I Interstitial monitor (liner)			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 99 Other (describe in V. Comments)				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> J Groundwater monitor			
(PFLEX) Piping Flexible Connections				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> K Vapor monitoring			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B Metallic w/cathodic protection				(19) Stage I Vapor Recovery			
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C Flexible w/protected ends				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A Coaxial			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> E Flexible non-metallic				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B 2 Port			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I Inside containment				(20) Stage II Vapor Recovery			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> M Jacketed				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A Complete balance system			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> N Not in contact with electrolyte				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B Complete assist system			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 99 Other (describe in V. Comments)				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C Underground piping only			
(4) Pump (Piping) System Modifications							
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A Suction: Check valve at pump							
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B Suction: Check valve at tank							
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C Pressure: Submersible pump							
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D Gravity Fed							

## V. COMMENTS (Explain "other" attributed. Describe in detail, activity completed.)

Installed 2" Flex pipe for gasoline product line to pump

## VI. INSTALLER CERTIFICATION

This Section must be completed by the certified installer(s) for modifications performed on underground storage tank systems. By signing below, the certified installer verifies that the tank handling activity was conducted in compliance with the standards of Act 32 and applicable regulations. The signature also certifies, under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided is true, accurate, and complete to the best of his/her knowledge and belief.

<u>Mark E. Miller</u>	<u>9/1/06</u>	<u>9/1/06</u>
_____	_____	_____
_____	_____	_____
Signature(s)	Date(s) of Signature	Date(s) Work Completed







**FERGUSON & McCANN, Inc.**

**MECHANICAL CONTRACTORS**

**SERVICE STATION EQUIPMENT**

*Installed • Serviced • Removed*

**EXCAVATING EQUIPMENT RENTALS**

**CERTIFIED petroTite TANK TESTING SYSTEMS**

270 BODLEY ROAD • ASTON, PA 19014

Established 1933

Email: Fergmcca@aol.com Website: www.fergusonmccann.com

September 7, 2006

Chester Upland School District  
Toby Farms Elementary School  
249 Bridgewater Road  
Brookhaven, PA 19015  
Attn: Nick Carabetta

Invoice: 14152

Payable upon Receipt

To furnish labor, material and equipment to perform the following:

To perform a PADEF Facility Operations Inspection

Total Invoice:

\$550.00

\* Results enclosed

*Thank you for your business*

All Agreements subject to delays caused by strikes and other causes beyond our control.

Rock, Water, Contaminated Product and Soil not included in our estimate and would be considered extra.







COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT  
STORAGE TANK DIVISION

**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION**

**FOR DEP USE ONLY**

Reviewer \_\_\_\_\_  
Date \_\_\_\_\_  
Entered by \_\_\_\_\_  
Date \_\_\_\_\_

**FACILITY INFORMATION**ID Number 23 - 14086Name Toby Farns Elementary SchoolAddress Trimble Blvd & Bridgewater RdChester, PA 19015**Representative Present During Inspection**Name Nick CarabettaPhone 610-447-3821
☐ Owner ☒ Operator ☐ Employee
**CERTIFIED INSPECTOR**Name Ed GuckinID No. 2552

Date of First Site Visit (month/day/year)

8/30/06**OPERATOR (if different than owner)**

Name \_\_\_\_\_

Address \_\_\_\_\_

**Financial Responsibility Information**

- Required of all UST owners except state agencies.
- Provided by USTIF. Owner must have deductibles available as provided in regulations.

**A Fire Marshal or L & I permit must be displayed (nearly all flammable or combustible liquid tanks).****Suspected or confirmed contamination observed - notify proper region within 48 hours.****Improperly closed or unregistered tanks present** Yes ☐ (If so, provide comment) No ☒**Amended registration form required for (check all that apply):**

- |  |  |
|--|--|
| <input type="checkbox"/> Added tanks         | <input type="checkbox"/> Change in substance stored                          |
| <input type="checkbox"/> Closed tanks        | <input type="checkbox"/> Change of operational status (in or out of service) |
| <input type="checkbox"/> Change in tank size | <input type="checkbox"/> Change of owner                                     |

**Inspection summary.**

Indicate the compliance status of each item below using the following codes: N = Non-Compliant C = Compliant

	Tank No. 004	Tank No. 005	Tank No.	Tank No.	Tank No.
Tank Construction and Corrosion Protection	C	C			
Piping Construction and Corrosion Protection	C	C			
Spill Prevention	C	C			
Overfill Prevention	C	C			
Registration Certificate Display	C	C			
Tank Release Detection	N	N			
Piping Release Detection	N	N			

I, the DEP Certified Inspector (IUM), have inspected the entire above referenced facility including examining manways, sumps, monitoring wells and dispensers. Based on my personal observation of the facility and documentation provided by the owner, I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.

Certified Inspector's Signature

8-30-2006

Date

As the representative of the owner or operator, I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.

  
Signature


  
Title
8-30-06

Date



UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION

Facility Name Toby Farms Elementary Date 8/30/06 Facility ID 23 -14086

Tank Tank Tank Tank Tank  
System System System System System  
4 5 \_\_\_\_\_

Instructions: Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.  
Circle with "N/A" when criteria is not applicable.

II. CORROSION PROTECTION COMPLIANCE CRITERIA

Lined Tanks: (Tank only - code I)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	tank inspected and lined according to national standard
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	date lined _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	tank initially inspected 10 years after lining and every 5 years after that
					(15, 20, 25, ... years after lining)
					date(s) inspected _____

Galvanic Cathodic Protection: (Tank code B or O, and/or Piping (may include code B))

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	structure to soil potential (include values in comments) greater than 0.85 volts, or
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	meets other nationally recognized protection standard: specify _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	documentation of last two monitoring results
					date(s) measured _____
					<input type="checkbox"/> monitoring conducted within six months of installation
					<input type="checkbox"/> monitoring conducted every three years (single wall tank and piping)
					<input type="checkbox"/> monitoring conducted within 6 months of repair or system disturbance

Impressed Current Cathodic Protection: (Tank code C or P, and/or Piping (may include code B))

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	structure to soil potential (include values in comments) greater than 0.85 volts, or
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	meets other nationally recognized protection standard: specify _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	documentation of last two monitoring results
					date(s) measured _____
					<input type="checkbox"/> monitoring conducted within six months of installation
					<input type="checkbox"/> monitoring conducted every three years
					<input type="checkbox"/> monitoring conducted within 6 months of repair or system disturbance
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	documentation of last three amp (plus volt and runtime when meters available)
					readings documented (include values in comments)
					<input type="checkbox"/> readings recorded every 60 days
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	system is turned on and functioning within design limits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	system designed by a corrosion expert

If Cathodic Protection is Added to Existing Tanks, One of the Following is Required:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	tank shell was internally inspected and found to be structurally sound and free of corrosion holes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	the tank was less than ten years old and now uses automatic tank gauging, soil vapor monitoring, groundwater monitoring, interstitial monitoring or statistical inventory reconciliation for release detection
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	the tank was less than ten years old and was tested for tightness prior to installing the cathodic protection and between three and six months following the first operation of the cathodic protection
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	the tank was assessed and found to be acceptable for upgrading under ASTM standard E840-94 or G158. Includes tightness test prior to, and "monthly" release detection after or tightness test between 3 and 6 months following the installation of the cathodic protection.
					<input type="checkbox"/> cathodic protection installed within 6 months of assessment
					Date assessed _____ Date installed _____

V. MANDATED TECHNICAL REQUIREMENTS

List the system technical upgrades necessary to continue operating after 12/22/1998:

None



# UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION

Facility Name Toby Farms Elementary Date 8/30/06 Facility ID 23 -14086

## II. Release Detection Reference

- Records may be located at the facility or a readily available alternate site.
- The records include all of the information listed below for chosen release detection methods.
- The inspector has actually seen the records.
- A test inconclusive result or failure is an indication of a possible product (suspected) release.

Tank System Tank System Tank System Tank System Tank System  
4 5            

Instructions: Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.  
Circle with "N/A" when criteria is not applicable.

### Inventory Control: (Tank only - code A)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<10 years since installation or addition of corrosion protection to bare steel tank  
stick (or ATG) capable of measuring to 1/8th inch  
stick (or ATG) readings and dispenser readings each operating day  
1/8th inch accuracy in product (stick) readings  
before/after delivery stick readings reconciled with delivery receipts  
deliveries made through a drop tube  
dispenser meter calibrated  
monthly check for water (1/8th inch accuracy)  
monthly reconciliation (1% of volume pumped plus 130 gallons) performed

### Precision Tightness Test: (Tank only - code C)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

complete documentation of tightness test available  
performed by UTT certified installer (after 9/28/96)  
manufacturer's certification of ability to detect 0.1 gph release is available  
date of last test \_\_\_\_\_ result \_\_\_\_\_  
method used (after 10/11/1994) \_\_\_\_\_

### Statistical Inventory Reconciliation: (Tank code D, and/or piping code J)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

manufacturer's certification of ability to detect 0.2 gph release is available  
data is collected according to the test vendor's instructions  
analysis completed monthly and results supplied to owner/operator within 20 days  
suspected releases properly investigated  
test vendor \_\_\_\_\_

### Automatic Tank Gauging: (Tank only - code E)

Does the automatic tank gauge perform continuous in-tank release detection? ☐ Yes, ☒ No

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

valid monthly leak test conducted and documented  
ATG manufacturer Gilbarco ATG model EMC  
manufacturer's certification of ability to detect 0.2 gph release is available  
probes and gauge software certified for manifolded tank systems  
• When not specifically certified, the siphon must be broken to properly test  
date installed N/D  
• Uncertified gauges installed before 12/22/1990 also require inventory control  
maintenance records including calibration, preventative, and repair for the last year  
equipment is operational

### Manual Tank Gauging: (Tank only - code F (may require code C) or G)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

tank capacity is 2,000 gallons or less  
performed weekly  
1/8th inch accuracy stick readings  
average 2 stick readings before and after test  
test length appropriate for each tank  
• 36 hours minimum  
• 44 hours, 551-1000 gallons, 64" diameter, no tightness test  
• 58 hours, 551-1000 gallons, 48" diameter, no tightness test  
variation is within standard (both weekly and monthly)



**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 8/30/06 Facility ID 23 - 14086

**V. COMMENTS-**

Reference section and tank number for each comment

**Tank Construction -- Compliant** -- Tanks 004 & 005 are double wall steel Act 100 tanks with continuous interstitial monitoring. They appear to be "Buffalo Tanks". The tanks were previously listed as single wall tanks, but we verified they are double wall steel

**Piping Construction -- Compliant** -- The piping is double wall flexible non metallic piping with the metallic fittings in the containment sumps.

**Spill & Overfill Protection -- Compliant** -- There is spill manholes and overfill droptubes being used.

**Tank Release Detection -- Non Compliant** -- The Leak detection method was Automatic Tank Gauging with 0.2 gph in tank leak tests. There are 6 months of valid leak tests for tank 1 (004 - gas), and 7 months for tank 2 (005 - diesel). There is one month of low product on tank 004. There was a period when there was no paper and the printer paper was the wrong type and the reports are illegible.

**NOTE:** The leak detection method is being changed to "Interstitial Monitoring"

**Piping Release Detection -- Non Compliant** -- The piping is double wall suction piping with the check valve at the tank. The leak detection method is interstitial monitoring. There were no Liquid Status reports available to this point. I showed them how to print out Liquid Status reports for the tank and piping leak detection.













**FERGUSON & McCANN, Inc.****MECHANICAL CONTRACTORS****SERVICE STATION EQUIPMENT***Installed • Serviced • Removed***EXCAVATING EQUIPMENT RENTALS****CERTIFIED petroTite TANK TESTING SYSTEMS**

270 BODLEY ROAD • ASTON, PA 19014

Established 1933

Email: Fergmcca@aol.com Website: www.fergusonmccann.com

September 5, 2006

Chester Upland School District

201 Bridgewater Road

Chester Twp., PA 19015

Attn: Nicholas Carabetta

Re: Gasoline Pump

Invoice: 14128

Payable upon Receipt

To furnish labor, material and equipment to perform the following:

To saw cut and excavate to locate gasoline product line

To remove existing fuel pump

To supply and install (1) 2" flex product pipe from  
gasoline tank to dispenser with necessary fittings

To re-install fuel pump and backfill excavation

To start up and check operation of equipment

To repour concrete and clean job site

To complete a PADEP Tank Modification Report

Total Invoice:

\$4,984.00

\* Report enclosed

*Please pay for your business*

All Agreements subject to delays caused by strikes and other causes beyond our control.

Rock, Water, Contaminated Product and Soil not included in our estimate and would be considered extra.





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

UNDERGROUND STORAGE TANK  
MODIFICATION REPORT

## I. FACILITY INFORMATION

OFFICIAL USE ONLY

Facility I.D. Number

23-14086

INITIAL

DATE

Facility Name

Toby Farms Elem. School

CO Review

Facility Address

Troyble Blvd & Bridgewater Rd  
Chester PA

Data Entry

RO Review

Municipality

Chester Township

County

Delaware

## II. TANK INFORMATION

Tank modification is in accordance with manufacturer's specifications and current industry standards. If no, explain all irregularities in the comment section.

☒ Yes☐ No

Is this modification in response to an inspection?

☐ Yes☒ No

Tank modification complies with Fire Safety Requirements (for flammable & combustible liquids). If no, explain all irregularities in the comment section.

☒ Yes☐ No☐ Not Applicable

Fire/Safety Permit Number

Issued By

Date

This modification activity is:

☒ Major modification☐ Minor modification

Major modifications include all the tanks of storage in the backfill area.

## III. INSTALLER INFORMATION

Installer  
NameCertification  
NumberCertification  
Category(ies)Company  
NameCompany  
Certification

Michael McCann

1865

UMS

Feigerson + McCann

249





Tank #	Tank #	Tank #
--------	--------	--------

Tank 井 Tank 井 Tank 井

(approximately 10 gallons)

(e) *Service codes*

### (6) Pipe Release Detection Modifications

- |                          |                          |                          |  |
|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A Automatic line leak detector             |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | D Interstitial monitoring                  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | K Electronic line leak detector            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | L Interstitial monitor w/alarm or shut off |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 99 Other (describe in V. Comments)         |

(6) Spill Prevention Installation/Modification

- ### (7) Overfill Prevention Installation/Modification

- ☐ S Drop tube shut-off device
- ☐ A Overfill alarm
- ☐ B Ball float valve

### (12) Tank Release Detection Installation/Modification

- |                          |                          |                          |    |                                 |
|--------------------------|--------------------------|--------------------------|----|---------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | B  | Metallic w/cathodic protection  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | C  | Flexible w/protected ends       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | E  | Flexible non-metallic           |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | I  | Inside containment              |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | M  | Jacketed                        |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | N  | Not in contact with electrolyte |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 99 | Other (describe in V. Comments) |

- |                          |                          |                          |                                  |
|--------------------------|--------------------------|--------------------------|----------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | E Automatic tank gauge           |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | H Interstitial monitor (2 walls) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | I Interstitial monitor (liner)   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | J Groundwater monitor            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | K Vapor monitoring               |

### (19) Stage I Vapor Recovery

- |                          |                          |                          |   |         |
|--------------------------|--------------------------|--------------------------|---|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A | Coaxial |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | B | 2 Port  |

### (2d) Stage II Vapor Recovery

- ☐ ☐ ☐ A. Complete balance system  
☐ ☐ ☐ B. Complete assist system  
☐ ☐ ☐ C. Underground piping only

V. COMMENTS (Explain "other" attributed. Describe in detail, activity completed.)

Installed 2" flex pipe for gasoline product line to pump

## VI. INSTALLER CERTIFICATION

This Section must be completed by the certified installer for all installations of new or replacement underground storage tank systems. By signing below, the certified installer certifies that the tank and its installation is conducted in compliance with the standards of Act 32 and applicable regulations. The signature also certifies, under penalty of law as provided in 18 PA C.S.A. Section 4804 (relating to unsworn falsification to authorities), that the information provided is true, accurate, and complete to the best of his/her knowledge and belief.

Signature(s)

Date(s) of Signature

Date(s) Work Completed





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

RECEIVED  
DEP-3280  
ECP/WASTE MGMT.

2006 SEP 25 AM 11:22

## UNDERGROUND STORAGE TANK MODIFICATION REPORT

I. FACILITY INFORMATION		OFFICIAL USE ONLY	
		INITIAL	DATE
Facility I.D. Number	<u>23-14086</u>		
Facility Name	<u>Toby Farms Elem. School</u>	CO Review	_____
Facility Address	<u>Trimble Blvd + Bridgewater Rd</u>	Data Entry	_____
	<u>Chester PA</u>	RO Review	_____
Municipality	<u>Chester Township</u>		
County	<u>Delaware</u>		

### II. TANK INFORMATION

Tank modification is in accordance with manufacturer's specifications and current industry standards. If no, explain all irregularities in the comment section.

☒ Yes ☐ No

Is this modification in response to an inspection?

☐ Yes ☒ No

Tank modification complies with Fire Safety Requirements (for flammable & combustible liquids). If no, explain all irregularities in the comment section.

☒ Yes ☐ No ☐ Not Applicable

Fire/Safety Permit Number \_\_\_\_\_ Issued By \_\_\_\_\_ Date \_\_\_\_\_

This modification activity is?

☒ Major modification ☐ Minor modification

Major modifications include all instances of excavation in the backfill area.

### III. INSTALLER INFORMATION

Installer Name	Certification Number	Certification Category(ies)	Company Name	Company Certification
<u>Michael McCann</u>	<u>1865</u>	<u>UMX</u>	<u>Ferguson + McCann</u>	<u>249</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

## UNDERGROUND STORAGE TANK MODIFICATION REPORT

I. FACILITY INFORMATION			OFFICIAL USE ONLY	
Facility I.D. Number	<u>23-14086</u>		INITIAL	DATE
Facility Name	<u>Toby Farms Elem. School</u>	CO Review		
Facility Address	<u>Trimble Blvd + Bridgewater Rd</u> <u>Chester PA</u>	Data Entry		
		RO Review		
Municipality	<u>Chester Township</u>			
County	<u>Delaware</u>			

**II. TANK INFORMATION**

Tank modification is in accordance with manufacturer's specifications and current industry standards. If no, explain all irregularities in the comment section.

☒ Yes    ☐ No

Is this modification in response to an inspection?

☐ Yes    ☒ No

Tank modification complies with Fire Safety Requirements (for flammable & combustible liquids). If no, explain all irregularities in the comment section.

☒ Yes    ☐ No    ☐ Not Applicable

Fire/Safety Permit Number \_\_\_\_\_ Issued By \_\_\_\_\_ Date \_\_\_\_\_

This modification activity is?

☒ Major modification    ☐ Minor modification

Major modifications include all instances of excavation in the backfill area.

III. INSTALLER INFORMATION				
Installer Name	Certification Number	Certification Category (ies)	Company Name	Company Certification
<u>Michael McCann</u>	<u>1865</u>	<u>UMX</u>	<u>Feigerson + McCann</u>	<u>249</u>



FACILITY I.D. # 23 - 1486**IV. TANK SYSTEM COMPONENTS.**

Tank # Tank # Tank #

00410,000

(capacity - in gallons)

9AS

(substance code)

Tank # Tank # Tank #

(capacity - in gallons)

(substance code)

**(1) Tank Modifications**

- ☐ ☐ ☐ C Cathodic protection (impressed)  
☐ ☐ ☐ I Liner Installation  
☐ ☐ ☐ 99 Other (describe in V. Comments)

**(2) Underground Piping Installation or Modification**

- ☐ ☐ ☐ B Cathodic protection  
☐ ☐ ☐ D Fiberglass/rigid non-metallic  
☐ ☐ ☐ E Flexible non-metallic  
☐ ☐ ☐ H Modification of existing piping  
☐ ☐ ☐ I Double walled steel piping  
☐ ☐ ☐ J Double walled fiberglass  
☐ ☐ ☐ K Double walled plastic  
☐ ☐ ☐ L Trench liner  
☐ ☐ ☐ M Jacketed piping  
☐ ☐ ☐ 99 Other (describe in V. Comments)

**(PFLEX) Piping Flexible Connections**

- ☐ ☐ ☐ B Metallic w/cathodic protection  
☒ ☐ ☐ C Flexible w/protected ends  
☐ ☐ ☐ E Flexible non-metallic  
☐ ☐ ☐ I Inside containment  
☐ ☐ ☐ M Jacketed  
☐ ☐ ☐ N Not in contact with electrolyte  
☐ ☐ ☐ 99 Other (describe in V. Comments)

**(4) Pump (Piping) System Modifications**

- ☐ ☐ ☐ A Suction: Check valve at pump  
☐ ☐ ☐ B Suction: Check valve at tank  
☐ ☐ ☐ C Pressure: Submersible pump  
☐ ☐ ☐ D Gravity Fed

**(5) Pipe Release Detection Modifications**

- ☐ ☐ ☐ A Automatic line leak detector  
☐ ☐ ☐ D Interstitial monitoring  
☐ ☐ ☐ K Electronic line leak detector  
☐ ☐ ☐ L Interstitial monitor w/alarm or shut off  
☐ ☐ ☐ 99 Other (describe in V. Comments)

**(6) Spill Prevention Installation/Modification**

- ☐ ☐ ☐ Y Yes

**(7) Overfill Prevention Installation/Modification**

- ☐ ☐ ☐ S Drop tube shut-off device  
☐ ☐ ☐ A Overfill alarm  
☐ ☐ ☐ B Ball float valve

**(12) Tank Release Detection Installation/Modification**

- ☐ ☐ ☐ E Automatic tank gauge  
☐ ☐ ☐ H Interstitial monitor (2 walls)  
☐ ☐ ☐ I Interstitial monitor (liner)  
☐ ☐ ☐ J Groundwater monitor  
☐ ☐ ☐ K Vapor monitoring

**(19) Stage I Vapor Recovery**

- ☐ ☐ ☐ A Coaxial  
☐ ☐ ☐ B 2 Port

**(20) Stage II Vapor Recovery**

- ☐ ☐ ☐ A Complete balance system  
☐ ☐ ☐ B Complete assist system  
☐ ☐ ☐ C Underground piping only

**V. COMMENTS (Explain "other" attributed. Describe in detail, activity completed.)**

*Installed 2" Flex pipe for gasoline product line to pump*

**VI. INSTALLER CERTIFICATION**

This Section must be completed by the certified installer(s) for modifications performed on underground storage tank systems. By signing below, the certified installer verifies that the tank handling activity was conducted in compliance with the standards of Act 32 and applicable regulations. The signature also certifies, under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided is true, accurate, and complete to the best of his/her knowledge and belief.

*[Signature]*

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature(s)

*9/1/06*

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Date(s) of Signature

*9/1/06*

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Date(s) Work Completed





270 BODLEY RD  
ASTON, PA 19014

NO:14128

The following number must appear on all invoices, bills of lading, and acknowledgements relating to this PO:

9/12/2006

P.O. Date  
TERMS  
F.O.B.  
SHIP VIA

[illegible]

**Send Correspondence to:**  
Nicholas Carabetta  
Director of Transportation  
249 Bridgewater Road  
Chester Twp, Pa 19015  
610-447-3821

**SUB TOTAL**

9/12/06  
DATE



**FERGUSON & McCANN, Inc.****MECHANICAL CONTRACTORS**

SERVICE STATION EQUIPMENT

*Installed • Serviced • Removed*

EXCAVATING EQUIPMENT RENTALS

CERTIFIED petroTitle TANK TESTING SYSTEMS

270 BODLEY ROAD • ASTON, PA 19014

Established 1933

Email: Fergmcca@aol.com Website: www.fergusonmccann.com

September 5, 2006

Chester Upland School District

201 Bridgewater Road

Chester Twp., PA 19015

Attn: Nicholas Carabetta

Re: Gasoline Pump

Invoice: 14128

Payable upon Receipt

To furnish labor, material and equipment to perform the following:

To saw cut and excavate to locate gasoline product line

To remove existing fuel pump

To supply and install (1) 2" flex product pipe from  
gasoline tank to dispenser with necessary fittings

To re-install fuel pump and backfill excavation

To start up and check operation of equipment

To repour concrete and clean job site

To complete a PADEP Tank Modification Report

Total Invoice:

\$4,984.00

\* Report enclosed

*Thank you for your business*

---

All Agreements subject to delays caused by strikes and other causes beyond our control.

Rock, Water, Contaminated Product and Soil not included in our estimate and would be considered extra.





Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building

P.O. Box 8763

Harrisburg, PA 17105-8763

June 29, 2006

Bureau of Waste Management

In PA: 1-800-42-TANKS

Local & Out of State: 717-772-5599

Marylu Stephens  
249 BRIDGEWATER RD  
Brookhaven, PA 19015

**Inspection Due Date: August 8, 2006**

Re: TOBY FARMS ELEM SCH, Facility No. 23-14086  
Chester, Delaware County

Dear Underground Storage Tank Owner:

Technical Standards For Underground Storage Tanks, 25 PA Code Chapter 245 Subchapter E, require that operations inspections be conducted at storage tank facilities. An operations inspection is/was required at the referenced underground storage tank facility on or before the above Inspection Due Date, which is also reflected on your Registration Certificate. Operations inspections confirm tank system and operator compliance with technical and operational requirements; release detection requirements are especially important. We want to assure that all storage tank systems are properly operated and maintained to protect public health and the environment.

You are required to have a periodic facility operations inspection of all underground tank systems located at your facility. A facility operations inspection at a minimum must be performed every five years after the initial inspection is completed. If a facility has total secondary containment (tanks, piping, tank tops and dispensers) an inspection is required at least every 10 years. Whenever operational violations(s) are identified at a facility, additional inspections could be required. The regulations also require an inspection within 12 months following a new installation or ownership change.

An inspector holding DEP certification in the IUM category must conduct operations inspections of underground storage tank systems. The certified inspector must complete and submit an operations inspection form to DEP. It is your responsibility to make all arrangements regarding the inspection, including obtaining a certified inspector to conduct the operations inspection. We suggest that you contact several certified inspection companies, which have employees certified in the IUM category, to obtain bids for the inspection work.

When you have selected an inspector, ask the inspector's advice for organizing the necessary construction, release detection and operational records so that you have them available for the inspection.



Please notify the Department of the scheduled inspection date and certified inspector's name by returning the enclosed postcard, calling or e-mailing at least 10 days prior to the inspection. The following information is enclosed for your use:

- "Questions Commonly Asked by Storage Tank Owners Concerning Operations Inspections",
- A postcard for confirming your inspection schedule to DEP.

A current "Certified Tank Inspection Companies" list, where certified IUM inspectors can be contacted, and the "Underground Storage Tank Facility Operations Inspection" form which the inspector must complete and submit to DEP are available by accessing our website at: <http://www.state.pa.us>. Enter "DEP Storage Tanks" in the **Keyword** box. At the Storage Tanks homepage click on "Underground Storage Tanks", then choose the link to "Certified Inspector Companies", or for the inspection report choose the link, Facility Operations Inspection Form, "2570-FM-LRWM0501a."

If you prefer to telephone the inspection schedule to PADEP, have any questions, or would like a copy of the above documents mailed to you, please feel free to call Ms. Angela Bransteitter in the Department's Division of Storage Tanks at the above number.

Sincerely,



Walter R. Nagel  
Chief,  
Underground Storage Tank Unit

Enclosures (2)

cc: Southeast Regional Office



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT  
STORAGE TANK DIVISION

SAL CLF

## FOR DEP USE ONLY

Reviewer \_\_\_\_\_  
Date \_\_\_\_\_  
Entered by \_\_\_\_\_  
Date \_\_\_\_\_

## UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION

**FACILITY INFORMATION**

ID Number 23 - 14086  
Name Toby Farms Elementary School  
Address Trimble Blvd & Bridgewater Rd  
Chester, PA 19015

**Representative Present During Inspection**

Name Nicholas CARABETTA  
Phone 610-447-3821  
☐ Owner ☒ Operator ☐ Employee

**CERTIFIED INSPECTOR**Name Les TrammelID No. 2551

Date of First Site Visit (month/day/year)

08/08/01**OPERATOR** (if different than owner)Name Chester Upland School District

Address \_\_\_\_\_

**Financial Responsibility Information**

- Required of all UST owners except state agencies.
- Provided by USTIF. Owner must have deductibles available as provided in regulations.

**A Fire Marshal or L & I permit must be displayed** (nearly all flammable or combustible liquid tanks).**Suspected or confirmed contamination observed - notify proper region within 48 hours.****Improperly closed or unregistered tanks present** Yes ☐ (if so, provide comment) No ☒**Amended registration form required for** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Added tanks         | <input type="checkbox"/> Change in substance stored                          |
| <input type="checkbox"/> Closed tanks        | <input type="checkbox"/> Change of operational status (in or out of service) |
| <input type="checkbox"/> Change in tank size | <input type="checkbox"/> Change of owner                                     |

**Inspection summary.**

Indicate the compliance status of each item below using the following codes: N = Non-Compliant C = Compliant

	DEP Use	Tank No. 004	Tank No. 005	Tank No.	Tank No.	Tank No.
Tank Construction and Corrosion Protection	(A)	C	C			
Piping Construction and Corrosion Protection	(B)	C	C			
Spill Prevention	(C)	C	C			
Overfill Prevention	(D)	C	C			
Registration Certificate Display	(E)	C	C			
Tank Release Detection	(F)	C	C			
Piping Release Detection	(G)	C	C			
DEP Use	(-)					

I, the DEP Certified Inspector (IUM), have inspected the entire above referenced facility including examining manways, sumps, monitoring wells and dispensers. Based on my personal observation of the facility and documentation provided by the owner, I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.

8/8/01

Certified Inspector's Signature

Date

As the representative of the owner or operator, I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.

Signature

Title

8/8/01

Date



# UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION

Facility Name Toby Farms Elementary Date 8/8/01 Facility ID 23 -14086

I. **TANK SYSTEM INFORMATION.** For each tank, write in the Tank Number at the top of the column, its capacity, substance stored, installation date and manifold condition ("—" if not a slave tank) directly underneath. Fill in the remainder of the Tank System Information using the proper Tank System Component Code from the lists at the bottom of the page.

	Tank No. <u>004</u>	Tank No. <u>005</u>	Tank No.	Tank No.	Tank No.	DEP Use
1. Tank Capacity (name plate gallons)	<u>10,000</u>	<u>10,000</u>				
2. Substance Stored	<u>gas</u>	<u>diesel</u>				
3. Installation Date	<u>8/90</u>	<u>8/90</u>				
4. This slave tank is manifolded to tank no.						
5. Tank status	<u>C</u>	<u>C</u>				
6. Total secondary containment on this tank	<u>N</u>	<u>N</u>				(18)
7. Tank construction and corrosion protection	<u>H</u>	<u>H</u>				(1)
8. Main piping construction and corrosion protection	<u>K</u>	<u>K</u>				(2)
9. Piping flexible joints/connectors construction	<u>I</u>	<u>I</u>				
10. Pump (product dispensing) system	<u>B</u>	<u>B</u>				(4)
11. Spill protection	<u>Y</u>	<u>Y</u>				(6)
12. Overfill type	<u>S</u>	<u>S</u>				(7)
13. Current registration certificate display	<u>Y</u>	<u>Y</u>				(8)
14. Stage I vapor recovery	<u>B</u>	<u>N</u>				(19)
15. Stage II vapor recovery	<u>A</u>	<u>N</u>				(20)
Evaluate the tank system leak detection methods carefully before filling in the next 3 rows.						
16. Tank release detection (1 or 2 [when necessary] codes)	<u>E</u>	<u>E</u>				(12)
17. Piping small release detection (.2 gph monthly or .1 gph annually)	<u>D</u>	<u>D</u>				(5)
18. Pressure (C or D) piping line leak detection	<u>L</u>	<u>L</u>				

## Tank System Component Codes

### 5. Tank status

- C Currently in use
- T Temporarily out of use and empty
- I Product present, not being used (idle)

### 6. Total secondary containment (see instructions)

- Y Yes
- N No

### 7. Tank construction

- A Unprotected Steel (single wall)
- B Cathodically Protected Steel (Galvanic)
- C Cathodically Protected Steel (Impressed Current)
- D Unprotected Steel (double wall)
- E Fiberglass (Single Wall)
- F Fiberglass (Double Wall)
- G Steel w/ Plastic or Fiberglass Jacket (includes double wall Act 100)
- H Steel w/ FRP Coating (Act 100 or equivalent)
- I Steel w/ lined interior
- J Concrete
- N Unknown
- O Cathodically Protected Double Walled Steel
- P Cathodically protected steel with liner
- 99 Other (must provide written comment)

### 8. Main piping construction

- A Bare Steel (including only wrapped or coated)
- B Cathodically Protected, Metallic
- C Copper
- D Fiberglass or rigid non-metallic
- E Flexible Non-metallic
- F Unknown
- G No piping requiring corrosion protection (provide comment)
- I Double wall, metallic primary
- J Double wall rigid (FRP) primary
- K Double wall flexible primary
- 99 Other (must provide written comment)

### 9. Piping flexible joints/connectors

- A Unprotected metallic component(s) (including only wrapped or coated)
- B Cathodically Protected, Metallic
- C Flexible coupling with protected metallic ends
- F Unknown
- I Completely inside a containment sump, secondary pipe or liner
- M Completely jacketed with sealed boot
- N Not in contact with the ground
- 99 Other (must provide written comment)

### 10. Pump (delivery) system

- A Suction: check valve at pump or siphon
- B Suction: check valve at tank
- C Pressure
- D Gravity flow to dispenser
- E None or piping ALL aboveground

### 11. Spill protection

- Y Yes
- E Filled in less than 25 gallon increments
- N None

### 12. Overfill type

- S Drop tube shut off device
- A Overfill alarm
- B Ball float valve
- E Filled in less than 25 gallon increments
- N None

### 13. Current registration certificate display

- Y Properly displayed
- N Not Displayed

### 14. Stage I vapor recovery

- A Coaxial
- B 2 port
- N Not complete or none

### 15. Stage II vapor recovery

- A Complete balance system
- B Complete assist system
- C UG piping only
- N Not completed or none

### 16. Tank release detection

- A Inventory Control; requires code C or E
- C Tank Tightness Testing every 5 years
- D Statistical Inventory Reconciliation (SIR)
- E Automatic Tank Gauging (.2 gph Leak Test)
- F Manual Tank Gauging (36 Hour)
- G Manual Tank Gauging (44 or 58 Hour)
- H Interstitial Monitoring (2 Walls)
- I Interstitial Monitoring (Liner)
- J Groundwater Monitoring
- K Vapor Monitoring
- N None
- O Exempt (must provide written comment)

### 17. Piping small release detection (.2/1 gph)

- B Annual Line Tightness Test (pressure)
- C Line Tightness Test - 3 years (suction)
- D Interstitial Monitoring (monthly)
- E Groundwater Monitoring
- F Vapor Monitoring
- H None
- I Exempt (must provide written comment)
- J Statistical Inventory Reconciliation (SIR)
- K Electronic Line Leak Detector (.2 gph test)

### 18. Piping line leak detection (3 gph within 1 hr.)

- A Automatic Line Leak Detection (incl. test)
- H None
- K Electronic Line Leak Detector (3 gph test)
- L Continuous Interstitial monitoring with alarm or pump shut off.

# UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION

Facility Name Toby Farms Elementary Date 8/8/01 Facility ID 23 -14086

## II. Release Detection Reference

- Records may be located at the facility or a readily available alternate site.
- The records include all of the information checked below.
- The inspector has actually seen the records.
- A test inconclusive result or failure is an indication of possible product release.

Tank Tank Tank Tank Tank  
004 005

Instructions: Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.  
Circle with "N/A" when criteria is not applicable.

## Inventory Control: (Tank only - code A)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<10 years since installation or addition of corrosion protection to bare steel tank
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	stick (or ATG) capable of measuring to 1/8th inch
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	stick (or ATG) readings and dispenser readings each operating day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1/8th inch accuracy in product (stick) readings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	before/after delivery stick readings reconciled with delivery receipts
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	deliveries made through a drop tube
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	dispenser meter calibrated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	monthly check for water (1/8th inch accuracy)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	monthly reconciliation (1% of volume pumped plus 130 gallons) performed

## Precision Tightness Test: (Tank only - code C)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	complete documentation of tightness test available
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	performed by UTT certified installer (after 9/28/96)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	manufacturer's certification of ability to detect .1 gph release is available
					date of last test _____, result _____
					method used (after 10/11/94) _____

## Statistical Inventory Reconciliation: (Tank code D, and/or piping code J)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	manufacturer's certification of ability to detect .2 gph release is available
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	data is collected according to the test vendor's instructions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	analysis completed monthly and results supplied to owner/operator
					test vendor _____

## Automatic Tank Gauging: (Tank only - code E)

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	valid monthly leak test conducted and documented
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	manufacturer's certification of ability to detect .2 gph release is available
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	probes and gauge software certified for manifolded tank systems
					date installed <u>8/90</u>
					ATG manufacturer <u>Gilbarco</u> ATG model <u>EMC</u>
					software version <u>11.01</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>Uncertified gauges also require inventory control</li> </ul>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	records including dates of calibration, maintenance, and repair for the past year
					equipment is operational

## Manual Tank Gauging: (Tank only - code F (may require code C) or G)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	tank capacity is 2,000 gallons or less
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	performed weekly
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1/8th inch accuracy stick readings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	average 2 stick readings before and after test
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	test length appropriate for each tank
					<ul style="list-style-type: none"> <li>36 hours minimum</li> <li>44 hours, 551-1000 gallons, 64" diameter, no tightness test</li> <li>58 hours, 551-1000 gallons, 48" diameter, no tightness test</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	variation is within standard (both weekly and monthly)

# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION**

Facility Name Toby Farms Elementary Date 8/8/01 Facility ID 23 -14008

Tank and Pipe	Tank and Pipe	Tank and Pipe	Tank and Pipe	Tank and Pipe
004	005			

**Instructions:** Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.  
Circle with "N/A" when criteria is not applicable.

## **III. CORROSION PROTECTION COMPLIANCE CRITERIA**

### **Lined Tanks: (Tank only - code I)**

☐ ☐ ☐ ☐ ☐

tank inspected and lined according to national standard  
date lined \_\_\_\_\_

☐ ☐ ☐ ☐ ☐

tank initially inspected 10 years after lining and every 5 years after that  
(15, 20, 25, ... years after lining)  
date(s) inspected \_\_\_\_\_

### **Galvanic Cathodic Protection: (Tank code B or O, and/or Piping (may include code B))**

☐ ☐ ☐ ☐ ☐

structure to soil potential greater than .85 volts, or

☐ ☐ ☐ ☐ ☐

meets other nationally recognized protection standard: specify \_\_\_\_\_

☐ ☐ ☐ ☐ ☐

documentation of last two monitoring results

date(s) measured \_\_\_\_\_

- monitoring conducted within six months of installation
- monitoring conducted every three years (single wall tank and piping)
- monitoring conducted within 6 months of repair

### **Impressed Current Cathodic Protection (Tank code C or P, and/or Piping (may include code B))**

☐ ☐ ☐ ☐ ☐

structure to soil potential greater than .85 volts, or

☐ ☐ ☐ ☐ ☐

meets other nationally recognized protection standard: specify \_\_\_\_\_

☐ ☐ ☐ ☐ ☐

documentation of last two monitoring results

date(s) measured \_\_\_\_\_

- monitoring conducted within six months of installation
- monitoring conducted every three years
- monitoring conducted within 6 months of repair

☐ ☐ ☐ ☐ ☐

documentation of last three volt and amp readings available

☐ ☐ ☐ ☐ ☐

• volt and amp readings recorded every 60 days (within design limits)

system designed by a corrosion expert

### **If Cathodic Protection is Added to Existing Tanks, One of the Following is Required:**

☐ ☐ ☐ ☐ ☐

tank was internally inspected and found to be structurally sound and free of corrosion  
holes

☐ ☐ ☐ ☐ ☐

the tank was less than ten years old and now uses automatic tank gauging, soil vapor  
monitoring, groundwater monitoring, interstitial monitoring or statistical inventory  
reconciliation for leak detection

☐ ☐ ☐ ☐ ☐

the tank was less than ten years old and was tested for tightness prior to installing the  
cathodic protection and between three and six months following the first operation of  
the cathodic protection

☐ ☐ ☐ ☐ ☐

the tank was assessed and found to be acceptable for upgrading under ASTM  
standard ES 40-94 or G158. Includes tightness tests prior to and between 3 and 6  
months following the installation of the cathodic protection.

- cathodic protection installed within 6 months of assessment

Date assessed \_\_\_\_\_

Date installed \_\_\_\_\_

## **IV. MANDATED TECHNICAL REQUIREMENTS**

List the system technical upgrades necessary to continue operating after 12/22/98:

None

UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION

Facility Name Toby Farms Elementary Date 08/08/01 Facility ID 23 -14086

- V. **COMMENTS**—Suspected contamination, improperly closed tanks, “other” types of construction, tank system modifications (with date), estimated installation date when actual date is unknown, leak detection exemptions, owner/operator actions needed for compliance, changes at site since initial inspection (with date), and other information that would be helpful to the owner, operator or DEP when reviewing the inspection. Include description of technical assistance given to the owner/operator.

Reference section and tank number for each comment

Section I - Tanks 004,005 - there are check valves at the tanks, but they are double wall lines with sump monitors that  
continuously monitor the sumps. The ATG performs a tank test weekly, records are kept on site.

# 10/11/2020 10:11:11 AM

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Pennsylvania Department of Environmental Protection  
Rachel Carson State Office Building  
P.O. Box 8763  
Harrisburg, PA 17105-8763  
July 18, 2001

Bureau of Land Recycling  
and Waste Management

717-772-5599  
or 1-800-42-TANKS (in PA)  
Fax: 717-772-5598

CHESTER UPLAND SCH DIST  
1720 MELROSE AVE  
CHESTER, PA 19013

**Inspection Due Date: September 4, 2001**

Re: TOBY FARMS ELEM SCH, Facility No. 23-14086  
Chester Twp, Delaware County

Dear Underground Storage Tank Owner:

Technical Standards For Underground Storage Tanks, 25 PA Code Chapter 245 Subchapter E, require that operations inspections be conducted at storage tank facilities. An operations inspection is required at the referenced underground storage tank facility by the above **Inspection Due Date**. Operations inspections confirm tank system compliance with technical and operational requirements, especially leak detection requirements. We want to assure that all storage tank systems are properly operated and maintained to protect public health and the environment.

In addition, you are required to have a periodic facility operations inspection of all underground tank systems located at your facility. Facility operations inspection at a minimum must be performed every five years after the initial inspection is completed. If a facility has total secondary containment (tanks, piping, pumps and dispensers) an inspection is only required every 10 years.

An inspector holding DEP certification in the IUM category must conduct operations inspections of underground storage tank systems. The certified inspector must complete and submit an operations inspection form to DEP. It is your responsibility to make all arrangements regarding the inspection, including obtaining a certified inspector to conduct the operations inspection. We suggest that you contact several certified inspection companies, which have employees certified in the IUM category, to obtain bids for the inspection work.

When you have selected an inspector, ask the inspector's advice for organizing the necessary construction, release detection and operational records so that you have them available for the inspection.

July 18, 2001

Please notify the Department of the scheduled inspection date and certified inspector's name by returning the enclosed postcard at least 10 days prior to the inspection. The following information is enclosed for your use:

- "Questions Commonly Asked by Storage Tank Owners Concerning Operations Inspections",
- A postcard for confirming your inspection schedule to DEP,
- An "Underground Storage Tank Facility Operations Inspection" form which the certified inspector must complete and submit to DEP, and
- A current "Certified Inspection Companies" list, where certified inspectors can be contacted.

If you have any questions or need further assistance, please feel free to call Richard Chapman in the Department's Division of Storage Tanks at the above number.

Sincerely,



Raymond S. Powers  
Chief  
Storage Tank Technologies and  
Permitting Section

Enclosures (4)

# 1998 FACILITY COMPLIANCE SURVEY

INTERN NAME: V. LENEHAN + T. LANDY

DATE & TIME of SURVEY: 6/19/98 10:45am

FACILITY ID NUMBER: 23-14086

FACILITY NAME: TOBY FARMS ELEM SCH.

FACILITY ADDRESS: TRIMBLE BLVD & BRIDGWATER RD  
CHESTER, PA 19013

MUNICIPALITY: (001) CHESTER TWP. COUNTY: (23) DELAWARE

CONTACT NAME: \_\_\_\_\_ TITLE: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

A) IS THE CONTACT PERSON FAMILIAR WITH THE 12-22-98 UPGRADE DEADLINE FOR ALL REGULATED UNDERGROUND STORAGE TANKS?

☐ YES

☐ NO (PROVIDE UPGRADE INFO PACKET)

B) WHICH OF THE FOLLOWING OPTIONS IS BEING IMPLEMENTED TO MEET THE 12-22-98 DEADLINE (CHECK WHICH OPTION APPLIES TO EACH TANK SYSTEM): ?

TANK NUMBER ➡➡➡➡	4	5					
PRODUCT ➡➡➡➡	Gasoline	Diesel					
Permanent Closure							
Temporary Closure*							
Upgrade to Meet 1998 Standards							
Currently Meets 1998 Standards**							
➡➡➡➡➡➡ Date Upgraded							
Not Planning to Meet 1998 Standards							

\*NOTE: This is a temporary option & it expires on 12-22-99 for all tanks!

\*\*NOTE: Verification must be submitted by owner/operator to avoid a PADEP follow-up compliance inspection. One of the following types of verification must be submitted by 12-22-98:

- ➡ Operations inspection by a Department certified IUM Inspector
- ➡ Tank Handling Activities Report by a Department certified UMX Installer
- ➡ Completed Registration Form signed by the owner with supporting documentation





06-16-1998

BUREAU OF WATER QUALITY  
TANK LIST

PAGE 1

FACILITY ID# 23-14056  
FACILITY NAME TOBY FARMS ELEMENTARY SCHOOL

TANK#	SEG#	STATUS	CAPACITY REG DATE	INST DATE EXPR DATE	SUBSTANCE STORED LAST BILLING YEAR
23055	001	C	8,000 01-13-1998	12-01-1983 02-04-1999	HEATING OIL INVOICED THRU 1999
23056	002	C	8,000 01-13-1998	12-01-1983 02-04-1999	HEATING OIL INVOICED THRU 1999
23057	003	W	8,000 11-19-1992	12-01-1973 02-04-1993	GASOLINE INVOICED THRU 1994
119839	004	C	10,000 01-13-1998	08-01-1990 02-04-1999	GASOLINE INVOICED THRU 1999
116707	005	C	10,000 01-13-1998	08-01-1990 02-04-1999	DIESEL INVOICED THRU 1999



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF WATER QUALITY MANAGEMENT  
STORAGE TANK DIVISION

UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION

☒ initial inspection

☐ follow up inspection

Inspected by  
SOUTHERN DISTRICT  
May 29 1996

I. FACILITY INFORMATION

Facility Identification Number 23-14086  
Facility Name Toby Farms Elementary School  
Facility Address Trimble Blvd + Bridgewater  
Chester PA, 19015  
Owner/Operator Representative: (present during inspection)  
Name Mare P Tetreau  
Phone 610-447-3617

II. CERTIFIED INSPECTOR

Name Dennis Coen  
Certified Inspector No. 1356  
Phone No. 215-938-8666  
Employer Hi-Tek Environmental

III. DATE(S) OF INSPECTION

(month/day/year) 5/14/96

IV. FINANCIAL RESPONSIBILITY INFORMATION PROVIDED

Yes ☒ No ☐

V. SUSPECTED/CONFIRMED CONTAMINATION OBSERVED

Yes ☐ (If so, provide comment) No ☒

VI. IMPROPERLY CLOSED TANKS ARE PRESENT

Yes ☐ (If so, provide comment) No ☒

VII. TANK SYSTEM INFORMATION (See Page 2)

VIII. INSPECTION SUMMARY. Complete this section when inspection is final.

1. Indicate the compliance status of each item below using the following codes: N = Non-Compliant  
C = Compliant

	Tank No. <u>004</u>	Tank No. <u>005</u>	Tank No. ---	Tank No. ---	Tank No. ---
Tank Construction and Corrosion Protection	C	C			
Piping Construction and Corrosion Protection	C	C			
Spill Prevention	C	C			
Overfill Prevention	C	C			
Registration Sticker Display	C	C			
Tank Release Detection	N	N			
Piping Release Detection	N	N			

2. CERTIFIED INSPECTOR

I, the DER Certified Inspector, have inspected the entire above-referenced facility. Based on my observation of the facility and information provided by the owner, I certify under penalty of law as provided in 18 Pa. C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.

[Signature]  
Certified Inspector's Signature

5/14/96  
Date

3. OWNER/OPERATOR REPRESENTATIVE: I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.  
I have 1 have not (circle one) submitted an amended registration form.

[Signature]  
Signature

S.M. Manager  
Title

5-14-96  
Date

Completed inspection report distribution

1. Original to DER Regional Office
2. Copy to Department of Environmental Resources, Bureau of Water Quality Management, Division of Storage Tanks, P.O. Box 8762, Harrisburg, PA 17105-8762.
3. Copy to facility
4. Copy to inspector

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF WATER QUALITY MANAGEMENT  
STORAGE TANK DIVISION

UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION

(continued)

Facility Name Toby Farms Elementary Sch  
Facility ID 23-14086

**VII. TANK SYSTEM INFORMATION** For each tank, write in the Tank Number at the top of the column, the Tank Capacity, Substance Stored, Installation Date, and the most recent Modification Date. For the remaining items, fill in the correct Tank System Component Code from the lists at the bottom of the page.

	For DER Use	Tank No. <u>004</u>	Tank No. <u>005</u>	Tank No. ---	Tank No. ---	Tank No. ---
1. Tank Capacity (gallons)		10000	10000			
2. Substance Stored		Gas	Diesel			
3. Installation Date		Aug 1990	1990			
4. Modification Date (if any)		---	---			
5. Tank Construction and Corrosion Protection	(1)	D/H	D/H			
6. Piping Construction and Corrosion Protection	(2)	E	E			
7. Pump (piping) System	(4)	A	A			
8. Spill Prevention	(6)	Y	Y			
9. Overfill Prevention	(7)	Y	Y			
10. Current Registration Sticker Display	(8)	Yes	Yes			
11. Fire Marshal Permit	(9)	C	C			
12. Vapor Recovery	(11)	C	C*			
Complete the attached pages before entering the codes for the following items						
13. Tank Release Detection (2 possible)	(12)	N	N			
14. Piping Release Detection (2 possible)	(5)	H	H			

## TANK SYSTEM COMPONENT CODES

## 5. TANK CONSTRUCTION and CORROSION PROTECTION

- A Unprotected Steel (single wall)
- B Cathodically Protected Steel (Galvanic)
- C Cathodically Protected Steel (Impressed Current)
- D Double Walled Steel
- E Fiberglass (Single Wall)
- F Fiberglass (Double Wall)
- G Steel w/ Plastic or Fiberglass Jacket
- H Steel w/ FRP Coating (Act 100 or equivalent)
- I Steel w/ lined interior
- J Concrete
- N Unknown
- 99 Other (provide written comment)

## 6. PIPING CONSTRUCTION and CORROSION PROTECTION

- A Bare Steel
- B Cathodically Protected Steel
- C Copper
- D Fiberglass
- ☒ E Flexible Non-metallic
- F Unknown
- 99 Other (provide written comment)

## 7. PUMP (PIPING) SYSTEM

- ☒ A Suction: Check Valve at Pump
- B Suction: Check Valve at Tank
- C Pressure
- D Gravity Fed

## 8. SPILL PREVENTION

- Y Yes
- N No

## 9. OVERFILL PREVENTION

- Y Yes
- N No

## 10. CURRENT REGISTRATION STICKER DISPLAY

- Y Properly displayed at fill
- N None

## 11. FIRE MARSHAL PERMIT

- A Issued prior to August 5, 1989
- B Issued on or after August 5, 1989
- ☒ C No permit obtained
- D Tanks not regulated by Fire Marshal

## 12. VAPOR RECOVERY

- A Stage I Installed
- B Stage II Installed
- C Stage I and II Installed
- D None

## 13. TANK RELEASE DETECTION

- A Inventory Control and code B or C
- B Annual Tank Tightness Testing
- C Tank Tightness Testing every 5 years
- D Statistical Inventory Reconciliation
- ☒ E Automatic Tank Gauging
- F Manual Tank Gauging (36 Hour)
- G Manual Tank Gauging (44 or 58 Hour)
- ☒ H Interstitial Monitoring (2 Walls)
- I Interstitial Monitoring (Liner)
- J Groundwater Monitoring
- K Vapor Monitoring
- N None or method incomplete
- O Exempt (provide written comment)

## 14. PIPE RELEASE DETECTION

- A Automatic Line Leak Detector (incl. test)
- B Annual Line Tightness Test (pressure)
- C Line Tightness Test - 3 years (suction)
- ☒ D Interstitial Monitoring
- E Groundwater Monitoring
- F Vapor Monitoring
- H None or method incomplete
- I Exempt (provide written comment)



# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION RELEASE DETECTION REFERENCE SHEET (cont.)**

Facility Name Toby Rains Elementary SchoolFacility ID 28-14086

Pipe Pipe Pipe Pipe Pipe

Instructions: Check the box to indicate that criteria has been met.

004 005 \_\_\_\_\_

Circle the box to indicate that criteria has not been met.

**Piping Tightness Testing (Piping only)**

- |                                     |                                     |                          |                          |                          |  |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | test conducted at proper frequency   |
|                                     |                                     |                          |                          |                          | - conducted annually for pressurized piping  |
|                                     |                                     |                          |                          |                          | - test conducted every three years for suction piping (doesn't meet exempt criteria)               |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | documentation of last test and test was conducted within proper timeframe                          |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | manufacturer's certification of test performance   |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | if test device permanently installed, records of calibration, maintenance and repair for last year |

**Automatic Line Leak Detection (PRESSURIZED piping only)****NOTE:** This method of leak detection required on all pressurized piping in addition to at least one other leak detection method

- |                                     |                                     |                          |                          |                          |  |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | annual test of leak detector according to manufacturer's instructions  |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | documentation showing date and results of last annual test   |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | manufacturer's certification of equipment performance (when installed after September, 1991); able to detect a leak of 3 gph |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | records of calibration, maintenance and repair for last year   |

**Check Valve at the Dispenser (SUCTION piping only)**

- |                                     |                                     |                          |                          |                          |  |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | the tank is lower than the dispenser                           |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | the below grade piping slopes uniformly back to the tank       |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | there is only one check valve in the piping                    |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | the check valve is located close to the suction pump           |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | compliance with above specifications can be readily determined |

**CATHODIC PROTECTION COMPLIANCE CRITERIA**

Tank and Pipe Tank and Pipe Tank and Pipe Tank and Pipe Tank and Pipe

004 005 \_\_\_\_\_**Galvanic Cathodic Protection (Tank and Piping)**

- |                          |                          |                          |                          |                          |  |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | structure to soil potential greater than .85 volts     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | monitoring conducted within six months of installation |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | monitoring conducted every three years                 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | documentation of last two monitoring results           |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | monitoring conducted within 6 months of repair         |

**Impressed Current Cathodic Protection (Tank and Piping)**

- |                          |                                     |                          |                          |                          |  |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | structure to soil potential greater than .85 volts     |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | monitoring conducted within six months of installation |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | monitoring conducted every three years                 |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | documentation of last two monitoring results           |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | volt and amp readings recorded every 60 days           |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | documentation of last three volt and amp readings      |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | designed by a corrosion expert                         |

**If Cathodic Protection is Added to Existing Tanks, One of the Following is Required:**

- |                          |                          |                          |                          |                          |   |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | tank was internally inspected and found to be structurally sound and free of corrosion holes  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | the tank was less than ten years old and now uses automatic tank gauging, soil vapor monitoring, groundwater monitoring, interstitial monitoring or statistical inventory reconciliation for leak detection |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | the tank was less than ten years old and was tested for tightness prior to installing the cathodic protection and between three and six months following the first operation of the cathodic protection     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | the tank was also internally lined as specified in the rules  |

Commonwealth of Pennsylvania  
Department of Environmental Resources

Bureau of Water Quality Management  
Storage Tank Division

UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION COMMENT SHEET

Facility Name Toby Farms Elementary School Facility I.D. 23-14086

Reference section and tank number for each comment

- 1 Original certificate filed in <sup>Transportation</sup> ~~Administration~~ office "Copy" of certificate hanging publicly in the garage and posted under Transportation office
- 2 Review bid documents of 1990 Bid for public works installation and <sup>confirmations</sup>
3. Check valve confirmed for job specs to be located under pumps (Ref Page 21 and 2.3.4 of 1990 Bid Specs.)
- 4 Sec VII part 12 Vapor recovery for diesel not required however lines are installed for future use for specs + ins problem set specs page 21 and 2.3.4
- \* 5. Fire Marshall permit not in possession of owner, Owner will contact Fire Marshall + get copy
- 6 Dispenser were calibrated, however no record exists, owner will contact service company to send note (last service call 3/96)
- 7 Need to repair spill bucket in Diesel



## UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION REPORT

### GUIDELINES FOR CERTIFIED UNDERGROUND TANK INSPECTORS

#### BEFORE THE INSPECTION

Prior to arriving at the site, you should discuss the inspection with the person you will meet at the site. Explain that you will need access to the entire tank system and that you will need to speak with the person responsible for the tank operation and record keeping. Describe what records you will need to see, especially if records are kept at a different location. This will save you time on the day of the inspection.

#### THE INSPECTION (Clarifications for specific sections)

##### PAGE 1

- IV. Financial responsibility information provided: Indicate "yes" if you gave the owner/operator representative the current financial responsibility information. As of March, 1994, this information was not available. The information will be mailed to you when it becomes available. Until that time, you should indicate "no" for this section.
- V. Suspected/confirmed contamination observed: suspected contamination includes an unusual level of vapors, erratic behavior of product dispensing equipment, release detection results indicating a release or the discovery of holes in the storage tank or piping. Confirmed contamination includes product stained or product saturated soil or backfill, ponded product, free product or sheen on ponded water, free product or sheen on the groundwater surface or free product or sheen on surface water. The certification regulations (Ch. 245 (9/21/91)) require reporting of suspected or confirmed contamination by certified inspectors, installers, and companies. If you answer yes to this question, a Notification of Contamination form (write "Operations Inspection" at the top) should be submitted to the regional office within 48 hours of observing suspected or confirmed contamination.
- VI. Improperly closed tanks (definition) - a regulated tank that is not registered, not in use, and not properly inserted, and when required a site assessment and closure report were not submitted.
- VII. If incorrect information is listed on the registration certificate, the correct information should be entered on the inspection form and circled to highlight the change. The owner should submit an amended registration form. If the information is correct on the registration certificate, transfer the information to the inspection form.

Write in the substance stored such as gasoline, kerosene, diesel etc. except for heating oil. For heating oil use the following codes:

- A. Used only for space heating on the premises where stored.
- B. Used on the premises where stored but not exclusively for space heating.
- C. Used for resale or other off premises usage.

The year of the installation date must be correct. Encourage the tank owner to research this information before you arrive at the site.

The modification date should be the date of the most recent substantial modification (see Fact Sheet 14).

- VIII. The inspection summary must be completed at the end of the inspection.

## UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION REPORT (cont.)

### PAGE 2

VII. 5 & 6. Prior to arriving at the site, ask the owner the material of the tank and piping construction, including the method of corrosion protection. If the owner is unsure, encourage them to research the information with previous property owners or the tank system installer. For #6, Piping Construction and Corrosion Protection, only: When more than one type of piping is present, list both types. For example, both fiberglass and steel piping might be present on one tank system. In this case both codes would be listed at #6.

VII. 13. When completing page 3, only one method of release detection should be completed for each tank. If the criteria on the Release Detection Reference Sheet (page 3) for the release detection method chosen by the facility cannot be satisfied, no method of release detection should be indicated in this section (use Code N). For all criteria not met, provide a comment on the narrative page describing why credit cannot be given for release detection. If an item within the release detection method being evaluated on page 3 does not apply, 1) check the box, 2) write N/A after the box checked, and 3) write a comment on the comment sheet explaining why the criteria does not apply.

Groundwater or vapor monitoring wells need only be evaluated if they are being used as a method of release detection.

VII. 14. If the criteria on the Release Detection Reference Sheet (page 3 and 4) cannot be satisfied for the release detection method chosen or to be used, no method of release detection should be indicated in this section (use code H). For all criteria not met, provide a comment on the narrative page describing why credit cannot be given for release detection. When pressurized piping is used, it is possible that part, but not all of the criteria are met. Indicate this on the comment page (Example comment: A line leak detector is present, but no annual test has been completed). If all the criteria for Automatic Line Leak Detection have been met, use code A. If all the criteria for Piping Tightness Testing have been met, use code B or C. If an item on page 3 or 4 does not apply, 1) check the box, 2) write N/A after the box checked, and 3) write a comment on the comment sheet explaining why the criteria does not apply.

### PAGE 5

Comment Sheet: This page should be used to note additional information discovered during the inspection or actions taken during the inspection. Describe improperly closed regulated tanks, the nature and extent of suspected/confirmed contamination, problems with the tank registration certificate, and any comments regarding the tank system information. Also record phone conversations with DER personnel that took place during the inspection. If additional comment sheets are needed, label as appropriate and attach to the inspection report.

### IN GENERAL:

# of Tanks: When more than 5 regulated underground storage tanks are present at a facility, it will be necessary to use more than one set of inspection forms. In this case, appropriately label the forms at the bottom of the pages with the letters "a", "b", etc. in the first blank space, and the total number of pages in the second blank space. For example: Page 1a of 12.

### WHEN THE INSPECTION IS COMPLETE

All inspection forms must be submitted to DER, whether initial or follow up inspections. Never leave an inspection site without completing the form, including the inspection summary with signatures, even if plans have been made for a follow up inspection.





Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010

555 North Lane

Conshohocken, PA 19428

April 19, 1996

Southeast Regional Office

610-832-5949

Fax 610-832-6143

Chester Upland School District  
1720 Melrose Avenue  
Chester, PA 19013

Re: Storage Tank Program  
Toby Farms Elementary School  
Trimble Boulevard & Bridgewater  
Road  
Facility ID No. 23-14086  
Chester Township  
Delaware County

Dear Underground Storage Tank Owner:

The 1989 Storage Tank and Spill Prevention Act requires that operations inspections be conducted at storage tank facilities. Operation inspections are to review tank facility compliance with technical and operation requirements. Operations inspections of underground storage tanks must be conducted by an inspector holding DEP certification in the IUM category. After the operations inspection has been done, the completed operations inspection form must be submitted to DEP by the certified inspector.

Your facility has been scheduled for an operations inspection to be completed **within 45 days of receipt of this letter**. As the tank owner, it is your responsibility to make all arrangements regarding the inspection including obtaining the services of a certified inspector to conduct the operations inspection. We suggest that you contact several companies having employees certified in the IUM category to obtain bids for the inspection work. When you have selected an inspector, ask the inspector's advice for organizing the necessary documents and product inventory records so that you have them available for the inspection.



April 19, 1996

Please notify the Department of the scheduled inspection due and certified inspector's name, by returning the enclosed postcard at least 10 days prior to the inspection.

Enclosed are:

1. Questions Commonly Asked by Storage Tank Owners about Operations Inspections for your reference
2. A Postcard for confirming your inspection schedule to DEP, and
3. Underground Storage Tank Facility Operations Inspection Form which the inspector must complete and submit to DEP
4. A list of Certified inspection Companies

If you have any questions or concerns regarding the inspection, contact this office at the above telephone number.

Sincerely,



Stephan B. Sinding  
Chief, Storage Tank Program  
Environmental Cleanup

**Enclosures**

cc: DEP Field Staff  
Ms. Goldberg  
Mr. Lengel (Central Office)  
Re 30 (GJC)331-1



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF WATER QUALITY MANAGEMENT  
STORAGE TANK DIVISION

UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION

☒ initial inspection

95 MAY 20 follow up inspection

I. FACILITY INFORMATION

Facility Identification Number 23-14086  
Facility Name Toby Farms Elementary School  
Facility Address Trimble Blvd + Bridgewater  
Chester PA, 19015  
Owner/Operator Representative: (present during inspection)  
Name Marc P. Tetreau  
Phone 610-447-3617

II. CERTIFIED INSPECTOR

Name Dennis Gagon  
Certified Inspector No. 1356 24497  
Phone No. 215-938-8661  
Employer Hi-Tech Environmental

III. DATE(S) OF INSPECTION

(month/day/year) 5/14/96

IV. FINANCIAL RESPONSIBILITY INFORMATION PROVIDED

Yes ☒ No ☐

V. SUSPECTED/CONFIRMED CONTAMINATION OBSERVED

Yes ☐ (If so, provide comment) No ☒

VI. IMPROPERLY CLOSED TANKS ARE PRESENT

Yes ☐ (If so, provide comment) No ☒

VII. TANK SYSTEM INFORMATION (See Page 2)

VIII. INSPECTION SUMMARY. Complete this section when inspection is final.

1. Indicate the compliance status of each item below using the following codes: N = Non-Compliant  
C = Compliant

	Tank No. <u>004</u>	Tank No. <u>005</u>	Tank No. <u>---</u>	Tank No. <u>---</u>	Tank No. <u>---</u>
Tank Construction and Corrosion Protection	C	C			
Piping Construction and Corrosion Protection	C	C			
Spill Prevention	C	C			
Overfill Prevention	C	C			
Registration Sticker Display	C	C			
Tank Release Detection	N	N			
Piping Release Detection	N/C	N/C			

2. CERTIFIED INSPECTOR

I, the DER Certified Inspector, have inspected the entire above-referenced facility. Based on my observation of the facility and information provided by the owner, I certify under penalty of law as provided in 18 Pa. C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief.

[Signature]  
Certified Inspector's Signature

5/14/96  
Date

3. OWNER/OPERATOR REPRESENTATIVE: I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S. Section 4904 (relating to unsworn falsification to authorities), the the information provided by me is true, accurate, and complete to the best of my knowledge and belief.  
I have 1 (circle one) submitted an amended registration form.

[Signature]  
Signature

S.M. Manager  
Title

5-14-96  
Date

Completed inspection report distribution

1. Original to DER Regional Office
2. Copy to Department of Environmental Resources, Bureau of Water Quality Management, Division of Storage Tanks, P.O. Box 8762, Harrisburg, PA 17105-8762.
3. Copy to facility
4. Copy to inspector





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF WATER QUALITY MANAGEMENT  
STORAGE TANK DIVISION

UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION

(continued)

Facility Name Toby Farms Elementary Sch  
Facility ID 23-14086

VII. TANK SYSTEM INFORMATION For each tank, write in the Tank Number at the top of the column, the Tank Capacity, Substance Stored, Installation Date, and the most recent Modification Date. For the remaining items, fill in the correct Tank System Component Code from the lists at the bottom of the page.

	For DER Use	Tank No. <u>004</u>	Tank No. <u>005</u>	Tank No. ---	Tank No. ---	Tank No. ---
1. Tank Capacity (gallons)		10000	10000			
2. Substance Stored		Gas	Diesel			
3. Installation Date		Aug 1990	1990			
4. Modification Date (if any)						
5. Tank Construction and Corrosion Protection	(1)	D/H	D/H			
6. Piping Construction and Corrosion Protection	(2)	E	E			
7. Pump (piping) System	(4)	A	A			
8. Spill Prevention	(6)	Y	Y			
9. Overfill Prevention	(7)	Y	Y			
10. Current Registration Sticker Display	(8)	Yes	Yes			
11. Fire Marshal Permit	(9)	C	C			
12. Vapor Recovery	(11)	C	C *			
Complete the attached pages before entering the codes for the following items						
13. Tank Release Detection (2 possible)	(12)	N	N			
14. Piping Release Detection (2 possible)	(5)	H I	H I			

## TANK SYSTEM COMPONENT CODES

## 5. TANK CONSTRUCTION and CORROSION PROTECTION

- A Unprotected Steel (single wall)
- B Cathodically Protected Steel (Galvanic)
- C Cathodically Protected Steel (Impressed Current)
- D Double Walled Steel
- E Fiberglass (Single Wall)
- F Fiberglass (Double Wall)
- G Steel w/ Plastic or Fiberglass Jacket
- H Steel w/ FRP Coating (Act 100 or equivalent)
- I Steel w/ lined interior
- J Concrete
- N Unknown
- 99 Other (provide written comment)

## 6. PIPING CONSTRUCTION and CORROSION PROTECTION

- A Bare Steel
- B Cathodically Protected Steel
- C Copper
- D Fiberglass
- E Flexible Non-metallic
- F Unknown
- 99 Other (provide written comment)

## 7. PUMP (PIPING) SYSTEM

- A Suction: Check Valve at Pump
- B Suction: Check Valve at Tank
- C Pressure
- D Gravity Fed

## 8. SPILL PREVENTION

- Y Yes
- N No

## 9. OVERFILL PREVENTION

- Y Yes
- N No

## 10. CURRENT REGISTRATION STICKER DISPLAY

- Y Properly displayed at fill
- N None

## 11. FIRE MARSHAL PERMIT

- A Issued prior to August 5, 1989
- B Issued on or after August 5, 1989
- C No permit obtained
- D Tanks not regulated by Fire Marshal

## 12. VAPOR RECOVERY

- A Stage I Installed
- B Stage II Installed
- C Stage I and II Installed
- D None

## 13. TANK RELEASE DETECTION

- A Inventory Control and code B or C
- B Annual Tank Tightness Testing
- C Tank Tightness Testing every 5 years
- D Statistical Inventory Reconciliation
- E Automatic Tank Gauging
- F Manual Tank Gauging (36 Hour)
- G Manual Tank Gauging (44 or 58 Hour)
- H Interstitial Monitoring (2 Walls)
- I Interstitial Monitoring (Liner)
- J Groundwater Monitoring
- K Vapor Monitoring
- N None or method incomplete
- O Exempt (provide written comment)

## 14. PIPE RELEASE DETECTION

- A Automatic Line Leak Detector (incl. test)
- B Annual Line Tightness Test (pressure)
- C Line Tightness Test - 3 years (suction)
- D Interstitial Monitoring
- E Groundwater Monitoring
- F Vapor Monitoring
- H None or method incomplete
- I Exempt (provide written comment)



**UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION  
RELEASE DETECTION REFERENCE SHEET**

Facility Name Toby Farrow Elementary School

Facility ID 23-14086

Instructions: Check the box to indicate that criteria has been met.  
Circle the box to indicate that criteria has not been met.

Tank	Tank	Tank	Tank	Tank
004	005			

### Inventory Control and Tank Tightness Testing (Tank only)

stick (or ATG) readings and dispenser readings each operating day - *on daily sheet -*  
 1/8th inch accuracy in stick readings - *1/4*  
 before/after delivery stick readings reconciled with delivery receipts *marks a fuel out*  
 drop tube present in gauge opening -  
 dispenser meter calibrated *yes from Haskins*  
 monthly check for water (1/8th inch accuracy), *winter*  
 monthly reconciliation (1% of volume pumped plus 130 gallons) *2*  
 reconciliation records maintained for one year - *file*  
 documentation of annual tightness test or 5 year tightness test (upgraded tank) present at site  
 manufacturer's certification of tightness test performance is present at site (after 12/22/90)

Statistical Inventory Reconciliation: Piping release detection is/ is not (circle one) included in this method.

Year	Number of people (millions)
1980	60
1981	62
1982	64
1983	66
1984	68
1985	70
1986	72
1987	74
1988	76
1989	78
1990	85

manufacturer's certification of test performance is present at site  
data is collected according to the vendor's instructions  
analysis completed monthly; records maintained for 1 year

**Automatic Tank Gauging (Tank only)**

☐ ☐ ☐ ☐ ☐

☐ ☐ ☐ ☐ ☐

☐ ☒ ☐ ☐ ☐

☐ ☐ ☐ ☐ ☐

☐ ☐ ☐ ☐ ☐

monthly leak test conducted *noted*  
documentation of last year of tests  
✓ manufacturer's certification of equipment performance is present at site (installed after 12/22/90)  
records including dates of calibration, maintenance, and repair for the past year  
equipment is operational = *this week*

## Manual Tank Gauging (Tank only)

- performed weekly
- tank capacity is 2,000 gallons or less
- 1/8th inch accuracy stick readings
- average 2 stick readings before and after test
- test length appropriate for each tank (minimum 36 hour test)
- variation is within standard (weekly and monthly)
- documentation showing test date and results for last year of tests
- last tightness test and manufacturer's test certification for tanks larger than 1,000 gallons

Interstitial Monitoring: Piping release detection is / is not (circle one) included in this method.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

interstitial area monitored monthly  
monitoring wells/ports are clearly marked and secured  
documentation showing test date and results for last year of monitoring  
records of calibration, maintenance, and repair for last year

Groundwater Monitoring: Piping release detection is/is not (circle one) included in this method.

regulated substance stored is immiscible in water and has a specific gravity  $< 1$ .  
groundwater is within 20 feet of surface grade and soil hydraulic conductivity is  $\geq .01$  cm/sec.  
casing is properly slotted and allows entry of product during high and low groundwater conditions  
wells are sealed from ground surface to the top of the filter pack  
site assessment verifies the above information; wells are located according to site assessment  
monitoring devices can detect at least 1/8 inch of product  
monitoring wells are marked and secured  
wells monitored and results recorded monthly  
monthly documentation is maintained for 1 year

Vapor Monitoring: Piping release detection is/ is not (circle one) included in this method.

stored substance is sufficiently volatile and backfill allows diffusion of vapors from releases the monitoring device is not rendered inoperative by groundwater, rainfall, or soil moisture background contamination will not interfere with vapor monitoring vapor monitors are designed and operated to detect increases in concentrations of stored substance in excavation area site assessment verifies above information, wells are located according to the site assessment; wells are marked and secured. wells monitored and results recorded monthly; monthly documentation is maintained for 1 year records of calibration, maintenance, and repair of monitoring equipment for last year



# **UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION RELEASE DETECTION REFERENCE SHEET (cont.)**

Facility Name Toby Farms Elementary SchoolFacility ID 23-14086

Pipe Pipe Pipe Pipe Pipe

Instructions: Check the box to indicate that criteria has been met.

Circle the box to indicate that criteria has not been met.

004 005 \_\_\_\_\_**Piping Tightness Testing (Piping only)**

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

test conducted at proper frequency

- conducted annually for pressurized piping

- test conducted every three years for suction piping (doesn't meet exempt criteria)

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

documentation of last test and test was conducted within proper timeframe

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

manufacturer's certification of test performance

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

if test device permanently installed, records of calibration, maintenance and repair for last year

**Automatic Line Leak Detection (PRESSURIZED piping only)****NOTE:** This method of leak detection required on all pressurized piping in addition to at least one other leak detection method

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

annual test of leak detector according to manufacturer's instructions

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

documentation showing date and results of last annual test

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

manufacturer's certification of equipment performance (when installed after September, 1991); able to detect a leak of 3 gph

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

records of calibration, maintenance and repair for last year

**Check Valve at the Dispenser (SUCTION piping only)**

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

the tank is lower than the dispenser

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

the below grade piping slopes uniformly back to the tank

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

there is only one check valve in the piping

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

the check valve is located close to the suction pump

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

compliance with above specifications can be readily determined

**CATHODIC PROTECTION COMPLIANCE CRITERIA**

Tank and Pipe	Tank and Pipe	Tank and Pipe	Tank and Pipe	Tank and Pipe
---------------------	---------------------	---------------------	---------------------	---------------------

004 005 \_\_\_\_\_**Galvanic Cathodic Protection (Tank and Piping)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

structure to soil potential greater than .85 volts

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

monitoring conducted within six months of installation

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

monitoring conducted every three years

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

documentation of last two monitoring results

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

monitoring conducted within 6 months of repair

**Impressed Current Cathodic Protection (Tank and Piping)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

structure to soil potential greater than .85 volts

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

monitoring conducted within six months of installation

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

monitoring conducted every three years

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

documentation of last two monitoring results

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

volt and amp readings recorded every 60 days

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

documentation of last three volt and amp readings

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

designed by a corrosion expert

**If Cathodic Protection is Added to Existing Tanks, One of the Following is Required:**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

tank was internally inspected and found to be structurally sound and free of corrosion holes

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

the tank was less than ten years old and now uses automatic tank gauging, soil vapor monitoring, groundwater monitoring, interstitial monitoring or statistical inventory reconciliation for leak detection

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

the tank was less than ten years old and was tested for tightness prior to installing the cathodic protection and between three and six months following the first operation of the cathodic protection

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

the tank was also internally lined as specified in the rules



Commonwealth of Pennsylvania  
Department of Environmental Resources

Bureau of Water Quality Management  
Storage Tank Division

UNDERGROUND STORAGE TANK FACILITY  
OPERATIONS INSPECTION COMMENT SHEET

Facility Name Toby Farms Elementary School Facility I.D. 23-14086

Reference section and tank number for each comment

- 1 Original certificate filed with <sup>transportation</sup> administrative office "Copy" of certificate hanging publicly in the garage and posted inside maintenance office
- 2 Review bid documents of 1990 Bid for public works installation and confirmed
- 3 Check valve confirmed from job specs to be located under pumps (ref Page 21 sec 2.3.4 of 1990 Bid Specs.)
- 4 Sec VII part 12 Vapor recovery for diesel not required however lines are installed for future use for pumps & no other set specs page 21 sec 2.3.6
- \* 5. Fire Marshall permit not in possession of owner, Owner will contact Fire Marshall & get copy
- 6 Dispenser was calibrated, however no record exists, owner will contact service company & send note (last service call 3/96)
- 7 Need to repair spill bucket on Diesel





## UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION REPORT

### GUIDELINES FOR CERTIFIED UNDERGROUND TANK INSPECTORS

#### BEFORE THE INSPECTION

Prior to arriving at the site, you should discuss the inspection with the person you will meet at the site. Explain that you will need access to the entire tank system and that you will need to speak with the person responsible for the tank operation and record keeping. Describe what records you will need to see, especially if records are kept at a different location. This will save you time on the day of the inspection.

#### THE INSPECTION (Clarifications for specific sections)

##### PAGE 1

- IV. Financial responsibility information provided: Indicate "yes" if you gave the owner/operator representative the current financial responsibility information. As of March, 1994, this information was not available. The information will be mailed to you when it becomes available. Until that time, you should indicate "no" for this section.
- V. Suspected/confirmed contamination observed: suspected contamination includes an unusual level of vapors, erratic behavior of product dispensing equipment, release detection results indicating a release or the discovery of holes in the storage tank or piping. Confirmed contamination includes product stained or product saturated soil or backfill, ponded product, free product or sheen on ponded water, free product or sheen on the groundwater surface or free product or sheen on surface water. The certification regulations (Ch. 245 (9/21/91)) require reporting of suspected or confirmed contamination by certified inspectors, installers, and companies. If you answer yes to this question, a Notification of Contamination form (write "Operations Inspection" at the top) should be submitted to the regional office within 48 hours of observing suspected or confirmed contamination.
- VI. Improperly closed tanks (definition) - a regulated tank that is not registered, not in use, and not properly inserted, and when required a site assessment and closure report were not submitted.
- VII. If incorrect information is listed on the registration certificate, the correct information should be entered on the inspection form and circled to highlight the change. The owner should submit an amended registration form. If the information is correct on the registration certificate, transfer the information to the inspection form.

Write in the substance stored such as gasoline, kerosene, diesel etc. except for heating oil. For heating oil use the following codes:

- A. Used only for space heating on the premises where stored.
- B. Used on the premises where stored but not exclusively for space heating.
- C. Used for resale or other off premises usage.

The year of the installation date must be correct. Encourage the tank owner to research this information before you arrive at the site.

The modification date should be the date of the most recent substantial modification (see Fact Sheet 14).

- VIII. The inspection summary must be completed at the end of the inspection.



## UNDERGROUND STORAGE TANK FACILITY OPERATIONS INSPECTION REPORT (cont.)

### PAGE 2

- VII. 5 & 6. Prior to arriving at the site, ask the owner the material of the tank and piping construction, including the method of corrosion protection. If the owner is unsure, encourage them to research the information with previous property owners or the tank system installer. For #6, Piping Construction and Corrosion Protection, only: When more than one type of piping is present, list both types. For example, both fiberglass and steel piping might be present on one tank system. In this case both codes would be listed at #6.
- VII. 13. When completing page 3, only one method of release detection should be completed for each tank. If the criteria on the Release Detection Reference Sheet (page 3) for the release detection method chosen by the facility cannot be satisfied, no method of release detection should be indicated in this section (use Code N). For all criteria not met, provide a comment on the narrative page describing why credit cannot be given for release detection. If an item within the release detection method being evaluated on page 3 does not apply, 1) check the box, 2) write N/A after the box checked, and 3) write a comment on the comment sheet explaining why the criteria does not apply.

Groundwater or vapor monitoring wells need only be evaluated if they are being used as a method of release detection.

- VII. 14. If the criteria on the Release Detection Reference Sheet (page 3 and 4) cannot be satisfied for the release detection method chosen or to be used, no method of release detection should be indicated in this section (use code H). For all criteria not met, provide a comment on the narrative page describing why credit cannot be given for release detection. When pressurized piping is used, it is possible that part, but not all of the criteria are met. Indicate this on the comment page (Example comment: A line leak detector is present, but no annual test has been completed). If all the criteria for Automatic Line Leak Detection have been met, use code A. If all the criteria for Piping Tightness Testing have been met, use code B or C. If an item on page 3 or 4 does not apply, 1) check the box, 2) write N/A after the box checked, and 3) write a comment on the comment sheet explaining why the criteria does not apply.

### PAGE 5

**Comment Sheet:** This page should be used to note additional information discovered during the inspection or actions taken during the inspection. Describe improperly closed regulated tanks, the nature and extent of suspected/confirmed contamination, problems with the tank registration certificate, and any comments regarding the tank system information. Also record phone conversations with DER personnel that took place during the inspection. If additional comment sheets are needed, label as appropriate and attach to the inspection report.

#### IN GENERAL:

**# of Tanks:** When more than 5 regulated underground storage tanks are present at a facility, it will be necessary to use more than one set of inspection forms. In this case, appropriately label the forms at the bottom of the pages with the letters "a", "b", etc. in the first blank space, and the total number of pages in the second blank space. For example: Page 1a of 12.

#### WHEN THE INSPECTION IS COMPLETE

All inspection forms must be submitted to DER, whether initial or follow up inspections. Never leave an inspection site without completing the form, including the inspection summary with signatures, even if plans have been made for a follow up inspection.





Pennsylvania Department of Environmental Protection

---

Lee Park, Suite 6010  
555 North Lane  
Conshohocken, PA 19428  
JANUARY 22, 1999

**Southeast Regional Office**

**NOTICE OF VIOLATION**

CHESTER UPLAND SCHOOL DISTRICT  
1720 MELROSE AVE  
CHESTER PA 19013

RE: Storage Tanks  
Failure to Meet Performance Standards  
TOBY FARMS ELEMENTARY SCHOOL  
23-14086  
Delaware, Chester Twp

Dear CHESTER UPLAND SCHOOL DISTRICT:

Department files reveal that the one or more components of the above-referenced underground storage tank (UST) facility (tanks and/or piping) do not meet the performance standards for new or upgraded UST systems of either spill prevention, overfill prevention, corrosion protection, or in the case of hazardous substance UST systems, secondary containment as leak detection. Enclosed is a list of systems located at the above-referenced facility that do not meet the performance standards. Chapter 245 mandates the performance standards, Subchapter E of the Department's Rules and Regulations and 40 C.F.R. Part 280, Subpart B of the Federal Regulations governing UST systems. Those regulations require all UST systems to meet either new or upgraded performance standards no later than December 22, 1998. Consequently, if you are currently operating an UST system, which does not meet either new or upgraded standards, you are in violation of Chapter 245, Section(s) 245.421, 245.422, and/or 245.443 of the Department's Rules and Regulations.

You are hereby notified that continued operation of any substandard UST system subjects you to potential enforcement action by the Department, including the issuance of an Administrative Order and/or Civil Penalty Assessment.


Civil penalty amounts are influenced by a variety of factors including the number of tank systems in non-compliance, duration of the violation, and amount of product dispensed.

Compliance with Chapter 245, Sections 245.422 and 245.443 can be achieved by:

1. Immediately stop operating your substandard UST system.
2. Immediately empty all substandard tanks so that no more than 1 inch of residue, or 0.3 percent by weight of the total capacity of the UST system remains in the tank.
3. Immediately submit an amended registration form to DEP indicating temporary closure status for each tank.
4. Cap and secure all lines, pumps, manways and ancillary equipment within 3 months of placing the tank(s) in temporary closure. Vent lines must be left open and functioning at all times.
5. By no later than December 22, 1999, upgrade, replace, or complete permanent closure of your UST tank system. Permanent closure must be completed in accordance with the Department's technical document "Closure Requirements for Underground Storage Tank Systems" dated April 1, 1998. Please be aware that Department's regulations require you to provide the Department at least a 30 day notice prior to beginning permanent closure, and report to the Department any confirmed reportable release within 2 hours of discovery. Also, all tank handling activity associated with the closure must be done by, or performed under, the direct supervision of, a properly certified (UMR certification category) contractor.

If you have any questions concerning this matter, please feel free to call me at (610) 832-5968.

Sincerely,

  
Steven Sinding  
Storage Tank Section Chief  
Environmental Cleanup

Enclosure

cc: File

Facility ID: 23-14086 Facility Name: TOBY FARMS ELEMENTARY SCHOOL

Tank	Substance	Capacity	Attr	Attribute Description	Comp
001	HEATING OIL	8,000	Tank Pipe Spill Overfill		No No No No
002	HEATING OIL	8,000	Tank Pipe Spill Overfill		No No No No
004	GASOLINE	10,000	Tank Pipe Spill Overfill	STEEL W/FRP COATING (ACT 100 OR EQUIVALENT) FLEXIBLE NON-METALLIC YES YES	Yes Yes Yes Yes
005	DIESEL	10,000	Tank Pipe Spill Overfill	STEEL W/FRP COATING (ACT 100 OR EQUIVALENT) FLEXIBLE NON-METALLIC YES YES	Yes Yes Yes Yes







Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010

555 North Lane

Conshohocken, PA 19428

April 19, 1996

Southeast Regional Office

610-832-5949

Fax 610-832-6143

Chester Upland School District  
1720 Melrose Avenue  
Chester, PA 19013

Re: Storage Tank Program  
Toby Farms Elementary School  
Trimble Boulevard & Bridgewater  
Road  
Facility ID No. 23-14086  
Chester Township  
Delaware County

Dear Underground Storage Tank Owner:

The 1989 Storage Tank and Spill Prevention Act requires that operations inspections be conducted at storage tank facilities. Operation inspections are to review tank facility compliance with technical and operation requirements. Operations inspections of underground storage tanks must be conducted by an inspector holding DEP certification in the IUM category. After the operations inspection has been done, the completed operations inspection form must be submitted to DEP by the certified inspector.

Your facility has been scheduled for an operations inspection to be completed **within 45 days of receipt of this letter**. As the tank owner, it is your responsibility to make all arrangements regarding the inspection including obtaining the services of a certified inspector to conduct the operations inspection. We suggest that you contact several companies having employees certified in the IUM category to obtain bids for the inspection work. When you have selected an inspector, ask the inspector's advice for organizing the necessary documents and product inventory records so that you have them available for the inspection.



April 19, 1996

Please notify the Department of the scheduled inspection due and certified inspector's name, by returning the enclosed postcard at least 10 days prior to the inspection.

Enclosed are:

1. Questions Commonly Asked by Storage Tank Owners about Operations Inspections for your reference
2. A Postcard for confirming your inspection schedule to DEP, and
3. Underground Storage Tank Facility Operations Inspection Form which the inspector must complete and submit to DEP
4. A list of Certified inspection Companies

If you have any questions or concerns regarding the inspection, contact this office at the above telephone number.

Sincerely,



Stephan B. Sinding  
Chief, Storage Tank Program  
Environmental Cleanup

**Enclosures**

cc: DEP Field Staff  
Ms. Goldberg  
Mr. Lengel (Central Office)  
Re 30 (GJC)331-1





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES

FIELD OPERATIONS - WATER QUALITY MANAGEMENT  
Suite 6010, Lee Park  
555 North Lane  
Conshohocken, PA 19428  
215 832-6130

May 14, 1992

Chester Upland School District  
18th and Melrose Avenues  
Chester, PA 19013

Re: Storage Tank Registration  
Facility ID No. 23-14086  
Toby Farms Elementary School  
Chester Township, Delaware County

Dear Tank Owner:

Enclosed you will find a copy of your processed tank registration form which was recently submitted. In accordance with our present procedures, the fee payment submitted has been credited to the registration period 90/91 for underground storage tanks and/or 91/92 for aboveground storage tanks. We have forwarded this information/fee payment to our Central Office in Harrisburg for processing.

In the near future, you will be invoiced by Central Office for the additional fees which are due for renewal of your tank registration in order to be current and in compliance with the Pennsylvania Storage Tank and Spill Prevention Act. Should you have any questions, you may contact them at (717) 657-4080.

Please keep in mind, you may not legally receive product in your tanks until registration is current.

Very truly yours,

JOSEPH A. FEOLA  
Regional Water Quality Manager

ENCLOSURES

Re



AMENDED ADD 45T  
9/1/91

# REGISTRATION OF STORAGE TANKS

ACCORDANCE WITH SECTIONS 303 AND 503 OF THE STORAGE TANK AND SPILL PREVENTION ACT, OWNERS OF REGULATED STORAGE TANKS ARE REQUIRED TO REGISTER THEIR TANKS WITH THE DEPARTMENT AND TO PAY A REGISTRATION FEE.

STATE USE ONLY

DATE RECEIVED:

SOUTHEAST REGION

AMOUNT RECEIVED:

MAY 05 1992

## INSTRUCTIONS

Please type or print in ink all items except "Signature" in Section V. This form is to be completed for each FACILITY which has regulated storage tanks. If there are more than 10 underground or aboveground tanks, photocopy the reverse side of this form, and staple continuation sheets to this form.

**Section I.** Owner Information - Name, business mailing address and phone number of OWNER of the storage tank(s) at the facility. Please include county and Federal Identification Number, if none include your Social Security Number.

**Section II.** Type of Owner - Mark the appropriate box.

**Section III.** Facility Information - Name and physical location (not P.O. Box) of FACILITY. Please include county and township in which FACILITY is located. Include the Facility Identification No. if known.

**Section IV.** Type of Facility - Mark the appropriate box, if applicable.

**Section V.** Description of Storage Tanks - This section is for recording information about each regulated storage tank at the facility. Information for aboveground tanks is to be recorded in Part A. Information for underground tanks is to be recorded in Part B.

1. Tank Registration Number - The registration numbers to be recorded for underground tanks are "001", "002", "003", etc. The registration numbers to be recorded for aboveground tanks are "001A", "002A", "003A", etc. The "A" has already been printed on the form for your convenience.

2. Status - Indicate whether the tank is currently in use, temporarily out of use, or permanently out of use. Permanently out of use means properly closed in place with an inert solid material. Do not include tanks which have been removed.

3. Date of Installation - Specify the month and year the tank was completely installed. For instance, "0190", for January, 1990. If unknown, write "0000".

4. Capacity - Specify the total design or maximum capacity of the tank in GALLONS. If unknown, write "unknown".

5. Substance Currently or Last Stored - Indicate the substance(s), currently or last stored. If a hazardous substance, please indicate CERCLA Name and CAS Number. If Other is indicated, please specify.

6. Tank Has Been Issued Fire Safety Approval or Permit - Indicate whether the tank has been approved or permitted by the Pennsylvania State Police, Fire Marshal Division; or local agency under their jurisdiction for fire safety.

7. Registration Fee - Determine registration fee due PER TANK as indicated below. A registration fee is NOT required for tanks permanently out of use.

### A. Aboveground tanks

- Up to and including 5,000 gallons - \$50 per tank
- 5,001 to and including 50,000 gallons - \$125 per tank
- Greater than 50,000 gallons - \$300 per tank

### B. Underground Tanks - \$50 per tank $\times 2 = 100.00$

Record the total registration fee due for all aboveground tanks in the space provided (A). Record the total registration fee due for all underground tanks in the space provided (B). Record the total registration fee due for all aboveground and underground tanks in the space provided (A + B). Submit a check or money order, for the total registration fee due, made payable to: Dept. of Environmental Resources.

**Section VI.** Certification - This section is to be completed by the OWNER. Please type or print the name and official title of the OWNER. The OWNER must also sign and record the date the application was examined.

**Section VII.** Nameplate Information - Complete this section for each aboveground tank greater than 5,000 gallon capacity. Use the same Tank Registration Number as identified in Section VI.

PLEASE SEND COMPLETED ORIGINAL FORM AND CHECK TO:

PA Department of Environmental Resources

Bureau of Water Quality Management

Registration of Storage Tanks

(and the appropriate address below, depending on where your FACILITY is located)

1875 New Hope Street Norristown, PA 19401	90 East Union Street - 2nd Floor Wilkes-Barre, PA 18701	One Ararat Blvd. Harrisburg, PA 17110	200 Pine Street Williamsport, PA 17701	Highland Bldg. - 8th Floor 121 South Highland Mall Pittsburgh, PA 15208	1012 Water Street Meadeville, PA 16335
Counties Berks, Bucks, Chester, Delaware, Lehigh, Montgomery, Northampton, Philadelphia,	Counties Carbon, Lackawanna, Luzerne, Monroe, Pike, Schuylkill, Susquehanna, Wayne, Wyoming,	Counties Adams, Bedford, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, York	Counties Bradford, Cameron, Centre, Clinton, Clearfield, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, Union	Counties Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, Westmoreland	Counties Butler, Carbon, Crawford, Elk, Erie, Forest, Jefferson, Lehigh, Luzerne, McKean, Mercer, Venango, Warren

## I. OWNER INFORMATION

Owner Name CHESTER UPLAND SCHOOL DISTRICT  
Tax Identification No. 76-23123-3  
Mailing Address 18th & Melrose Avenue  
City Chester State PA Zip 19013  
County Delaware Phone No. (215) 447-3617

## II. TYPE OF OWNER (Mark only one)

- ☐ Federal Government ☐ Corporate  
☐ State Government ☐ Private  
☒ Local Government

## III. FACILITY INFORMATION

Facility Name Toby Farms Elementary School  
Facility Identification No. 2-314086  
Street Address (P.O. Box not acceptable) Trimble Blvd. &  
Bridgewater Road  
City Chester Township State PA Zip 19015  
County Delaware Township Chester

## IV. TYPE OF FACILITY (Mark only one, if applicable)

- ☐ Farm  
☐ Municipal  
☐ Residential





## 1. ABOVEGROUND TANKS

TOTAL ABOVEGROUND TANK FEE (A)

New  
New

Status		Substance Currently or Last Stored		Fire Safety Permit			
C	Currently in Use	A	Gasoline	G	Used Motor Oil	Y	Yes
T	Temporarily Out of Use	B	Diesel	H	Aviation	N	No
P	Permanently Out of Use	C	Gasohol	I	Hazardous Substance		
		D	Kerosene	J	Other		
		E	Heating Oil	K	Unknown		
		F	New Motor Oil	L	Mixture		

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. This registration is conditioned upon compliance with provisions of the Storage Tank and Spill Prevention Act, with any regulations and orders issued pursuant to this Act, and with the requirements for obtaining a permit required under this Act.

**Signature**

**Date Signed**

AMENDED





THE FIDELITY BANK  
PHILADELPHIA, PENNSYLVANIA

CHESTER UPLAND SCHOOL DISTRICT

18TH & MELROSE AVENUE  
CHESTER, PA. 19013

CHECK NO.

30306

DATE
5/1/92

GENERAL FUND

AMOUNT
*****\$100.00

350 37  
310

NOT VALID  
AFTER 60 DAYS

For del # 23-1-1086

PAY  
TO  
THE  
ORDER  
OF

PA Dept. of Environmental Resources  
Bureau of Water Quality Management  
Registration of Storage Tanks  
1875 New Hope Street  
Norristown, PA 19401

Sheldon D. Jones Jr.  
Eugene A. Cresta  
Ann M. Abbott

TREASURER

⑈0030306⑈ ⑆031000503⑆ 492 Q95 5⑈





# CHESTER UPLAND SCHOOL DISTRICT

OFFICE OF THE ENGINEER

EIGHTEENTH AT MELROSE AVENUE CHESTER, PA. 19013

ANTHONY J. RICCI, P.E., SUPERINTENDENT OF BUILDINGS AND GROUNDS

447-3617

November 20, 1991

NOV 21 1991

Department of Environmental Resources  
Regional Water Quality  
Lee Park, Suite 6010  
555 North Lane  
Conshohocken, PA 19428

Dear Sir,

Attached is a revised Storage Tank Registration form for Toby Farms Elementary School. (Facility I.D. #2-314086)

During the summer of 1990 tank #3, an existing 8,000 gallon gasoline tank that was installed in 1973 was removed. After the removal of the 8,000 gallon tank, two (2) new tanks were installed, one was a 10,000 gallon gasoline tank and the other a 10,000 gallon diesel fuel tank.

I am enclosing a copy of our most recent invoice showing that a \$50 fee was paid for the tank #3 an 8,000 gallon gasoline tank. Attached is a check in the amount of \$50 for the additional diesel fuel tank now at this location.

Please call my office when you receive this Fed-Ex letter since it is important that the School District receive a registration for the diesel tank as soon as possible.

Sincerely yours,

Anthony J. Ricci, P.E.  
Superintendent of Buildings  
and Grounds

AJR/mkj

Attachments



OWNER ID: 76231233

DATE: 06/27/91 PAGE # 1 USTREG9

FACILITY	TANK	AMOUNT	INSTALL DATE	CAPACITY	PRODUCT
23-14086	001	+\$ 50.00	01-DEC-63	8,000	HEATING O
23-14086	002	+\$ 50.00	01-DEC-68	8,000	HEATING O
23-14086	003	+\$ 50.00	01-DEC-73	8,000	GASOLINE

INVOICE CHECKED  
AND APPROVEDBY TOBY FARMS ELEMENTARY SCHOOL  
TRIMBLE BLVD. & BRIDGEWATER ROAD  
CHESTER, PA.  
19015-0000CHESTER UPLAND SCHOOL DISTRICT  
18TH & MELROSE AVENUE  
CHESTER, PA. 19013-0000

APPROVED BY:



CONTACT ADDRESS:

CONTACT NAME \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PAGE TOTAL       +\$   150.00  
BALANCE DUE       +\$   150.00

OWNER SIGNATURE \_\_\_\_\_

11-2600-490-000-10-X-X-X-009,5

DISPLAY THIS CERTIFICATE PROMINENTLY

098732

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF WATER QUALITY MANAGEMENT  
STORAGE TANK CERTIFICATE

000000239018

STORAGE TANK REGISTRATION

EXPIRE DATE UNDER: NOV-4-92

TANK I.D. NO.	CAPACITY
23-14086 001	8000
23-14086 002	8000
23-14086 003	8000

PRODUCT
HEATING OIL
HEATING OIL
GASOLINE

\*\*\*\*\*  
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\*\*\*\*\*TOBY FARMS ELEMENTARY SCHOOL  
TRIMBLE BLVD. & BRIDGEWATER ROAD  
CHESTER, PA. 19015-0000  
CHESTER UPLAND SCHOOL DISTRICT  
18TH & MELROSE AVENUE  
CHESTER, PA. 19013-0000

ISSUED TO





# REGISTRATION OF STORAGE TANKS

IN ACCORDANCE WITH SECTIONS 303 AND 603 OF THE STORAGE TANK AND SPILL PREVENTION ACT, OWNERS OF REGULATED STORAGE TANKS ARE REQUIRED TO REGISTER THEIR TANKS WITH THE DEPARTMENT AND TO PAY A REGISTRATION FEE.

STATE USE ONLY

DATE RECEIVED:

REC-RECEIVED  
SOUTHEAST REGION

AMOUNT RECEIVED:

OCT 21 1991

## INSTRUCTIONS

Please type or print in ink all items except "Signature" in Section V. This form is to be completed for each FACILITY which has regulated storage tanks. If there are more than 10 underground or aboveground tanks, photocopy the reverse side of this form, and staple continuation sheets to this form.

- Section I.** Owner Information - Name, business mailing address and phone number of OWNER of the storage tank(s) at the facility. Please include county and Federal Identification Number, if none include your Social Security Number.
- Section II.** Type of Owner - Mark the appropriate box.
- Section III.** Facility Information - Name and physical location (not P.O. Box) of FACILITY. Please include county and township in which FACILITY is located. Include the Facility Identification No. if known.
- Section IV.** Type of Facility - Mark the appropriate box, if applicable.
- Section V.** Description of Storage Tanks - This section is for recording information about each regulated storage tank at the facility. Information for aboveground tanks is to be recorded in Part A. Information for underground tanks is to be recorded in Part B.
1. Tank Registration Number - The registration numbers to be recorded for underground tanks are "001", "002", "003", etc. The registration numbers to be recorded for aboveground tanks are "001A", "002A", "003A", etc. The "A" has already been printed on the form for your convenience.
  2. Status - Indicate whether the tank is currently in use, temporarily out of use, or permanently out of use. Permanently out of use means properly closed in place with an inert solid material. Do not include tanks which have been removed.
  3. Date of Installation - Specify the month and year the tank was completely installed. For instance, "0190", for January, 1990. If unknown, write "0000".
  4. Capacity - Specify the total design or maximum capacity of the tank in GALLONS. If unknown, write "unknown".
  5. Substance Currently or Last Stored - Indicate the substance(s), currently or last stored. If a hazardous substance, please indicate CERCLA Name and CAS Number. If Other is indicated, please specify.
  6. Tank Has Been Issued Fire Safety Approval or Permit - Indicate whether the tank has been approved or permitted by the Pennsylvania State Police, Fire Marshal Division; or local agency under their jurisdiction for fire safety.
  7. Registration Fee - Determine registration fee due PER TANK as indicated below. A registration fee is NOT required for tanks permanently out of use.
    - A. Aboveground tanks
      1. Up to and including 5,000 gallons - \$50 per tank
      2. 5,001 to and including 50,000 gallons - \$125 per tank
      3. Greater than 50,000 gallons - \$300 per tank
    - B. Underground Tanks - \$50 per tankRecord the total registration fee due for all aboveground tanks in the space provided (A). Record the total registration fee due for all underground tanks in the space provided (B). Record the total registration fee due for all aboveground and underground tanks in the space provided (A + B). Submit a check or money order, for the total registration fee due, made payable to: Dept. of Environmental Resources.
- Section VI.** Certification - This section is to be completed by the OWNER. Please type or print the name and official title of the OWNER. The OWNER must also sign and record the date the application was examined.
- Section VII.** Nameplate Information - Complete this section for each aboveground tank greater than 5,000 gallon capacity. Use the same Tank Registration Number as identified in Section VI.

PLEASE SEND COMPLETED ORIGINAL FORM AND CHECK TO:

PA Department of Environmental Resources  
Bureau of Water Quality Management  
Registration of Storage Tanks  
(and the appropriate address below, depending on where your FACILITY is located)

1875 New Hope Street Norristown, PA 19401	90 East Union Street - 2nd Floor Wilkes-Barre, PA 18701	One Ararat Blvd. Harrisburg, PA 17110	200 Pine Street Williamsport, PA 17701	Highland Bldg. - 6th Floor 121 South Highland Mall Pittsburgh, PA 15206	1012 Water Street Meadville, PA 16335
Counties Berks, Bucks, Chester, Delaware, Lehigh, Montgomery, Northampton, Philadelphia,	Counties Carbon, Lackawanna, Luzerne, Monroe, Pike, Schuylkill, Susquehanna, Wayne, Wyoming,	Counties Adams, Bedford, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, York	Counties Bradford, Cameron, Centre, Clinton, Clearfield, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, Union	Counties Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, Westmoreland	Counties Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, Warren

<b>I. OWNER INFORMATION</b>	<b>III. FACILITY INFORMATION</b>
Owner Name <u>CHESTER UPLAND SCHOOL DISTRICT</u>	Facility Name <u>Toby Farms Elementary School</u>
Tax Identification No. <u>76-23123-3</u>	Facility Identification No. <u>2-314086</u>
Mailing Address <u>18th &amp; Melrose Avenue</u>	Street Address (P.O. Box not acceptable) <u>Trimble Blvd. &amp; Bridgewater Road</u>
City <u>Chester</u> State <u>PA</u> Zip <u>19013</u>	City <u>Chester Township</u> State <u>PA</u> Zip <u>19015</u>
County <u>Delaware</u> Phone No. <u>(215) 447-3617</u>	County <u>Delaware</u> Township <u>Chester</u>
<b>II. TYPE OF OWNER (Mark only one)</b>	<b>IV. TYPE OF FACILITY (Mark only one, if applicable)</b>
<input type="checkbox"/> Federal Government <input type="checkbox"/> Corporate	<input type="checkbox"/> Farm
<input type="checkbox"/> State Government <input type="checkbox"/> Private	<input type="checkbox"/> Municipal
<input checked="" type="checkbox"/> Local Government	<input type="checkbox"/> Residential

Facility Identification No. 2-314086Facility Name Toby Farms Elementary School**V. DESCRIPTION OF STORAGE TANKS (Complete for each regulated storage tank at this location)****A. ABOVEGROUND TANKS**

TANK REGISTRATION NUMBER	STATUS	DATE OF INSTALLATION MO YR	CAPACITY (GALLONS)	SUBSTANCE (CURRENTLY OR LAST STORED)	CERCLA NAME AND CAS NUMBER	OTHER SUBSTANCE NAME	FIRE SAFETY PERMIT	REGIS- TRATION FEE	STATE USE ONLY
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								

TOTAL ABOVEGROUND TANK FEE (A)

**B. UNDERGROUND TANKS**

TANK REGISTRATION NUMBER	STATUS	DATE OF INSTALLATION MO YR	CAPACITY (GALLONS)	SUBSTANCE (CURRENTLY OR LAST STORED)	CERCLA NAME AND CAS NUMBER	OTHER SUBSTANCE NAME	FIRE SAFETY PERMIT	REGIS- TRATION FEE	STATE USE ONLY
1	C	0 0 6 3	8 0 0 0	E	68476-33-5	#4 Oil			
2	C	0 0 6 8	8 0 0 0	E	68476-33-5	#4 Oil			
3	P	0 0 7 3	8 0 0 0	A					
4	C	0 8 9 0	1 0 0 0 0	A	86290-81-5	Gasol			New
5	C	0 8 9 0	1 0 0 0 0	B	68476-30-2	Diesel		5 0	New

TOTAL UNDERGROUND TANK FEE (B)

TOTAL ABOVEGROUND &amp; UNDERGROUND TANK FEE (A + B)

**KEY FOR COMPLETION OF SECTION V.****Status**

C Currently in Use  
T Temporarily Out of Use  
P Permanently Out of Use

**Substance Currently or Last Stored**

A Gasoline  
B Diesel  
C Gasohol  
D Kerosene  
E Heating Oil  
F New Motor Oil  
G Used Motor Oil  
H Aviation  
I Hazardous Substance  
J Other  
K Unknown  
L Mixture

**Fire Safety Permit**

Y Yes  
N No

**VI. CERTIFICATION (Read and Sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. This registration is conditioned upon compliance with provisions of the Storage Tank and Spill Prevention Act, with any regulations and orders issued pursuant to this Act, and with the requirements for obtaining a permit required under this Act.

Name and Official Title of Owner

Signature

Date Signed

AMENDED



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES

1875 New Hope Street  
Norristown, PA 19401  
(215) 270-1975

June 6, 1990

Chester Upland Sch. Dist.  
18th & Millrose Ave.  
Chester, Pa. 19013  
Attn: Anthony J. Ricci

Re: Toby Farms Elem. Sch.  
Tac. ID # - 2-314086  
Delaware County  
Chester

Dear Tank Owner:

Per your request, enclosed you will find a copy of the interim registration for the above-mentioned facility.

Very truly yours,

Cynthia L. Blake  
Cynthia L. Blake  
Administrative Assistant

Enclosure

Re







COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
1875 New Hope Street  
Norristown, PA 19401  
November 21, 1989

Toby Farms Elementary School  
Trimble Blvd. & Bridgewater Rd.  
Chester PA 19015

Re: Storage Tank Registration  
Facility ID # 2-314086  
Chester  
Delaware

Dear Tank Owner:

The enclosed receipt is notification that the listed tanks at the identified facility have complied with registration and fee payment requirements as specified in Act 32, The Storage Tank and Spill Prevention Act.

Very Truly Yours

Joseph A. Feola  
Regional Water Quality Manager

Enclosure

cc. Div. Permits and Compliance

Re



<h2 style="margin:0;">REGISTRATION OF STORAGE TANKS</h2> <p style="font-size: 1.2em; margin: 0;">NOV 13 1989</p> <p style="font-size: 0.8em; margin: 0;">IN ACCORDANCE WITH SECTIONS 303 AND 603 OF THE STORAGE TANK AND SPILL PREVENTION ACT, OWNERS OF REGULATED STORAGE TANKS ARE REQUIRED TO REGISTER THEIR TANKS WITH THE DEPARTMENT AND TO PAY A REGISTRATION FEE.</p>	<p>STATE USE ONLY</p> <p>DATE RECEIVED: <u>11/13/89</u></p> <p>AMOUNT RECEIVED: <u>150.00</u></p>
--	---

### INSTRUCTIONS

Please type or print in ink all items except "Signature" in Section V. This form is to be completed for each FACILITY which has regulated storage tanks. If there are more than 10 underground or aboveground tanks, photocopy the reverse side of this form, and staple continuation sheets to this form.

**Section I.** Owner Information - Name, business mailing address and phone number of OWNER of the storage tank(s) at the facility. Please include county and Federal Identification Number, if none include your Social Security Number.

**Section II.** Type of Owner - Mark the appropriate box.

**Section III.** Facility Information - Name and physical location (not P.O. Box) of FACILITY. Please include county and township in which FACILITY is located. Include the Facility Identification No. if known.

**Section IV.** Type of Facility - Mark the appropriate box, if applicable.

**Section V.** Description of Storage Tanks - This section is for recording information about each regulated storage tank at the facility. Information for aboveground tanks is to be recorded in Part A. Information for underground tanks is to be recorded in Part B.

1. Tank Registration Number - The registration numbers to be recorded for underground tanks are "001", "002", "003", etc. The registration numbers to be recorded for aboveground tanks are "001A", "002A", "003A", etc. The "A" has already been printed on the form for your convenience

2. Status - Indicate whether the tank is currently in use, temporarily out of use, or permanently out of use. Permanently out of use means properly closed in place with an inert solid material. Do not include tanks which have been removed.

3. Date of Installation - Specify the month and year the tank was completely installed. For instance, "0190", for January, 1990. If unknown, write "0000".

4. Capacity - Specify the total design or maximum capacity of the tank in GALLONS. If unknown, write "unknown".

5. Substance Currently or Last Stored - Indicate the substance(s), currently or last stored. If a hazardous substance, please indicate CERCLA Name and CAS Number. If Other is indicated, please specify.

6. Tank Has Been Issued Fire Safety Approval or Permit - Indicate whether the tank has been approved or permitted by the Pennsylvania State Police, Fire Marshal Division; or local agency under their jurisdiction for fire safety.

7. Registration Fee - Determine registration fee due PER TANK as indicated below. A registration fee is NOT required for tanks permanently out of use.

A. Aboveground tanks

1. Up to and including 5,000 gallons - \$50 per tank
2. 5,001 to and including 50,000 gallons - \$125 per tank
3. Greater than 50,000 gallons - \$300 per tank

B. Underground Tanks - \$50 per tank

Record the total registration fee due for all aboveground tanks in the space provided (A). Record the total registration fee due for all underground tanks in the space provided (B). Record the total registration fee due for all aboveground and underground tanks in the space provided (A + B). Submit a check or money order, for the total registration fee due, made payable to: Dept. of Environmental Resources.

**Section VI.** Certification - This section is to be completed by the OWNER. Please type or print the name and official title of the OWNER. The OWNER must also sign and record the date the application was examined.

**Section VII.** Nameplate Information - Complete this section for each aboveground tank greater than 5,000 gallon capacity. Use the same Tank Registration Number as identified in Section VI.

PLEASE SEND COMPLETED ORIGINAL FORM AND CHECK TO: **PA Department of Environmental Resources  
Bureau of Water Quality Management  
Registration of Storage Tanks  
(and the appropriate address below, depending on where your FACILITY is located)**

<p>1875 New Hope Street Norristown, PA 19401</p> <p style="text-align: center;"><b>Counties</b></p> <p>Berks, Bucks, Chester, Delaware, Lehigh, Montgomery, Northampton, Philadelphia,</p>	<p>90 East Union Street - 2nd Floor Wilkes-Barre, PA 18701</p> <p style="text-align: center;"><b>Counties</b></p> <p>Carbon, Lackawanna, Luzerne, Monroe, Pike, Schuylkill, Susquehanna, Wayne, Wyoming,</p>	<p>One Ararat Blvd. Harrisburg, PA 17110</p> <p style="text-align: center;"><b>Counties</b></p> <p>Adams, Bedford, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, York</p>	<p>200 Pine Street Williamsport, PA 17701</p> <p style="text-align: center;"><b>Counties</b></p> <p>Bradford, Cameron, Centre, Clinton, Clearfield, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, Union</p>	<p>Highland Bldg. - 6th Floor 121 South Highland Mall Pittsburgh, PA 15206</p> <p style="text-align: center;"><b>Counties</b></p> <p>Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, Westmoreland</p>	<p>1012 Water Street Meadville, PA 16335</p> <p style="text-align: center;"><b>Counties</b></p> <p>Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, Warren</p>
--	--	--	---	--	---

### I. OWNER INFORMATION

Owner Name CHESTER UPLAND SCHOOL DISTRICT

Tax Identification No. 76-23123-3

Mailing Address 18th & Melrose Avenue

City Chester State PA Zip 19013

County Delaware Phone No. (215) 447-3617

### III. FACILITY INFORMATION

Facility Name Toby Farms Elementary School

Facility Identification No. 2-314086

Street Address (P.O. Box not acceptable) Trimble Blvd. & Bridgewater Road

City Chester Township State PA Zip 19015

County Delaware Township Chester

### II. TYPE OF OWNER (Mark only one)

- |  |  |
|--|--|
| <input type="checkbox"/> Federal Government<br><br><input type="checkbox"/> State Government<br><br><input checked="" type="checkbox"/> Local Government | <input type="checkbox"/> Corporate<br><br><input type="checkbox"/> Private |
|--|--|

### IV. TYPE OF FACILITY (Mark only one, if applicable)

- ☐ Farm
- ☐ Municipal
- ☐ Residential



Facility Name Toby Farms Elementary School

### A. ABOVEGROUND TANKS

[illegible][illegible]

## Status

**Substance Currently or Last Stored**

## Fire Safety Permit

Y	Yes
N	No

## VI. CERTIFICATION (Read and Sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. This registration is conditioned upon compliance with provisions of the Storage Tank and Spill Prevention Act, with any regulations and orders issued pursuant to this Act, and with the requirements for obtaining a permit required under this Act.

Name and Official Title of Owner

**Signature**

Anthony Ricci

Date Signed \_\_\_\_\_

Anthony J. Ricci Supt. of B & G

11/1/89

Petroleum Contractors



(215) 485-5300  
Fax (215) 485-2675

**DALAI, INCORPORATED**

2324 W. 2nd St.  
Chester, PA 19013

RECEIVED  
SEP 04 1990

Commonwealth of Pennsylvania  
Dept. of Environmental Resources  
1875 New Hope Street  
Norristown, PA 19401

August 29, 1990

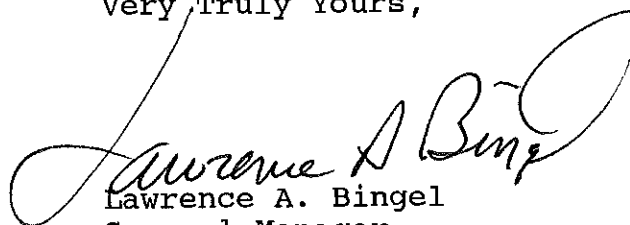
Attn: Cynthia L. Steele

Ref: Chester Upland  
School District  
Toby Farms  
Elementary School  
→ Chester Township, PA  
Del. Co.

Dear Ms. Steele,

Please be advised of our intent to remove an existing 8,000  
gallon storage tank at the above location. Facility ID# 2-314086.

Very Truly Yours,

  
Lawrence A. Bingel  
General Manager





# national heat & power company

(215) 726-9009

telex 83-4634

~~NOT RECORDED~~  
NORRISTOWN

MAY 07 1987

Department of Environmental Resources  
1875 New Hope Street  
Norristown, PA 19401  
Attention Ruth Plant

Dear Ms. Plant:

On December 10, 1986, National Heat and Power overfilled the underground tank at the Toby Farm Elementary School in Chester Township. Mid-Atlantic Refinery Services was contacted to contain and clean the #4 fuel oil. Booms were used to contain the oil from spreading across the Chester Creek. Any oil that accumulated was immediately vacuumed by Mid-Atlantic.

By December 23, 1986 the parking lot of Toby Farms Elementary School was restored to full use, all sand and wastes generated by the clean up were removed and the job site closed. No oil accumulation was observed in the creek.

When National Heat and Power delivers oil to Toby Farms Elementary School, our driver has been instructed to gauge the tank before connecting the hoses. This is done to be sure the tanks have ample room to accept the product ordered.

I believe you will find this site cleaned of all oil contamination to the best ability now available. I hope this is to your satisfaction and I thank you for your cooperation in this matter.

Sincerely,

*James B. Halligan, Jr.*  
James B. Halligan, Jr.  
Vice-President

*trip?*  
~~trip: Chester Trip~~  
~~Delaware County~~

May 5, 1987

*File* } *WDM-Tanbo*  
*Chester Upland School*  
*Toby Farms Dist.*  
*Elem School*  
*23-14086*  
*Chester Trip,*  
*Del Co*



U. S. DEPARTMENT OF AGRICULTURE

1914-1915

1914-1915

APR 15 2020

**Before completing this form, read the instructions provided for this form.**

[illegible]

Monarch

106 East Lake Rd,  
PO BOX 330  
Woodstown, NJ 08098

Site Job Site

BOL: 439732

201 Bridgewater Road

Brookhaven Pa

Transporter 1 Company Name	US EPA ID Number	Transporter's Phone
Monarch Environmental, Inc.	NJ000040667	856-769-9022

Designated Facility name and Site Address	US EPA ID Number	Facility's Phone
Monarch Environmental Recycling 300 East Lake Rd Woodstown, NJ 08098	NJ0021861174	856-769-9022

US DOT Description (including Proper Shipping Name, Hazard Class or Division, ID Number and Packaging Group)	Containers		Total Quantity	Unit
	No.	Type		
UN 1993 Flammable Liquid NOS	—	DM	—	P / Y
3 PG II Gasoline/Water Tank	47	DM	47	6

Additional Descriptions for Materials Listed Above

ERXK

24-Hr Emergency Phone: (856) 769-9022

TT-31/UTT-103

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and are non-hazardous by US EPA and applicable state regulations.

Printed/Typed Name

Signature

Month / Day / Year

Mike McCann

X 

2 / 28 / 20

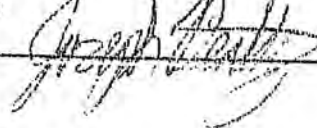
Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month / Day / Year

Joseph Barth

X 

2 / 28 / 20

Facility Operator: Certification of Receipt of Above Listed Materials

Printed/Typed Name

Signature

Month / Day / Year

U

LOADING INFORMATION

Start Time:

Arrival Time: 7:30

Depart Time: 9:15

Finish Time:

Bill To Ferguson & McCann

270 Endley Road

Aston

Pa

19014

Special Instructions

PO #

Pick up Barn, Send trailer to meet customer on site to vac phased gas from tank  
Ord by Mike 610-637-7670

**Toby Farms Elementary**

201 Bridgewater Road  
Brookhaven, PA 19015

Inquiry Number: 6809657.5  
January 07, 2022

## The EDR-City Directory Image Report



## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

## FINDINGS

### TARGET PROPERTY STREET

201 Bridgewater Road  
Brookhaven, PA 19015

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### BRIDGEWATER RD

2017	pg A2	EDR Digital Archive
2014	pg A5	EDR Digital Archive
2010	pg A8	EDR Digital Archive
2005	pg A12	EDR Digital Archive
2000	pg A16	EDR Digital Archive
1995	pg A20	EDR Digital Archive
1992	pg A22	EDR Digital Archive
1987	pg A24	Cole Criss-Cross Directory
1987	pg A25	Cole Criss-Cross Directory
1982	pg A26	Cole Criss-Cross Directory
1982	pg A27	Cole Criss-Cross Directory
1976	pg A28	Cole Criss-Cross Directory
1972	pg A29	Cole Criss-Cross Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**BRIDGEWATER RD 2017**

249 NATIONAL EXPRESS  
278 A CUTTING EDGE CORP  
PAOLELLA CONSTRUCTION INC  
TANGLEWOOD PAINTING  
280 ALLEN, ROWENNA  
ARNER, ANNA  
ARNER, PATRICIA A  
ASTLE, MARYLOU P  
AUGHEY, DEBRA A  
AUSLANDER, CELESTE A  
BATEMAN, JOHN E  
BLACKBURN, LEON C  
BLYTHE, JANICE B  
BREES, DANIEL J  
CAMPBELL, NELSON R  
CAPPELLA, ALISON  
CARBERRY, YESHASWINI  
CASTAGLIUOLO, MICHELE M  
CIRILLO, JAMES  
CLIFFE, LINDA M  
CZAPP, AMBERLYN  
DEJOHN, KATHLEEN A  
DELLARCIPRETE, DIANE  
DEMIRANDA, CREIGHTON S  
DIAMOND, BRIDGET T  
DIGREGORY, KATHLEEN A  
DIOCSO, MALUISA  
DOLBIN, ASHLEY S  
DOOLIN, MARIAN E  
DOUGHERTY, MARYB  
EACHUS, MARION A  
EACHUS, TIMOTHY  
EDMONDS, TAWANNA D  
ESPOSITO, ERIC A  
EVERMAN, FRANCIS J  
FIDOROWICZ, ALICIA A  
FIELDS, DIANE L  
FILOS, APOSTOLOS P  
FISHER, LORRAINE H  
FITZPATRICK, JACK P  
FRIGIOLA, PETER  
GARRETT, FRED  
GAYLEY, BRUCE A  
GELLER, TRUDY  
GOMEZ, HECTOR O  
GRIFFIN, V G  
GRIFFITHS, TIM  
GUIDOTTI, DEBBY A  
HALL, RALPH L  
HARMAN, ANDREW

**BRIDGEWATER RD 2017 (Cont'd)**

280 HARNITCHEK, JACQUELINE M  
HAYWARD, DORIS E  
HENDERSON, LAWRENCE E  
HESS, CHRISTOPHER E  
HIGHTOWER, KEVIN T  
HODGES, FLORENCE D  
HOWARTH, JANET E  
JIRAK, BILL P  
JONES, DARLENE L  
KAFAZI, MIRETTE T  
KIMBALL, NATHAN D  
KING, RALPH D  
KIRKPATRICK, RICHARD M  
KORNEYCHUK, ELINA  
KRIZANEK, SUZANNE L  
LEACH, STEVEN C  
LEE, CORI A  
LEHNDORFF, GAIL E  
LEJMAN, STANLEY J  
LEVASSEUR, DOROTHY D  
LLEWELLYN, DONNA M  
LUCAS, SHAWN  
LYTLE, JIMMY L  
MAGGIO, CHARLOTTE  
MARKER, DAVID C  
MATTERO, ROCCO  
MCMASTER, HERBERT R  
MILLER, KATHLINE M  
MORRELL, KATHLEEN A  
MORRISON, JOYCE H  
MOUL, EMILY M  
NEWMAN, TOM  
NICHOLSON, JOHN D  
NODOLSKI, JONATHAN P  
OHARA, KEVIN J  
ONEILL, MARIE M  
ORWAT, ATSUKO U  
PAGE, DEBORAH J  
PALESCHIC, SAMUEL P  
PALUMBO, ANTHONY  
PAVLOVSKAIA, ZOIA  
PEZZOTTI, WILLIAM M  
PHILLIPS, ANN S  
PUPO, LARRY M  
RAGSDALE, MARGARET I  
RIGGINS, RAYMOND J  
ROLAND, BRITTANY  
ROLAND, CRAIG J  
ROSEBERRY, BARBARA D  
RYPINSKI, EDWARD

**BRIDGEWATER RD 2017 (Cont'd)**

280 SAUNDERS, DONALD E  
SCAVICCHIO, GIACOMO  
SCHUM, MIKE P  
SEELEY, CAROL E  
SEITZ, KRISTEN  
SGALIPPI, ALBERT V  
SHABO, RENATE E  
SHUSTER, HARRY J  
SILVESTRI, LOUIS P  
SINNS, MARK D  
SNOKE, JUDITH A  
SPOTLESS 101 CLEANING SERVICES  
SPRAH, EDI  
STEELMAN, DIANA K  
STGERMAIN, JACQUELINE S  
STILES, DIANE C  
THOMPSON, HOWARD C  
TISCKETT, SANDI  
TOAL, WILLIAM G  
TRIMBLE RUN CONDO ASSOCIATION  
TRIPPETT, JACQUELINE K  
TRIPPETT, LOUIS  
TWESTEN, RAYMOND J  
VANDEMARK, TIM  
VANDEMARK, TIMOTHY M  
WADE, KRYSTAL  
WARD, CHRISTIN L  
WEINSTOCK, TODD J  
WILDING, LINDA E  
WILKINSON, JAMES R  
WILLIAM, JACOB C  
WILLIAMS, JAIME  
WINFREE, RICHARD  
WOOLFREY, MATTHEW R  
WRIGHT, DERRICK K  
ZMUDA, ARTHUR M



**BRIDGEWATER RD 2014**

215 ESKE DEVELOPMENT LLC  
235 RICHTOMKINS CO  
277 ELLER, ANNE  
278 A CUTTING EDGE CORP  
PAOLELLA CONSTRUCTION INC  
TANGLEWOOD PAINTING  
280 ANTHONY, PAMELA L  
ARNER, ANNA  
ARWOOD, DENNIS B  
ASHLEY, D S  
ASTLE, MARYLOU P  
AUSLANDER, CELESTE A  
BEDFORD, DANIELLE  
BLACKBURN, LEON C  
BLANKENSHIP, MICHAEL  
BLYTHE, JANICE B  
BOZMAN, RONALD W  
BULBULYAN, AGAVNI  
CALIGIURL, JOSEPH M  
CAMPBELL, NELSON R  
CAUCCI, DARREN M  
CLARK, JIMMY  
CLIFFE, LINDA M  
COAKLEY, JEN  
COLUCCI, PAUL  
CROCKETT, SANDRA  
CUBITO, MIESJA E  
DEJOHN, KATHLEEN A  
DIAMOND, BRIDGET T  
DIFLAVIS, GINA  
DIGREGORY, KATHLEEN A  
DOOLIN, MARIAN E  
DOUGHERTY, FRANCIS J  
EACHUS, MARION A  
ESPOSITO, ERIC A  
EWING, JAIME W  
FERNAS, EMILY  
FIDOROWICZ, ALICIA A  
FIELDS, DIANE L  
FILIOS, APOSTOLOS P  
FRIEL, CORY J  
FYNES, WILLIAM J  
GARDNER, GREG  
GARRETT, FRED  
GAYLEY, BRUCE A  
GAYLORD, KATHLEEN A  
GENGO, DOLORES A  
GRAHAM, VICKI  
GRIFFITH, ADAM L  
GROMEK, KENNA L

**BRIDGEWATER RD 2014 (Cont'd)**

280 GUIDOTTI, DEBORAH A  
HAM, RYAN  
HAMSON, ROBERT F  
HARGROVE, MARK D  
HARNITCHEK, JACQUELINE M  
HAYWARD, DORIS E  
HENSEL, HAL F  
HENSEL-JR, HAROLD F  
HERBUS, LORRAINE H  
HERPEL, HELENE I  
HICKEY, CHRISTINA  
HIGHTOWER, KEVIN T  
HILLMAN, GENE E  
HOWARTH, JANET E  
HUNT, DAVID D  
IMSENIK, GAILL  
JIRAK, BILL P  
JOHNSTON, ANN C  
JONES, DARLENE L  
KEENER, ROSEMARY T  
KINDON, JESSICA M  
KING, RALPH D  
KIRKPATRICK, RICHARD  
KRIZANEK, SUZANNE L  
LEACH, STEVEN C  
LEHNDORFF, GAIL E  
LEJMAN, MICHEAL  
LEVASSEUR, DOROTHY D  
LLEWELLYN, DONNA M  
LOPEZ, BOBBY  
LUBRAGGE, DIANA M  
LYTLE, JIMMY L  
MATTERO, JOSEPH M  
MCMAHON, CHARLES A  
MCMASTER, HERBERT R  
MEIER, PAUL R  
MILLER, CARL  
MILLER, KATHLINE M  
MONTGOMERY, K  
MOORE, SUZETTE Y  
MORAN, CHAD  
MORRISON, JOYCE H  
MULHERN, ROBERT J  
MURRAY, LORETTA  
NEWMAN, TOM  
NICHOLSON, FRANK J  
NODOLSKI, JONATHAN P  
NOVERETTA, EDWARD A  
ONEILL, MARIE M  
ORWAT, ATSUKO U

**BRIDGEWATER RD 2014 (Cont'd)**

280 PALESCHIC, SAMUEL P  
PEZZOTTI, TINA R  
PEZZOTTI, WILLIAM M  
PHILLIPS, RAYMOND E  
PUPO, LARRY F  
RAGSDALE, MARGARET A  
RIGGINS, RAYMOND J  
ROBINSON, DONALD S  
ROMAN, JOHN  
ROSEBERRY, BARBARA D  
ROSSI, ANITA S  
SAUNDERS, DONALD E  
SCAVICCHIO, ANGELA R  
SEELEY, CAROL E  
SHABO, RENATE E  
SHUSTER, HARRY J  
SINNS, MARK D  
SMITH, TESS  
STASKY, MICHAEL J  
STEELMAN, DIANA K  
STGERMAIN, JACQUELINE S  
STILES, DIANE C  
STORNIOLO, STEVE  
STROHL, TIMOTHY M  
SWANSON, RENEE L  
THOMAS, PATRICIA A  
THOMPSON, WILLIA  
TOAL, WILLIAM G  
TOWNSEND, MARIE T  
TRIMBLE RUN CONDO ASSOCIATION  
TWESTEN, RAYMOND J  
VANDEMARK, DEBRA  
VELGE, MELANIE J  
WADDELL, SIMAH R  
WARD, CHRISTIN L  
WEINSTOCK, TODD J  
WILKINSON, JAMES R  
WILLIAM, JACOB C  
WILLIAMS, GERTRUDE N  
WILLIAMS, SANDRA L  
WORRILOW, JESSICA  
WRIGHT, DERRICK K  
ZAINO, MELISSA  
ZMUDA, JOHN

**BRIDGEWATER RD 2010**

201	TOBY FARMS SCHOOL
235	RICH TOMKINS CO
260	CORTESE, ANTHONY M
277	ELLER, ANNE
278	A CUTTING EDGE CORP PAOLELLA CONSTRUCTION INC TANGLEWOOD PAINTING
280	ANTHONY, PAMELA J ARNER, ANNA ARNOLD, JAMES J ARWOOD, DENNIS AUSLANDER, CELESTE A BENSINGER, FLORENCE E BLACKBURN, LEON C BLYTHE, JANICE B BOZMAN, RONALD W BREES, DANIEL J BULBULYAN, AGAVNI BURRY, DANIEL J CAIRO, NORMA CALIGIURL, JOSEPH M CAMPBELL, NELSON R CANAVAN, TIFFANY CAPPELLA, ALISON CAUCCI, DARREN M CLIFFE, LINDA M CURCIO, C DECASTRO, BLANCA DEJOHN, KATHLEEN A DELIA, STEPHEN P DEMIRANDA, CREIGHTON DIAMOND, BRIDGET T DIGREGORY, KATHLEEN A DIOCSON, ANTHONY J DOOLIN, MARIAN E DOUGHERTY, MARYBETH T DOUGHERTY, MYRA DOYLE, PATRICIA B EACHUS, MARION A EACHUS, TIMOTHY EBRIGHT, HOWARD E ESPOSITO, ERIC A EWING, JAIME W FERNAS, EMILY FIDOROWICZ, ALICIA A FIELDS, DIANE L FILOS, APOSTOLOS P FRANK, MARY M FUNDERBURG, RYAN C FYNES, DAVID J

**BRIDGEWATER RD 2010 (Cont'd)**

280 GAYLEY, BRUCE A  
GENGO, DOLORES A  
GORSON, MARK A  
GRAHAM, V  
GREEN, THEODORE F  
GRIFFITHS, THOMAS S  
GUIDOTTI, DEBORAH A  
HALL, RALPH L  
HAMSON, ROBERT F  
HARGROVE, MARK D  
HARNITCHEK, JACQUELINE M  
HAYWARD, DORIS E  
HENSEL, HAL F  
HERBUS, LORRAINE M  
HERPEL, HELENE I  
HIGHTOWER, KEVIN  
HILLMAN, GEOFFREY G  
HOUSTON, GARY L  
HOWARTH, JANET E  
IARGROVE, MARK  
IEZZI, PAUL  
IMSENIK, GAILL  
JIRAK, BILL P  
JOHNSON, ANDREA  
JOHNSTON, JOSEPH P  
JONES, VERONICA J  
KASHNER, JILL A  
KEENER, ROSEMARY T  
KENNEDY, SHANNON R  
KINDON, JESSICA M  
KING, ANNA M  
LAPORTE, CHRISTINE  
LEACH, STEVEN C  
LEE, KRISTA M  
LEHNDORFF, GAIL E  
LEJMAN, STANLEY J  
LEVASSEUR, DOROTHY D  
LLEWELLYN, DONNA M  
LUBRAGGE, DIANA M  
LYTLE, JIMMY L  
MADISON, MICHAEL  
MANTZ, PATRICIA A  
MARKER, DAVID C  
MATTERO, JOSEPH M  
MCCLURE, THOMAS R  
MCMASTER, CAROL  
MCSORLEY, SHANNON M  
MEIER, PAUL R  
MERCADANTE, VICTOR J  
MILLER, RUTH

**BRIDGEWATER RD 2010 (Cont'd)**

280 MILLS, STEVEN R  
MOORE, SUZETTE  
MORRELL, KATHLEEN A  
MORRIS, GENEVIEVE  
MORRISON, JOYCE H  
MOYANO, LOUISE  
MULHERN, ROBERT J  
MURRAY, LORETTA  
NAPOLEON, DEANINE  
NICHOLSON, FRANK J  
NICHOLSON, MARNA  
NOVERETTA, EDWARD A  
OLA, TOYIN  
OMEARA, CAROL N  
ONEILL, MARIE M  
ORWAT, ATSUKO U  
PAGE, DEBORAH J  
PALUMBO, CHARLES E  
PASCHALL, ERIC  
PENNER, FRANCES E  
PEZZOTTI, JENNIFER J  
PHILLIPS, ROBIN L  
PHILPOTT, VERNON W  
PINTO, RUTH A  
RAGSDALE, MARGARET A  
RIGGINS, RAYMOND  
ROBINSON, DEBORAH  
ROMAN, KEVIN P  
ROSSI, ANITA S  
RYAN, JOHN C  
SAUNDERS, DONALD E  
SCOTT, DOUGLAS J  
SEELEY, CAROL E  
SHABO, RENATE E  
SHUSTER, HARRY J  
SINNS, MARK D  
SMITH, WILLIAM C  
STEELMAN, DIANA K  
STEIN, JEANNINE L  
STGERMAIN, JACQUELINE S  
STROHL, TIMOTHY M  
SWANSON, JILL  
SWANSON, RENEE L  
THOMAS, P  
THOMPSON, HOWARD C  
TOAL, B  
TRAVAGLINI, NANCY L  
TRIMBLE RUN CONDO ASSN  
VEHAR, JENNIFER D  
VELGE, MELANIE A

**BRIDGEWATER RD 2010 (Cont'd)**

280 VINCENT, SARA  
WARD, CHRISTIN  
WIGGINS, JOHN J  
WILKINSON, JAMES R  
WILLIAM, KATHYRN  
WILLIAMS, GERTRUDE N  
WILLIAMS, JAIME  
WORRILOW, JESSICA  
WRIGHT, DERRICK K  
ZMUDA, JOHN

**BRIDGEWATER RD 2005**

201 TOBY FARMS SCHOOL  
260 CORTESE, ANTHONY M  
277 ELLER, ANNE  
278 PAOLELLA CONSTRUCTION INC  
280 ADDERLY-LONG, LESLIE  
AJNAOU, RACHID  
AMARAL, ALCIONE  
ANCONE, RONALD C  
ARNER, ANNA  
AUSLANDER, LOUIS K  
BENSINGER, LEROY N  
BENSON, ALLISON M  
BEST FRIENDS CLEANING INC  
BLACKBURN, LEON C  
BLYTHE, JANICE B  
BODAK-GYOVAI, LEVENTE Z  
BOUWEA, STEPHANIE  
BULBULYAN, AGAVNI  
BURNS, JUDITH  
BURRY, DANIEL  
CAMPBELL, NELSON R  
CARBERRY, JOSEPH  
CARL, SUSANNA  
CASTAGLIUOLO, M  
CAUCCI, DARREN M  
CHOWDHARY, SANDEEP  
CORTESE, KRISTIN  
COUGHLIN, ROBERT J  
CROCKETT, MARK W  
DAVIS, WALTER C  
DEJOHN, KATHLEEN A  
DEMIRANDA, CREIGHTON  
DIAMOND, BRIDGET T  
DIFILIPPO, DONALD J  
DIROSATO, JOAN  
DOOLIN, MARIAN E  
DOUGHERTY, MYRA  
DUNSTAN, HOLLY E  
ELLIS, JOHN C  
EMHE, JACQUELINE M  
ENAMORATO, BEVERLY G  
ERERMAN, LOUISE  
ERICKSON, REBECCA M  
ESPOSITO, ERIC A  
ESSENTIAL COMMUNITY  
EVERETT, RONALD  
EWING, JAIME W  
FIDOROWICZ, ALICIA A  
FIELDS, DIANE L  
FORE, MIKE



**BRIDGEWATER RD 2005 (Cont'd)**

280 FRANCIS, JOACHIN  
FRANK, MARY M  
FYNES, JANINE C  
FYNES, JUNE M  
GAYLEY, BRUCE A  
GETZIK, AARON J  
GOLDER, MARY E  
GORSON, MARK A  
GRIFFITH, ADAM L  
HAIN, RYAN  
HARNITCHEK, JACQUELINE M  
HARRIS, DONALD  
HERNANDEZ, JOSEPH H  
HIGGINS, ELLEN L  
HIGGINS, SCOTT D  
HILLMAN, GEOFFREY G  
HODGES, FLORENCE D  
HOLCOMBE, SHAWN  
HOUSTON, ROBERT W  
HOWARTH, JANET E  
IMSENIK, PATRICIA G  
JOHNSTON, ANN  
KAW, MICHAEL G  
KEENER, ROSEMARY T  
KELLY, THOMAS M  
KENNEDY, SHANNON  
KERRIGAN, CORINE D  
KLINCEWICZ, DANI  
KODADEK, MICHELLE L  
LANE, KENNETH C  
LAVIGNE, SARAH A  
LEACH, STEVEN C  
LEE, KRISTA M  
LEHNDORFF, GAIL E  
LEJMAN, STANLEY J  
LEVANDOWSKI, JAMES E  
LEVASSEUR, DOROTHY D  
LINAHAN, DAVID V  
MANGENE, STACEY M  
MANTZ, PATRICIA A  
MARKER, DAVID  
MATTERO, JOHN L  
MATTERO, JOSEPH M  
MCGRATH, ROSALEEN M  
MCMAHON, MICHAEL W  
MEIER, MARK R  
MEIER, MICHAEL  
MERCADANTE, VICTOR J  
MILLER, RUTH  
MONROE, ELAINE

**BRIDGEWATER RD 2005 (Cont'd)**

280 MONTELEONE, JAMES J  
MONTELLO, CAROLINE  
MORRELL, KATHLEEN A  
MORRISON, JOYCE H  
MOSLEY, LORENA  
MULLIN, JOSEPH R  
MURRAY, LORETTA  
NICHOLSON, FRANK J  
NICHOLSON, PATRICIA M  
NOVERETTA, EDWARD A  
OHLERKING, DENIS K  
OMEARA, CAROL  
ONEILL, MARIE M  
ORTLIEB, ELIZABETH A  
ORWAT, ATSUKO U  
OWENS, PAUL  
OZER, STEVE  
PADGAONKAR, MEENAL  
PAGE, DEBORAH J  
PALMATORY, THOMAS R  
PASTERNAK, DAVID J  
PATRUN, WALTER K  
PEZZOTTI, TINA R  
PHILLIPS, ROBIN L  
PUPO, LARRY F  
RACHID, AJNAOU  
REALI, ALEXANDRA  
REYNOLDS, JENNIFER  
RIGGINS, RAYMOND J  
ROSE, SANDRA M  
SAUNDERS, DONALD E  
SCHORK, D  
SEELEY, CAROL E  
SHABO, RENATE E  
SHUMATE, HAYWOOD J  
SHUSS, KENNETH  
SINNS, MARK D  
SLOWEY, CHARLES  
SMITH, EDWARD B  
SPOUSE, SHARI L  
STAFFORD, JAMES M  
STAFFORD, MICHELLE L  
STANHOPE, JOSEPHINE A  
STEELMAN, DIANA K  
STEINMACHER, JUDIE J  
STROHL, TIMOTHY M  
SULLIVAN, K  
THOMAS, P  
THOMPSON, HOWARD C  
THOMPSON, MARY M

**BRIDGEWATER RD 2005 (Cont'd)**

280 TOWNSEND, RICHARD A  
TRAVAGLINI, NANCY L  
VEHAR, JENNIFER D  
WEINSTOCK, LYNN  
WIGGINS, JOHN J  
ZEIGER, SUSAN C  
ZELLS-ISMAIL, SHERRIE L  
ZMUDA, JOHN

**BRIDGEWATER RD 2000**

260 LEADER MECHANICAL SERVICES  
277 EVANS, DOUGLAS G  
SACHS, LISA  
280 ADAMEK, KAREN M  
ARNER, ANNA  
ASHBRIDGE, DANIEL  
ASTLE, MARY L  
AUSLANDER, CELESTE A  
AYARS, MICHAEL  
AYARS, STEPHEN  
BARKMAN, CHERYL A  
BENSINGER, LEROY  
BLYTHE, JANICE  
BRADLEY, WILLIAM L  
BRAUN, E  
BUDEN, CAROL R  
BULBULYAN, AGAVNI  
BURNELL, NANCY L  
BYRNE, RICHARD J  
CAMPBELL, D L  
CAMPBELL, NELSON R  
CAUCCI, DARREN  
CHRISTY, RONALD J  
COLEMAN, JAMES W  
COLLINS, SANDRA L  
CONNOLLY, L D  
COOPER, STACI L  
COVERLY, SUNNY T  
CROCKETT, M  
DALY, P E  
DARLENE, ALETA  
DAVIS, WALTER C  
DEJOHN, K  
DELDEO, M  
DENTON, E B  
DIAMOND, B T  
DIBARDINO, J  
DIFILIPPO, C  
DIFILIPPO, DONALD E  
DIGGINS, DENYSE  
DONNA, L  
DOOLIN, M  
DOUGHERTY, MARIA E  
DUNSTAN, HOLLY  
EASTERDAY, LESLIE C  
EICHELMAN, DENNIS  
EICHMAN, J  
EMHE, J  
EMIG, DONALD T  
EMMI, JUDY

**BRIDGEWATER RD 2000 (Cont'd)**

280 ENNAMORATO, GINA  
ESPOSITO, ERIC  
FALLON, JAMES M  
FARKAS, WILLIAM P  
FARRELL, LADONNA L  
FERRERI, DONNA  
FRY, THERESA M  
FUSCO, M  
FYNES, WILLIAM J  
GARNER, TROY N  
GARRA, LISA M  
GAYLEY, JEAN M  
GAYLORD, AMY  
GERMANO, THERESA  
GINN, SHIRLEY  
GLOWACKI, PATRICK  
GODUN, ALEX T  
GOLDER, MARY  
GOMBOCZ, SHARON A  
GREENE, THOMAS J  
GRIFFITH, BLANCHE M  
GROCHOWSKI, CHRIS  
HARPER, DAWN  
HARRIS, C  
HARTMAN, JOHN M  
HOFFMAN, JOHN S  
HOFMANN, JOHN  
HOLLAND, MARY E  
HORNER, JOHN  
HOUP, RONALD P  
HOWARTH, JANET E  
HUBBLE, ELBERT E  
HYDEN, JEANNE L  
IMSENIK, GAIL  
JACOBS, IRMA  
JOHNSTON, TERRI L  
KANE, MAUREEN W  
KEELEY, JENNA C  
KENNEDY, SHANNON  
KENNEDY, T  
KENNEDY, TERESA  
KESTLER, KRISTEN  
KLINE, DANIEL  
KODADEK, ROBERT C  
KOTWAL, PINKY  
KOZIEJA, JEFFERY  
KRICHER, C  
LANDIN, ANN B  
LEHNDORFF, GAIL E  
LEJMAN, STANLEY J

**BRIDGEWATER RD 2000 (Cont'd)**

280 LEVASSEUR, DOROTHY D  
LEVOCZ, E  
LINAHAN, DAVID C  
LINEBAUGH, TODD R  
LLEWELLYN, DONNA  
LOMBARDO, FRANK  
LONG, P  
MANCINO, LORETO N  
MANN, PAUL K  
MATTERO, F  
MATTERO, JOSEPH  
MCCALL, DEANDRA  
MCGRATH, R  
MCGROGAN, SARAH C  
MCVAUGH, RICHARD  
MILLER, K M  
MINGIS, LISA M  
MORRELL, K A  
MULLIN, J  
MURRAY, L  
NAVIN, RONALD D  
NICHOLSON, JEFF  
NICHOLSON, P M  
NOVERETTA, EDWARD A  
OHARA, EAMON  
OHLERKING, DENISE  
OMEARA, C  
ONEILL, MARIE  
ORWAT, ATSUKO  
PACE, DEBORAH  
PALMATORY, THOMAS  
PARKER, B  
PASTUSZEK, ANDREW I  
PATRICK, JOHN R  
PERPETUA, ANTHONY  
PEZZOTTI, TINA R  
PHILLIPS, ANN  
POLSKY, RODD M  
RACINE, BARBARA A  
REALI, A  
RICHES, THOMAS W  
RIGGINS, RAYMOND  
RODE, KAREN E  
ROLAND, EDITH M  
ROWLEY, SEAN  
RUGGERI, SANTO J  
RUSSO, DANA  
SATTERTHWAITE, ERIC  
SAUNDERS, C  
SCHMIDT, KRISTA

**BRIDGEWATER RD 2000 (Cont'd)**

280 SCILLIAN, JENA  
SEIVWRIGHT, M L  
SHARKEY, C M  
SHUMATE, J  
SHUSTER, HARRY  
SINNS, MARK  
SMITH, SHERYL  
SPEAR, WILLIAM  
STAAB, SHARON  
STABB, ROBERT F  
STANHOPE, J  
STEIN, L  
STEINMACHER, J  
STINSON, TARA L  
STYER, TIM  
SUNNY, C A  
SWOPE, TANYA N  
TEODORO, JIM  
THARP, LISA K  
THOMAS, P  
THOMPSON, HOWARD C  
TODD, R M  
TOWNSEND, RICHARD A  
VANDEMARK, D  
WASIULEWSKI, FELICIA A  
WATSON, BARBARA A  
WATTS, GREGORY  
WIGENT, APRIL  
WIGGINS, JOHN J  
WILCOX, M  
WILLIAMS, DAVID J  
WILLIAMS, R  
WOODHULL, BLAKE  
WOODS, DAVID  
WORRILOW, T H  
WRIGHT, LEO E  
ZEIGER, CHARLES  
ZIV, MIKE

**BRIDGEWATER RD 1995**

201	DEL CO HEAD START
	TOBY FARMS SCHOOL
260	GIANT CONSTRUCTORS INC
277	VELEZ, RAUL
278	C W HAMILTON INC
280	ARNER, ANNA
	ASTLE, MARY L
	BAYSINGER, FRED
	BENSINGER, LEROY N
	BIRDSALL, K
	BLYTHE, JANICE B
	BUDEN, CAROL R
	BULBULYAN, AGAVNI
	BYRNE, M A
	CAUCCI, DARREN M
	COLLINS, SANDRA L
	CONNOLLY, DOROTHY V
	CORNOG, GEORGE M
	CROCKETT, MARK W
	CULP, MARY J
	CZARNOTA, KEVIN M
	DAVIS, WALTER C
	DEJOHN, K A
	DEMPSEY, ROY D
	DENTON, ESTA B
	DESANTIS, DOMINIC B
	DIFILIPPO, DONALD
	DIMAIO, ROBERT A
	DIMEO, JOHN
	DIPAULO, SHARON A
	DIROSATO, JOAN
	EASTERDAY, LESLIE C
	EICHELMAN, DENNIS
	EIGHAN, M
	ELBOURNE, J W
	ESPOSITO, ERIC A
	FALLON, JAMES M
	FRANZEN, PAULINE
	FRIEL, CHAD
	GALLAGHER, ROBERT P
	GARRETT, BARBARA D
	GAYLEY, BRUCE A
	GAYLORD, A
	GERMAN, DAVID M
	GLOWACKI, PATRICK
	GLOWITZ, GUY
	GORSZCZYK, E M
	GROCHOWSKI, CHRIS
	HARRIS, YVETTE
	HOFFMAN, JOHN S



**BRIDGEWATER RD 1995 (Cont'd)**

280 HOLLAND, MARY E  
HOWARTH, JANET E  
JEDYCK, MICHAEL E  
JENNINGS, MARILYN P  
KEENAN, JOSEPH T  
KELLER, KARL W  
KILGORE, DAVID A  
KING, ANNA  
KRICHER, CHARLES F  
LEHNDORFF, GAIL E  
LEVASSEUR, DOROTHY D  
MADISON, SUSAN E  
MANCINO, LORETO N  
MANCO, R A  
MARK, BARBARA A  
MCDONALD, THOMAS R  
MCGINNIS, J  
MCGRATH, R M  
MULLIN, JOSEPH F  
NICHOLSON, JEANNE M  
NORDBLUM, BRENDA  
NOVERETTA, EDWARD A  
NUGENT, MICHAEL J  
OHLERKING, DENISE K  
ORWAT, ATSUKO U  
PASTUSZEK, ANDREW I  
PRZYWARA, PATRICK M  
RADLE, TODD J  
REMICK, TIMOTHY C  
ROBINSON, DAVID B  
ROLAND, EDITH M  
ROWLEY, AMY  
RUGGERI, SANTO J  
RUSK, M  
SCOTT, PAMELA M  
SEEFELDT, DENISE  
SHANKO, BRUCE S  
SHULTZ, DIANE L  
SHUSTER, HARRY  
STEIN, L  
TOWNSEND, RICHARD A  
TRACESKI, V M  
TRIMBLE RUN CONDOMINIUMS  
URIAN, CAROL  
VOEGLIN, IRMA A  
WATSON, M

**BRIDGEWATER RD 1992**

100 GIANT CONSTRCTRS  
VETNER HTG AC INC  
VFL TECHNOLOGY  
278 C W HAMILTON INC  
HAMILTON, CHARLES W  
280 ALBRAND, KIM  
ANDERSON, STEVEN A  
ANDREWS, ROBERT G  
AUGUSTINE, VINCENT J  
BAUMIESTER, RICHARD  
BENEDETTO, DAVID  
BRADLEY, WILLIAM  
BRADY, A  
BUNN, KURT  
CAMPBEL, DAVID J  
CAUCCI, D  
CHUSS, D A  
CLEARY, C M  
CONNOLLY, D V  
CONNOLLY, L D  
CORN OG, GEORGE  
COWAN, L  
DAILY, MARTHA  
DALTON, SCOTT  
DANIELS, RHONDA L  
DAVIS, WALTER JR  
DEJOHN, K  
DENTON, E B  
DESANTIS, DOMINIC  
DIMAIO, L  
DISABATINO, G J  
DOUGHERTY, FRANCIS JR  
DOWNEY, ROBERT  
EICHMAN, J  
EMHE, J  
ESPOSITO, ERIC  
FALLON, JAMES M  
FEENEY, TIMOTHY  
FETSKO, MICHAEL J  
FUSCO, M  
GALLAGHER, ROBERT  
GALLAGHER, S  
GANZELLI, JOSEPH P  
GARMAN, ROBERT M JR  
GEORGE, STEPHEN J  
GERMAN, DAVID M  
GLOWITZ, GUY  
GODUN, ALEX T  
GORMAN, EILEEN  
GOSLIN, DAVID S

**BRIDGEWATER RD 1992 (Cont'd)**

280 HEFTON, KAROL  
HERBSTER, A  
HILLSINGER, M L  
HIRSCH, MICHAEL B  
HOLLAND, M E  
HUBBLE, ELBERT E  
IMSENIK, GAIL  
KENNEDY, B  
KENNEDY, J  
KILGORE, DAVID  
KING, A  
MANCO, R  
MANNING, DAVID J  
MARK, B  
MCFADDEN, RUSS  
MCGRATH, R  
MINGIS, L  
MONTANA, DAVID  
MOORE, MICHAEL F JR  
NELSON, BARRY J  
NICHOLSON, J M  
NICHOLSON, P M  
NOVERETTA, EDWARD A  
OHLERKING, DENISE  
ONEILL, M  
ORWAT, A  
RITTENHOUSE, F  
SEEFELDT, D  
SMITH, C  
SNYDER, C  
SPEAR, WILLIAM  
SRVCE MSTR OF BRKH  
STEINMACHER, J  
SYKES, E C  
TRIMBLE RUN CONDM  
TRINKLE, JOSEPH A  
URIAN, C A  
WALKER, E  
WELDON, EDWARD

## BRIDGEWATER RD 1987

●	BRIDGEWATER RD	19015	▲
	Brookhaven		
	Chester PO		
	200- 299 CT4062.01	\$B..G17	
■	CREEK RD		
	200 208	NP	
■	532 BROOKHAVEN RD		
	C F Draper	.75	876-7553
■	4027 EDGE MONT RD		
	277	NP	
	278★ C W Hamilton Inc	.67	872-6406
	Charles W Hamilton	.74	876-9579
	★ Hamilton Landscape	.80	874-5005
■	BURKS RD		
	280★ Trimble Run Condm		
	Robert G Andrews		- 874-9044
	Lois Augustine	.83	876-1598
	V J Augustine	.81	872-0383
	R L Beauchamp		■ 876-3484
	H J Bender	.83	872-4203
	Robyn Bender	.83	872-4187
	J Bennett	.85	872-6785
	Herb Benson	.82	874-2206
	Jerome F Bettinger	.84	876-4584
	K Bevilacqua		■ 876-8703
	Dilip Bhandarkar	.83	876-0209
	Carl Bissinger		■ 876-6364
	Carol Bissinger		■ 876-6364
	Nancy Bivins		■ 874-9439
	Stephen Bivins		■ 874-9439
	James Booth	.85	874-3574
	Shirley Booth	.85	874-3574
	Maximilian J Braun	.82	874-2642
	Deborah L Brook		■ 872-0914*
	M B Brown		■ 874-4341
	Ann Bulbulyan	.78	872-5984
	R E Bverdsell		■ 876-7254
	K N Caldwell		- 872-2883
	S N Campbell	.83	872-4874
	Micahel D Colanero		■ 876-3843
	D V Connolly	.83	876-3413
	L D Connolly	.83	876-1761
	C Coyle	.83	874-0589
	F M Coyle	.83	876-0699
	Donald L Culp	.82	872-7166
	Kevin Czarnota	.82	876-5702
	Walter Davis Jr	.84	876-3228
	M T Deemer	.84	876-6431
	K Dejohn	.81	876-5294
	Thomas F Delaney	.84	876-2818
	L Demaio	.80	874-9530
	L Dempsey	.84	874-8312
	Edward Dennin		- 872-2863
	E B Denton	.85	876-0589
	P Detwiler	.81	872-6380
	J H Diaz	.84	872-5925
	J Dirosato	.83	874-4602
	John Donnelly	.83	872-5054
	Marian Doolin	.85	876-9510
	Thomas Doolin	.85	876-9510
	C A Dyer	.75	874-6150
	R Elia	.81	874-1403
	J Emhe		- 876-6976
	James M Fallon	.83	876-3621
	B J Ferrer		■ 876-9797
	L G Ferrer		■ 876-9797
	Robt Gallagher		■ 874-7845
	Jean M Gayler		■ 872-8419
	Bruce Gayley		- 872-8419
	K Gaylord		- 874-6974
	Stephen J George		■ 876-1545
	Jas Hamilton		■ 876-3754
	C Harris	.83	872-3560
	Harold F Hensel	.80	874-2781
	A Herbster	.78	876-4037
	Richard Herestofa		■ 876-1926
	M L Hillsinger	.84	876-4156
	B Hjartnes		■ 876-3571
	Kjell Hjartnes		■ 876-3571
	John J Homyak	.84	872-7874
	S L Jennings	.78	876-3763
	Joseph T Keenan Jr		■ 876-2498
	R Kiesel	.82	874-8708
	A King		■ 872-5298
	Janet Lane	.83	872-5506
	Gail E Lehdorff		■ 874-4574
	Gary Lehdorff		- 872-5339
	Wm A Lehdorff	.80	872-7866
	A M Lepone	.84	874-3844
	Jules Linn	.85	874-3776
	S Manno		- 872-0382
	Stephen A Marion	.83	874-8637
	S Mattei	.84	872-1528
	Keven D McCaney	.85	876-2667
	Mark S McGinley		■ 872-2232
	R McGrath	.83	876-1243
	Carlos N Mejia	.85	874-0180
	J E Miller	.83	872-7248
	K Miller		■ 874-7830
	David H Morey Jr		- 872-0993
	Michael H Morozin	.85	876-7691
	A Moyer	.79	874-4503
	L Myers	.85	876-3253
	Seonho Na		■ 874-5017
	S L Neff	.82	876-4355
	J M Nicholson		- 872-1989
	J M Nicholson	.85	872-6371
	Larry J Norkas	.76	872-0715
	Edward A Noveretta	.82	872-1288
	J Nozilo	.85	876-4177
	Monroe L Nute III	.85	872-4524
	James R Dtt	.81	874-1403
	Christopher J Pass		■ 874-1597

## BRIDGEWATER RD 1987

**BRIDGEWATER RD**

			19015
280	Andrew I Pastuszek	.78	874-5490
	S Patterson	.85	876-4177
	W Pidany	.81	872-3973
	M L Pierdomenico	.84	874-3372
	J A Principe	.85	876-9330
	P Przywara	.82	874-2197
	Gregory D Reasor	.85	876-5753
	S Rich		☐ 872-5339
	Anthony Ridenbaugh		☐ 874-9363
	F Rittenhouse	.84	876-1498
	Susan Romito		☐ 872-0611
	P Salvadore	.81	876-3969
	Kris Schwerin	-	876-6965
	Allen W Smith		☐ 876-9403
	Eric Smith	-	872-4123
	Dean Springer		☐ 874-8027
	Robert Stanners	.81	874-5273
	Carol Sulek	.83	876-6547
	Hugh Thomson Jr	.85	876-6480
	★ Trimble Run Condm	.74	872-1795
	Michael R Turner		☐ 874-2353
	Earl E Wallace III		☐ 876-5538
	S L Walters	-	872-3224
	William Lee Ward	.85	874-0346
	Edward Weldon	.84	872-6886
	Gregory Whitton	.84	876-2149
	Lee A Williams	.85	872-7449
	D M Zimmer	.79	876-7382
289		NP	
NO #	★ Brookhvn Muni Grge		876-5296
NO #	John OHara	-	872-0652
NO #	Tim Ruggeri	☐	872-1091
	133 RESIDENCE	4	BUSINESS

## BRIDGEWATER RD 1982

**BRIDGEWATER RD****CHESTER****Brookhaven**

..... 19015

200- 299 TZ406201 SB..O 5

032210

**CREEK RD**

200 V J Augustine ..... 872-0383

208 Lewis H Martin ..... 872-3674

Marylou Martin ..... 872-3674

**532 BROOKHAVEN RD**

C F Draper .....75 876-7553

P A Taylor .....74 874-2845

**4027 EDMONT RD**

277 Harry Fouracre .....67 872-3514

278★C W Hamilton Inc ..... 872-6406

Charles W Hamilton ..... 876-9579

★Hamilton Landscape ..... 874-5005

**BURKS RD**

280 Michael S Adelman .....80 876-5482

P Atwell .....80 872-4787

A Barolo .....78 876-3513

James Beierschmitt .....80 872-1566

J Cliff Bonsall ..... 876-0113

Jack M Brown ..... 872-2193

Armand A Bruno II .....76 872-5439

Ann Bulbulyan .....78 872-5984

A Casciato ..... 872-1958

M J Charles ..... 872-5048

Mark Christy ..... 872-5481

P Coates ..... 872-5366

M A Coma .....80 876-1853

## BRIDGEWATER RD 1982

## BRIDGEWATER RD

		19015
280	Earl M Cornell	874-5173
	R Daddano	874-5994
	K Dejohn	876-5294
	L Demaro	874-9530
	E Denton	876-5953
	P K Detwiler	872-6380
	C J Devido	872-3385
	T Dcamillo	876-7135
	S A Dilon	874-3929
	Tahir Diker	872-0539
	L G Divadio	872-2668
	N J Dotts	874-1333
	Rick Dougherty	872-5048
	C A Dyer	874-6150
	R Elia	874-1403
	Thomas J Engram	876-2029
	B D Erdman	874-4618
	James D Farrell	876-4944
	D R Fletcher	874-0453
	Karl Frank	874-8742
	T B Gillerlain	874-9155
	Tony Graessle Jr	874-9728
	David Hall	874-5912
	Edward Hallssey	872-2737
	Bruce Harlow	876-8867
	T L Hartman	872-2733
	David W Haschak	872-4817
	Thomas F Hayden Jr	872-8061
	Frank W Heavlin	876-8054
	Harold F Hensel	874-2781
	A Herbst	876-4037
	Thomas Jablonski	874-8908
	S L Jennings	876-3763
	Mrs P Johnson	874-9103
	A C Kaufman	872-3684
	John P Kelsey	874-5837
	Wm J Kelsey III	876-8014
	P J Latini	876-8955
	Greg Lechmanik	874-5060
	Wm A Lehnardt	872-7866
	P A Lincker	876-6736
	Michael L Litwa	872-7282
	Mark Marquardt	872-5701
	Roy E Maynor	872-7127
	B A McCarter	874-9350
	Michael G McCarter	874-9350
	Thomas McClure	876-5042
	Richard M McElvarr	872-7494
	Vera T McHugh	876-1692
	R Miller	872-2022
	Edward T Minka	876-0747
	A Moyer	874-4503
	Thomas E Mylett	876-7296
	Charles E Neikam	876-5412
	Larry J Norkas	872-0715
	Edward P Novak Jr	874-6154
	A L Osowski	876-2893
	James R Ott	874-1403
	P C Palma	872-7550
	M Parent	872-4787
	Martin Pascal	876-9864
	D Pasquella	876-0113
	E W Patterson	874-8345
	Steven Patton	872-7630
	M Phelan	876-1088
	W Pidany	872-3973
	Peter Pien	874-9381
	Stephen J Quattro	874-8120
	P Salvatore	876-3969
	Louis Saul	874-7056
	A Scaramuzza	876-2326
	Benjamin D Smith	872-0464
	Robert Stanners	874-5273
	Wm T Swinehart Sr	874-2289
	Lee Sylvester	874-6916
	J Teufel	874-5846
	★Trimble Run Apts	872-6181
	E C Ward	876-4628
	George Weber	874-2975
	I Weidel	872-4385
	S Weinberg	872-2022
	Edward J Weldon	872-8082
	Edward J Weldon	872-6886
	R R Wilk	876-2057
	D M Zimmer	876-7382
	L Zippo	876-6849
	Joseph W Barrett	874-7466
	Andrew I Pastuszek	874-5490
289	Audrey M Potter	876-2139
No #	★Brookhvn Muni Grge	876-5296
108	Residence	4 Business

## BRIDGEWATER RD 1976

BRIDGEWATER RD		CHESTER
Brookhaven		19015
200 -	299 TZ 406201	\$B..O 5
CREEK RD		
532 BROOKHAVEN RD		
	C F Draper .....	5 TR6-7553
	P A Taylor .....	4 TR4-2845
4027 EDMONT RD		
277	Harry Fouracre .....	7 TR2-3514
278★	C W Hamilton Inc ....	TR2-6406
	Charles W Hamilton ....	TR6-9579
BURKS RD		
280	D M Ackerman .....	□ 876-8835
	★ Dr Saeed Bazel .....	TR4-7949
	William Boehner .....	5 TR2-4832
	Christopher Booras .....	□ 874-1767
	James R Bowes .....	5 TR6-9472
	Charles Braz .....	5 TR4-9082
	Anthony Bruno .....	5 874-4110
	Armand A Bruno II .....	□ 872-5439
	Edmond F Bush .....	5 TR4-3673
	S Chamberlain .....	- 872-3628
	Kee R Cook .....	5 TR2-6504
	Paul J Curley .....	5 TR2-8061
	B Czajczynski .....	□ 874-5661
	D L Daniels .....	□ 872-2142
	E Denton .....	5 TR6-3847
	John J Devenney Jr .....	5 TR4-0285
	Gerald Donahue .....	5 TR6-6710
	C A Dyer .....	5 874-6150
	David L Eckard .....	□ 874-0165
	Edward J Fernando .....	5 TR4-8514
	John J Gilchrist .....	5 TR2-5610
	Thos M Harrell Jr .....	□ 874-4029
	Michael F Johnson .....	□ 874-0181
	E R Kendall .....	5 TR2-1951
	Mrs F Larosa .....	5 876-9016
	Joseph G Larson .....	□ 874-7539
	Thomas Laursen .....	5 TR4-9083
	L A Leddy .....	5 TR2-5723
	Jan Leslie .....	5 TR2-3106
	Rodney B Margolis .....	□ 872-2849
	Lawrence Mattero .....	5 TR6-6710
	Joseph P McDonough .....	□ 874-2690
	Vera T McHugh .....	5 TR6-1692
	Joseph M McNulty .....	5 TR4-0606
	J Merriken .....	□ 876-8766
	Joseph Mordente .....	5 874-8547
	S L Mullins .....	5 TR4-2883
	J A Nolan .....	□ 872-1170
	Larry J Norkas .....	□ 872-0715
	Tom Osetek .....	5 TR4-0853
	A A Palubinsky .....	5 TR4-5571
	K Perkins .....	□ 872-1170
	Peter Pieri .....	5 TR4-9381
	M Pochmara .....	5 876-7369
	J Roane .....	□ 872-5458
	R S Ruger .....	□ 876-6560
	Joseph L Salmieri .....	□ 874-2271
	M Sayers .....	5 TR6-3763
	C Camille Sell .....	TR4-9287
	John P Stankevich .....	5 TR6-8900
	Wm T Swinehart Sr .....	5 TR4-2289
	Carl Szczepkowski .....	□ 872-3202
	M Thirugnanam .....	□ 872-7691
	R Wayne Tomlinson .....	□ 872-5214
	Arthur W Tracy .....	5 TR6-8764
	★ Trimble Run Apts .....	TR2-6181
	James Weldon .....	□ 874-7991
	Kenneth A Wensel .....	5 TR4-6035
	Mark M Wilson .....	5 TR2-1709
	Edw Wisniewski Jr .....	- 876-4569
	Carlton F Wood .....	5 TR4-3021
No #★	Brookhvn Muni Grge .....	TR6-5296
No #	Donald S Dinicola .....	5 TR4-2906
No #	Alan Henderson .....	5 876-3985
	65 RESIDENCE	4 BUSINESS



## BRIDGEWATER RD 1972

BRIDGEWATER RD CHESTER

.....  
 BROOKHAVEN  
 ..... 19015  
 ... 200- 299 T 406201 \$C..0 5  
 .. CREEK RD ..  
 .. 532 BROOKHAVEN ..  
 .. RD ..  
 .. 4027 EDMONT RD ..  
 277 HARRY FOURACRE 7 TR23514  
 278\*C W HAMILTON INC TR26406  
 CHARLES W HAMILTON TR69579  
 .. BURKS RD ..  
 NO #\*BROOKHVN MUNI GRGE TR65296  
 2 RESIDENCE 2 BUSINESS



## **Appendix I**

### **User Questionnaire**

Site Address: Stetsor Elementary School , Chester Township, PA 19105

To qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “*Brownfields Amendments*”), the user must conduct the following inquiries required by 40 C.F.R. §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that “*all appropriate inquiries*” is not complete.

(1.) Environmental liens that are filed or recorded against the *subject property* (40 C.F.R. § 312.25).

Did a search of land title records (or judicial records where appropriate, see **Note 1** below) identify any environmental liens filed or recorded against the *subject property* under federal, tribal, state, or local law?

☒ **No**

☐ Yes If so, describe

NOTE 1—In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in *land title records*. In such cases judicial records shall be searched for *environmental liens* and AULs.

(2.) Activity and use limitations that are in place on the *subject property* or that have been filed or recorded against the *subject property*.

Did a search of *land title records* (or judicial records where appropriate, see **Note 1** above) identify any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *subject property* and/or have been filed or recorded against the *subject property* under federal, tribal, state or local law?

☒ **No**

☐ Yes If so, describe

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 C.F.R. § 312.28).

Do you have any specialized knowledge or experience related to the *subject property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the *subject property* or an *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☒ **No**

☐ Yes If so, describe

(4.) Relationship of the purchase price to the fair market value of the *subject property* if it were not contaminated (40 C.F.R. § 312.29).

Does the purchase price being paid for this *subject property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *subject property*?

☐ Yes

☐ No If so, describe

(5.) Commonly known or reasonably ascertainable information about the *subject property* (40 C.F.R. § 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *subject property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example,

(a.) Do you know the past uses of the *subject property*? ☐ No ☒ **Yes** If so, describe

**Built for Educational purposes**

(b.) Do you know of specific chemicals that are present or once were present at the *subject property*?

☒ **No**

☐ Yes If so, describe

(c.) Do you know of spills or other chemical releases that have taken place at the *subject property*?

☒ **No**

☐ Yes If so, describe

☒ **No**

☐ Yes If so, describe

(d.) Do you know of any environmental cleanups that have taken place at the *subject property*?

(6.) The degree of obviousness of the presence or likely presence of contamination at the *subject property*, and the ability to detect the contamination by appropriate investigation (40 C.F.R. § 312.31).

Based on your knowledge and experience related to the *subject property* are there any *obvious* indicators that point to the presence or likely presence of releases at the *subject property*?

☐ **No**

☐ Yes If so, describe

In addition, certain information should be collected, if available, and provided to the *environmental professional* conducting the *Phase I Environmental Site Assessment*. This information is intended to assist the *environmental professional* but is not necessarily required to qualify for one of the *LLPs*. The information includes:

(a) The reason why the Phase I is being performed: **to identify any environmental hazards impacting the buildings condition**

(b) The type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc.: **Unknown**

(c) The complete & correct address for the *subject property* (a map or other documentation showing *subject property* location and boundaries is helpful):

**201 Bridgewater Rd, Chester Township, PA 19105**

(d) The scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered):

**Full environmental Investigation to identify ACM's, Lead and PCB, etc.**

(e) Identification of all parties who will rely on the Phase I report: **School Districts Receiver, Superintendent, Facilities and PDE**

(f) Identification of the site contact and how the contact can be reached: **Alfred Howard – Director of Operations**  
**610-209-4881**

(g) Any special terms and conditions which must be agreed upon by the *environmental professional*: **Times of day when the actual investigation will be taking place. With the understanding that we have children and staff in each school building daily**

(h) Any other knowledge or experience with the *subject property* that may be pertinent to the *environmental professional* (for example, copies of any available prior *environmental site assessment reports*, documents, correspondence, etc., concerning the *subject property* and its environmental condition):

**ADHERA Reports**

Questionnaire Completed By:

Alfred E. Howard

Print Name

*Alfred E. Howard*

Signature

Chester Upland School District

Affiliation/Company

2/28/2022

Date



## **Appendix J**

### **Regulatory Records Documentation**

**Toby Farms Elementary**

201 Bridgewater Road  
Brookhaven, PA 19015

Inquiry Number: 6809657.2s  
January 05, 2022

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

201 BRIDGEWATER ROAD  
BROOKHAVEN, PA 19015

#### COORDINATES

Latitude (North):	39.8586130 - 39° 51' 31.00"
Longitude (West):	75.3914040 - 75° 23' 29.05"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	466520.2
UTM Y (Meters):	4411928.5
Elevation:	103 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14035618 MARCUS HOOK, PA
Version Date:	2019
Northeast Map:	14072062 LANSDOWNE, PA
Version Date:	2019
Southeast Map:	14317875 BRIDGEPORT, NJ
Version Date:	2019
Northwest Map:	13933520 MEDIA, PA
Version Date:	2019

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150815
Source:	USDA



# MAPPED SITES SUMMARY

Target Property Address:  
201 BRIDGEWATER ROAD  
BROOKHAVEN, PA 19015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	REBUS INC	205 W BRIDGEWATER RD	FINDS, ECHO, MANIFEST	Lower	1 ft.
<a href="#">A2</a>	REBUS INC	205 BRIDGEWATER RD	RCRA NonGen / NLR	Lower	1 ft.
<a href="#">A3</a>	SYLVAN CHEM REBUS PL	205 BRIDGEWATER RD	ARCHIVE AST	Lower	1 ft.
<a href="#">A4</a>	VFL TECHNOLOGY LABAT	260 BRIDGEWATER RD	RCRA NonGen / NLR, FINDS, ECHO	Lower	36, 0.007, NNW
<a href="#">B5</a>	AMI-ROSE CLEANERS	1111 POWELL RD	EDR Hist Cleaner	Lower	204, 0.039, SE
<a href="#">B6</a>	TOBY FARMS CLEANERS	1119 POWELL RD	EDR Hist Cleaner	Lower	218, 0.041, SE
<a href="#">B7</a>	TOBY FARMS CLEANERS	1121 POWELL RD	EDR Hist Cleaner	Lower	223, 0.042, SE
<a href="#">8</a>	CHESTER CREEK RELEAS	1342 POWELL ROAD	SEMS-ARCHIVE	Lower	789, 0.149, SW
<a href="#">9</a>	UPLAND BORO MAINT GA	402 KENT LN	LUST, ARCHIVE AST	Lower	2192, 0.415, SE
<a href="#">10</a>	TOBY FARMS ELEM SCH	201 BRIDGEWATER RD	LUST, UST, ARCHIVE UST	Lower	2227, 0.422, ESE
<a href="#">11</a>	MAIN STREET ELEM SCH	704 MAIN ST	UNREG LTANKS	Lower	2325, 0.440, East
<a href="#">12</a>	FRAKEB RES	1149 MAIN ST	UNREG LTANKS	Lower	2539, 0.481, ENE
<a href="#">13</a>	MARVEC MFG SITE	115 6TH ST	SHWS	Lower	3162, 0.599, ESE

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### ***Lists of Federal NPL (Superfund) sites***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

#### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

#### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

#### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS..... Corrective Action Report

#### ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

#### ***Lists of Federal RCRA generators***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

#### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROLS..... Institutional Controls Sites List

#### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

## EXECUTIVE SUMMARY

### ***Lists of state- and tribal (Superfund) equivalent sites***

HSCA..... HSCA Remedial Sites Listing

### ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF..... Operating Facilities

### ***Lists of state and tribal leaking storage tanks***

LAST..... Storage Tank Release Sites

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing

UST..... Listing of Pennsylvania Regulated Underground Storage Tanks

AST..... Listing of Pennsylvania Regulated Aboveground Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal institutional control / engineering control registries***

ENG CONTROLS..... Engineering Controls Site Listing

INST CONTROL..... Institutional Controls Site Listing

AUL..... Environmental Covenants Listing

### ***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Listing

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS..... Brownfields Sites

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

HIST LF..... Abandoned Landfill Inventory

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register

US CDL..... National Clandestine Laboratory Register

## EXECUTIVE SUMMARY

PFAS..... Sites With Known PFAS Contamination

### **Local Lists of Registered Storage Tanks**

ARCHIVE UST..... Archived Underground Storage Tank Sites

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

ACT 2-DEED..... Act 2-Deed Acknowledgment Sites

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... State spills

### **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites

DOD..... Department of Defense Sites

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION..... 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS..... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems

ROD..... Records Of Decision

RMP..... Risk Management Plans

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)

MLTS..... Material Licensing Tracking System

COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER..... PCB Transformer Registration Database

RADINFO..... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS..... Aerometric Information Retrieval System Facility Subsystem

US MINES..... Mines Master Index File

ABANDONED MINES..... Abandoned Mines

UXO..... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing

FUELS PROGRAM..... EPA Fuels Program Registered Listing

AIRS..... Permit and Emissions Inventory Data

ASBESTOS..... ASBESTOS

## EXECUTIVE SUMMARY

DRYCLEANERS.....	Drycleaner Facility Locations
MINES.....	MINES
NPDES.....	NPDES Permit Listing
UIC.....	Underground Injection Wells
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 10/20/2021 has revealed that there

## EXECUTIVE SUMMARY

is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHESTER CREEK RELEAS Site ID: 0304961 EPA Id: PA0000277558	1342 POWELL ROAD	SW 1/8 - 1/4 (0.149 mi.)	8	25

### ***Lists of state- and tribal (Superfund) equivalent sites***

SHWS: The State Hazardous Waste Cleanup Act Site List includes sites listed on PA Priority List, sites delisted from PA Priority List, Interim Response Completed Sites, and Sites being Studied or Response being Planned.

A review of the SHWS list, as provided by EDR, and dated 07/12/2021 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARVEC MFG SITE Site Id: 442824 Facility Id: 630024	115 6TH ST	ESE 1/2 - 1 (0.599 mi.)	13	31

### ***Lists of state and tribal leaking storage tanks***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Resources' List of Confirmed Releases.

A review of the LUST list, as provided by EDR, and dated 09/07/2021 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UPLAND BORO MAINT GA</b> Facility Id: 591906	<b>402 KENT LN</b>	<b>SE 1/4 - 1/2 (0.415 mi.)</b>	<b>9</b>	<b>26</b>
<b>TOBY FARMS ELEM SCH</b> Facility Id: 590912	<b>201 BRIDGEWATER RD</b>	<b>ESE 1/4 - 1/2 (0.422 mi.)</b>	<b>10</b>	<b>28</b>

UNREG LTANKS: Leaking storage tank cases from unregulated storage tanks.

A review of the UNREG LTANKS list, as provided by EDR, and dated 04/12/2002 has revealed that there are 2 UNREG LTANKS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAIN STREET ELEM SCH	704 MAIN ST	E 1/4 - 1/2 (0.440 mi.)	11	31
FRAKEB RES	1149 MAIN ST	ENE 1/4 - 1/2 (0.481 mi.)	12	31

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Lists of Registered Storage Tanks**

ARCHIVE AST: The list includes aboveground tanks with a capacity greater than 21,000 gallons that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

A review of the ARCHIVE AST list, as provided by EDR, and dated 09/01/2021 has revealed that there is 1 ARCHIVE AST site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SYLVAN CHEM REBUS PL Status: Removed Facility Id: 23-32959 Site ID: 733177	205 BRIDGEWATER RD	0 - 1/8 (0.000 mi.)	A3	20

#### **Other Ascertainable Records**

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.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REBUS INC EPA ID:: PAR000034942	205 BRIDGEWATER RD	0 - 1/8 (0.000 mi.)	A2	13
<b>VFL TECHNOLOGY LABAT</b> EPA ID:: PAD987345824	<b>260 BRIDGEWATER RD</b>	<b>NNW 0 - 1/8 (0.007 mi.)</b>	<b>A4</b>	<b>21</b>

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 05/05/2021 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>REBUS INC</b>	<b>205 W BRIDGEWATER RD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A1</b>	<b>8</b>

## EXECUTIVE SUMMARY

Registry ID:: 110004881799

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 06/26/2021 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>REBUS INC</b> Registry ID: 110004881799	<b>205 W BRIDGEWATER RD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A1</b>	<b>8</b>

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>REBUS INC</b> Generator EPA Id: PAR000034942	<b>205 W BRIDGEWATER RD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A1</b>	<b>8</b>

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMI-ROSE CLEANERS	1111 POWELL RD	SE 0 - 1/8 (0.039 mi.)	B5	24
TOBY FARMS CLEANERS	1119 POWELL RD	SE 0 - 1/8 (0.041 mi.)	B6	24
TOBY FARMS CLEANERS	1121 POWELL RD	SE 0 - 1/8 (0.042 mi.)	B7	25



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

<u>Site Name</u>	<u>Database(s)</u>
FORD MOTOR CO CHESTER ASSEMBLY PLT	SEMS-ARCHIVE
CHESTER PARK OIL SPILL	SEMS-ARCHIVE
CHESTER ABANDONED DRUMS SITE	SEMS-ARCHIVE
MONROE CHEMICAL	SEMS-ARCHIVE
TOSCO REDUCED CRUDE RELEASE	SEMS-ARCHIVE

# OVERVIEW MAP - 6809657.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

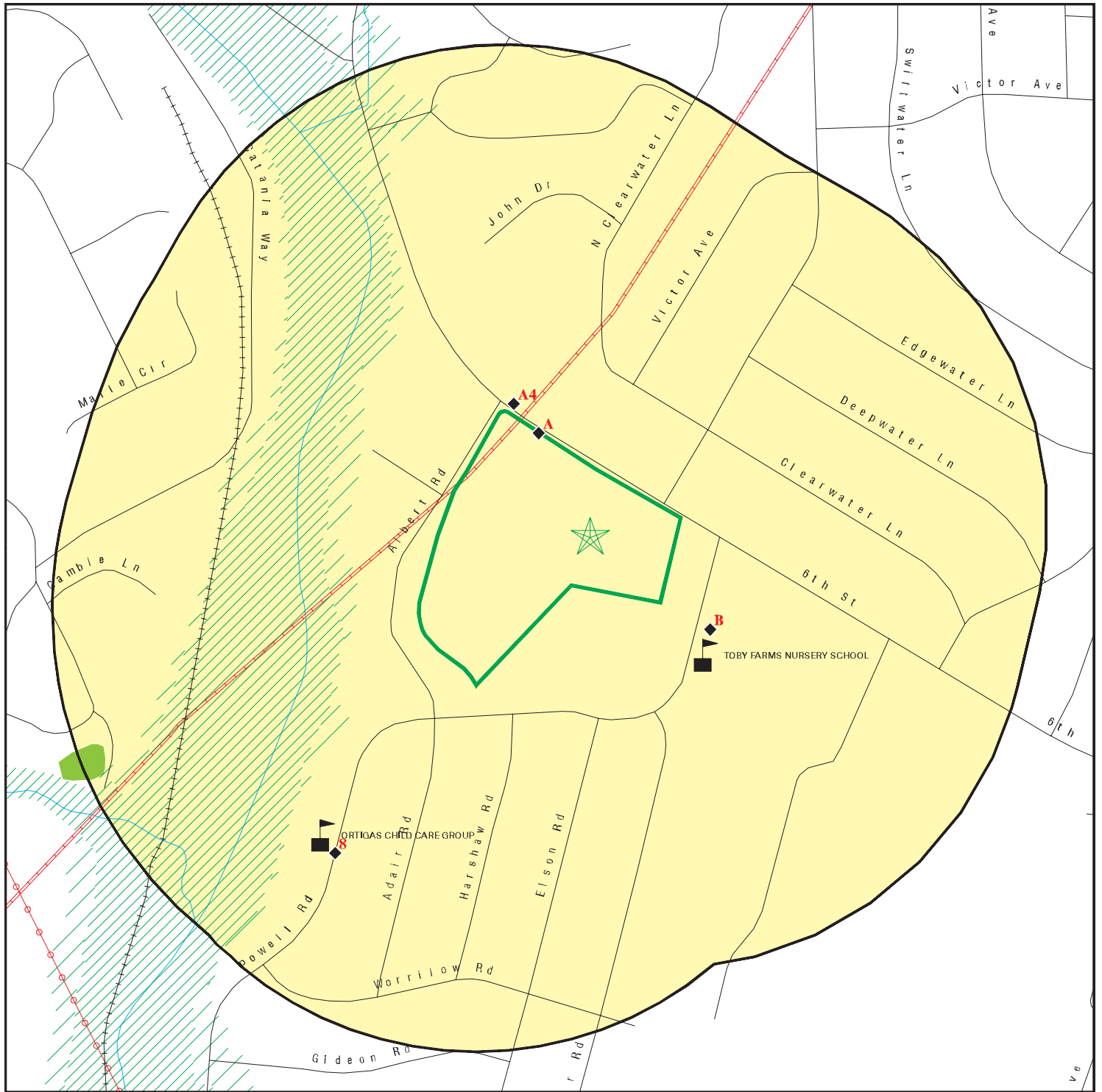
State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.


SITE NAME: Toby Farms Elementary  
ADDRESS: 201 Bridgewater Road  
Brookhaven PA 19015  
LAT/LONG: 39.858613 / 75.391404


CLIENT: Acer Associates LLC  
CONTACT: Kasey Lechner  
INQUIRY #: 6809657.2s  
DATE: January 05, 2022 5:05 pm

# DETAIL MAP - 6809657.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 Sensitive Receptors


 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 Pipelines

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard

 National Wetland Inventory

 State Wetlands

0 1/16 1/8 1/4 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Toby Farms Elementary  
ADDRESS: 201 Bridgewater Road  
Brookhaven PA 19015  
LAT/LONG: 39.858613 / 75.391404

CLIENT: Acer Associates LLC  
CONTACT: Kasey Lechner  
INQUIRY #: 6809657.2s  
DATE: January 05, 2022 5:05 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal (Superfund) equivalent sites</i></b>								
SHWS	1.000		0	0	0	1	NR	1
HSCA	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LAST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
UNREG LTANKS	0.500		0	0	2	NR	NR	2
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
ARCHIVE AST	0.001		1	NR	NR	NR	NR	1
<b><i>Local Land Records</i></b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
ACT 2-DEED	0.500		0	0	0	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		2	0	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		1	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MANIFEST	0.250		1	0	NR	NR	NR	1
MINES	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP	1.000		0	0	0	0	NR	0
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## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	9	1	4	1	0	15

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

	Site	Database(s)	EDR ID Number EPA ID Number
A1  < 1/8 1 ft.	<b>REBUS INC</b> <b>205 W BRIDGEWATER RD</b> <b>ASTON, PA 19014</b>  <b>Site 1 of 4 in cluster A</b>	<b>FINDS</b> <b>ECHO</b> <b>MANIFEST</b>	<b>1001233581</b> <b>N/A</b>

Relative:  
Lower  
  
Actual:  
80 ft.

FINDS:  
Registry ID: 110004881799  
  
Click Here:

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.  
PA-EFACTS (Pennsylvania - Environmental Facility Application Compliance Tracking System) is a Department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001233581  
Registry ID: 110004881799  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004881799>  
Name: REBUS INC  
Address: 205 W BRIDGEWATER RD  
City,State,Zip: ASTON, PA 19014

Manifest Details:

Year: 2012  
Manifest Number: 004835204FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 03/21/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-497-4710  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: CLEAN HARBORS EL DORADO LLC  
TSD Facility Address: 309 AMERICAN CIRCLE  
TSD Facility City: EL DORADO  
TSD Facility State: AR  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 3  
Waste Number: D001  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 3  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: ARD069748192



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1001233581**

Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 004835204FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 03/21/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-497-4710  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: CLEAN HARBORS EL DORADO LLC  
TSD Facility Address: 309 AMERICAN CIRCLE  
TSD Facility City: EL DORADO  
TSD Facility State: AR  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 3  
Waste Number: D003  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 3  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: ARD069748192  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 004835204FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 03/21/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-497-4710  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: CLEAN HARBORS EL DORADO LLC  
TSD Facility Address: 309 AMERICAN CIRCLE  
TSD Facility City: EL DORADO  
TSD Facility State: AR  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D003  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 3  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: ARD069748192  
Date TSP Sig: Not reported

Year: 2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1001233581**

Manifest Number: 004835204FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 03/21/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-497-4710  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: CLEAN HARBORS EL DORADO LLC  
TSD Facility Address: 309 AMERICAN CIRCLE  
TSD Facility City: EL DORADO  
TSD Facility State: AR  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 3  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: ARD069748192  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 004835204FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 03/21/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-497-4710  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: CLEAN HARBORS EL DORADO LLC  
TSD Facility Address: 309 AMERICAN CIRCLE  
TSD Facility City: EL DORADO  
TSD Facility State: AR  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: D003  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 3  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: ARD069748192  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 004835204FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1001233581**

Generator Date: 03/21/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-497-4710  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: CLEAN HARBORS EL DORADO LLC  
TSD Facility Address: 309 AMERICAN CIRCLE  
TSD Facility City: EL DORADO  
TSD Facility State: AR  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: D001  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 3  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: ARD069748192  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 004835204FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 03/21/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-497-4710  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: CLEAN HARBORS EL DORADO LLC  
TSD Facility Address: 309 AMERICAN CIRCLE  
TSD Facility City: EL DORADO  
TSD Facility State: AR  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 4  
Waste Number: D001  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 3  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: ARD069748192  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 004835204FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 03/21/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1001233581**

Contact Name: Not reported  
Contact Phone: 610-497-4710  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: CLEAN HARBORS EL DORADO LLC  
TSD Facility Address: 309 AMERICAN CIRCLE  
TSD Facility City: EL DORADO  
TSD Facility State: AR  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 4  
Waste Number: D003  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 3  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: ARD069748192  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: 000690633FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 12/22/2006  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD067098822  
TSD Date: Not reported  
TSD Facility Name: CYCLE CHEM INC  
TSD Facility Address: 550 INDUSTRIAL DRIVE  
TSD Facility City: LEWISBERRY  
TSD Facility State: PA  
Facility Telephone: 610-497-4710  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: 000690633FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000034942  
Generator Date: 12/22/2006  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD067098822

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1001233581**

TSD Date: Not reported  
TSD Facility Name: CYCLE CHEM INC  
TSD Facility Address: 550 INDUSTRIAL DRIVE  
TSD Facility City: LEWISBERRY  
TSD Facility State: PA  
Facility Telephone: 610-497-4710  
Page Number: 1  
Line Number: 1  
Waste Number: D007  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
2 additional PA\_MANIFEST: record(s) in the EDR Site Report.

**A2**

**REBUS INC  
205 BRIDGEWATER RD  
ASTON, PA 19014**

**RCRA NonGen / NLR**

**1015749848  
PAR000034942**

**< 1/8  
1 ft.**

**Site 2 of 4 in cluster A**

**Relative:  
Lower  
Actual:  
80 ft.**

RCRA NonGen / NLR:  
Date Form Received by Agency: 20180620  
Handler Name: REBUS INC  
Handler Address: 205 BRIDGEWATER RD  
Handler City,State,Zip: ASTON, PA 19014-2135  
EPA ID: PAR000034942  
Contact Name: ALICE K KOWALSKE  
Contact Address: PO BOX 817  
Contact City,State,Zip: INMAN, SC 29349-0817  
Contact Telephone: 864-472-7208  
Contact Fax: Not reported  
Contact Email: ALICE.KOWALSKE@MILLIKEN.COM  
Contact Title: Not reported  
EPA Region: 03  
Land Type: Private  
Federal Waste Generator Description: Not a generator, verified  
Non-Notifier: Not reported  
Biennial Report Cycle: Not reported  
Accessibility: Not reported  
Active Site Indicator: Not reported  
State District Owner: PA  
State District: 1  
Mailing Address: PO BOX 817  
Mailing City,State,Zip: INMAN, SC 29349-0817  
Owner Name: MILLIKEN & CO  
Owner Type: Private  
Operator Name: MILLIKEN & CO  
Operator Type: Private  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1015749848**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180702
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1015749848**

Waste Code: F002  
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLIKEN & CO
Legal Status:	Private
Date Became Current:	20091015
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLIKEN & CO
Legal Status:	Private
Date Became Current:	20091015
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEEVER JAMES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	205 W BRIDGEWATER RD
Owner/Operator City,State,Zip:	ASTON, PA 19014
Owner/Operator Telephone:	610-497-4710
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILLIKEN & CO
Legal Status:	Private
Date Became Current:	20091015
Date Ended Current:	Not reported
Owner/Operator Address:	920 MILLIKEN RD
Owner/Operator City,State,Zip:	SPARTANBURG, SC 29304
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1015749848**

Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  
  
Owner/Operator Indicator: Owner  
Owner/Operator Name: MILLIKEN & CO  
Legal Status: Private  
Date Became Current: 20091015  
Date Ended Current: Not reported  
Owner/Operator Address: 920 MILLIKEN RD  
Owner/Operator City,State,Zip: SPARTANBURG, SC 29304  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: MILLIKEN & CO  
Legal Status: Private  
Date Became Current: 20091015  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: MILLIKEN & CO  
Legal Status: Private  
Date Became Current: 20091015  
Date Ended Current: Not reported  
Owner/Operator Address: 920 MILLIKEN RD  
Owner/Operator City,State,Zip: SPARTANBURG, SC 29304  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

**Historic Generators:**

Receive Date: 19981017  
Handler Name: REBUS INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: PA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20071019  
Handler Name: REBUS INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: PA



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1015749848**

Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20180620  
Handler Name: REBUS INC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: PA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19981124  
Handler Name: REBUS INC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: PA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20101109  
Handler Name: REBUS INC  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: PA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20120416  
Handler Name: REBUS INC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: PA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1015749848**

Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32551  
NAICS Description: PAINT AND COATING MANUFACTURING

NAICS Code: 325510  
NAICS Description: PAINT AND COATING MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 19980818  
Actual Return to Compliance Date: 19981124  
Return to Compliance Qualifier: Observed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1015749848**

Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 000  
Date of Enforcement Action: 19980824  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: R3  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: KCB  
Enforcement Responsible Sub-Organization: WM  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 19981124  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: KCB  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19980818  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: KCB  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: 19981124  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REBUS INC (Continued)**

**1015749848**

Former Citation:

Not reported

**A3**

**SYLVAN CHEM REBUS PLT  
205 BRIDGEWATER RD  
ASTON, PA 19014**

**ARCHIVE AST**

**S111865377  
N/A**

**< 1/8  
1 ft.**

**Site 3 of 4 in cluster A**

**Relative:  
Lower**

ARCHIVE AST:

**Actual:  
80 ft.**

Name: SYLVAN CHEM REBUS PLT  
Address: 205 BRIDGEWATER RD  
City,State,Zip: ASTON 19014-2135  
Facility ID: 23-32959  
Site ID: 733177  
Client ID: 279995  
Municipality: Chester Twp  
Region Name: Not reported  
Owner ID: Not reported  
Owner Name: SYLVAN CHEM CO  
Owner Phone: Not reported  
Owner Address: PO BOX 1926  
Owner Address 2: M 482  
Owner City,St,Zip: SPARTANBURG, SC 29304  
Owner County Code: Not reported  
Resp Party Name: SYLVAN CHEM CO  
RP Address: PO BOX 1926  
RP Address 2: Not reported  
RP City,St,Zip: SPARTANBURG, SC 29304-1926  
Regulated Exp Date: Not reported  
  
Tank ID: 1011952  
Tank Sequence #: 001A  
Install Date: 01/01/1999  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 6000  
Substance: OTHER  
Tank Substance End Date: Not reported  
Tank Code: AST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 279995  
Chemical Name: SYLVAN CHEM CO  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: LEE SLUSHER SR ENV ENGR  
Company: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

	Site	Database(s)	
<b>A4</b>	<b>VFL TECHNOLOGY LABATORY</b>	<b>RCRA NonGen / NLR</b>	<b>1000706040</b>
<b>NNW</b>	<b>260 BRIDGEWATER RD</b>	<b>FINDS</b>	<b>PAD987345824</b>
<b>&lt; 1/8</b>	<b>ASTON, PA 19014</b>	<b>ECHO</b>	
<b>0.007 mi.</b>			
<b>36 ft.</b>	<b>Site 4 of 4 in cluster A</b>		
<b>Relative:</b>	RCRA NonGen / NLR:		
<b>Lower</b>	Date Form Received by Agency:	19910806	
	Handler Name:	VFL TECHNOLOGY LABATORY	
<b>Actual:</b>	Handler Address:	260 BRIDGEWATER RD	
<b>74 ft.</b>	Handler City,State,Zip:	ASTON, PA 19014	
	EPA ID:	PAD987345824	
	Contact Name:	JOHN COLUSSI	
	Contact Address:	260 BRIDGEWATER RD	
	Contact City,State,Zip:	ASTON, PA 19014	
	Contact Telephone:	215-296-2233	
	Contact Fax:	Not reported	
	Contact Email:	Not reported	
	Contact Title:	Not reported	
	EPA Region:	03	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Not reported	
	State District Owner:	PA	
	State District:	1	
	Mailing Address:	260 BRIDGEWATER RD	
	Mailing City,State,Zip:	ASTON, PA 19014	
	Owner Name:	SAVOY JOHN R	
	Owner Type:	Private	
	Operator Name:	OPERNAME	
	Operator Type:	Private	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	NN	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VFL TECHNOLOGY LABATORY (Continued)**

**1000706040**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F006
Waste Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VFL TECHNOLOGY LABATORY (Continued)**

**1000706040**

Waste Code: K061  
Waste Description: EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: SAVOY JOHN R  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 1 PENELL RD  
Owner/Operator City,State,Zip: MEDIA, PA 19063  
Owner/Operator Telephone: 215-497-2012  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: OPERNAME  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: OPERSTREET  
Owner/Operator City,State,Zip: OPERCITY, AK 99999  
Owner/Operator Telephone: 215-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19910806  
Handler Name: VFL TECHNOLOGY LABATORY  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: PA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VFL TECHNOLOGY LABATORY (Continued)**

**1000706040**

Registry ID: 110004861766

Click Here:

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000706040  
Registry ID: 110004861766  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004861766>  
Name: VFL TECHNOLOGY LABATORY  
Address: 260 BRIDGEWATER RD  
City,State,Zip: ASTON, PA 19014

**B5**  
**SE**  
**< 1/8**  
**0.039 mi.**  
**204 ft.**

**AMI-ROSE CLEANERS**  
**1111 POWELL RD**  
**CHESTER, PA 19015**  
**Site 1 of 3 in cluster B**

**EDR Hist Cleaner 1019928154**  
**N/A**

**Relative:**  
**Lower**

EDR Hist Cleaner

**Actual:**  
**98 ft.**

Year:	Name:	Type:
1976	AMI-ROSE CLEANERS	Drycleaning Plants, Except Rugs
1977	AMI-ROSE CLEANERS	Drycleaning Plants, Except Rugs
1978	AMI-ROSE CLEANERS	Drycleaning Plants, Except Rugs

**B6**  
**SE**  
**< 1/8**  
**0.041 mi.**  
**218 ft.**

**TOBY FARMS CLEANERS**  
**1119 POWELL RD**  
**BROOKHAVEN, PA 19015**  
**Site 2 of 3 in cluster B**

**EDR Hist Cleaner 1020105681**  
**N/A**

**Relative:**  
**Lower**

EDR Hist Cleaner

**Actual:**  
**98 ft.**

Year:	Name:	Type:
1996	TOBY FARMS CLEANERS	Drycleaning Plants, Except Rugs



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B7**  
**SE**  
**< 1/8**  
**0.042 mi.**  
**223 ft.**  
**TOBY FARMS CLEANERS**  
**1121 POWELL RD**  
**BROOKHAVEN, PA 19015**  
**Site 3 of 3 in cluster B**

**EDR Hist Cleaner**    **1020105682**  
**N/A**

**Relative:**    EDR Hist Cleaner  
**Lower**

<b>Actual:</b>	Year:	Name:	Type:
<b>98 ft.</b>	1997	TOBY FARMS CLEANERS	Drycleaning Plants, Except Rugs
	2006	TOBY FARMS CLEANERS	Drycleaning Plants, Except Rugs
	2007	TOBY FARMS CLEANERS	Drycleaning Plants, Except Rugs
	2008	TOBY FARMS CLEANERS	Drycleaning Plants, Except Rugs

**8**  
**SW**  
**1/8-1/4**  
**0.149 mi.**  
**789 ft.**  
**CHESTER CREEK RELEASE**  
**1342 POWELL ROAD**  
**CHESTER TWP, PA 19013**

**SEMS-ARCHIVE**    **1003867234**  
**PA0000277558**

**Relative:**    SEMS Archive:  
**Lower**

<b>Actual:</b>	Site ID:	0304961
<b>61 ft.</b>	EPA ID:	PA0000277558
	Name:	CHESTER CREEK RELEASE
	Address:	1342 POWELL ROAD
	Address 2:	Not reported
	City,State,Zip:	CHESTER TWP, PA 19013
	Cong District:	05
	FIPS Code:	42045
	FF:	N
	NPL:	Not on the NPL
	Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	03
Site ID:	0304961
EPA ID:	PA0000277558
Site Name:	CHESTER CREEK RELEASE
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-08-14 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	03
Site ID:	0304961
EPA ID:	PA0000277558
Site Name:	CHESTER CREEK RELEASE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHESTER CREEK RELEASE (Continued)**

**1003867234**

Finish Date: 1996-08-14 04:00:00  
Qual: N  
Current Action Lead: EPA Perf

Region: 03  
Site ID: 0304961  
EPA ID: PA0000277558  
Site Name: CHESTER CREEK RELEASE  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1994-04-20 04:00:00  
Finish Date: 1994-04-20 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 03  
Site ID: 0304961  
EPA ID: PA0000277558  
Site Name: CHESTER CREEK RELEASE  
NPL: N  
FF: N  
OU: 00  
Action Code: RS  
Action Name: RV ASSESS  
SEQ: 1  
Start Date: 1994-04-20 04:00:00  
Finish Date: 1994-04-20 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

**9**  
**SE**  
**1/4-1/2**  
**0.415 mi.**  
**2192 ft.**

**UPLAND BORO MAINT GARAGE**  
**402 KENT LN**  
**UPLAND, PA 19015**

**LUST** **S102604861**  
**ARCHIVE AST** **N/A**

**Relative:** LUST:  
**Lower** Name: UPLAND BORO MAINT GARAGE  
**Actual:** Address: 402 KENT LN  
**43 ft.** City,State,Zip: UPLAND, PA 19015  
Region: EP SE Rgnl Off Norristown  
Municipality: Upland Boro  
Facility Id: 591906  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status:** **Cleanup Completed**  
Status Date: 04/05/1996  
Confirmed Date: 07/14/1994  
Program Other Id: 23-46015  
Client: UPLAND BORO DELAWARE CNTY  
Incident Id: 1927  
Incident Desc: UPLAND BORO MAINT GARAGE  
Suspect Date: Not reported  
Source Of Notification: OWNER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UPLAND BORO MAINT GARAGE (Continued)**

**S102604861**

Release Discovered: CLOS  
Source Cause Of Release: INFNP  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 39.853868  
Longitude: -75.384899

**ARCHIVE AST:**

Name: UPLAND BORO MAINT GARAGE  
Address: 402 KENT LN  
City,State,Zip: UPLAND 19015  
Facility ID: 23-46015  
Site ID: 573820  
Client ID: 62537  
Municipality: Upland Boro  
Region Name: Not reported  
Owner ID: Not reported  
Owner Name: UPLAND BORO DELAWARE CNTY  
Owner Phone: Not reported  
Owner Address: 224 CASTLE AVE  
Owner Address 2: Not reported  
Owner City,St,Zip: UPLAND, PA 19015-2914  
Owner County Code: Not reported  
Resp Party Name: UPLAND BORO DELAWARE CNTY  
RP Address: 224 CASTLE AVE  
RP Address 2: Not reported  
RP City,St,Zip: UPLAND, PA 19015-2914  
Regulated Exp Date: Not reported  
  
Tank ID: 642472  
Tank Sequence #: 001A  
Install Date: Not reported  
Status: Exempt From State Law  
Status Code End Date: Not reported  
Capacity: 250  
Substance: GAS  
Tank Substance End Date: Not reported  
Tank Code: AST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 62537  
Chemical Name: UPLAND BORO DELAWARE CNTY  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: GREGORY GRILLONE BORO MGR  
Company: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

10  
ESE  
1/4-1/2  
0.422 mi.  
2227 ft.

TOBY FARMS ELEM SCH  
201 BRIDGEWATER RD  
CHESTER, PA 19015

LUST  
UST  
ARCHIVE UST  
U001099671  
N/A

Relative:  
Lower

LUST:

Actual:  
72 ft.

Name: TOBY FARMS ELEM SCH  
Address: 201 BRIDGEWATER RD  
City,State,Zip: CHESTER, PA 19015-2113  
Region: EP SE Rgnl Off Norristown  
Municipality: Chester Twp  
Facility Id: 590912  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 09/27/2018  
Confirmed Date: 09/27/2018  
Program Other Id: 23-14086  
Client: CHESTER UPLAND SCH DIST  
Incident Id: 52446  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: LD, TTEST  
Source Cause Of Release: PUST  
Tank: Not reported  
Impact Desc: Not reported  
Substance: Not reported  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 39.855864  
Longitude: -75.383034

Name: TOBY FARMS ELEM SCH  
Address: 201 BRIDGEWATER RD  
City,State,Zip: CHESTER, PA 19015-2113  
Region: EP SE Rgnl Off Norristown  
Municipality: Chester Twp  
Facility Id: 590912  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 03/05/2019  
Confirmed Date: 03/05/2019  
Program Other Id: 23-14086  
Client: CHESTER UPLAND SCH DIST  
Incident Id: 53108  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: INSTL, OWNER  
Release Discovered: 3PTY  
Source Cause Of Release: SPCB  
Tank: Not reported  
Impact Desc: Release to Containment - Unknown Impact  
Substance: Diesel Fuel  
CAS RN: Not reported  
Chemical: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOBY FARMS ELEM SCH (Continued)**

**U001099671**

Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 39.855864  
Longitude: -75.383034

**UST:**

Name: TOBY FARMS ELEM SCH  
Address: 201 BRIDGEWATER RD  
City,State,Zip: CHESTER, PA 19015-2113  
Site ID: 573078  
Other Id: 23-14086  
Client Id Number: 164168  
Municipality Name: Chester  
Region: EP SE Rgnl Off Norristown  
Mailing Name: CHESTER UPLAND SCH DIST  
Mailing Address: 1720 MELROSE AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CHESTER, PA 19013-5837  
Registration Expiration Date: 02/04/2022

Tank Seq No: 4  
**Tank Status:** **Temporarily Out of Use**  
Capacity: 10000  
Substance: Gasoline  
Date Installed: 08/01/1990  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 03/05/2019  
Decode for Tstatus: Temporarily Out of Use  
Decode for Substance: Gasoline

Tank Seq No: 5  
**Tank Status:** **Currently In Use**  
Capacity: 10000  
Substance: Diesel Fuel  
Date Installed: 08/01/1990  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 03/05/2019  
Decode for Tstatus: Currently In Use  
Decode for Substance: Diesel Fuel

**ARCHIVE UST:**

Name: TOBY FARMS ELEM SCH  
Address: 201 BRIDGEWATER RD  
City,State,Zip: CHESTER 19015-2113  
Facility Id: 23-14086  
Site ID: 573078  
Municipality: Chester Twp  
Client Date: 164168  
Owner Id: Not reported  
Owner Name: CHESTER UPLAND SCH DIST  
Owner Address: 1720 MELROSE AVE  
Owner Address 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOBY FARMS ELEM SCH (Continued)**

**U001099671**

Owner City,St,Zip: CHESTER, PA 19013  
Owner Phone: Not reported  
Owner County Code: Not reported  
Resp Party Name: CHESTER UPLAND SCH DIST  
RP Address: 1720 MELROSE AVE  
RP Address 2: Not reported  
RP City,St,Zip: CHESTER, PA 19013-5837  
Region Code Name: Not reported  
Regulated Expire Date: Not reported

Tank Sequence #: 001  
Tank Id: 638295  
Status: Exempt From State Law  
Status Code End Date: Not reported  
Capacity: 8000  
Substance: HO  
Tank Substance End Date: Not reported  
Install Date: 12/01/1963  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 164168  
Chemical Name: CHESTER UPLAND SCH DIST  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: UNKNOWN  
Company: Not reported

Tank Sequence #: 002  
Tank Id: 638296  
Status: Exempt From State Law  
Status Code End Date: Not reported  
Capacity: 8000  
Substance: HO  
Tank Substance End Date: Not reported  
Install Date: 12/01/1968  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 164168  
Chemical Name: CHESTER UPLAND SCH DIST  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: UNKNOWN  
Company: Not reported

Tank Sequence #: 003  
Tank Id: 638297  
Status: Closed Without a Permit  
Status Code End Date: Not reported  
Capacity: 8000  
Substance: GAS  
Tank Substance End Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOBY FARMS ELEM SCH (Continued)**

**U001099671**

Install Date: 12/01/1973  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 164168  
Chemical Name: CHESTER UPLAND SCH DIST  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: UNKNOWN  
Company: Not reported

**11**  
**East**  
**1/4-1/2**  
**0.440 mi.**  
**2325 ft.**

**MAIN STREET ELEM SCH**  
**704 MAIN ST**  
**CHESTER, PA**

**UNREG LTANKS**

**S105918869**  
**N/A**

**Relative:**  
**Lower**

UNREG LTANKS:

Region: South East  
Contaminant: FUEL OIL NO. 2  
**Closed: Not reported**  
Class: Cleanup of Tanks using authorities other than Act 32

**12**  
**ENE**  
**1/4-1/2**  
**0.481 mi.**  
**2539 ft.**

**FRAKEB RES**  
**1149 MAIN ST**  
**UPLAND BORO, PA**

**UNREG LTANKS**

**S105918829**  
**N/A**

**Relative:**  
**Lower**

UNREG LTANKS:

Region: South East  
Contaminant: FUEL OIL #2  
**Closed: Not reported**  
Class: Cleanup of Tanks using authorities other than Act 32

**13**  
**ESE**  
**1/2-1**  
**0.599 mi.**  
**3162 ft.**

**MARVEC MFG SITE**  
**115 6TH ST**  
**UPLAND, PA**

**SHWS**

**S115917516**  
**N/A**

**Relative:**  
**Lower**

SHWS:

Region: EP SE Rgnl Off Norristown  
Facility Id: 630024  
Municipality: Upland Boro  
Site: MARVEC MFG  
Site Id: 442824  
Program Other Id: 630024  
HOR Ref Datum: WGS84  
Client Id: 9489  
Client Owner: MERCADANTE JOHN S  
Initiation Id: 28716  
Initiation Type: HSCA  
Notice Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARVEC MFG SITE (Continued)**

**S115917516**

List Date:	Not reported
Delist Date:	Not reported
Activity Id:	29500
Media Id:	755820
Media Name:	MARVEC MFG HSCA SITE DRUM REMOVAL
Media Type:	Waste Media
Substance Code:	INORG
Substance:	Inorganics
CASRN:	18540-29-9
Chemical:	CHROMIUM (VI)
Address Remarks:	Not reported
Response Name:	DRUM REMOVAL
Response Action:	HSIRP - HSCA Interim Response Action -- PROMPT
Start Date:	07/01/2001
Finish Date:	04/01/2002
RJD Date:	06/25/2001
Altitude Datum:	Not reported
Latitude:	39.854628
Longitude:	-75.379829



Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHESTER	1003864888	FORD MOTOR CO CHESTER ASSEMBLY PLT	FRONT & LLOYD STS	19013	SEMS-ARCHIVE
CHESTER	1003866900	CHESTER PARK OIL SPILL	RIDLEY CREEK/ NETHER PROVIDENC	19013	SEMS-ARCHIVE
CHESTER	1007646477	CHESTER ABANDONED DRUMS SITE	TILGHMAN STREET AND WEST FRONT	19013	SEMS-ARCHIVE
EDDYSTONE	1003864918	MONROE CHEMICAL	SAIVILLE AVE @ 4TH ST	19013	SEMS-ARCHIVE
TRAINER	1003867389	TOSCO REDUCED CRUDE RELEASE	ROUTE 13 AT STONEY CREEK	19013	SEMS-ARCHIVE

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

#### **NPL: National Priority List**

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.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/29/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/29/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

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.

Date of Government Version: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/29/2021  
Number of Days to Update: 24

Source: EPA  
Telephone: N/A  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/11/2022  
Data Release Frequency: Quarterly

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021  
Date Data Arrived at EDR: 06/24/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/11/2022  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/29/2021  
Number of Days to Update: 24

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 12/01/2021  
Next Scheduled EDR Contact: 01/24/2022  
Data Release Frequency: Quarterly

### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 800-424-9346
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/24/2022
	Data Release Frequency: Quarterly

### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021	Source: EPA
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-424-9346
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

### ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-438-2474
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

### ***Lists of Federal RCRA generators***

RCRA-LQG: RCRA - Large Quantity Generators

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.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-438-2474
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-438-2474
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

### RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-438-2474
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

### ***Federal institutional controls / engineering controls registries***

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021	Source: Department of the Navy
Date Data Arrived at EDR: 08/06/2021	Telephone: 843-820-7326
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

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.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/18/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/06/2022
	Data Release Frequency: Varies

#### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/19/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/13/2021

Date Data Arrived at EDR: 09/21/2021

Date Made Active in Reports: 12/15/2021

Number of Days to Update: 85

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/16/2021

Next Scheduled EDR Contact: 04/04/2022

Data Release Frequency: Quarterly

## ***Lists of state- and tribal (Superfund) equivalent sites***

SHWS: Hazardous Sites Cleanup Act Site List

The Hazardous Sites Cleanup Act Site List includes sites listed on PA Priority List, sites delisted from PA Priority List, Interim Response Completed sites, and Sites Being Studied or Response Being Planned.

Date of Government Version: 07/12/2021

Date Data Arrived at EDR: 07/14/2021

Date Made Active in Reports: 10/05/2021

Number of Days to Update: 83

Source: Department Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 10/11/2021

Next Scheduled EDR Contact: 01/24/2022

Data Release Frequency: Quarterly

HSCA: HSCA Remedial Sites Listing

A list of remedial sites on the PA Priority List. This is the PA state equivalent of the federal NPL superfund list.

Date of Government Version: 06/20/2020

Date Data Arrived at EDR: 01/20/2021

Date Made Active in Reports: 04/09/2021

Number of Days to Update: 79

Source: Department of Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 10/15/2021

Next Scheduled EDR Contact: 01/24/2022

Data Release Frequency: Annually

## ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF: Operating Facilities

The listing includes Municipal Waste Landfills, Construction/Demolition Waste Landfills and Waste-to-Energy Facilities.

Date of Government Version: 08/13/2021

Date Data Arrived at EDR: 08/18/2021

Date Made Active in Reports: 11/12/2021

Number of Days to Update: 86

Source: Department of Environmental Protection

Telephone: 717-787-7564

Last EDR Contact: 11/15/2021

Next Scheduled EDR Contact: 02/28/2022

Data Release Frequency: Semi-Annually

## ***Lists of state and tribal leaking storage tanks***

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 09/07/2021

Date Data Arrived at EDR: 09/08/2021

Date Made Active in Reports: 12/01/2021

Number of Days to Update: 84

Source: Department of Environmental Protection

Telephone: 717-783-7509

Last EDR Contact: 12/08/2021

Next Scheduled EDR Contact: 03/21/2022

Data Release Frequency: Quarterly

LUST: Storage Tank Release Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/07/2021  
Date Data Arrived at EDR: 09/08/2021  
Date Made Active in Reports: 12/01/2021  
Number of Days to Update: 84

Source: Department of Environmental Protection  
Telephone: 717-783-7509  
Last EDR Contact: 12/08/2021  
Next Scheduled EDR Contact: 03/21/2022  
Data Release Frequency: Quarterly

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-6597
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

UNREG LTANKS: Unregulated Tank Cases

Leaking storage tank cases from unregulated storage tanks.

Date of Government Version: 04/12/2002	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/14/2003	Telephone: 717-783-7509
Date Made Active in Reports: 08/29/2003	Last EDR Contact: 08/14/2003
Number of Days to Update: 15	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### ***Lists of state and tribal registered storage tanks***

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021	Source: FEMA
Date Data Arrived at EDR: 02/17/2021	Telephone: 202-646-5797
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 12/18/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Varies

UST: Listing of Pennsylvania Regulated Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/01/2021	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/08/2021	Telephone: 717-772-5599
Date Made Active in Reports: 12/01/2021	Last EDR Contact: 12/08/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 09/01/2021	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/08/2021	Telephone: 717-772-5599
Date Made Active in Reports: 12/01/2021	Last EDR Contact: 12/08/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/28/2021  
Date Data Arrived at EDR: 06/22/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 90

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/28/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/27/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Varies

### **State and tribal institutional control / engineering control registries**

#### ENG CONTROLS: Engineering Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. 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.

Date of Government Version: 05/15/2008  
Date Data Arrived at EDR: 05/16/2008  
Date Made Active in Reports: 06/12/2008  
Number of Days to Update: 27

Source: Department of Environmental Protection  
Telephone: 717-783-9470  
Last EDR Contact: 10/07/2021  
Next Scheduled EDR Contact: 01/24/2022  
Data Release Frequency: No Update Planned

#### AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 07/12/2021  
Date Data Arrived at EDR: 07/14/2021  
Date Made Active in Reports: 10/05/2021  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-783-7509  
Last EDR Contact: 10/11/2021  
Next Scheduled EDR Contact: 01/24/2022  
Data Release Frequency: Quarterly

#### INST CONTROL: Institutional Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/15/2008  
Date Data Arrived at EDR: 05/16/2008  
Date Made Active in Reports: 06/12/2008  
Number of Days to Update: 27

Source: Department of Environmental Protection  
Telephone: 717-783-9470  
Last EDR Contact: 10/07/2021  
Next Scheduled EDR Contact: 01/24/2022  
Data Release Frequency: No Update Planned

### **Lists of state and tribal voluntary cleanup sites**

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 12/14/2021  
Next Scheduled EDR Contact: 04/04/2022  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 07/08/2021  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Sites

The VCP listings included Completed Sites, Sites in Progress and Act 2 Non-Use Aquifer Determinations Sites. Formerly known as the Act 2, the Land Recycling Program encourages the voluntary cleanup and reuse of contaminated commercial and industrial sites.

Date of Government Version: 10/04/2021  
Date Data Arrived at EDR: 10/06/2021  
Date Made Active in Reports: 12/30/2021  
Number of Days to Update: 85

Source: Department of Environmental Protection  
Telephone: 717-783-2388  
Last EDR Contact: 10/06/2021  
Next Scheduled EDR Contact: 01/17/2022  
Data Release Frequency: Quarterly

### ***Lists of state and tribal brownfield sites***

#### BROWNFIELDS: Brownfields Sites

Brownfields are generally defined as abandoned or underused industrial or commercial properties where redevelopment is complicated by actual or perceived environmental contamination. Brownfields vary in size, location, age and past use. They can range from a small, abandoned corner gas station to a large, multi-acre former manufacturing plant that has been closed for years.

Date of Government Version: 07/12/2021  
Date Data Arrived at EDR: 07/14/2021  
Date Made Active in Reports: 10/05/2021  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-783-1566  
Last EDR Contact: 10/11/2021  
Next Scheduled EDR Contact: 01/24/2022  
Data Release Frequency: Quarterly

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

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.

Date of Government Version: 06/10/2021  
Date Data Arrived at EDR: 06/10/2021  
Date Made Active in Reports: 08/17/2021  
Number of Days to Update: 68

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/08/2021  
Next Scheduled EDR Contact: 03/28/2022  
Data Release Frequency: Semi-Annually

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### HIST LF ALI: Abandoned Landfill Inventory

The report provides facility information recorded in the Pennsylvania Department of Environmental Protection ALI database. Some of this information has been abstracted from old records and may not accurately reflect the current conditions and status at these facilities

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/04/2005  
Date Data Arrived at EDR: 01/04/2005  
Date Made Active in Reports: 02/04/2005  
Number of Days to Update: 31

Source: Department of Environmental Protection  
Telephone: 717-787-7564  
Last EDR Contact: 11/26/2012  
Next Scheduled EDR Contact: 03/11/2013  
Data Release Frequency: Varies

### HIST LF INACTIVE: Inactive Facilities List

A listing of inactive non-hazardous facilities (10000 & 300000 series). This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP's name was the Department of Environmental Resources.

Date of Government Version: 12/20/1994  
Date Data Arrived at EDR: 07/12/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 717-787-7381  
Last EDR Contact: 06/21/2005  
Next Scheduled EDR Contact: 12/19/2005  
Data Release Frequency: No Update Planned

### HIST LF INVENTORY: Facility Inventory

A listing of solid waste facilities. This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP's name was the Department of Environmental Resources.

Date of Government Version: 06/02/1999  
Date Data Arrived at EDR: 07/12/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 717-787-7381  
Last EDR Contact: 09/19/2005  
Next Scheduled EDR Contact: 12/19/2005  
Data Release Frequency: No Update Planned

### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/22/2021  
Next Scheduled EDR Contact: 02/07/2022  
Data Release Frequency: Varies

### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/14/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: No Update Planned

### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 10/28/2021  
Next Scheduled EDR Contact: 02/07/2022  
Data Release Frequency: Varies

### **Local Lists of Hazardous waste / Contaminated Sites**

#### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021  
Date Data Arrived at EDR: 05/18/2021  
Date Made Active in Reports: 08/03/2021  
Number of Days to Update: 77

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/16/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: No Update Planned

#### **US CDL: Clandestine Drug Labs**

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.

Date of Government Version: 05/18/2021  
Date Data Arrived at EDR: 05/18/2021  
Date Made Active in Reports: 08/03/2021  
Number of Days to Update: 77

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/16/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: Quarterly

#### **PFAS: Sites With Known PFAS Contamination**

Perfluoroalkyl and polyfluoroalkyl substances (PFAS) are man-made chemicals, are resistant to heat, water and oil, and persist in the environment and the human body. PFAS are not found naturally in the environment. They have been used to make cookware, carpets, clothing, fabrics for furniture, paper packaging for food, and other materials that are resistant to water, grease, or stains. They are also used in firefighting foams and in a number of industrial processes.

Date of Government Version: 06/14/2021  
Date Data Arrived at EDR: 06/22/2021  
Date Made Active in Reports: 06/23/2021  
Number of Days to Update: 1

Source: Department of Environmental Protection  
Telephone: 717-787-4728  
Last EDR Contact: 12/20/2021  
Next Scheduled EDR Contact: 03/28/2022  
Data Release Frequency: Varies

### **Local Lists of Registered Storage Tanks**

#### **ARCHIVE UST: Archived Underground Storage Tank Sites**

The list includes tanks storing highly hazardous substances that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

Date of Government Version: 09/01/2021  
Date Data Arrived at EDR: 09/08/2021  
Date Made Active in Reports: 12/01/2021  
Number of Days to Update: 84

Source: Department of Environmental Protection  
Telephone: 717-772-5599  
Last EDR Contact: 12/08/2021  
Next Scheduled EDR Contact: 03/21/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ARCHIVE AST: Archived Aboveground Storage Tank Sites

The list includes aboveground tanks with a capacity greater than 21,000 gallons that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

Date of Government Version: 09/01/2021  
Date Data Arrived at EDR: 09/08/2021  
Date Made Active in Reports: 12/01/2021  
Number of Days to Update: 84

Source: Department of Environmental Protection  
Telephone: 717-772-5599  
Last EDR Contact: 12/08/2021  
Next Scheduled EDR Contact: 03/21/2022  
Data Release Frequency: Varies

## Local Land Records

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/29/2021  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/11/2022  
Data Release Frequency: Semi-Annually

### ACT 2-DEED: Act 2-Deed Acknowledgment Sites

This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

Date of Government Version: 04/23/2010  
Date Data Arrived at EDR: 04/28/2010  
Date Made Active in Reports: 04/30/2010  
Number of Days to Update: 2

Source: Department of Environmental Protection  
Telephone: 717-783-9470  
Last EDR Contact: 07/22/2011  
Next Scheduled EDR Contact: 11/07/2011  
Data Release Frequency: Varies

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021  
Date Data Arrived at EDR: 09/13/2021  
Date Made Active in Reports: 09/28/2021  
Number of Days to Update: 15

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 12/16/2021  
Next Scheduled EDR Contact: 04/04/2022  
Data Release Frequency: Quarterly

### SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 10/01/2021  
Date Data Arrived at EDR: 10/20/2021  
Date Made Active in Reports: 10/26/2021  
Number of Days to Update: 6

Source: DEP, Emergency Response  
Telephone: 717-787-5715  
Last EDR Contact: 01/03/2022  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Other Ascertainable Records***

### **RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated**

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.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-438-2474
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

### **FUDS: Formerly Used Defense Sites**

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/10/2021	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/17/2021	Telephone: 202-528-4285
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 66	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

### **DOD: Department of Defense Sites**

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/15/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/24/2022
	Data Release Frequency: Semi-Annually

### **FEDLAND: Federal and Indian Lands**

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 10/05/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: N/A

### **SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing**

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 11/08/2021
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 202-566-1917
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/01/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 11/05/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 12/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 11/16/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/19/2021	Source: EPA
Date Data Arrived at EDR: 07/19/2021	Telephone: 202-564-4203
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 10/20/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Annually

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 703-416-0223
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Annually

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-564-8600
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 10/18/2021
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-564-6023
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 40	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 10/08/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/29/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Quarterly

### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/24/2021	Telephone: 301-415-7169
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 10/18/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 12/02/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/05/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 12/27/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 10/26/2021  
Next Scheduled EDR Contact: 02/07/2022  
Data Release Frequency: Quarterly

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021  
Date Data Arrived at EDR: 07/14/2021  
Date Made Active in Reports: 07/16/2021  
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/03/2022  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 09/15/2021  
Date Made Active in Reports: 12/14/2021  
Number of Days to Update: 90

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/17/2021  
Next Scheduled EDR Contact: 04/04/2022  
Data Release Frequency: Biennially

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/04/2022  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Semi-Annually

### FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021  
Date Data Arrived at EDR: 07/27/2021  
Date Made Active in Reports: 10/22/2021  
Number of Days to Update: 87

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 11/01/2021  
Next Scheduled EDR Contact: 02/14/2022  
Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 12/09/2021  
Next Scheduled EDR Contact: 02/28/2022  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021

Date Data Arrived at EDR: 11/05/2021

Date Made Active in Reports: 11/29/2021

Number of Days to Update: 24

Source: Environmental Protection Agency

Telephone: 703-603-8787

Last EDR Contact: 12/29/2021

Next Scheduled EDR Contact: 04/11/2022

Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001

Date Data Arrived at EDR: 10/27/2010

Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451

Last EDR Contact: 12/02/2009

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016

Date Data Arrived at EDR: 10/26/2016

Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496

Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018

Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016

Date Data Arrived at EDR: 10/26/2016

Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496

Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018

Data Release Frequency: Annually

### MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021

Date Data Arrived at EDR: 07/01/2021

Date Made Active in Reports: 09/28/2021

Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admini

Telephone: 202-693-9424

Last EDR Contact: 12/20/2021

Next Scheduled EDR Contact: 03/14/2022

Data Release Frequency: Quarterly

### US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2021

Date Data Arrived at EDR: 08/24/2021

Date Made Active in Reports: 11/19/2021

Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Last EDR Contact: 11/22/2021

Next Scheduled EDR Contact: 03/07/2022

Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020	Source: USGS
Date Data Arrived at EDR: 05/27/2020	Telephone: 703-648-7709
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 11/22/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 11/22/2021
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021	Source: Department of Interior
Date Data Arrived at EDR: 09/15/2021	Telephone: 202-208-2609
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 12/14/2021
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021	Source: EPA
Date Data Arrived at EDR: 05/18/2021	Telephone: (215) 814-5000
Date Made Active in Reports: 08/17/2021	Last EDR Contact: 11/22/2021
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Quarterly

### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2021	Telephone: 202-564-2280
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 01/04/2022
Number of Days to Update: 89	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Quarterly

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 07/02/2020  
Date Made Active in Reports: 09/17/2020  
Number of Days to Update: 77

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 10/07/2021  
Next Scheduled EDR Contact: 01/24/2022  
Data Release Frequency: Varies

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021  
Date Data Arrived at EDR: 05/21/2021  
Date Made Active in Reports: 08/11/2021  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 11/23/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: Varies

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2021  
Date Data Arrived at EDR: 08/13/2021  
Date Made Active in Reports: 10/22/2021  
Number of Days to Update: 70

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 11/15/2021  
Next Scheduled EDR Contact: 02/28/2022  
Data Release Frequency: Quarterly

### AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 06/14/2021  
Date Data Arrived at EDR: 06/14/2021  
Date Made Active in Reports: 09/08/2021  
Number of Days to Update: 86

Source: Department of Environmental Protection  
Telephone: 717-787-9702  
Last EDR Contact: 12/07/2021  
Next Scheduled EDR Contact: 03/28/2022  
Data Release Frequency: Annually

### ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 08/30/2021  
Date Data Arrived at EDR: 09/01/2021  
Date Made Active in Reports: 11/24/2021  
Number of Days to Update: 84

Source: Department of Labor & Industry  
Telephone: 717-703-1092  
Last EDR Contact: 11/30/2021  
Next Scheduled EDR Contact: 03/14/2022  
Data Release Frequency: Varies

### DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 06/14/2021  
Date Data Arrived at EDR: 06/14/2021  
Date Made Active in Reports: 09/08/2021  
Number of Days to Update: 86

Source: Department of Environmental Protection  
Telephone: 717-787-9702  
Last EDR Contact: 12/07/2021  
Next Scheduled EDR Contact: 03/28/2022  
Data Release Frequency: Quarterly

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/07/2021  
Next Scheduled EDR Contact: 01/24/2022  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MINES: Abandoned Mine Land Inventory

This data set portrays the approximate location of Abandoned Mine Land Problem Areas containing public health, safety, and public welfare problems created by past coal mining.

Date of Government Version: 07/03/2021  
Date Data Arrived at EDR: 07/19/2021  
Date Made Active in Reports: 10/07/2021  
Number of Days to Update: 80

Source: PASDA  
Telephone: 814-863-0104  
Last EDR Contact: 10/19/2021  
Next Scheduled EDR Contact: 01/31/2022  
Data Release Frequency: Semi-Annually

### NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 08/30/2021  
Date Data Arrived at EDR: 09/01/2021  
Date Made Active in Reports: 11/23/2021  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-787-9642  
Last EDR Contact: 11/30/2021  
Next Scheduled EDR Contact: 03/14/2022  
Data Release Frequency: Varies

### UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 09/13/2021  
Date Data Arrived at EDR: 09/14/2021  
Date Made Active in Reports: 12/06/2021  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-783-7209  
Last EDR Contact: 12/13/2021  
Next Scheduled EDR Contact: 03/28/2022  
Data Release Frequency: Quarterly

### MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018  
Date Data Arrived at EDR: 10/21/2019  
Date Made Active in Reports: 10/24/2019  
Number of Days to Update: 3

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 11/23/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: Varies

### PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Varies

### PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Semi-Annually

### PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Semi-Annually

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

#### **EDR MGP: EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### **EDR Hist Auto: EDR Exclusive Historical Auto Stations**

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### **EDR Hist Cleaner: EDR Exclusive Historical Cleaners**

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

### ***Exclusive Recovered Govt. Archives***

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A

Source: Department Environmental Protection

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 12/30/2013

Last EDR Contact: 06/01/2012

Number of Days to Update: 182

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A

Source: Department Environmental Protection

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 01/10/2014

Last EDR Contact: 06/01/2012

Number of Days to Update: 193

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A

Source: Department Environmental Protection

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 12/30/2013

Last EDR Contact: 06/01/2012

Number of Days to Update: 182

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021

Source: Department of Energy & Environmental Protection

Date Data Arrived at EDR: 08/10/2021

Telephone: 860-424-3375

Date Made Active in Reports: 11/08/2021

Last EDR Contact: 11/12/2021

Number of Days to Update: 90

Next Scheduled EDR Contact: 02/21/2022

Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018

Source: Department of Environmental Protection

Date Data Arrived at EDR: 04/10/2019

Telephone: N/A

Date Made Active in Reports: 05/16/2019

Last EDR Contact: 10/05/2021

Number of Days to Update: 36

Next Scheduled EDR Contact: 01/17/2022

Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 04/29/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 10/29/2021  
Next Scheduled EDR Contact: 02/07/2022  
Data Release Frequency: Quarterly

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 02/24/2021  
Number of Days to Update: 13

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/29/2021  
Next Scheduled EDR Contact: 02/28/2022  
Data Release Frequency: Annually

### VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019  
Date Data Arrived at EDR: 10/29/2019  
Date Made Active in Reports: 01/09/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 10/07/2021  
Next Scheduled EDR Contact: 01/24/2022  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/06/2021  
Next Scheduled EDR Contact: 03/21/2022  
Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

### Electric Power Transmission Line Data

Source: Endeavor Business Media

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

TOBY FARMS ELEMENTARY  
201 BRIDGEWATER ROAD  
BROOKHAVEN, PA 19015

### **TARGET PROPERTY COORDINATES**

Latitude (North):	39.858613 - 39° 51' 31.01"
Longitude (West):	75.391404 - 75° 23' 29.05"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	466520.2
UTM Y (Meters):	4411928.5
Elevation:	103 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	14035618 MARCUS HOOK, PA
Version Date:	2019
Northeast Map:	14072062 LANSDOWNE, PA
Version Date:	2019
Southeast Map:	14317875 BRIDGEPORT, NJ
Version Date:	2019
Northwest Map:	13933520 MEDIA, PA
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

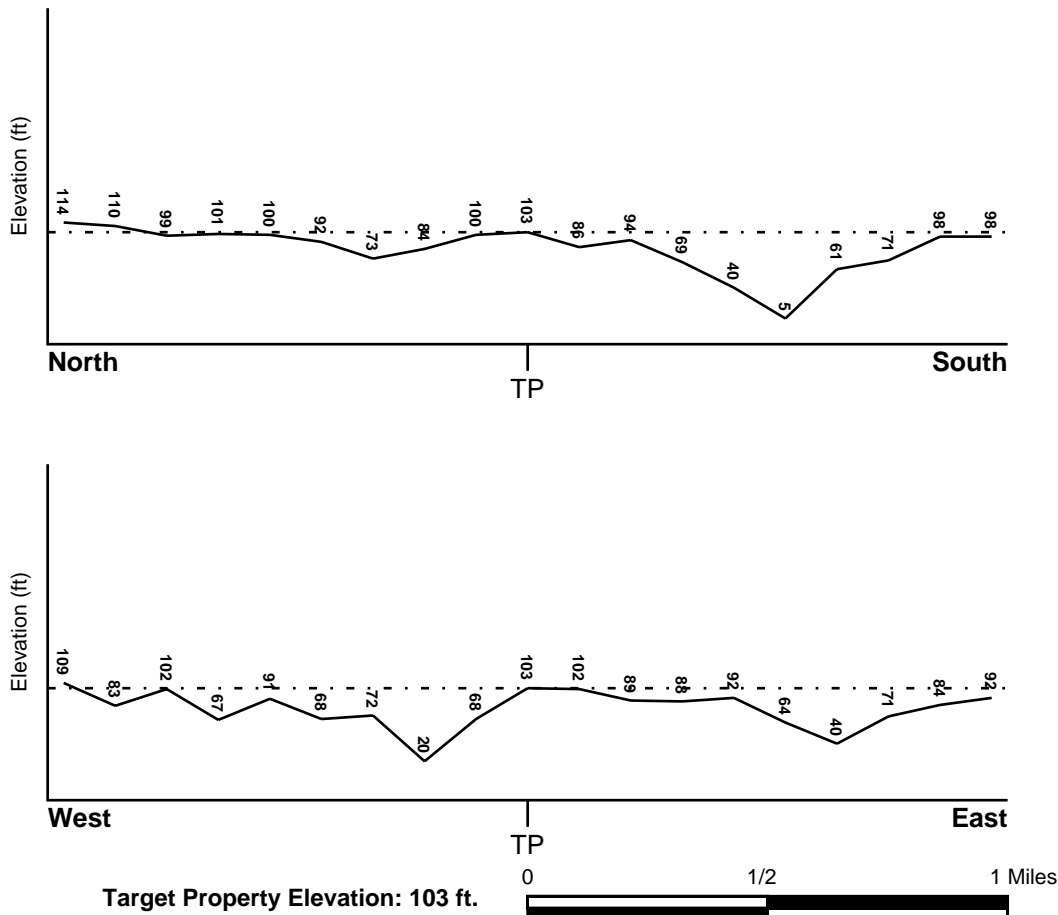
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
42045C0182F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
42045C0201G	FEMA FIRM Flood data
42045C0181F	FEMA FIRM Flood data

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MARCUS HOOK	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
4	1/2 - 1 Mile WSW	ENE
5	1/2 - 1 Mile NNE	Varies
9	1/2 - 1 Mile North	SW

For additional site information, refer to Physical Setting Source Map Findings.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	Ce (decoded above as Era, System & Series)

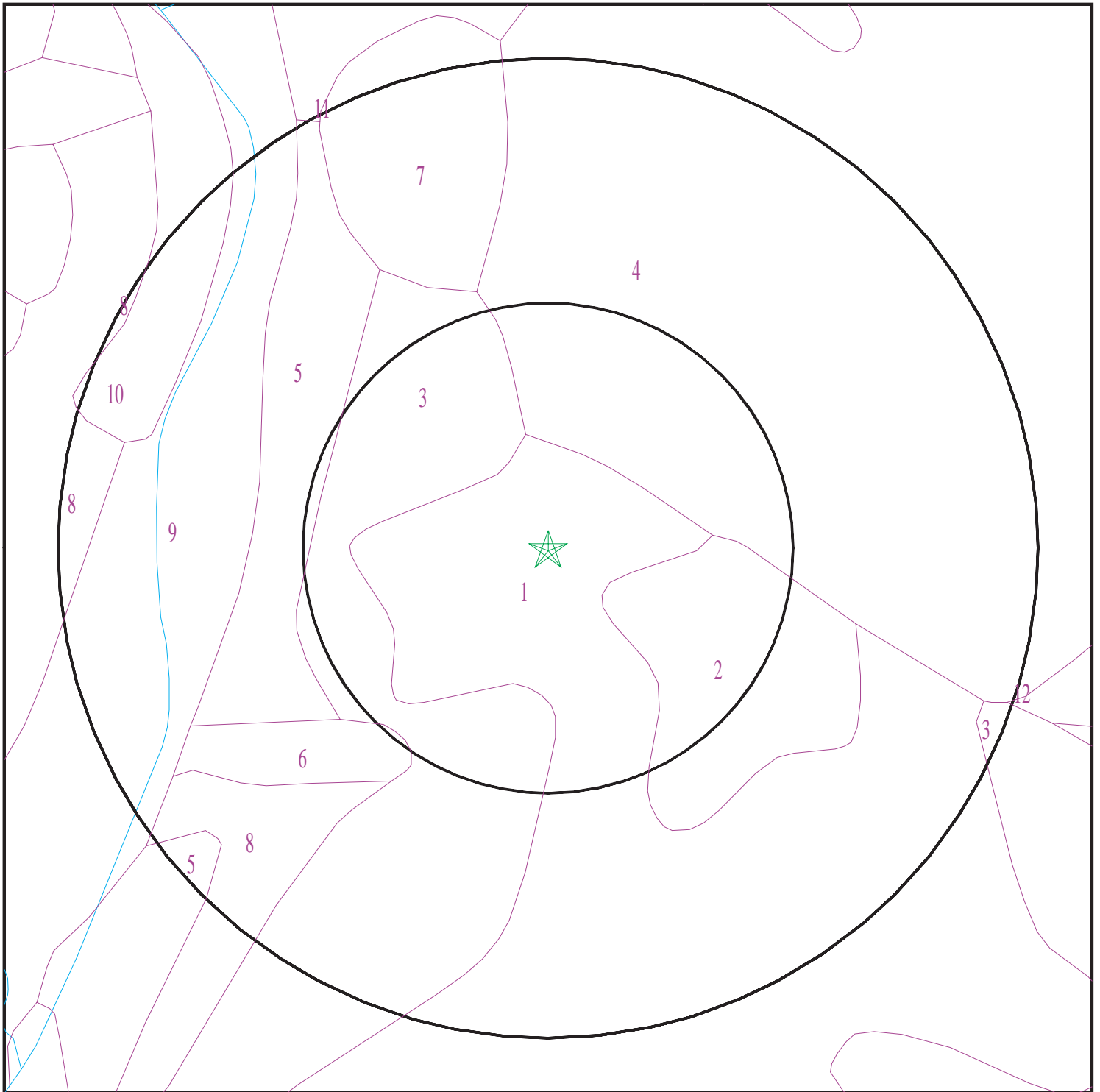
#### **GEOLOGIC AGE IDENTIFICATION**

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).



# SSURGO SOIL MAP - 6809657.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Toby Farms Elementary  
ADDRESS: 201 Bridgewater Road  
Brookhaven PA 19015  
LAT/LONG: 39.858613 / 75.391404

CLIENT: Acer Associates LLC  
CONTACT: Kasey Lechner  
INQUIRY #: 6809657.2s  
DATE: January 05, 2022 5:05 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: Chester

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	7 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	33 inches	63 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: Chester

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	7 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	33 inches	63 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

### Soil Map ID: 3

Soil Component Name: Glenelg

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
2	7 inches	25 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	25 inches	59 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5

### Soil Map ID: 4

Soil Component Name: Made land

Soil Surface Texture: channery silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 5

Soil Component Name: Manor

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6 Min: 3.6
2	7 inches	20 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6 Min: 3.6
3	20 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6 Min: 3.6

### Soil Map ID: 6

Soil Component Name: Glenville

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 53 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4.23 Min: 1.41	Max: 5.5 Min: 4.5
2	9 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4.23 Min: 1.41	Max: 5.5 Min: 4.5
3	16 inches	50 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4.23 Min: 1.41	Max: 5.5 Min: 4.5
4	50 inches	70 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4.23 Min: 1.41	Max: 5.5 Min: 4.5

### Soil Map ID: 7

Soil Component Name: Glenelg

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
2	7 inches	25 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	25 inches	59 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5

### Soil Map ID: 8

Soil Component Name: Glenelg

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
2	7 inches	25 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	25 inches	59 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5

### Soil Map ID: 9

Soil Component Name: Congaree

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42.34 Min: 4.23	Max: 6 Min: 4.5
2	9 inches	59 inches	stratified gravelly sandy loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42.34 Min: 4.23	Max: 6 Min: 4.5

### Soil Map ID: 10

Soil Component Name: Wehadkee

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6.5 Min: 5.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	27 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6.5 Min: 5.6
3	27 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6.5 Min: 5.6
4	59 inches	63 inches	stratified clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6.5 Min: 5.6

### Soil Map ID: 11

Soil Component Name: Glenelg

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
2	7 inches	25 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	25 inches	59 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5

### Soil Map ID: 12

Soil Component Name: Wheaton

Soil Surface Texture: channery loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	5 inches	68 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
7	USGS40000999218	1/2 - 1 Mile SSE
B11	USGS40000999679	1/2 - 1 Mile East

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

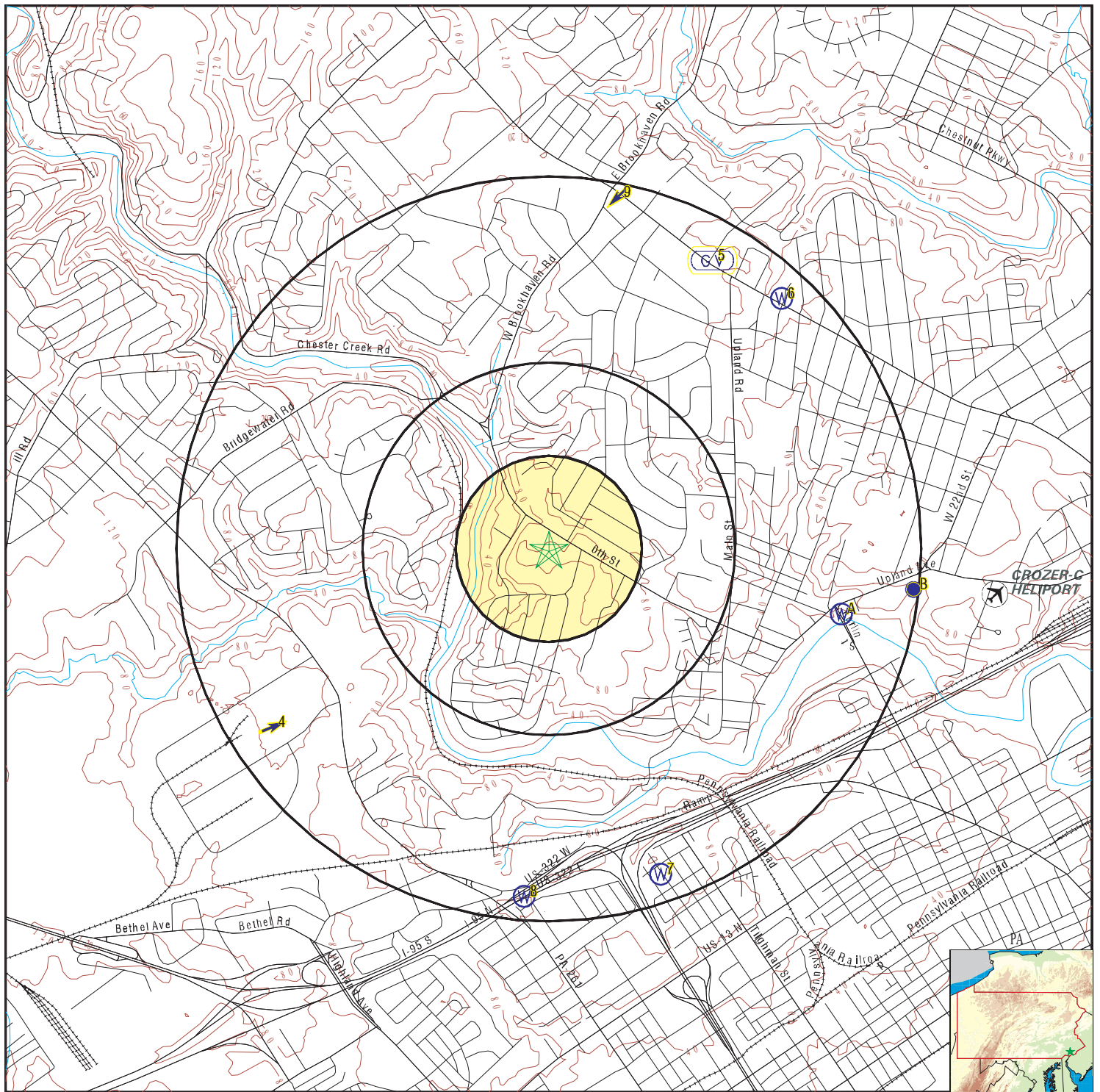
Note: PWS System location is not always the same as well location.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	PASI60000395015	1/2 - 1 Mile ESE
A2	PASI60000399665	1/2 - 1 Mile ESE
A3	PASI60000395016	1/2 - 1 Mile ESE
6	PASI60000381591	1/2 - 1 Mile NE
8	PASI60000398067	1/2 - 1 Mile South
B10	PASI60000018041	1/2 - 1 Mile East

# PHYSICAL SETTING SOURCE MAP - 6809657.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME: Toby Farms Elementary  
 ADDRESS: 201 Bridgewater Road  
 Brookhaven PA 19015  
 LAT/LONG: 39.858613 / 75.391404

CLIENT: Acer Associates LLC  
 CONTACT: Kasey Lechner  
 INQUIRY #: 6809657.2s  
 DATE: January 05, 2022 5:05 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A1**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI60000395015**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	17.5	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	27-JAN-10
Local Permit #:	Not Reported		
Owner ID:	7460918	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

**A2**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI60000399665**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	18	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	27-JAN-10
Local Permit #:	Not Reported		
Owner ID:	7447217	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

**A3**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI60000395016**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	19.5	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	27-JAN-10
Local Permit #:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	7446417	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

<b>4</b> <b>WSW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: 23-01532 Groundwater Flow: ENE Shallowest Water Table Depth: 7.38 Deepest Water Table Depth: 8.20 Average Water Table Depth: Not Reported Date: 05/30/1996	<b>AQUIFLOW 31525</b>
---	--	-----------------------

<b>5</b> <b>NNE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Not Reported Groundwater Flow: Varies Shallowest Water Table Depth: 8 Deepest Water Table Depth: 14 Average Water Table Depth: 10 Date: 07/1995	<b>AQUIFLOW 31452</b>
--	---	-----------------------

<b>6</b> <b>NE</b> <b>1/2 - 1 Mile</b> <b>Lower</b>		<b>PA WELLS PASI60000381591</b>														
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Database: Pennsylvania Groundwater Information System</td> <td style="width: 50%;"></td> </tr> <tr> <td>GWIS ID: 0</td> <td>Local Well #: Not Reported</td> </tr> <tr> <td>Aquifer: Not Reported</td> <td>Topography: Not Reported</td> </tr> <tr> <td>Well Depth: 70</td> <td>Elevation: 0</td> </tr> <tr> <td>Site Type: W</td> <td>Depth to Bedrock: 26</td> </tr> <tr> <td>Saltwater Zone: 0</td> <td>Date Drilled: 11-MAY-11</td> </tr> <tr> <td>Local Permit #: Not Reported</td> <td></td> </tr> </table>			Database: Pennsylvania Groundwater Information System		GWIS ID: 0	Local Well #: Not Reported	Aquifer: Not Reported	Topography: Not Reported	Well Depth: 70	Elevation: 0	Site Type: W	Depth to Bedrock: 26	Saltwater Zone: 0	Date Drilled: 11-MAY-11	Local Permit #: Not Reported	
Database: Pennsylvania Groundwater Information System																
GWIS ID: 0	Local Well #: Not Reported															
Aquifer: Not Reported	Topography: Not Reported															
Well Depth: 70	Elevation: 0															
Site Type: W	Depth to Bedrock: 26															
Saltwater Zone: 0	Date Drilled: 11-MAY-11															
Local Permit #: Not Reported																

Owner ID:	7455890	Ownership Date:	Not Reported
Site Use:	OBSERVATION	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

<b>7</b> <b>SSE</b> <b>1/2 - 1 Mile</b> <b>Lower</b>		<b>FED USGS USGS40000999218</b>																		
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Organization ID: USGS-PA</td> <td style="width: 50%;"></td> </tr> <tr> <td>Organization Name: USGS Pennsylvania Water Science Center</td> <td></td> </tr> <tr> <td>Monitor Location: DE 437</td> <td>Type: Well</td> </tr> <tr> <td>Description: Not Reported</td> <td>HUC: 02040202</td> </tr> <tr> <td>Drainage Area: Not Reported</td> <td>Drainage Area Units: Not Reported</td> </tr> <tr> <td>Contrib Drainage Area: Not Reported</td> <td>Contrib Drainage Area Units: Not Reported</td> </tr> <tr> <td colspan="2">Aquifer: Piedmont and Blue Ridge crystalline-rock aquifers</td> </tr> <tr> <td colspan="2">Formation Type: Wissahickon Formation, Oligoclase Mica Schist</td> </tr> <tr> <td>Aquifer Type: Not Reported</td> <td>Construction Date: 19770307</td> </tr> </table>			Organization ID: USGS-PA		Organization Name: USGS Pennsylvania Water Science Center		Monitor Location: DE 437	Type: Well	Description: Not Reported	HUC: 02040202	Drainage Area: Not Reported	Drainage Area Units: Not Reported	Contrib Drainage Area: Not Reported	Contrib Drainage Area Units: Not Reported	Aquifer: Piedmont and Blue Ridge crystalline-rock aquifers		Formation Type: Wissahickon Formation, Oligoclase Mica Schist		Aquifer Type: Not Reported	Construction Date: 19770307
Organization ID: USGS-PA																				
Organization Name: USGS Pennsylvania Water Science Center																				
Monitor Location: DE 437	Type: Well																			
Description: Not Reported	HUC: 02040202																			
Drainage Area: Not Reported	Drainage Area Units: Not Reported																			
Contrib Drainage Area: Not Reported	Contrib Drainage Area Units: Not Reported																			
Aquifer: Piedmont and Blue Ridge crystalline-rock aquifers																				
Formation Type: Wissahickon Formation, Oligoclase Mica Schist																				
Aquifer Type: Not Reported	Construction Date: 19770307																			



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	160	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	1	Level reading date:	1977-03-07
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

8

South  
1/2 - 1 Mile  
Lower

PA WELLS PASI60000398067

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	400	Elevation:	0
Site Type:	W	Depth to Bedrock:	35
Saltwater Zone:	0	Date Drilled:	29-MAY-09
Local Permit #:	P29-009		

Owner ID:	7459962	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	15.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

Site Use:	J	Date of Use:	Not Reported
Water Use:	GEOTHERMAL	Notes:	Not Reported

Comments: Test Geothermal Well, Located Behind Corner Home Of 1301 Atwell St. & Located Off Intersection Off Atwell & Tolson Sts.

9

North  
1/2 - 1 Mile  
Higher

Site ID:	23-45996
Groundwater Flow:	SW
Shallowest Water Table Depth:	11.14
Deepest Water Table Depth:	11.38
Average Water Table Depth:	Not Reported
Date:	02/27/1997

AQUIFLOW 31455

B10

East  
1/2 - 1 Mile  
Lower

PA WELLS PASI60000018041

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	18043	Local Well #:	DE 763
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	359	Elevation:	55
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-MAR-81

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	18012	Ownership Date:	01-MAR-81
Construction Date:	01-MAR-81	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	15.
Discharge:	65.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	339.
Production Water Level (ft):	354.	Test Length (min):	1.
Yield (gmp/ft):	0.19	Date Discharged:	01-MAR-81
SiteStatus at Test:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	14.1	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	25-JAN-83		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	IRRIGATION	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**B11**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000999679**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	DE 763	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19810301
Well Depth:	359	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

## **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Ground water levels, Number of Measurements: 1  
Feet below surface: 14.14  
Note: Not Reported

Level reading date: 1983-01-25  
Feet to sea level: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: PA Radon

#### Radon Test Results

Zipcode	Num Tests	Min pCi/L	Max pCi/L	Avg pCi/L
19015	756	0	12.9	1.7

EPA Region 3 Statistical Summary Readings for Zip Code: 19015

Number of sites tested: 278.

Maximum Radon Level: 15.6 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
264 (94.96%)	13 (4.68%)	1 (0.36%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for DELAWARE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-702-2045

## OTHER STATE DATABASE INFORMATION

#### Pennsylvania Oil and Gas Locations

Source: Pennsylvania Department of Environmental Protection

Telephone: 814-863-0104

An Oil and Gas Location is a DEP primary facility type related to the Oil & Gas Program. The sub-facility types related to Oil and Gas that are included in this layer are: Land Application -- An area where drilling cuttings or waste are disposed by land application; Well -- A well associated with oil and/or gas production; Pit -- An approved pit that is used for storage of oil and gas well fluids. Some sub facility types are not included in this layer due to security policies.

### RADON

#### State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

### STREET AND ADDRESS INFORMATION

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## **Appendix K**

### **Qualifications of Environmental Professionals**





**J. SCOTT HORN, PG, CHMM**  
**President, COO**

**EXPERIENCE:**

J. Scott Horn is the Principal in charge of operations at Acer Associates, LLC. As President and Chief Operating Officer, Mr. Horn is responsible for client relations and quality assurance of all the company's projects. He has experience in environmental engineering, cultural resource evaluation, geotechnical and industrial hygiene disciplines spanning over 27 years. He is a Licensed Site Remediation Professional (LSRP) in the State of New Jersey and is licensed as a Professional Geologist in the States of Pennsylvania, Delaware, Virginia and Tennessee; a Certified Hazardous Materials Manager (CHMM) accredited by the Institute of Hazardous Materials Management and is a Certified Microbial Consultant (CMC) accredited by the American Indoor Air Quality Council (AIAQC). His areas of expertise include:

- Environmental Site Assessments
- Soil and groundwater quality studies
- Aquifer testing
- Remedial design
- NPDES and NJPDES permitting
- Spill Prevention Control and Countermeasure (SPCC) Plans
- DPCC\DCR Plans
- Wetland delineation and permitting
- CAFRA, Stream Encroachment and Waterfront Development Permitting
- Habitat Assessments for Threatened and Endangered Species
- Environmental Impact Assessments
- Geotechnical Investigations
- Geophysical Investigations (Environmental, Structural, & Archeological)
- Cultural Resource Surveys
- Asbestos and lead consulting
- Indoor Air Quality (IAQ) investigations
- Mold Investigation and remediation

Superfund experience includes project management and technical direction of environmental investigation projects at the B.R.O.S. Lagoon Site in Bridgeport, New Jersey, the Lipari Landfill Site in Glassboro, New Jersey and the Diamond State Salvage Site in Wilmington, Delaware.



## **PROJECT REFERENCES:**

### ***AT&T, NJ, PA, DE, MD, VA and WV***

Mr. Horn has served as the Project Executive and Quality Assurance Professional for Phase I and II ESAs, Asbestos and Lead Surveys, NEPA assessments, Section 106 Compliance, wetland delineation/permitting endangered species habitat assessments and archaeological surveys for AT&T. These projects have spanned seventeen (17) years and have included over 2,500 projects on communication tower sites throughout New Jersey, Pennsylvania, Delaware, Maryland, Virginia and West Virginia. Mr. Horn's responsibilities consist of project management and quality control/quality assurance for all projects. Mr. Horn serves as the primary technical advisor for all environmental investigations.

### ***T-Mobile USA, Inc., DE, MD, NJ, and PA***

Mr. Horn serves as the corporate liaison and quality assurance director for Phase I and II ESAs, NEPA assessments, Section 106 Compliance, wetland delineation/permitting, endangered species surveys, geotechnical investigations, construction inspection and materials testing projects for T-Mobile. These projects have spanned over seventeen (17) years and have included over 1,000 projects on communication tower sites. Mr. Horn's responsibilities consist of project management and quality control/quality assurance.

### ***Metro PCS, DE, MD, NJ, and PA***

Mr. Horn serves as the corporate liaison and quality assurance director for Phase I and II ESAs, NEPA assessments, Section 106 Compliance, wetland delineation/permitting, endangered species surveys, geotechnical investigations, construction inspection and materials testing projects for T-Mobile. These projects have spanned over five (5) years and have included over 500 projects on communication tower sites. Mr. Horn's responsibilities consist of project management and quality control/quality assurance.

### ***Velocitel, DE, MD, NJ, and PA***

Mr. Horn serves as the corporate liaison and quality assurance director for Phase I and II ESAs, NEPA assessments, Section 106 Compliance, and geotechnical investigations, for Velocitel. These projects have spanned over fifteen (15) years and have included over 1,000 projects on communication tower sites. Mr. Horn's responsibilities consist of project management and quality control/quality assurance.

### ***General Dynamics, DE, MD, NJ, and PA***

Mr. Horn serves as the corporate liaison and quality assurance director for Phase I and II ESAs, NEPA assessments, and Section 106 Compliance for General Dynamics. These projects have spanned over seven (7) years on communication tower sites. Mr. Horn's responsibilities consist of project management and quality control/quality assurance.



***NB&C, DE, MD, NJ, PA, and NY***

Mr. Horn serves as the corporate liaison and quality assurance director for Phase I and II ESAs, NEPA assessments, Section 106 Compliance, wetland delineation/permitting, endangered species surveys, geotechnical investigations, construction inspection and materials testing projects for NB&C. These projects have spanned over one (1) year on communication tower sites. Mr. Horn's responsibilities consist of project management and quality control/quality assurance.

***Jacobs, DE, MD, NJ, and PA***

Mr. Horn serves as the corporate liaison and quality assurance director for Phase I and II ESAs, NEPA assessments, and Section 106 Compliance for Jacobs. These projects have spanned over one (1) year on communication tower sites. Mr. Horn's responsibilities consist of project management and quality control/quality assurance.

***Dynis, MD, VA and WV***

Mr. Horn serves as the corporate liaison and quality assurance director for Phase I and II ESAs, NEPA assessments, Section 106 Compliance, wetland delineation/permitting, endangered species surveys, geotechnical investigations, construction inspection and materials testing projects for Dynis. These projects have spanned over one (1) year on communication tower sites. Mr. Horn's responsibilities consist of project management and quality control/quality assurance.

***Clearwire, DE, MD, NJ, and PA***

Mr. Horn served as the corporate liaison and quality assurance director for Phase I and II ESAs, NEPA assessments, Section 106 Compliance, wetland delineation/permitting, and endangered species surveys projects for Clearwire. These projects spanned over three (3) years on communication tower sites. Mr. Horn's responsibilities consisted of project management and quality control/quality assurance.

***Bechtel, NJ, NY, PA, DE, MD, VA, and WV***

Mr. Horn is the project executive for a term contract to provide environmental and cultural resource consulting services, Phase I and II ESAs, NEPA assessments, wetland delineation/permitting, endangered species habitat assessments, archaeological surveys, and Section 106 Compliance projects for telecommunications sites located throughout New Jersey, Pennsylvania, New York, Maryland, Virginia, West Virginia and Delaware. As the senior environmental professional for this client, Mr. Horn has conducted and/or managed numerous wetland determinations/delineations and Phase I endangered species habitat assessments. Endangered species investigated include Bog Turtle, Barred Owl, Red Shouldered Hawk, Cooper's Hawk, Peregrine Falcon, Timber Rattlesnake, Indiana Bat and Eastern Box Turtle.



***Casino Reinvestment Development Authority, Atlantic City, NJ***

Mr. Horn is the firm's project executive for all work performed for the CRDA. Projects have included literally hundreds of Asbestos and Lead Based Paint Surveys, Specifications and Monitoring, ESAs, Soil and Groundwater Investigations, UST removal, and oversight projects.

***Archdiocese of Philadelphia, PA***

Mr. Horn serves as the project executive for all asbestos reinspection and air monitoring work performed at Archdiocese schools. The project involves conducting inspections at each school, reviewing the schools' existing management plans, making recommendations regarding the schools' existing management plans, making recommendations regarding the condition of various materials, and evaluating their training and notification protocols. When asbestos abatement is required due to deteriorated condition or planned renovations Mr. Horn prepares asbestos project designs and oversees the abatement monitoring.

**EDUCATION AND CERTIFICATIONS:**

B.S. Geology, 1983 University of Delaware, Newark, DE  
Professional Geologist, P.G., Pennsylvania  
Professional Geologist, P.G., Delaware  
Professional Geologist, P.G., Tennessee  
Professional Geologist, P.G., Virginia  
New Jersey Licensed Site Remediation Professional (LSRP)  
New Jersey DEP Licensed Soil Borer  
Certified Microbial Consultant (CMC)  
Certified Hazardous Materials Manager (CHMM)  
UST Subsurface Investigator, Installation, Closure, New Jersey DEP  
New Jersey, Asbestos Safety Technician, Certification #0031  
New Jersey Lead Abatement Inspector/Risk Assessor  
Delaware, Asbestos Project Monitor  
Pennsylvania, Asbestos Inspector/Management Planner  
AHERA Asbestos Inspector/Management Planner/Project Designer

**CONTINUED EDUCATION:**

Profiler EMP-400 Electromagnetic Induction, GSSI, 2012  
Structure Scan Optical Ground Penetrating Radar, GSSI, 2012  
Geochemistry of Groundwater Remediation, PCPG, 2011  
Lead Abatement Inspector/Risk Assessor, Access Training, 2011  
Practical Applications of the NJ Site Remediation Program, Rutgers University, 2011  
Subsurface Interference Radar in Engineering and Geophysical Investigations, GSSI, 2009  
Unregulated Heating Oil Tank Program Orientation, NJDEP, 2007  
Advanced Wetland Delineation, Rutgers University, 2007  
Endangered and Threatened Species of Southern New Jersey - Field, Rutgers University, 2006  
Wetland Construction Design, Rutgers University, 2005  
Endangered and Threatened Species of Northern New Jersey, Rutgers University, 2005  
Wetland Vegetation, Winter Identification, Rutgers University, 2004  
Mold and IAQ Sampling Workshop, EMSL Analytical, Inc., 2003



Understanding Mold Contamination In The Indoor Environmental, Wynn L White, 2002  
Wetland Delineation, Certificate Series, Rutgers University, 2002  
A Review of Geology for the Practicing Geologist, 2001 & 2002  
Brownfields Redevelopment, Rutgers University, 2000  
Applied Soil Science for Remediation of Contaminated Soil, Rutgers University, 1999  
Risk Based Soil Screening Guidance, Rutgers University, 1998  
Practical Applications in Hydrogeology, Rutgers University, 1997  
Underground Storage Tank Remediation, 1992  
Environmental Audits, Government Institutes, Washington DC, 1991  
40 Hour HAZWOPER training, University of Medicine and Dentistry, 1991  
Sampling and Evaluation of Airborne Asbestos Dust, (NIOSH 582), 1986  
Supervision of Asbestos Abatement Contracts, Georgia Institute of Tech., 1984

**PROFESSIONAL AFFILIATIONS:**

American Conference of Governmental Industrial Hygienists (ACGIH)  
American Industrial Hygiene Association (AIHA)  
Institute of Hazardous Materials Management (IHMM)  
Alliance of Hazardous Materials Professionals (AHMP)  
Geologic Society of America  
American Indoor Air Quality Council (AIAQC)  
Society for Architectural Historians  
National Trust for Historic Preservation  
Historic Society of Pennsylvania  
Camden County Historic Society  
Preservation New Jersey

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