

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT-MALONE NY (Continued)

1006303316

Register: True
Modified By: bxhankin
Last Modified: 02/03/2010

Tank Number: 7121
Tank Id: 242642
Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 09/23/2011
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BXHANKIN
Last Modified: 01/31/2012

18
SSE
1/4-1/2
0.289 ml.
1527 ft.

T\OWEGO HWY. DEPT.
70 DELPHINE ST.
OWEGO (T), NY

LTANKS S100153997
HIST LTANKS N/A

Relative:
Lower

Actual:
811 ft.

LTANKS:
Site ID: 119018
Spill No: 9102395
Spill Date: 5/30/1991
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/2/1994
Facility Addr2: Not reported
Cleanup Ceased: 1/27/1993
Cleanup Meets Standard: True
SWIS: 5400
Investigator: CLWARNER
Referred To: LONG TERM
Reported to Dept: 5/30/1991
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 6/5/1991
Spill Record Last Update: 11/2/1994
Spiller Name: Not reported
Spiller Company: T\OWEGO HWY. DEPT.
Spiller Address: 70 DELPHINE ST.
Spiller City,St,Zip: OWEGO, NY
Spiller County: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T\OWEGO HWY. DEPT. (Continued)

S100153997

Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 7
DER Facility ID: 103398
DEC Memo: Prior to Sept, 2004 data transtation this spill Lead_DEC Field was "CWA"05/31/91: SOME SOIL REMOVED AND STOCKPILED. MONITORING WELLS TO BE INSTALLED. 01/27/93: TEST RESULTS ON MONITORING WELLS SHOW NO CONTAMINATION ABOVE GROUNDWATER STANDARDS.NO FURTHER CATION.
Remarks: CONTAMINATED SOIL NOTICED DURING TANK REMOVAL TO A DEPTH THAT WILL MOST LIKELY IMPACT GROUNDWATER.

Material:
Site ID: 119018
Operable Unit ID: 956260
Operable Unit: 01
Material ID: 424914
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 7
Spill Number: 9102395
Spill Date: 05/30/1991
Spill Time: 09:00
Spill Cause: Tank Failure
Resource Affectcd: Groundwater
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/02/94
Cleanup Ceased: 01/27/93
Cleanup Meets Standard: True
Investgator: CWA
Caller Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T\OWEGO HWY. DEPT. (Continued)

S100153997

Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 05/30/91
Reported to Department Time: 09:30
SWIS: 49
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
Spiller Name: T\OWEGO HWY. DEPT.
Spiller Address: 70 DELPHINE ST.
Spiller City,St,Zip: OWEGO, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (607) 687-2641
Facility Extension: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/05/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/02/94
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TLOWEGO HWY. DEPT. (Continued)

S100153997

Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 05/31/91: SOME SOIL REMOVED AND STOCKPILED. MONITORING WELLS TO BE INSTALLED.
01/27/93: TEST RESULTS ON MONITORING WELLS SHOW NO CONTAMINATION ABOVE GROUNDWATER STANDARDS.NO FURTHER CATION.
Spill Cause: CONTAMINATED SOIL NOTICED DURING TANK REMOVAL TO A DEPTH THAT WILL MOST LIKELY IMPACT GROUNDWATER.

19
ESE
1/4-1/2
0.367 ml.
1937 ft.

NIXON RESIDENCE
2 PROSPECT STREET
OWEGO, NY

LTANKS S105994861
N/A

Relative:
Higher

Actual:
955 ft.

LTANKS:
Site ID: 140906
Spill No: 0165113
Spill Date: 1/7/2002
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/18/2002
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 5430
Investigator: JEOKESSO
Referred To: SHORT TERM
Reported to Dept: 1/7/2002
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: 1/25/2002
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/8/2002
Spill Record Last Update: 7/19/2002
Spiller Name: MICHELENE NIXON
Spiller Company: MICHELENE NIXON
Spiller Address: 2 PROSPECT STREET
Spiller City,St,Zip: OWEGO, NY
Spiller County: 001
Spiller Contact: MICHELENE NIXON
Spiller Phone: (607) 687-5079
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 120340
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JOS"INS CO. HIRED BARR ENV. TO OVERSEE CLEANUP. PETROLEUM CONTMAINTED SOIL REMOVED AND DISPOSED OF IN A LANFILL. DUE TO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIXON RESIDENCE (Continued)

S105994861

Remarks: STRUCTURAL RESTRAINTS SOIL REMOVAL WAS LIMITED. SOIL SAMPLE FOUND A FEW PETROLEUM COMPOUNDS OVER TAGM LEVELS. NO BASEMENT OR WATER SUPPLIES NEARBY. G.W. 20 - 25 FT BELOW SAMPLE. JEO. CUSTOMER RAN OUT OF FUEL. VISIT FOUND HOLE IN TANK. TANK REPLACED. HEATING DEGREE DAYS INDICATE ABOUT A 100 GALLON LOSS.

Material:

Site ID: 140906
Operable Unit ID: 851965
Operable Unit: 01
Material ID: 523675
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

20
SE
1/4-1/2
0.381 mi.
2013 ft.

SCOTT SMITH & SON INC
8 DELPHINE ST
OWEGO, NY 13827

LTANKS S104880072
TANKS N/A
NY Spills
NY Hist Spills

Relative:
Higher

Actual:
817 ft.

LTANKS:

Site ID: 278346
Spill No: 0202418
Spill Date: 6/6/2002
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 6/6/2002
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 5430
Investigator: CLWARNER
Referred To: SHORT TERM
Reported to Dept: 6/6/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT SMITH & SON INC (Continued)

S104880072

CID: 257
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 6/6/2002
Spill Record Last Update: 6/7/2002
Spiller Name: Not reported
Spiller Company: MIRABITO FUEL OIL
Spiller Address: 44 GRAND STREET
Spiller City,St,Zip: SIDNEY, NY 13838-
Spiller County: 001
Spiller Contact: DEAN SMITH
Spiller Phone: (607) 687-1803
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 226005
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was
"CWS"6-6-02 SPOKE WITH DAN HENKEN FROM MIRABITO. SPILL CONTAINED AND
CLEANED UP.
Remarks: driver overfilled the tank clean up is being completed now

Material:
Site ID: 278346
Operable Unit ID: 853257
Operable Unit: 01
Material ID: 520276
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons
Recovered: 10
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

TANKS:
Facility Id: 7-102717
Region: STATE
DEC Region: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT SMITH & SON INC (Continued)

S104880072

Site Status: Active
Program Type: PBS
Expiration Date: 2017/03/24
UTM X: 395237.6961
UTM Y: 4662556.7307799999

SPILLS:

Facility ID: 0065110
DER Facility ID: 186249
Facility Type: ER
Site ID: 225614
DEC Region: 7
Spill Number: 0065110
Spill Date: 10/27/2000
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Date: 10/27/2000
SWIS: 5430
Investigator: JEOKESSO
Referred To: SHORT TERM
Reported to Dept: 10/27/2000
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: 10/27/2000
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 10/27/2000
Spill Record Last Update: 2/12/2001
Spiller Name: Not reported
Spiller Company: SCOTT SMITH & SON
Spiller Address: 8 DELPHINE ST.
Spiller City,St,Zip: OWEGO, NY 13827-001
Contact Name: SCOTT SMITH
Contact Phone: (607) 687-1803
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JOS"SPILL CLEANED UP AND CONTAINED.NFA. JEO.

Remarks: DRIVER FILLING TRUCK. VAVE STUCK CAUSING FUEL TO SPILL ONTO BLACKTOP. SMALL AREA OF SOIL IMPACTED. SPILL CONTIANED AND CLEANED UP. SOIL AND SPEEDY DRY PUT ON PLASTIC. TO BE DISPOSED.

Material:

Site ID: 225614
Operable Unit ID: 835893
Operable Unit: 01
Material ID: 537812
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT SMITH & SON INC (Continued)

S104880072

Units: Gallons
Recovered: 50
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 0065110
Investigator: JOS
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/27/2000 08:30
Reported to Dept Date/Time: 10/27/00 10:20
SWIS: 49
Spiller Name: SCOTT SMITH & SON
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Contact: SCOTT SMITH
Spiller Phone: (607) 687-1803
Spiller Address: 8 DELPHINE ST.
Spiller City,St,Zip: OWEGO, NY 13827-
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: True
Last Inspection: 10/27/00
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/27/00
Corrective Action Plan Submitted: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT SMITH & SON INC (Continued)

S104880072

Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 10/27/00
Date Spill Entered In Computer Data File: 11:11
Update Date: 02/12/01
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 50
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 50
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 50
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT SMITH & SON INC (Continued)

S104880072

Last Date: 19941207
Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 50
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: SPILL CLEANED UP AND CONTAINED.NFA. JEO.
Remark: DRIVER FILLING TRUCK. VAVE STUCK CAUSING FUEL TO SPILL ONTO BLACKTOP. SMALL AREA OF SOIL IMPACTED. SPILL CONTIANED AND CLEANED UP. SOIL AND SPEEDY DRY PUT ON PLASTIC. TO BE DISPOSED.

21
SSE
1/2-1
0.600 ml.
3166 ft.

**TIOGA CASTING FACILITIES
1 FOUNDRY STREET
OWEGO, NY 13827**

Relative:
Higher

Actual:
815 ft.

**CERCLIS 1000232407
CORRACTS NYD002245819
RCRA-NonGen
FINDS
RAATS
SHWS
SWFLF
MANIFEST
2020 COR ACTION**

CERCLIS:

Site ID: 0203253
EPA ID: NYD002245819
Facility County: TIOGA
Short Name: TIOGA CASTING FACILITIES
Congressional District: 26
IFMS ID: 02QV
SMSA Number: 0960
USGC Hydro Unit: 02050103
Federal Facility: Not a Federal Facility
DMNSN Number: Not reported
Site Orphan Flag: N
RCRA ID: E
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 02
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date: 20040830
Site Fips Code: 36107
CC Concurrence Date: Not reported
CC Concurrence FY: Not reported
Alias EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Site FUDS Flag: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: TIOGA CASTING FACILITIES
Alias Address: Not reported
TIOGA, NY
Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: Not reported
Date Completed: 10/01/1989
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 12/31/1989
Priority Level: Deferred to RCRA (Subtitle C)
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 04/02/2001
Date Completed: 05/02/2001
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL
Date Started: 07/27/2001
Date Completed: 09/27/2001
Priority Level: Cleaned up
Operable Unit: SITEWIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 03/28/2001
Date Completed: 08/26/2004
Priority Level: Search Complete, No Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

[Click this hyperlink](#) while viewing on your computer to access 22 additional US CERCLIS Financial: record(s) in the EDR Site Report.

CORRACTS:

EPA ID: NYD002245819
EPA Region: 02
Area Name: SITEWIDE
Actual Date: 02/14/2011
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: SITEWIDE
Actual Date: 03/21/2011
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 03/30/1995
Action: CA200 - RFI Approved
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 03/30/1995
Action: CA350 - CMS Approved
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 03/30/1995
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: SITEWIDE
Actual Date: 03/30/1996
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 03/30/1996
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01A, CUPOLA DUST/WASTE DRUM IRM
Actual Date: 04/30/1990
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01B, CONTAMINATED SOILS IRM
Actual Date: 05/30/1993
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 331511
Iron Foundries

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 07/30/1997
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 331511
Iron Foundries

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01A, CUPOLA DUST/WASTE DRUM IRM
Actual Date: 08/14/1989
Action: CA250 - CMS Imposition
NAICS Code(s): 331511
Iron Foundries

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01A, CUPOLA DUST/WASTE DRUM IRM
Actual Date: 08/14/1989
Action: CA600 - Stabilization Measures Implemented
NAICS Code(s): 331511
Iron Foundries

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01B, CONTAMINATED SOILS IRM
Actual Date: 08/14/1989
Action: CA070 - RFA Determination Of Need For An RFI
NAICS Code(s): 331511
Iron Foundries

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01B, CONTAMINATED SOILS IRM
Actual Date: 08/14/1989
Action: CA100 - RFI Imposition
NAICS Code(s): 331511
Iron Foundries

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01B, CONTAMINATED SOILS IRM
Actual Date: 08/14/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Action: CA250 - CMS Imposition
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01B, CONTAMINATED SOILS IRM
Actual Date: 08/14/1989
Action: CA600 - Stabilization Measures Implemented
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01A, CUPOLA DUST/WASTE DRUM IRM
Actual Date: 08/14/1989
Action: CA100 - RFI Imposition
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 08/14/1989
Action: CA250 - CMS Imposition
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01A, CUPOLA DUST/WASTE DRUM IRM
Actual Date: 08/14/1989
Action: CA070 - RFA Determination Of Need For An RFI
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 08/14/1989
Action: CA070 - RFA Determination Of Need For An RFI
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 08/14/1989
Action: CA100 - RFI Imposition
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01C, SUBSLAB SOILS IRM
Actual Date: 08/14/1989
Action: CA250 - CMS Imposition
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01C, SUBSLAB SOILS IRM
Actual Date: 08/14/1989
Action: CA070 - RFA Determination Of Need For An RFI
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01C, SUBSLAB SOILS IRM
Actual Date: 08/14/1989
Action: CA100 - RFI Imposition
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: SITEWIDE
Actual Date: 09/26/1994
Action: CA050 - RFA Completed
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01, REMEDIAL PROGRAM
Actual Date: 10/31/1992
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: SITEWIDE
Actual Date: 11/09/1993
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002245819
EPA Region: 02
Area Name: OU-01C, SUBSLAB SOILS IRM
Actual Date: 12/31/1999
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 331511
Iron Foundries
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: TIOGA CASTING FACILITIES
Facility address: 1 FOUNDRY ST
OWEGO, NY 13827
EPA ID: NYD002245819
Mailing address: FOUNDRY ST
OWEGO, NY 13827
Contact: Not reported
Contact address: FOUNDRY ST
OWEGO, NY 13827
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: TIOGA CASTING FACILITIES
Owner/operator address: 1 FOUNDRY ST
OWEGO, NY 13827
Owner/operator country: US
Owner/operator telephone: (607) 687-1830
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TIOGA CASTING FACILITIES
Owner/operator address: 1 FOUNDRY ST
OPERCITY, NY 99999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Owner/operator country: US
Owner/operator telephone: (607) 687-1830
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. Importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: TIOGA CASTING FACILITIES
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: TIOGA CASTING FACILITIES
Classification: Not a generator, verified

Date form received by agency: 03/02/1998
Facility name: TIOGA CASTING FACILITIES
Site name: NYSDEC/REMEDIAL SITE
Classification: Large Quantity Generator

Date form received by agency: 08/14/1981
Facility name: TIOGA CASTING FACILITIES
Classification: Large Quantity Generator

Date form received by agency: 03/01/1981
Facility name: TIOGA CASTING FACILITIES
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 08/14/1989
Event: CMS Imposition

Event date: 08/14/1989
Event: Stabilization Measures Implemented

Event date: 08/14/1989
Event: RFI Imposition

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number _____

TIOGA CASTING FACILITIES (Continued)

1000232407

| | |
|-------------|--|
| Event date: | 08/14/1989 |
| Event: | RFA Determination Of Need For An RFI |
| Event date: | 04/30/1990 |
| Event: | Stabilization Construction Completed |
| Event date: | 10/31/1992 |
| Event: | RFI Workplan Approved |
| Event date: | 05/30/1993 |
| Event: | Stabilization Construction Completed |
| Event date: | 11/09/1993 |
| Event: | CA Prioritization, Facility or area was assigned a medium corrective action priority. |
| Event date: | 09/26/1994 |
| Event: | RFA Completed |
| Event date: | 03/30/1995 |
| Event: | CMS Approved |
| Event date: | 03/30/1995 |
| Event: | RFI Approved |
| Event date: | 03/30/1995 |
| Event: | Date For Remedy Selection (CM Imposed) |
| Event date: | 03/30/1996 |
| Event: | CMI Workplan Approved |
| Event date: | 03/30/1996 |
| Event: | Certification Of Remedy Completion Or Construction Completion |
| Event date: | 07/30/1997 |
| Event: | Certification Of Remedy Completion Or Construction Completion |
| Event date: | 12/31/1999 |
| Event: | CMI Workplan Approved |
| Event date: | 02/14/2011 |
| Event: | Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility. |
| Event date: | 03/21/2011 |
| Event: | Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 08/17/2011
Event: Date For Remedy Selection (CM Imposed)

Event date: 08/17/2011
Event: CA550RC

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/22/1988
Date achieved compliance: 12/07/1989
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/29/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/29/1984
Date achieved compliance: 12/07/1989
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/29/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 15000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/15/1983
Date achieved compliance: 04/03/1985
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 07/22/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 2000
Paid penalty amount: 2000

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/15/1983
Date achieved compliance: 04/03/1985

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/29/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 15000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 04/22/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/07/1989
Evaluation lead agency: State

Evaluation date: 05/18/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/13/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/29/1984
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 12/07/1989
Evaluation lead agency: EPA

Evaluation date: 12/15/1983
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 04/03/1985
Evaluation lead agency: EPA

FINDS:

Registry ID: 110000738943

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.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SHWS:

Program: HW
Site Code: 56391
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.
Region: 7
Acres: 1.000
HW Code: 754012
Record Add: 11/18/1999
Record Upd: 08/30/2012
Updated By: SLEDWARD
Site Description:

Location: The Tioga Casting site is approximately 1 acres in size and located on Foundry Street, off of McMaster Street, in the Village of Owego, Tioga County. Site Features: The main site feature is a capped landfill enclosed by a fence. The Landfill was closed in accordance with Part 360, with a final cover layer over the fill material, a 60-mil geomembrane, a geocomposite drainage layer, an 18-inch thick barrier protection layer, a 6-inch-thick vegetative layer and vegetative cover material. Owego Creek is located approximately one-half mile to the west and the Susquehanna River is located approximately one-half mile to the south. Current Zoning/Use(s): The site is currently inactive and is zoned as industrial. The site is adjacent to the former Owego-Appalachin Middle School, which is now vacant. The surrounding properties are commercial and residential. Historical Use(s): In 1946, the Tioga Casting Facility started operation as a cupola type foundry. Operations ceased in 1988. Until 1979, waste from the facility produced: Iron smelting waste, scrap iron, coke, limestone, phenol-formaldehyde tainted sand mold, bentonite, fly ash, iron grindings, fine baghouse ash, and cupola dust. These wastes were reportedly disposed of at an off-site landfill until March 1979. The facility then operated an on-site landfill for the disposal of its foundry wastes. The facility ceased operations in 1988. The following materials were left onsite: sand casts, various drums, a number of one-ton plastic lined bags of cupola dust as well as the material contained in the on-site landfill. In July 1989, the foundry structure was destroyed by fire. Subsequently, a fence was installed to limit access to the property. The Tioga Casting facility was listed as a Class 2 site in July 1989.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

As part of an Interim remedial measure, approximately 100 drums of waste and contaminated soil were removed from the property. In 1991 a temporary cover was placed over the onsite landfill. In 1994, the DEC completed a remedial investigation and feasibility study. In March 2005 a Record of Decision (ROD) was signed by the DEC which called for a remedy that included demolition of all of the onsite structures and consolidation of waste in a capped landfill. Construction of the remedy was completed by DEC State superfund contractor Clean Venture in 1997. The State continues to maintain and monitor the site to ensure the remedy is effective. Additional removal and investigation took place subsequent to the remedial action. In June 2001 EPA performed a removal of asbestos containing material (block, brick, wood, and building). In July 2008 DEC investigated the site to determine if any contamination remained onsite outside of the capped landfill. In 2009 the site perimeter fence was removed by DEC as it was deemed unnecessary. The fence around the landfill remains intact. In September 2010 a temporary use and occupancy agreement was signed allowing the installation of an up-gradient monitoring well (MW-6). In November 2010 an expanded sampling event of the groundwater and soil vapor, was conducted and document that the remediation at the site is complete. In August 2011 the site boundary was modified from 7 acres to 1 acre. The seven acres included the former foundry building which occupied the front (eastern) portion of the facility and the former landfill located at the western edge of the former facility. The remaining slab remnants of the onsite facility are all that remain of the former foundry building. The current 1 acre foot print of the site includes only the capped landfill. Site Geology and Hydrogeology : Soils at the site consist of sands and gravels. Groundwater below the site is encountered at approximately 10 to 15 feet below the ground surface (bgs). Groundwater flow direction is generally to the south-southeast. There is no surface water near the site; the topography is very flat and surface drainage from the site is in the form of sheet flow or infiltration.

Env Problem:

The RI was completed in two phases. The first phase field work was completed between April 5, 1993 and May 4, 1993. The second phase field work was carried out in December, 1993. Prior to remediation: Soils: The analysis of on-site surface soil samples indicated lead concentrations from approximately 10 - 917 ppm with one exception (22,200 ppm). Subsurface soil sample results indicated lead concentrations from 15 - 2600 ppm; lead concentrations in off-site surface soil samples ranged from approximately 25 - 800 ppm. This site's cleanup level for lead was set at 250 ppm (for surface soils). The on-site surface soil results indicated cadmium concentrations from 0.4 - 3.7 ppm with one exception (48.6 ppm). Cadmium levels in off-site surface soils ranged from 0.2 - 3.4 ppm with one exception (9.5 ppm). Subsurface soil concentrations of cadmium ranged from 0.35 - 3 ppm with one exception (5.6 ppm). During the RI, three subsurface soil samples collected from inside the landfill were analyzed for TCLP metals. Although the RI samples did not exceed TCLP regulatory levels, historical analyses for total lead indicated that there was still material on site which would likely be classified as hazardous waste (i.e. samples from the surface of the landfill and from the south-central perimeter of the site indicated lead concentrations of 15,000 ppm and 22,200 ppm, respectively). Sediment: There were floor drains and a septic tank present on site. Sediment samples were collected from these areas. Lead concentrations ranged from 7.6 - 410 ppm; cadmium was present at

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

concentration of 4.1 - 6.8 ppm. Groundwater: As a part of the RI, five monitoring wells were installed around the perimeter of the site. Two rounds of groundwater samples were collected (April '93 and December '93). The analysis of groundwater samples indicated concentrations of site related contaminants above groundwater standards. In the first round of groundwater samples, one sample exceeded the 25 g/l standard for lead (26.7 g/l). The results of the second round indicated that three of the five groundwater samples exceeded the standard for lead with concentrations of 26.8, 39.6, and 41.8 g/l. Two of the samples exceeded the 10 g/l standard for cadmium with concentrations of 12.8 and 14 g/l. Post-Remediation: All known contamination on the site has been consolidated into the onsite landfill which was subsequently capped. In July 2008, additional groundwater monitoring and a subsurface soil investigation was initiated to evaluate if groundwater and/or subsurface soil contained concentration of volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), or metals at concentrations greater than the respective NYSDEC Standards or site-specific cleanup criteria. Sub-slab soil vapor samples were also collected from beneath the former foundry building slab to evaluate potential soil vapor intrusion pathways. In addition, three new groundwater monitoring wells were installed to provide additional information on groundwater quality. In April 2009, NYSDEC collected groundwater samples from all new and existing groundwater monitoring wells at the site for analysis of VOCs, semi-volatile organic compounds (SVOCs), and metals. Based on the results provided by NYSDEC, none of the samples contained concentrations of VOCs or SVOCs greater than corresponding NYSDEC Class GA Standards. In July 2009, surface soil samples were collected from the site to evaluate the potential for surface soil to be an exposure route to site related contaminants. Six surface soil samples were collected from the site in areas known to have contained piles of debris, coal, or concentrations of metals in subsurface soil or groundwater greater than the respective 6NYCRR Part 375, NYSDEC Class GA, or site-specific cleanup goals. None of the surface soil samples contained concentrations of metals greater than the corresponding 6NYCRR Part 375 Commercial SCOs. In August 2011 the site boundary was modified from 7 acres to 1 acre. The seven acres were the former foundry building which occupied the front (eastern) portion of the facility while the former landfill is located at the western edge of the former facility. The remaining slab remnants of the onsite facility are all that remain of the former foundry building. The Landfill was closed in accordance with part 360, With final cover layer over the fill material, a 60-mil geomembrane, a geocomposite drainage layer, an 18-inch thick barrier protection layer, a 6-inch-thick vegetative layer and vegetative cover material. The current 1 acre foot print of the site includes only the capped landfill.

Health Problem:

The landfill was properly capped when it was closed and a fence is installed; therefore, people are not expected to come into contact with contaminated soils. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for future exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: True
Pond: False
Disp Start: 1981
Disp Term: 1988
Lat/Long: 42:06:19:0 / 76:16:13:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 7/17/2012 12:04:00 PM
Updated By: SLEDWARD
Own Op: Document Repository
Sub Type: C01
Owner Name: c/o Rodney M Marchewka
Owner Company: Town Hall
Owner Address: 178 Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Owego, NY 13827
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: John Sweet III
Owner Company: Tioga Castings
Owner Address: 2065 Carmichael
Owner Addr2: Not reported
Owner City,St,Zip: Owego, NY 13827
Owner Country: United States of America
HW Code: 754012
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 754012
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 754012
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD002245819
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 3/31/2011 9:45:00 AM
Record Updated: 3/31/2011 9:45:00 AM
Updated By: DADESNOY
Crossref ID: TIOGA CASTING FACILITIES
Cross Ref Type Code: 27
Cross Ref Type: Alternate Site Name
Record Added Date: 6/16/2011
Record Updated: 6/16/2011
Updated By: jdjarrat

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

SWF/LF:

Flag: INACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: TIOGA CASTING FACILITIES
Owner Type: Private
Owner Address: 1 FOUNDRY STREET
Owner Addr2: Not reported
Owner City,St,Zip: OWEGO, NY 13827
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Landfill - industrial/commercial
Activity Number: [54N05]
Active: No
East Coordinate: 395187
North Coordinate: 4661194
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

NY MANIFEST:

EPA ID: NYD002245819
Country: USA
Mailing Name: NYSDEC
Mailing Contact: GLEN STARK JOHN MAY
Mailing Address: 50 WOLF RD
Mailing Address 2: Not reported
Mailing City: ALBANY
Mailing State: NY
Mailing Zip: 12233
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 518-457-9285

Document ID: NYA3613623
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: U-50975
Trans2 State ID: Not reported
Generator Ship Date: 860426
Trans1 Recv Date: 860426
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860429
Part A Recv Date: 860501
Part B Recv Date: 860528
Generator EPA ID: NYD002245819
Trans1 EPA ID: NYD013545694

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Trans2 EPA ID: Not reported
TSDF ID: OHD045243706
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 28200
Units: P - Pounds
Number of Containers: 012
Container Type: BA - Burlap, plastic, paper bags
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 86

Document ID: NJA1493181
Manifest Status: Completed copy
Trans1 State ID: S2265
Trans2 State ID: Not reported
Generator Ship Date: 970106
Trans1 Recv Date: 970106
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970107
Part A Recv Date: 970123
Part B Recv Date: 970123
Generator EPA ID: NYD002245819
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00010
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYB8573508
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 2068A7NY
Trans2 State ID: Not reported
Generator Ship Date: 970612
Trans1 Recv Date: 970612
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970613
Part A Recv Date: 970624
Part B Recv Date: 970722
Generator EPA ID: NYD002245819
Trans1 EPA ID: NYD046765574
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 14920
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Year: 97

Document ID: PAG1895800
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/21/2000
Trans1 Recv Date: 08/21/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/21/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 61900
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895810
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/21/2000
Trans1 Recv Date: 08/21/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/21/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 61920
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895820
Manifest Status: Not reported
Trans1 State ID: PAD008781072
Trans2 State ID: Not reported
Generator Ship Date: 08/21/2000
Trans1 Recv Date: 08/21/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/21/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH0649
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 52440
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895840
Manifest Status: Not reported
Trans1 State ID: Not reported
Trans2 State ID: 0986969947
Generator Ship Date: 08/22/2000
Trans1 Recv Date: 08/22/2000
Trans2 Recv Date: 08/22/2000
TSD Site Recv Date: 08/22/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH20889
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 57300
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895650
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/17/2000
Trans1 Recv Date: 08/17/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/17/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Quantity: 61620
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895660
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/17/2000
Trans1 Recv Date: 08/17/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/17/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 59900
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895670
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/17/2000
Trans1 Recv Date: 08/17/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/17/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 56840
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Document ID: PAG1895680
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/17/2000
Trans1 Recv Date: 08/17/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/17/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 53080
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895690
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/17/2000
Trans1 Recv Date: 08/17/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/17/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSD ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 63880
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895700
Manifest Status: Not reported
Trans1 State ID: NYD986964947
Trans2 State ID: Not reported
Generator Ship Date: 08/17/2000
Trans1 Recv Date: 08/17/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/17/2000
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSDF ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 57100
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895710
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/18/2000
Trans1 Recv Date: 08/18/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/18/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSDF ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 61540
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895720
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/18/2000
Trans1 Recv Date: 08/18/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/18/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSDF ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 66960
Units: P - Pounds
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895730
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/18/2000
Trans1 Recv Date: 08/18/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/18/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSDF ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 49060
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895740
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/18/2000
Trans1 Recv Date: 08/18/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/18/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSDF ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 56940
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895750
Manifest Status: Not reported
Trans1 State ID: NYD098696947

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Trans2 State ID: Not reported
Generator Ship Date: 08/18/2000
Trans1 Recv Date: 08/18/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/18/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSDF ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 56680
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895770
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 08/21/2000
Trans1 Recv Date: 08/21/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/21/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146
Trans2 EPA ID: Not reported
TSDF ID: PAAH0338
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 55860
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: PAG1895780
Manifest Status: Not reported
Trans1 State ID: PAD008781072
Trans2 State ID: Not reported
Generator Ship Date: 08/21/2000
Trans1 Recv Date: 08/21/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/21/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002245819
Trans1 EPA ID: PAD004835146

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TIOGA CASTING FACILITIES (Continued)

1000232407

Trans2 EPA ID: Not reported
TSDF ID: PAAH0649
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 48780
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

[Click this hyperlink](#) while viewing on your computer to access
16 additional NY_MANIFEST: record(s) in the EDR Site Report.

2020 COR ACTION:

EPA ID: NYD002245819
Region: 2
Action: Remedy Constructed

22
SSE
1/2-1
0.860 mi.
4539 ft.

BEN WEITSMAN & SON, INC.
OWEGO, NY

DEL SHWS S105972726
N/A

Relative:
Lower

Actual:
801 ft.

DEL SHWS:
Year: Not reported
Site Code Id: 754002
Site Classification: Not reported
Region: Not reported
Epa Id Number: Not reported
Site Type - Dump: No
Site Type - Structure: No
Site Type - Lagoon: No
Site Type - Landfill: No
Site Type - Treat Pond: No
Site Size (Acres): Not reported
Site Size Comment: Not reported
Period Assoc/HW Start: Not reported
Period Assoc/HW End: Not reported
Lat/Long: Not reported
Lat/Long Decimal: 0.00000 / 0.00000
Lat/Long (dms): 0 0 0 / 0 0 0
Hazardous Waste Code: Not reported
Hazard Waste Disposed: Not reported
Quantity: Not reported
Air Data Available: No
SW Std Contravention: No
GW Std Contravention: No
Soil Type: Not reported
Sediment Data Available: No
GW Std Contravention: No
DW Std Contravention: No
SW Std Contravention: No
Air Stand Contraventions: No
Legal Action Type: Not reported
State Legal Action: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEN WEITSMAN & SON, INC. (Continued)

S105972726

Federal Legal Action: No
Enforce Status Code: Not reported
Remedial Act Proposed: No
Rem Act Under Design: No
Rem Act In Progress: No
Rem Act Completed: No
Remedial Action Type: Not reported
Soil Type: Not reported
Depth To Groundwater: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Phone: Not reported
Owner Contact Name: Not reported
Owner During Disposal: Not reported
Owner During Use: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City,St,Zip: Not reported
Operator Phone: Not reported
Operator Contact Name: Not reported
Oper During Disposal: Not reported
Site Type: Not reported
HW Disposal Period: Not reported
Analytical Data Available: Not reported
Applicable Std Exceeded: Not reported
Geotech Info: Not reported
Depth To Groundwater: Not reported
Status: Not reported
Nature Of Action: Not reported
Env Prob Assessment: Not reported
Site Description: Not reported
Confirmed HW: Not reported
Environment Assesment: Not reported
Health Assesment: Not reported
Disposal Start Date: Not reported
Disposal Term Date: Not reported
Air Violation: Not reported
Groundwater Violation: Not reported
Drink Water Violation: Not reported
Surface Water Violation: Not reported
Legal New York State: Not reported
Legal Federal: Not reported
Legal State: Not reported
Remedial Action Active: Not reported
Remedial Action Done: Not reported
NPL Status: Not reported
Count Operator: Not reported
Count Owner: Not reported
NYTM X: 0
NYTM Y: 0
Co Name: Not reported
Co Addr: Not reported
Operator Addr: Not reported
Operator Addr 2: Not reported
Operator Addr 3: Not reported
Operator Addr 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEN WEITSMAN & SON, INC. (Continued)

S105972726

HWDP From: Not reported
From To: Not reported
Assessment of Health: Not reported
Description: Not reported
Env Assessment: Not reported
HW Disposed/Quantity: Not reported
Assess/Env Prog: Not reported
Assess/Health Prob: Not reported
Site Description: Not reported

23
South
1/2-1
0.923 mi.
4874 ft.

OWEGO WEST MAIN STREET SITE
60-62 WEST MAIN STREET
OWEGO, NY

SHWS
VAPOR REOPENED
MANIFEST
NY Spills

S104541675
N/A

Relative:
Lower

Actual:
802 ft.

SHWS:

Program: HW
Site Code: 57856
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.
Region: 7
Acres: 1.740
HW Code: 754015
Record Add: 11/18/1999
Record Upd: 10/02/2012
Updated By: KXFARRAR
Site Description:

Location: The Owego West Main St. Site located in a suburban area. The site is 1.74 acres in size and is located at the intersection of West Main Street and Canal Street. Site Features: The main site features include one small building surrounded by a parking lot and roadways. The site is in the floodplain of the Susquehanna River. Current Zoning/Use(s): This site is currently occupied by the Industrial Paint Services Corporation. The surrounding parcels are currently used for a combination of commercial, light industrial, residential, and utility right-of-ways. The nearest residential area is directly adjacent to the site. Historical Use(s): The site has been used as an industrial-commercial coating and painting facility since 1973, during which time the use of solvents and paints, including the volatile organic compounds was common. For the period from 1973 to 1984 the site was owned and operated by Crown Industries, a division of Magnetic Laboratories, Inc, which was a subsidiary of Savin Industries, Inc. The site includes three dry wells which apparently received wastes released from processes at the site until at least 1984. In 1984, the site was purchased by Industrial Paint Services Corporation (IPS) which continues to operate an industrial painting facility at the site. Granular activated carbon (GAC) filters were installed in the affected homes under a State-funded Interim Remedial Measure (IRM). Interim site management (maintenance of POETs on impacted wells) was ongoing with three residences receiving bottled water and one residence having a GAC unit until the flooding caused by Hurricane Lee in August 2011. The houses that were part of the IRM have been condemned and are waiting to be notified if they qualify for the FEMA buy-out program. Site Geology and Hydrogeology: The site is situated approximately 1,000 feet northwest and upgradient of the Susquehanna River near the confluence of Owego Creek and is in the floodplain of the Susquehanna River. Groundwater flow direction is to the south toward the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OWEGO WEST MAIN STREET SITE (Continued)

S104541675

Susquehanna River and Owego Creek. The depth to groundwater ranges from 12 to 15 feet.

Env Problem: The primary contaminant of concern at the site known at this time is Trichloroethene (TCE). Investigations indicate that groundwater has been impacted by TCE contamination with groundwater and drinking water standards contravened. While groundwater monitoring data showed a decline in VOC concentrations, TCE contamination has leveled somewhat, and drinking water for one of the residential houses remains at 15ppb TCE, which is above drinking water standards. The site presents an environmental threat due to a potential source area of contamination remaining under the building slab.

Health Problem: The exposure pathways associated with this site included the use of private water supply wells contaminated with chlorinated organic solvents and potential contact with a small area of surficial soils contaminated with metals. The contamination of four private water supply wells was discovered in 1991. Bottled water or an activated carbon filter/ ultraviolet treatment system are currently provided to the impacted residences. The surficial soil contamination has been remediated by excavation and removal. Subsurface soil contamination and the associated groundwater contamination on the site are primarily under a small fenced area and under the building, which is still in active manufacturing. Remedial efforts are underway to address the contamination remaining on the site.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: unknown
Disp Term: unknown
Lat/Long: 42:06:00:0 / 76:16:46:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 7/24/2006 2:48:00 PM
Updated By: TPFESTA
Own Op: Owner
Sub Type: E
Owner Name: DONALD R. CHAPMAN
Owner Company: *** MULTIPLE SITE OWNERS ***
Owner Address: 60-62 WEST MAIN ST.
Owner Addr2: Not reported
Owner City,St,Zip: OWEGO, NY 13827
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: Savrin Corporation
Owner Address: 60-62 West Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Owego, NY 13827
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: Savrin Corporation
Owner Address: 60-62 West Main Street
Owner Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EPA ID Number
EDR ID Number

OWEGO WEST MAIN STREET SITE (Continued)

S104541675

Owner City,St,Zip: Owego, NY 13827
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: Savrin Corporation
Owner Address: 60 -62 West Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Owego, NY 13827
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Industrial Paint Services Corporatio
Owner Address: 60-62 West Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Owego, NY 13827
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: *** MULTIPLE SITE OWNERS ***
Owner Address: 60 -62 WEST MAIN STREET
Owner Addr2: Not reported
Owner City,St,Zip: OWEGO, NY 13827
Owner Country: United States of America
HW Code: 754015
Waste Type: TRICHLOROETHYLENE {(TCE) (F002 WASTE)}
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 754015
Waste Type: 1,1,1-TRICHLOROETHANE {(TCA) (F002 WASTE)}
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 754015
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 754015
Waste Type: 1,1,1 TCA
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD980775084
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: INITIAL

VAPOR REOPENED:

Site Code: 754015
Facility Status: Complete

NY MANIFEST:

EPA ID: NYD980775084
Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OWEGO WEST MAIN STREET SITE (Continued)

S104541675

Mailing Name: JEDON CORPORATION
Mailing Contact: DONALD CHAPMAN
Mailing Address: 60-62 WEST MAIN STREET
Mailing Address 2: Not reported
Mailing City: OWEGO
Mailing State: NY
Mailing Zip: 13827
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 607-785-7971

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID: 0751025
DER Facility ID: 338478
Facility Type: ER
Site ID: 388919
DEC Region: 7
Spill Number: 0751025
Spill Date: 9/27/2007
Spill Cause: Housekeeping
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date: 10/24/2007
SWIS: 5430
Investigator: jeokesso
Referred To: Not reported
Reported to Dept: 9/27/2007
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 10/24/2007
Spill Record Last Update: 10/24/2007
Spiller Name: Not reported
Spiller Company: INDUSTRIAL PAINT SERVICES CORP.
Spiller Address: 60-62 WEST MAIN STREET
Spiller City,St,Zip: OWEGO, NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Visited site with ECO Winnick. Inspected dumpster. No liquid waste in dumpster. Spoke with manager. He indicated rags used to wipe down metal pieces are disposed of with dried paint. Inspected inside building and discussed process to clean metal prior to coating product. Manager indicated that water goes to Owego STP only. Water is to be placed in plastic containers. Water is tested and Ph

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OWEGO WEST MAIN STREET SITE (Continued)

S104541675

Remarks: adjusted if needed prior to discharge. Water is contained inside building on concrete floor. No illegal discharge or dumping found. ECO was notified of ongoing dumping of waste into the garbage and dumping of waste water.

Material:

Site ID: 388919
Operable Unit ID: 1146072
Operable Unit: 01
Material ID: 2136422
Material Code: 1878A
Material Name: WASTE MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Facility ID: 0750651
DER Facility ID: 55719
Facility Type: ER
Site ID: 385270
DEC Region: 7
Spill Number: 0750651
Spill Date: 7/27/2007
Spill Cause: Housekeeping
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date: 8/2/2007
SWIS: 5430
Investigator: jeokesso
Referred To: Not reported
Reported to Dept: 7/30/2007
CID: Not reported
Water Affected: OWEGO CREEK/SUS
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OWEGO WEST MAIN STREET SITE (Continued)

S104541675

Remediation Phase: 0
Date Entered In Computer: 8/2/2007
Spill Record Last Update: 8/2/2007
Spiller Name: DAVID JONES - GENERAL MANAGER
Spiller Company: INDUSTRIAL PAINT SERVICES CORP.
Spiller Address: 60-62 WEST MAIN STREET
Spiller City,St,Zip: OWEGO, NY 13827
Spiller Company: 999
Contact Name: Not reported
Contact Phone: (607) 687-0107
DEC Memo: 7/31/07 - Visited site with ECO Wheeler. Met with V/Owego DPW and discussed incident. Inspected IPS facility and found that the company cleaned out vats on 7/27/07 which are used to clean metal prior to painting. Soap solution was pumped into drums outside. Hose came out of drum causing solution to spill on loading dock and run down driveway. Heavy rains caused soap solution to go offsite to stormdrain. ECO Wheeler to follow up with possible Article 17 violations. Appears to be sloppy housekeeping of materials. Company to clean up dock and properly handle waste in the future.
Remarks: During a heavy rain event the Village of owego DPW noted runoff coming from a nearby business. Water was milky white with soap suds. Water discharges to Susquehanna river/Owego Creek

Material:

Site ID: 385270
Operable Unit ID: 1142541
Operable Unit: 01
Material ID: 2132778
Material Code: 1127A
Material Name: INDUSTRIAL DETERGENT
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

Count: 40 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|--------|------------|------------------------------------|--------------------------------|-------|-----------------------------|
| OWEGO | 1000109949 | O & D LAUNDRY & DRY CLEANING | ROUTE 17C BOX 37 | 13827 | FINDS,RCRA-NLR,MANIFEST |
| OWEGO | 1000147966 | ROYAL MOTORS INC FORD-MERCURY | RTE 17C W | 13827 | RCRA-NLR |
| TIOGA | 1000232409 | TIOGA COUNTY HIGHWAY DEPT. | RT. 96 | 13827 | FINDS,HIST AST,AST,RCRA-NLR |
| OWEGO | 1000232410 | TIOGA COUNTY DEPT OF PUBLIC WORKS | ROUTE 96 | 13827 | FINDS,MANIFEST,RCRA-NLR |
| OWEGO | 1000236102 | OWEGO SERVICE CENTER NYSEG | 98 W MAIN ST/RTE 17C | 13827 | FINDS,RCRA-NLR,MANIFEST |
| OWEGO | 1000271491 | OWEGO CENTRAL SCHOOL BUS | ELM ST | | FINDS,HIST LTANKS,HIST |
| OWEGO | 1000319155 | SIGNS EQUIPMENT | RD 2 & RTE 17C W | 13827 | FINDS,RCRA-NLR |
| OWEGO | 1000790011 | NYSDOT | RT 38 | 13827 | FINDS,RCRA-NLR,MANIFEST |
| OWEGO | 1000790012 | NYSDOT BIN 1024080 | RTE 38 OVER WADE HOLLOW CREEK | 13827 | FINDS,RCRA-NLR |
| OWEGO | 1000791415 | CLEAN HARBORS/TIOGA COUNTY FARM | ROUTE 38 | 13827 | FINDS,RCRA-NLR,MANIFEST |
| OWEGO | 1001233211 | NYSDOT BIN 1014230 | RTE 17C OVER CONRAIL | 13827 | FINDS,RCRA-NLR |
| OWEGO | 1001489119 | NYSEG - OWEGO & BELDON BLAKE REG S | RTE 434 & NYS 96 & 38 | 13827 | FINDS,RCRA-NLR |
| OWEGO | 1004569811 | OWEGO (T) SD NO.1 WWTP & ONSITES | BROADWAY ROAD | 13827 | FINDS |
| OWEGO | 1005444284 | OWEGO TOWN OF DPW BIN 2218760 | MAIN ST BRIDGE OVER | 13827 | FINDS,RCRA-NLR |
| OWEGO | 1007740923 | ROUTE 17C OVER OWEGO CREEK | ROUTE 17C OVER OWEGO CREEK | 13827 | FINDS |
| OWEGO | 1007743610 | TL 114B TELEPHONE CABLEUNDER OWEGO | ROUTE 38 | 13827 | FINDS |
| OWEGO | 1007750871 | WATER PIPELINE - OWEGO CK | GLENMARY DRIVE, OWEGO CREEK | 13827 | FINDS |
| OWEGO | 1007759353 | LOCKHEED MARTIN - IBM OWEGO | ST RTE 17C | 13827 | FINDS |
| OWEGO | 1007767152 | TOWN OF OWEGO GRAVEL PIT | OWEGO-GRAVEL PIT ROAD, OFF ROU | 13827 | FINDS |
| OWEGO | 1007767155 | OWEGO MS4 STORM SEWERS | TOWN-WIDE | 13827 | FINDS |
| OWEGO | 1007784607 | C & C READY MIX OWEGO PLANT | ROUTE 17C | 13827 | FINDS |
| OWEGO | 1007792884 | OWEGO WTP LAND SPREADING FACILITIE | SOUTH APALACHIN ROAD | 13827 | FINDS |
| OWEGO | 1007803329 | OWEGO & HARFORD RAILROAD | 2 MI WEST OF OWEGO, NORTH 26 M | 13827 | FINDS |
| OWEGO | 1009225438 | NYSDEC REGION 7 | ROUTE 38 | 13827 | MANIFEST |
| OWEGO | 1014948067 | LOCKHEED MARTIN - FORMER IBM OWEGO | STATE RTE 17C | 13827 | ENG CONTROLS |
| OWEGO | A100298636 | E E ROOT & SONS INC | ROUTE 96 | 13827 | AST |
| OWEGO | S100127676 | E. E. ROOT & SONS INC. | ROUTE 96S | | LTANKS,HIST LTANKS |
| OWEGO | S102123642 | NYS DOT - ROUTE 38 | ROUTE 38 | | SPILLS,HIST SPILLS |
| OWEGO | S102243635 | BOB HARVEY | 4497 ROUTE 17C | | SPILLS,HIST SPILLS |
| OWEGO | S105114316 | INTERNATIONAL BUSINESS MACHINES (I | ROUTE 17C | | HWS,VAPOR REOPENED |
| OWEGO | S107408797 | ROADWAY - RT 96 & 38 | ROUTE 96/ ROUTE 38 | | SPILLS |
| OWEGO | S107521642 | OWEGO CREEK | ROUTE 17C | | SPILLS |
| OWEGO | S108980938 | PRIVATE RESIDENCE | 125 ROUTE 96 | | SPILLS |
| OWEGO | S109321337 | HARVARD CUSTOM MFG | ROUTE 38N | 13827 | MANIFEST |
| OWEGO | S111238858 | PRIVATE RESD | 2292 RTE 17C | | SPILLS |
| OSWEGO | S111437602 | USEPA - TROPICAL STORM LEE FLOODIN | 1307 ROUTE 38 | 13827 | MANIFEST |
| OWEGO | S111456898 | UPSTATE SHREDDING | RTE 38 | | SPILLS |
| OWEGO | S112148010 | ROADWAY | RTE 38 (BETW FOX ST & GEORGE S | | SPILLS |
| OWEGO | U000386923 | E E ROOT & SONS INC | ROUTE 96 | 13827 | UST,HIST UST |
| OWEGO | U001848544 | VILLAGE OF OWEGO-WASTEWATER PLANT | ROUTE 283 BOX 1 | 13827 | UST,HIST UST |

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

Federal NPL site list

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: 06/07/2012 | Source: EPA |
| Date Data Arrived at EDR: 07/05/2012 | Telephone: N/A |
| Date Made Active in Reports: 09/18/2012 | Last EDR Contact: 10/11/2012 |
| Number of Days to Update: 75 | Next Scheduled EDR Contact: 01/21/2013 |
| | 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: 06/07/2012 | Source: EPA |
| Date Data Arrived at EDR: 07/05/2012 | Telephone: N/A |
| Date Made Active in Reports: 09/18/2012 | Last EDR Contact: 10/11/2012 |
| Number of Days to Update: 75 | Next Scheduled EDR Contact: 01/21/2013 |
| | 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.

| | |
|---|---|
| Date of Government Version: 10/15/1991 | Source: EPA |
| Date Data Arrived at EDR: 02/02/1994 | Telephone: 202-564-4267 |
| Date Made Active in Reports: 03/30/1994 | Last EDR Contact: 08/15/2011 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 11/28/2011 |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

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: 06/07/2012 | Source: EPA |
| Date Data Arrived at EDR: 07/05/2012 | Telephone: N/A |
| Date Made Active in Reports: 09/18/2012 | Last EDR Contact: 10/11/2012 |
| Number of Days to Update: 75 | Next Scheduled EDR Contact: 01/21/2013 |
| | Data Release Frequency: Quarterly |

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

| | |
|---|--|
| Date of Government Version: 12/27/2011 | Source: EPA |
| Date Data Arrived at EDR: 02/27/2012 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 03/12/2012 | Last EDR Contact: 10/18/2012 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 12/10/2012 |
| | Data Release Frequency: Quarterly |

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: 12/10/2010 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/11/2011 | Telephone: 703-603-8704 |
| Date Made Active in Reports: 02/16/2011 | Last EDR Contact: 10/09/2012 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 01/21/2013 |
| | Data Release Frequency: Varies |

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

| | |
|---|--|
| Date of Government Version: 12/28/2011 | Source: EPA |
| Date Data Arrived at EDR: 02/27/2012 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 03/12/2012 | Last EDR Contact: 10/18/2012 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 12/10/2012 |
| | Data Release Frequency: Quarterly |

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| | |
|---|--|
| Date of Government Version: 08/19/2011 | Source: EPA |
| Date Data Arrived at EDR: 08/31/2011 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 11/12/2012 |
| Number of Days to Update: 132 | Next Scheduled EDR Contact: 02/25/2013 |
| | Data Release Frequency: Quarterly |

Federal RCRA non-CORRACTS TSD facilities list

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: 03/15/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 04/04/2012 | Telephone: (212) 637-3660 |
| Date Made Active in Reports: 05/15/2012 | Last EDR Contact: 10/04/2012 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 01/14/2013 |
| | Data Release Frequency: Quarterly |

Federal RCRA generators list

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: 03/15/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 04/04/2012 | Telephone: (212) 637-3660 |
| Date Made Active in Reports: 05/15/2012 | Last EDR Contact: 10/04/2012 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 01/14/2013 |
| | Data Release Frequency: Quarterly |

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: 03/15/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 04/04/2012 | Telephone: (212) 637-3660 |
| Date Made Active in Reports: 05/15/2012 | Last EDR Contact: 10/04/2012 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 01/14/2013 |
| | Data Release Frequency: Quarterly |

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

| | |
|---|---|
| Date of Government Version: 03/15/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 04/04/2012 | Telephone: (212) 637-3660 |
| Date Made Active in Reports: 05/15/2012 | Last EDR Contact: 10/04/2012 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 01/14/2013 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 07/18/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/24/2012 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 11/05/2012 |
| Number of Days to Update: 104 | Next Scheduled EDR Contact: 12/24/2012 |
| | Data Release Frequency: Varies |

US INST CONTROL: Sites with Institutional Controls

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: 07/18/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/24/2012 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 11/05/2012 |
| Number of Days to Update: 104 | Next Scheduled EDR Contact: 12/24/2012 |
| | Data Release Frequency: Varies |

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: 12/09/2005 | Source: Department of the Navy |
| Date Data Arrived at EDR: 12/11/2006 | Telephone: 843-820-7326 |
| Date Made Active in Reports: 01/11/2007 | Last EDR Contact: 11/15/2012 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Varies |

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: 04/02/2012 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 04/03/2012 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 06/14/2012 | Last EDR Contact: 10/02/2012 |
| Number of Days to Update: 72 | Next Scheduled EDR Contact: 01/14/2013 |
| | Data Release Frequency: Annually |

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

| | |
|---|--|
| Date of Government Version: 10/03/2012 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 10/04/2012 | Telephone: 518-402-9622 |
| Date Made Active in Reports: 11/09/2012 | Last EDR Contact: 11/20/2012 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

| | |
|---|--|
| Date of Government Version: 05/01/2012 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 05/23/2012 | Telephone: 518-402-9814 |
| Date Made Active in Reports: 07/03/2012 | Last EDR Contact: 08/24/2012 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 12/03/2012 |
| | Data Release Frequency: Varies |

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

| | |
|---|--|
| Date of Government Version: 10/10/2012 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 10/11/2012 | Telephone: 518-457-2051 |
| Date Made Active in Reports: 11/09/2012 | Last EDR Contact: 10/04/2012 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 01/21/2013 |
| | Data Release Frequency: Semi-Annually |

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

| | |
|---|--|
| Date of Government Version: 08/20/2012 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 08/23/2012 | Telephone: 518-402-9549 |
| Date Made Active in Reports: 10/05/2012 | Last EDR Contact: 11/20/2012 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Varies |

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

| | |
|---|--|
| Date of Government Version: 01/01/2002 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 07/08/2005 | Telephone: 518-402-9549 |
| Date Made Active in Reports: 07/14/2005 | Last EDR Contact: 07/07/2005 |
| Number of Days to Update: 6 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

| | |
|---|--|
| Date of Government Version: 12/14/2011 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 12/15/2011 | Telephone: 404-562-8677 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Semi-Annually |

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: 09/12/2011 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 09/13/2011 | Telephone: 214-665-6597 |
| Date Made Active in Reports: 11/11/2011 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 59 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 04/12/2012 | Source: EPA Region 1 |
| Date Data Arrived at EDR: 05/09/2012 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 07/10/2012 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 08/17/2012 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 09/06/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/07/2012 | Telephone: 415-972-3372 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Quarterly |

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

| | |
|---|--|
| Date of Government Version: 08/01/2012 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 08/02/2012 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 10/30/2012 |
| Number of Days to Update: 75 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Quarterly |

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: 08/27/2012 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 303-312-6271 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Quarterly |

State and tribal registered storage tank lists

TANKS: Storage Tank Facility Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/08/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/08/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

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: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
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)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/17/2012 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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).

| | |
|---|--|
| Date of Government Version: 08/27/2012 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 303-312-6137 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Quarterly |

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: 08/01/2012 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 08/02/2012 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 75 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Quarterly |

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: 09/06/2012 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 09/07/2012 | Telephone: 415-972-3368 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Quarterly |

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

| | |
|---|--|
| Date of Government Version: 01/01/2010 | Source: FEMA |
| Date Data Arrived at EDR: 02/16/2010 | Telephone: 202-646-5797 |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 10/15/2012 |
| Number of Days to Update: 55 | Next Scheduled EDR Contact: 01/28/2013 |
| | Data Release Frequency: Varies |

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

| | |
|---|--|
| Date of Government Version: 10/03/2012 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 10/04/2012 | Telephone: 518-402-9553 |
| Date Made Active in Reports: 11/09/2012 | Last EDR Contact: 11/20/2012 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

| | |
|---|--|
| Date of Government Version: 10/03/2012 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 10/04/2012 | Telephone: 518-402-9553 |
| Date Made Active in Reports: 11/09/2012 | Last EDR Contact: 11/20/2012 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Quarterly |

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

| | |
|---|---|
| Date of Government Version: 11/18/2010 | Source: NYC Department of City Planning |
| Date Data Arrived at EDR: 12/23/2010 | Telephone: 212-720-3401 |
| Date Made Active in Reports: 02/11/2011 | Last EDR Contact: 09/28/2012 |
| Number of Days to Update: 50 | Next Scheduled EDR Contact: 01/07/2013 |
| | Data Release Frequency: No Update Planned |

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

| | |
|---|--|
| Date of Government Version: 10/03/2012 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 10/04/2012 | Telephone: 518-402-9711 |
| Date Made Active in Reports: 11/09/2012 | Last EDR Contact: 11/20/2012 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Semi-Annually |

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: 09/28/2012 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 10/02/2012 | Telephone: 617-918-1102 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 10/02/2012 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 01/14/2013 |
| | Data Release Frequency: Varies |

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 | Source: EPA, Region 7 |
| Date Data Arrived at EDR: 04/22/2008 | Telephone: 913-551-7365 |
| Date Made Active in Reports: 05/19/2008 | Last EDR Contact: 04/20/2009 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 07/20/2009 |
| | Data Release Frequency: Varies |

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

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: 10/24/2012
Date Data Arrived at EDR: 10/26/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

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

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 10/26/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 10/10/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Semi-Annually

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: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register

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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

| | |
|---|--|
| Date of Government Version: 01/01/2002 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 06/02/2006 | Telephone: 518-402-9549 |
| Date Made Active in Reports: 07/20/2006 | Last EDR Contact: 10/23/2006 |
| Number of Days to Update: 48 | Next Scheduled EDR Contact: 01/22/2007 |
| | Data Release Frequency: Varies |

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

| | |
|---|--|
| Date of Government Version: 01/01/2002 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 06/02/2006 | Telephone: 518-402-9549 |
| Date Made Active in Reports: 07/20/2006 | Last EDR Contact: 10/23/2006 |
| Number of Days to Update: 48 | Next Scheduled EDR Contact: 01/22/2007 |
| | Data Release Frequency: No Update Planned |

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: 02/16/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/26/2012 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 06/14/2012 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 80 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Varies |

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

| | |
|---|---|
| Date of Government Version: 08/08/2012 | Source: Office of the State Comptroller |
| Date Data Arrived at EDR: 08/14/2012 | Telephone: 518-474-9034 |
| Date Made Active in Reports: 10/03/2012 | Last EDR Contact: 11/12/2012 |
| Number of Days to Update: 50 | Next Scheduled EDR Contact: 02/25/2013 |
| | 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: 04/01/2012 | Source: U.S. Department of Transportation |
| Date Data Arrived at EDR: 04/03/2012 | Telephone: 202-366-4555 |
| Date Made Active in Reports: 06/14/2012 | Last EDR Contact: 10/02/2012 |
| Number of Days to Update: 72 | Next Scheduled EDR Contact: 01/14/2013 |
| | Data Release Frequency: Annually |

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 10/05/2012
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/2012 | Source: Department of Justice, Consent Decree Library |
| Date Data Arrived at EDR: 07/24/2012 | Telephone: Varies |
| Date Made Active in Reports: 09/18/2012 | Last EDR Contact: 10/01/2012 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 01/14/2013 |
| | Data Release Frequency: Varies |

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: 02/27/2012 | Source: EPA |
| Date Data Arrived at EDR: 03/14/2012 | Telephone: 703-416-0223 |
| Date Made Active in Reports: 06/14/2012 | Last EDR Contact: 09/12/2012 |
| Number of Days to Update: 92 | Next Scheduled EDR Contact: 12/24/2012 |
| | Data Release Frequency: Annually |

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: 09/14/2010 | Source: Department of Energy |
| Date Data Arrived at EDR: 10/07/2011 | Telephone: 505-845-0011 |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 08/28/2012 |
| Number of Days to Update: 146 | Next Scheduled EDR Contact: 12/10/2012 |
| | Data Release Frequency: Varies |

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: 08/18/2011 | Source: Department of Labor, Mine Safety and Health Administration |
| Date Data Arrived at EDR: 09/08/2011 | Telephone: 303-231-5959 |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 09/04/2012 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 12/17/2012 |
| | Data Release Frequency: Semi-Annually |

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: 12/31/2009 | Source: EPA |
| Date Data Arrived at EDR: 09/01/2011 | Telephone: 202-566-0250 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 09/20/2012 |
| Number of Days to Update: 131 | Next Scheduled EDR Contact: 12/10/2012 |
| | Data Release Frequency: Annually |

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: 12/31/2006 | Source: EPA |
| Date Data Arrived at EDR: 09/29/2010 | Telephone: 202-260-5521 |
| Date Made Active in Reports: 12/02/2010 | Last EDR Contact: 06/29/2012 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/07/2013 |
| | Data Release Frequency: Every 4 Years |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/26/2012 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 03/11/2013 |
| | Data Release Frequency: Quarterly |

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: 11/26/2012 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 03/11/2013 |
| | 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 |

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: 12/31/2009 | Source: EPA |
| Date Data Arrived at EDR: 12/10/2010 | Telephone: 202-564-4203 |
| Date Made Active in Reports: 02/25/2011 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 77 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/20/2011 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/10/2011 | Telephone: 202-564-5088 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 10/19/2012 |
| Number of Days to Update: 61 | Next Scheduled EDR Contact: 01/28/2013 |
| | Data Release Frequency: Quarterly |

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: 11/01/2010 | Source: EPA |
| Date Data Arrived at EDR: 11/10/2010 | Telephone: 202-566-0500 |
| Date Made Active in Reports: 02/16/2011 | Last EDR Contact: 10/19/2012 |
| Number of Days to Update: 98 | Next Scheduled EDR Contact: 01/28/2013 |
| | Data Release Frequency: Annually |

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: 06/21/2011 | Source: Nuclear Regulatory Commission |
| Date Data Arrived at EDR: 07/15/2011 | Telephone: 301-415-7169 |
| Date Made Active in Reports: 09/13/2011 | Last EDR Contact: 09/05/2012 |
| Number of Days to Update: 60 | Next Scheduled EDR Contact: 12/24/2012 |
| | Data Release Frequency: Quarterly |

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: 10/02/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/02/2012 | Telephone: 202-343-9775 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 10/02/2012 |
| Number of Days to Update: 34 | Next Scheduled EDR Contact: 01/21/2013 |
| | 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: 10/23/2011 | Source: EPA |
| Date Data Arrived at EDR: 12/13/2011 | Telephone: (212) 637-3000 |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 09/11/2012 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 12/24/2012 |
| | Data Release Frequency: Quarterly |

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/31/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 09/07/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

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: 08/01/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 55

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 06/20/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 10/23/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 62

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 8

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 10/29/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/05/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 10/10/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/31/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/13/2012 | Telephone: 617-520-3000 |
| Date Made Active in Reports: 09/18/2012 | Last EDR Contact: 11/12/2012 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 02/25/2013 |
| | Data Release Frequency: Quarterly |

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

| | |
|---|--|
| Date of Government Version: 10/01/2012 | Source: EPA |
| Date Data Arrived at EDR: 10/04/2012 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 10/04/2012 |
| Number of Days to Update: 32 | Next Scheduled EDR Contact: 01/14/2013 |
| | 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: 11/11/2011 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 05/18/2012 | Telephone: 703-308-4044 |
| Date Made Active in Reports: 05/25/2012 | Last EDR Contact: 08/16/2012 |
| Number of Days to Update: 7 | Next Scheduled EDR Contact: 11/26/2012 |
| | Data Release Frequency: Varies |

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: 08/20/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 202-566-1917 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 11/16/2012 |
| Number of Days to Update: 69 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Quarterly |

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 22

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/07/8062
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 22

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/07/8062
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 33

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 33

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 08/16/2012
Date Data Arrived at EDR: 08/16/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 49

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

| | |
|---|---|
| Date of Government Version: 08/16/2012 | Source: Westchester County Department of Health |
| Date Data Arrived at EDR: 08/16/2012 | Telephone: 914-813-5161 |
| Date Made Active in Reports: 10/04/2012 | Last EDR Contact: 11/05/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/18/2013 |
| | 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: 08/20/2012 | Source: Department of Energy & Environmental Protection |
| Date Data Arrived at EDR: 08/20/2012 | Telephone: 860-424-3375 |
| Date Made Active in Reports: 09/20/2012 | Last EDR Contact: 11/19/2012 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Annually |

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

| | |
|---|--|
| Date of Government Version: 12/31/2011 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 07/19/2012 | Telephone: N/A |
| Date Made Active in Reports: 08/28/2012 | Last EDR Contact: 10/16/2012 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 01/28/2013 |
| | Data Release Frequency: Annually |

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

| | |
|---|--|
| Date of Government Version: 12/31/2011 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 07/23/2012 | Telephone: 717-783-8990 |
| Date Made Active in Reports: 09/18/2012 | Last EDR Contact: 10/22/2012 |
| Number of Days to Update: 57 | Next Scheduled EDR Contact: 02/04/2013 |
| | Data Release Frequency: Annually |

RI MANIFEST: Manifest information

Hazardous waste manifest information

| | |
|---|--|
| Date of Government Version: 12/31/2011 | Source: Department of Environmental Management |
| Date Data Arrived at EDR: 06/22/2012 | Telephone: 401-222-2797 |
| Date Made Active in Reports: 07/31/2012 | Last EDR Contact: 11/26/2012 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: 03/11/2013 |
| | Data Release Frequency: Annually |

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

| | |
|---|--|
| Date of Government Version: 08/09/2012 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 08/15/2012 | Telephone: 802-241-3443 |
| Date Made Active in Reports: 09/13/2012 | Last EDR Contact: 10/22/2012 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 02/04/2013 |
| | Data Release Frequency: Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011

Date Data Arrived at EDR: 07/19/2012

Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/18/2012

Next Scheduled EDR Contact: 12/31/2012

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

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: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OWEGO SCHOOL
1 CHRISTA MCAULIFFE DRIVE
OWEGO, NY 13827

TARGET PROPERTY COORDINATES

| | |
|--------------------------------|--------------------------|
| Latitude (North): | 42.1129 - 42° 6' 46.44" |
| Longitude (West): | 76.2738 - 76° 16' 25.68" |
| Universal Transverse Mercator: | Zone 18 |
| UTM X (Meters): | 394689.8 |
| UTM Y (Meters): | 4662883.0 |
| Elevation: | 813 ft. above sea level |

USGS TOPOGRAPHIC MAP

| | |
|-----------------------|--------------------|
| Target Property Map: | 42076-A3 OWEGO, NY |
| Most Recent Revision: | 1969 |

| | |
|-----------------------|---------------------|
| North Map: | 42076-B3 CANDOR, NY |
| Most Recent Revision: | 1969 |

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 principal 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).

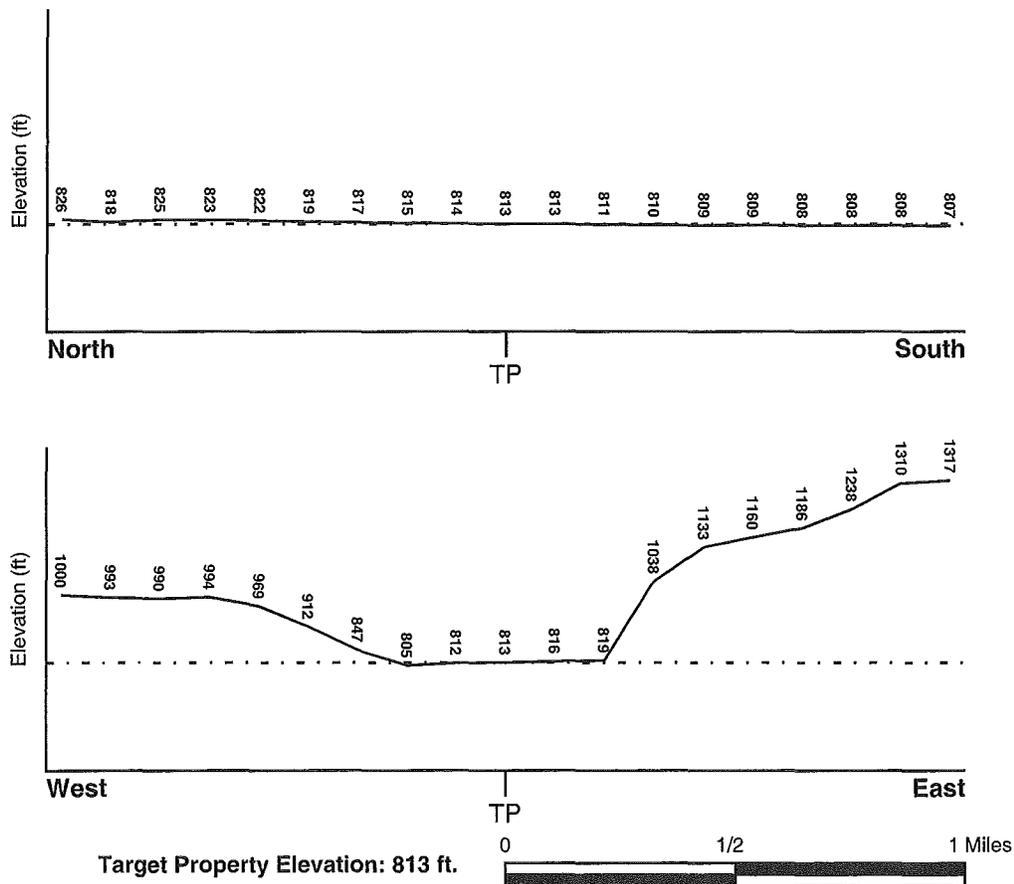
TOPOGRAPHIC INFORMATION

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 WSW

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

Target Property County
TIOGA, NY

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 3608400001B - FEMA Q3 Flood data

Additional Panels in search area:
3608390005C - FEMA Q3 Flood data
3608420009B - FEMA Q3 Flood data
3608390015C - FEMA Q3 Flood data
3608420017B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
OWEGO

NWI Electronic
Data Coverage
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.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

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> |
|---------------|-----------------------------|---|
| Not Reported | | |

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.

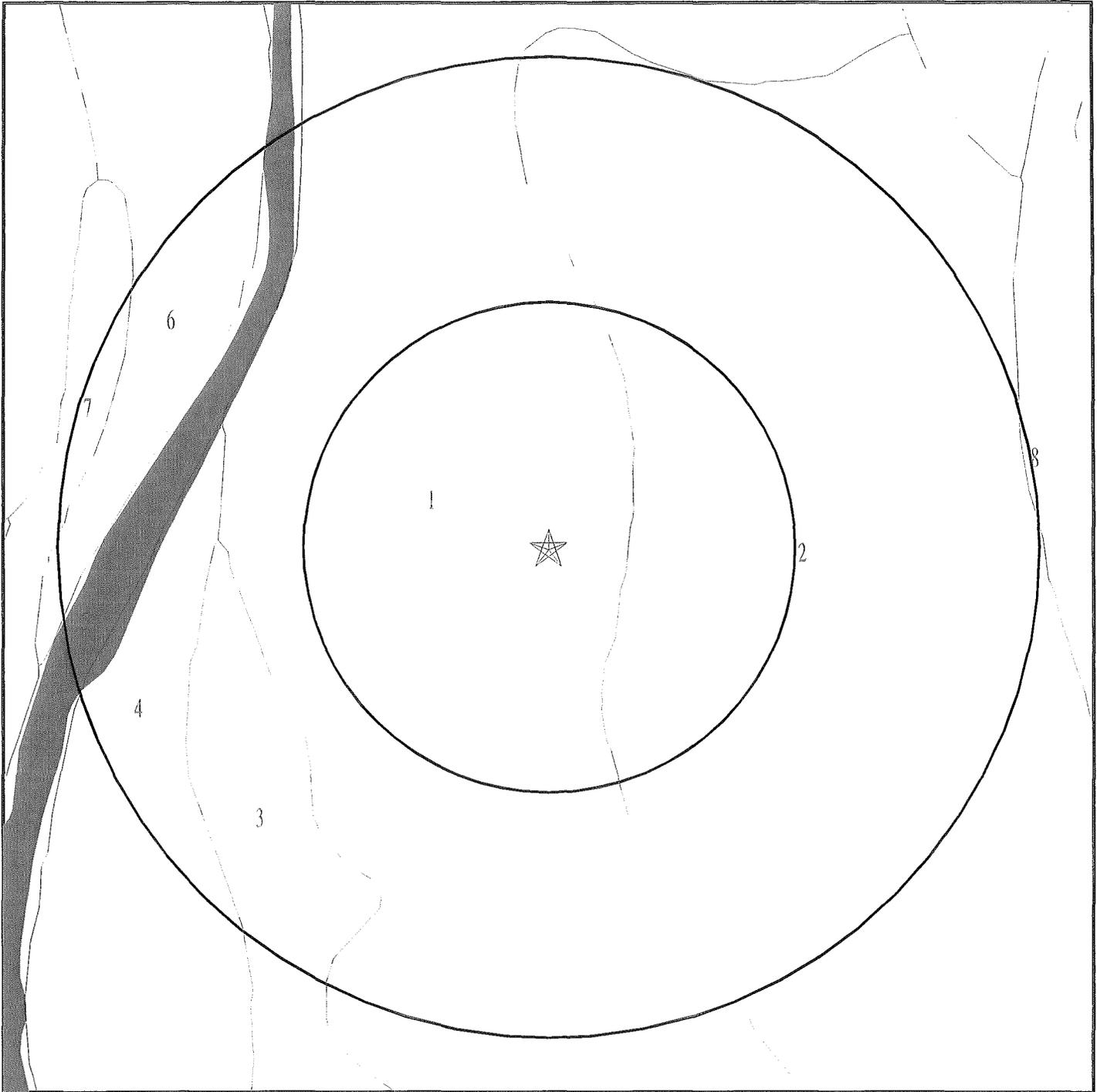
ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

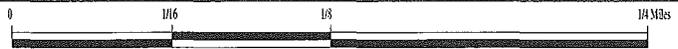
| | | | |
|---------|---|-----------|---------------------|
| Era: | Paleozoic | Category: | Stratified Sequence |
| System: | Devonian | | |
| Series: | Upper Devonian | | |
| Code: | D3 <i>(decoded above as Era, System & Series)</i> | | |

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 - 3461918.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Owego School
ADDRESS: 1 Christa Mcaulliffe Drive
Owego NY 13827
LAT/LONG: 42.1129 / 76.2738

CLIENT: Ecological Analysis LLC
CONTACT: James Bates
INQUIRY #: 3461918.2s
DATE: November 26, 2012 1:23 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: Unadilla

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. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 14 | Max: 7.8 Min: 5.1 |
| 2 | 7 inches | 29 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 14 | Max: 7.8 Min: 5.1 |
| 3 | 29 inches | 59 inches | stratified silt to sand to gravel | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 14 | Max: 7.8 Min: 5.1 |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Howard

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

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 | gravelly silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel | Max: 141 Min: 141 | Max: 8.4 Min: 6.6 |
| 2 | 7 inches | 20 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel | Max: 141 Min: 141 | Max: 8.4 Min: 6.6 |
| 3 | 20 inches | 35 inches | gravelly silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel | Max: 141 Min: 141 | Max: 8.4 Min: 6.6 |
| 4 | 35 inches | 59 inches | stratified silt to sand to gravel | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel | Max: 141 Min: 141 | Max: 8.4 Min: 6.6 |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Tioga

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: > 137 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 | 18 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 4 | Max: 7.8 Min: 5.6 |
| 2 | 18 inches | 35 inches | loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 4 | Max: 7.8 Min: 5.6 |
| 3 | 35 inches | 59 inches | stratified sand to silt to gravel | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 4 | Max: 7.8 Min: 5.6 |

Soil Map ID: 4

Soil Component Name: Middlebury

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: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 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 | 18 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 14 | Max: 7.3 Min: 5.6 |
| 2 | 18 inches | 35 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 14 | Max: 7.3 Min: 5.6 |
| 3 | 35 inches | 59 inches | stratified silt to sand | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 14 | Max: 7.3 Min: 5.6 |

Soil Map ID: 5

Soil Component Name: Water

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:
Hydric Status: Unknown

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: 6

Soil Component Name: Fluvaquents (Alluvial soils)

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: Partially hydric

Corrosion Potential - Uncoated Steel: High

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 | 5 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. | Max: 141 Min: 0.42 | Max: 8.4 Min: 4.5 |
| 2 | 5 inches | 70 inches | very gravelly sand | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. | Max: 141 Min: 0.42 | Max: 8.4 Min: 4.5 |

Soil Map ID: 7

Soil Component Name: Tioga

Soil Surface Texture: stratified sand to silt to gravel

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: > 137 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 | 35 inches | 59 inches | stratified sand to silt to gravel | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42 Min: 4 | Max: 7.3 Min: 5.1 |
| 2 | 0 inches | 18 inches | silt loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42 Min: 4 | Max: 7.3 Min: 5.1 |
| 3 | 18 inches | 35 inches | loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42 Min: 4 | Max: 7.3 Min: 5.1 |

Soil Map ID: 8

Soil Component Name: Lordstown

Soil Surface Texture: flaggy 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: Low

Depth to Bedrock Min: > 91 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 | flaggy silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel | Max: 14 Min: 4 | Max: 6 Min: 5.1 |
| 2 | 29 inches | 33 inches | unweathered bedrock | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel | Max: 14 Min: 4 | Max: 6 Min: 5.1 |
| 3 | 5 inches | 18 inches | flaggy silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel | Max: 14 Min: 4 | Max: 6 Min: 5.1 |
| 4 | 18 inches | 29 inches | very flaggy silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel | Max: 14 Min: 4 | Max: 6 Min: 5.1 |

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> |
|---------------|----------------|-------------------------|
| | | |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-------------|---------------------|
| A1 | USGS2205785 | 0 - 1/8 Mile South |
| A2 | USGS2205780 | 0 - 1/8 Mile South |
| A3 | USGS2205781 | 0 - 1/8 Mile South |
| 7 | USGS2205792 | 1/8 - 1/4 Mile West |
| 8 | USGS2205786 | 1/8 - 1/4 Mile WSW |
| B9 | USGS2205777 | 1/8 - 1/4 Mile WSW |
| B10 | USGS2205782 | 1/4 - 1/2 Mile WSW |
| 11 | USGS2205989 | 1/4 - 1/2 Mile SSW |
| 12 | USGS2205798 | 1/4 - 1/2 Mile NNE |
| B13 | USGS2205783 | 1/4 - 1/2 Mile WSW |
| 14 | USGS2205972 | 1/4 - 1/2 Mile SSE |
| 15 | USGS2205963 | 1/4 - 1/2 Mile SSW |
| 17 | USGS2205949 | 1/2 - 1 Mile SSE |
| 18 | USGS2205922 | 1/2 - 1 Mile South |
| C20 | USGS2205810 | 1/2 - 1 Mile North |
| C21 | USGS2205809 | 1/2 - 1 Mile NNE |
| 22 | USGS2205806 | 1/2 - 1 Mile NNW |
| 24 | USGS2205879 | 1/2 - 1 Mile South |
| D27 | USGS2205825 | 1/2 - 1 Mile North |

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

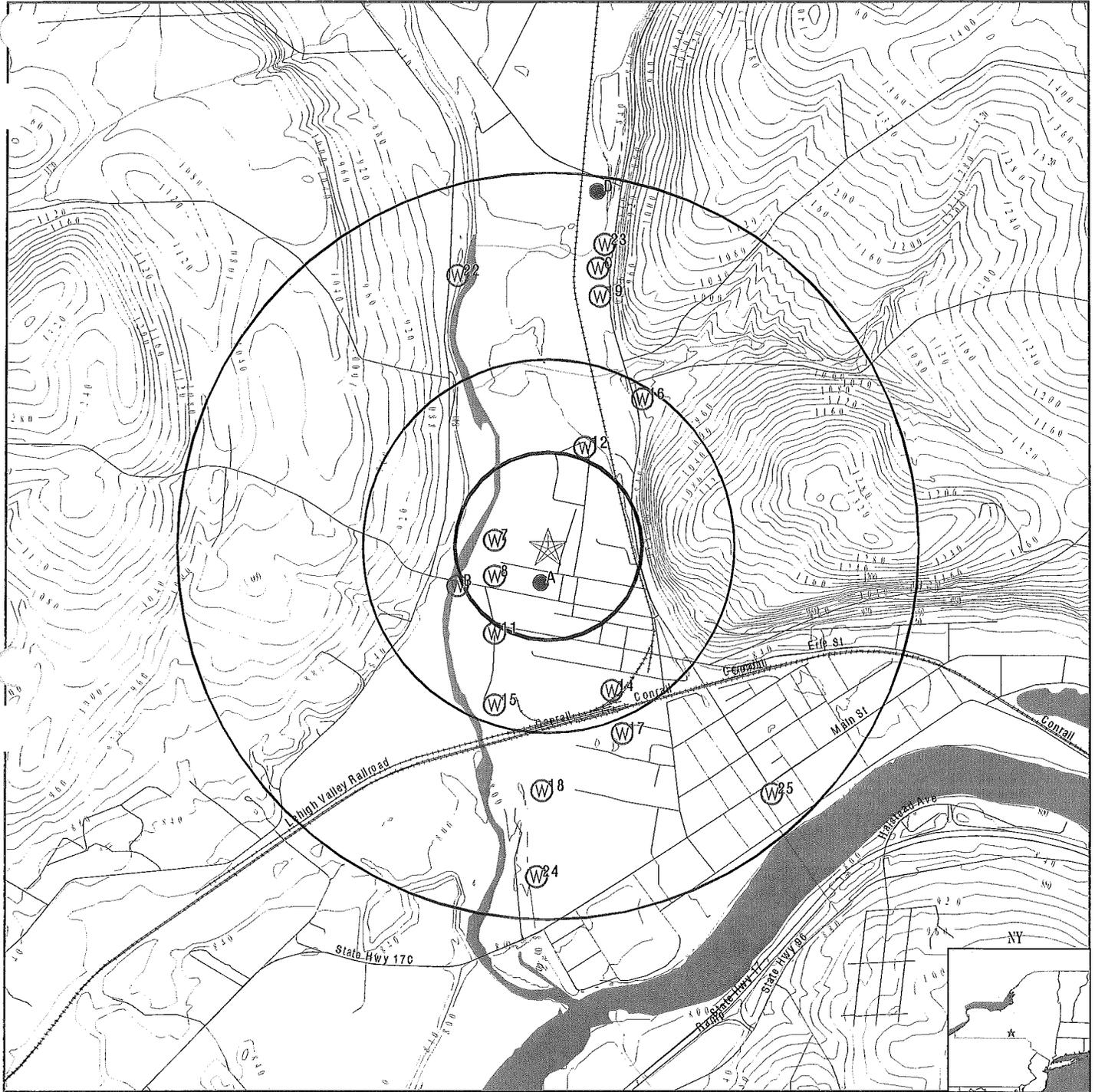
| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-----------|------------------|
| A4 | NY0004409 | 0 - 1/8 Mile SSW |

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|--------|------------|--------------------|
| A5 | NYWS003441 | 0 - 1/8 Mile SSW |
| A6 | NYWS003440 | 0 - 1/8 Mile SSW |
| 16 | NYWS003403 | 1/4 - 1/2 Mile NNE |
| 19 | NYWS003388 | 1/2 - 1 Mile NNE |
| 23 | NYWS003383 | 1/2 - 1 Mile North |
| 25 | NYWS003458 | 1/2 - 1 Mile SE |
| D26 | NYWS003378 | 1/2 - 1 Mile North |

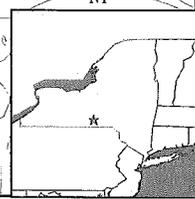
PHYSICAL SETTING SOURCE MAP - 3461918.2s



- County Boundary
- Major Roads
- Contour Lines
- 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
- Closest Hydrogeological Data
- Oil, gas or related wells



| | |
|--|--|
| <p>SITE NAME: Owego School ADDRESS: 1 Christa McAuliffe Drive Owego NY 13827 LAT/LONG: 42.1129 / 76.2738</p> | <p>CLIENT: Ecological Analysis LLC CONTACT: James Bates INQUIRY #: 3461918.2s DATE: November 26, 2012 1:23 pm</p> |
|--|--|

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
South
0 - 1/8 Mile
Higher

FED USGS USGS2205785

| | | | |
|--------------------------------|--|------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420642076162601 |
| Site name: | TI 646 | | |
| Latitude: | 420642 | EDR Site id: | USGS2205785 |
| Longitude: | 0761626 | Dec lat: | 42.11174089 |
| Dec lon: | -76.27354428 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 36 |
| State: | 36 | County: | 107 |
| Country: | US | Land net: | Not Reported |
| Location map: | OWEGO M-15-3 | Map scale: | Not Reported |
| Altitude: | 815.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 5. | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Chenango. New York. Area = 1580 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | 19560101 |
| Date inventoried: | Not Reported | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | QUATERNARY | | |
| Well depth: | 61.0 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin date: | 0000-00-00 |
| Daily flow data count: | 0 | | |
| Peak flow data begin date: | 0000-00-00 | Peak flow data end date: | 0000-00-00 |
| Peak flow data count: | 0 | | |
| Water quality data begin date: | 0000-00-00 | Water quality data end date: | 0000-00-00 |
| Water quality data count: | 0 | | |
| Ground water data begin date: | 1956-08-01 | Ground water data end date: | 1956-08-01 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|
| ----- | | |
| 1956-08-01 | 12.0 | |

A2
South
0 - 1/8 Mile
Higher

FED USGS USGS2205780

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420641076162701 |
| Site name: | TI 647 | EDR Site id: | USGS2205780 |
| Latitude: | 420641 | Dec lat: | 42.11146311 |
| Longitude: | 0761627 | Coor meth: | M |
| Dec lon: | -76.27382207 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | Not Reported |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 815.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 5. | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | 19080101 |
| Date inventoried: | Not Reported | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | QUATERNARY | | |
| Well depth: | 22.0 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin date: | 0000-00-00 |
| Peak flow data begin date: | 0000-00-00 | Daily flow data count: | 0 |
| Peak flow data count: | 0 | Peak flow data end date: | 0000-00-00 |
| Water quality data end date: | 1949-00-00 | Water quality data begin date: | 1949-00-00 |
| Ground water data begin date: | 1949-08-01 | Water quality data count: | 1 |
| Ground water data count: | 1 | Ground water data end date: | 1949-08-01 |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1949-08-01 | 14.0 | |

A3
South
0 - 1/8 Mile
Higher

FED USGS USGS2205781

| | | | |
|--------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420641076162702 |
| Site name: | TI 648 | EDR Site id: | USGS2205781 |
| Latitude: | 420641 | Dec lat: | 42.11146311 |
| Longitude: | 0761627 | Coor meth: | M |
| Dec lon: | -76.27382207 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | Not Reported |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 815.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 5. | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | 19650101 |
| Date inventoried: | Not Reported | Mean greenwich time offset: | EST |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A6
SSW
0 - 1/8 Mile
Higher

NY WELLS NYWS003440

| | | | |
|-----------------|------------------------------|--------------|-------------------|
| Well Id: | NY5304409 | System name: | OWEGO WATER WORKS |
| System Id: | WL001 | Well name: | WELL #1 |
| Type: | Well | Active?: | Active |
| County: | TIOGA COUNTY | Latitude: | 420641 000 |
| Longitude: | 761629 000 | Slec_type_: | AC |
| Agency: | WATKINS, AL | | |
| Address: | AL WATKINS 575 E MAIN STREET | | |
| City/State/Zip: | OWEGO NY 13827 | | |
| Phone: | 607-687-1491 | | |

7
West
1/8 - 1/4 Mile
Lower

FED USGS USGS2205792

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420647076163701 |
| Site name: | TI 782 | EDR Site id: | USGS2205792 |
| Latitude: | 420647 | Dec lat: | 42.11312978 |
| Longitude: | 0761637 | Coor meth: | M |
| Dec lon: | -76.27659995 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 815. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening, New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 33. |
| Source of depth data: | Not Reported | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

| | Database | EDR ID Number |
|--|-----------------|--------------------|
| 8 WSW 1/8 - 1/4 Mile Lower | FED USGS | USGS2205786 |

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420642076163801 |
| Site name: | TI 783 | | |
| Latitude: | 420642 | EDR Site id: | USGS2205786 |
| Longitude: | 0761637 | Dec lat: | 42.11174089 |
| Dec lon: | -76.27659995 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 36 |
| State: | 36 | County: | 107 |
| Country: | US | Land net: | Not Reported |
| Location map: | OWEGO M-15-3 | Map scale: | 24000 |
| Altitude: | 814. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 75. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

| | | |
|---|-----------------|--------------------|
| B9 WSW 1/8 - 1/4 Mile Lower | FED USGS | USGS2205777 |
|---|-----------------|--------------------|

| | | | |
|--------------------|--------------|----------------|-----------------|
| Agency cd: | USGS | Site no: | 420640076164201 |
| Site name: | TI 784 | | |
| Latitude: | 420640 | EDR Site id: | USGS2205777 |
| Longitude: | 0761642 | Dec lat: | 42.11118533 |
| Dec lon: | -76.2779889 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 36 |
| State: | 36 | County: | 107 |
| Country: | US | Land net: | Not Reported |
| Location map: | OWEGO M-15-3 | Map scale: | 24000 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|--------------|
| Altitude: | 815. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening, New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 79. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

B10
WSW
1/4 - 1/2 Mile
Lower

FED USGS USGS2205782

| | | | |
|----------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420641076164401 |
| Site name: | TI 785 | EDR Site id: | USGS2205782 |
| Latitude: | 420641 | Dec lat: | 42.11146311 |
| Longitude: | 0761644 | Coor meth: | M |
| Dec lon: | -76.27854448 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 809. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening, New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 60. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

11
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS2205989

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420634076163701 |
| Site name: | TI 781 | EDR Site id: | USGS2205989 |
| Latitude: | 420634 | Dec lat: | 42.10951867 |
| Longitude: | 0761637 | Coor meth: | M |
| Dec lon: | -76.27659995 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 812. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 45. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | Daily flow data begin date: | Not Reported |
| Peak flow data begin date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data count: | Not Reported | Peak flow data end date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data begin date: | Not Reported |
| Ground water data begin date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data count: | Not Reported | Ground water data end date: | Not Reported |

Ground-water levels, Number of Measurements: 0

12
NNE
1/4 - 1/2 Mile
Higher

FED USGS USGS2205798

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420700076162001 |
| Site name: | TI 787 | | |
| Latitude: | 420700 | EDR Site id: | USGS2205798 |
| Longitude: | 0761620 | Dec lat: | 42.11674088 |
| Dec lon: | -76.27187754 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 36 |
| State: | 36 | County: | 107 |
| Country: | US | Land net: | Not Reported |
| Location map: | OWEGO M-15-3 | Map scale: | 24000 |
| Altitude: | 822. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 51. |
| Source of depth data: | Not Reported | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | Daily flow data begin date: | Not Reported |
| Peak flow data begin date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data count: | Not Reported | Peak flow data end date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data begin date: | Not Reported |
| Ground water data begin date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data count: | Not Reported | Ground water data end date: | Not Reported |

Ground-water levels, Number of Measurements: 0

B13
WSW
1/4 - 1/2 Mile
Lower

FED USGS USGS2205783

| | | | |
|--------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420641076164601 |
| Site name: | TI 786 | | |
| Latitude: | 420641 | EDR Site id: | USGS2205783 |
| Longitude: | 0761646 | Dec lat: | 42.11146311 |
| Dec lon: | -76.27910005 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 36 |
| State: | 36 | County: | 107 |
| Country: | US | Land net: | Not Reported |
| Location map: | OWEGO M-15-3 | Map scale: | 24000 |
| Altitude: | 820. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|------------------------------------|--------------------------------|--------------|
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 59. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

14
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS2205972

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420626076161501 |
| Site name: | TI 645 | EDR Site id: | USGS2205972 |
| Latitude: | 420626 | Dec lat: | 42.10729645 |
| Longitude: | 0761615 | Coor meth: | M |
| Dec lon: | -76.2704886 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | Not Reported |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 810.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 5. | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | 19350101 |
| Date inventoried: | Not Reported | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | QUATERNARY | | |
| Well depth: | 45.0 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | 0 | Daily flow data begin date: | 0000-00-00 |
| Daily flow data end date: | 0000-00-00 | Daily flow data count: | 0 |
| Peak flow data begin date: | 0000-00-00 | Peak flow data end date: | 0000-00-00 |
| Peak flow data count: | 0 | Water quality data begin date: | 0000-00-00 |
| Water quality data end date: | 0000-00-00 | Water quality data count: | 0 |
| Ground water data begin date: | 0000-00-00 | Ground water data end date: | 0000-00-00 |
| Ground water data count: | 0 | | |

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

15
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS2205963

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420624076163701 |
| Site name: | TI 780 | EDR Site id: | USGS2205963 |
| Latitude: | 420624 | Dec lat: | 42.1067409 |
| Longitude: | 0761637 | Coor meth: | M |
| Dec lon: | -76.27659996 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 807. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 54. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

16
NNE
1/4 - 1/2 Mile
Higher

NY WELLS NYWS003403

| | | | |
|-----------------|--------------------------------|--------------|------------------|
| Well Id: | NY5330161 | System name: | KWICK FILL A0050 |
| System Id: | WL001 | Well name: | WELL #1 |
| Type: | Well | Active?: | Active |
| County: | TIOGA COUNTY | Latitude: | 420707.017 |
| Longitude: | 761607.95 | Slec_type_: | AC |
| Agency: | UNITED REFINING CO. OF PA INC. | | |
| Address: | 450 North Ave. | | |
| City/State/Zip: | OWEGO NY 13827 | | |
| Phone: | 607-687-1502 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

17
SSE
1/2 - 1 Mile
Lower

FED USGS USGS2205949

| | | | |
|--------------------------------|--|------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420620076161301 |
| Site name: | TI 644 | EDR Site id: | USGS2205949 |
| Latitude: | 420620 | Dec lat: | 42.10562979 |
| Longitude: | 0761613 | Coor meth: | M |
| Dec lon: | -76.26993302 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | Not Reported |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 808.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 5. | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | 19550101 |
| Date inventoried: | Not Reported | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | QUATERNARY | | |
| Well depth: | 28.0 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin date: | 0000-00-00 |
| Daily flow data count: | 0 | | |
| Peak flow data begin date: | 0000-00-00 | Peak flow data end date: | 0000-00-00 |
| Peak flow data count: | 0 | | |
| Water quality data begin date: | 0000-00-00 | Water quality data end date: | 0000-00-00 |
| Water quality data count: | 0 | | |
| Ground water data begin date: | 1965-06-01 | Ground water data end date: | 1965-06-01 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| | Feet below | Feet to |
|------------|------------|----------|
| Date | Surface | Sealevel |
| ----- | | |
| 1965-06-01 | 13.0 | |

18
South
1/2 - 1 Mile
Lower

FED USGS USGS2205922

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420612076162801 |
| Site name: | TI 779 | EDR Site id: | USGS2205922 |
| Latitude: | 420612 | Dec lat: | 42.10340757 |
| Longitude: | 0761628 | Coor meth: | M |
| Dec lon: | -76.27409986 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 804. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 37. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

19
NNE
1/2 - 1 Mile
Higher

NY WELLS NYWS003388

| | | | |
|-----------------|------------------------|--------------|------------------|
| Well Id: | NY5330157 | System name: | LAWLERS BUSYMART |
| System Id: | WL001 | Well name: | WELL #1 |
| Type: | Well | Active?: | Active |
| County: | TIOGA COUNTY | Latitude: | 420721.36 |
| Longitude: | 761615.9 | Slec_type_: | AC |
| Agency: | KWIATKOWSKI, WESLEY P. | | |
| Address: | 1423 State Rt. 96 | | |
| City/State/Zip: | OWEGO NY 13827 | | |
| Phone: | 607-687-9843 | | |

C20
North
1/2 - 1 Mile
Higher

FED USGS USGS2205810

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420725076161901 |
| Site name: | TI 789 | EDR Site id: | USGS2205810 |
| Latitude: | 420725 | Dec lat: | 42.12368531 |
| Longitude: | 0761619 | Coor meth: | M |
| Dec lon: | -76.27159975 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 834. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 79. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

C21
NNE
1/2 - 1 Mile
Higher

FED USGS USGS2205809

| | | | |
|--------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420725076161601 |
| Site name: | TI 788 | EDR Site id: | USGS2205809 |
| Latitude: | 420725 | Dec lat: | 42.12368531 |
| Longitude: | 0761616 | Coor meth: | M |
| Dec lon: | -76.27076638 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 832. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|------------------------------------|--------------------------------|--------------|
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 36. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

**22
NNW
1/2 - 1 Mile
Higher**

FED USGS USGS2205806

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420724076164401 |
| Site name: | TI 652 | EDR Site id: | USGS2205806 |
| Latitude: | 420724 | Dec lat: | 42.12340753 |
| Longitude: | 0761644 | Coor meth: | M |
| Dec lon: | -76.27854447 | Latlong datum: | NAD27 |
| Coor acor: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | Not Reported |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 860.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 5. | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Alluvial or marine terrace | | |
| Site type: | Ground-water other than Spring | Date construction: | 19450101 |
| Date inventoried: | Not Reported | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | QUATERNARY | | |
| Well depth: | 72.0 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

23
North
 1/2 - 1 Mile
 Higher

NY WELLS NYWS003383

| | | | |
|-----------------|-----------------------------------|--------------|------------|
| Well Id: | NY5330147 | System name: | SHARDS |
| System Id: | WL001 | Well name: | WELL 1 |
| Type: | Well | Active?: | Active |
| County: | TIOGA COUNTY | Latitude: | 420728.596 |
| Longitude: | 761614.98 | Slec_type_: | AC |
| Agency: | ALTMAN, DENNIS | | |
| Address: | 1551 STATE RT 96 1551 STATE RT 96 | | |
| City/State/Zip: | OWEGO NY 13827 | | |
| Phone: | 607-625-3081 | | |

24
South
 1/2 - 1 Mile
 Lower

FED USGS USGS2205879

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420600076162901 |
| Site name: | TI 778 | EDR Site id: | USGS2205879 |
| Latitude: | 420600 | Dec lat: | 42.10007424 |
| Longitude: | 0761629 | Coor meth: | M |
| Dec lon: | -76.27437765 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 36 |
| Dec latlong datum: | NAD83 | County: | 107 |
| State: | 36 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | OWEGO M-15-3 | | |
| Altitude: | 803. | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening, New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19720000 | Mean greenwich time offset: | EST |
| Local standard time flag: | N | | |
| Type of ground water site: | Test hole, not completed as a well | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | 72. |
| Source of depth data: | logs | | |
| Project number: | 443611400 | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

25
SE
1/2 - 1 Mile
Higher

NY WELLS NYWS003458

| | | | |
|-----------------|-------------------------|--------------|--------------------|
| Well Id: | NY5330160 | System name: | THAT SALSA COMPANY |
| System Id: | WL001 | Well name: | WELL #1 |
| Type: | Well | Active?: | Active |
| County: | TIOGA COUNTY | Latitude: | 420611.88 |
| Longitude: | 761543.56 | Slec_type_: | AC |
| Agency: | THAT SALSA COMPANY INC. | | |
| Address: | 225 Thorn Hollow Rd. | | |
| City/State/Zip: | OWEGO NY 13827 | | |
| Phone: | 607-687-8188 | | |

D26
North
1/2 - 1 Mile
Higher

NY WELLS NYWS003378

| | | | |
|-----------------|---------------------|--------------|--------------------|
| Well Id: | NY5330159 | System name: | QUICKWAY #51 OWEGO |
| System Id: | WL001 | Well name: | WELL #1 |
| Type: | Well | Active?: | Active |
| County: | TIOGA COUNTY | Latitude: | 420735.76 |
| Longitude: | 761615.96 | Slec_type_: | AC |
| Agency: | MIRABITO FUEL GROUP | | |
| Address: | 44 Grand Street | | |
| City/State/Zip: | SIDNEY NY 13838 | | |
| Phone: | 607-561-2700 | | |

D27
North
1/2 - 1 Mile
Higher

FED USGS USGS2205825

| | | | |
|--------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 420736076161801 |
| Site name: | TI 650 | EDR Site id: | USGS2205825 |
| Latitude: | 420736 | Dec lat: | 42.12674086 |
| Longitude: | 0761618 | Dec lon: | -76.27132196 |
| Dec lon: | -76.27132196 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 36 |
| State: | 36 | County: | 107 |
| Country: | US | Land net: | Not Reported |
| Location map: | CANDOR M-15-2 | Map scale: | Not Reported |
| Altitude: | 829.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | OwegoWappasening. New York, Pennsylvania. Area = 1040 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | 19660101 |
| Date inventoried: | Not Reported | Mean greenwich time offset: | EST |

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| | | | |
|-------------------------------|--|--------------------------------|--------------|
| Local standard time flag: | N | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | ICE-CONTACT DEPOSITS | | |
| Well depth: | 93.0 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

| County | Town | Num Tests | Avg Result | Geo Mean | Max Result |
|--------|---------------|-----------|------------|----------|------------|
| TIOGA | BARTON | 91 | 13.22 | 8.62 | 56.7 |
| TIOGA | BERKSHIRE | 36 | 10.64 | 6.02 | 58.4 |
| TIOGA | CANDOR | 65 | 16.82 | 8.59 | 142.3 |
| TIOGA | NEWARK VALLEY | 76 | 19.27 | 8.52 | 236.8 |
| TIOGA | NICHOLS | 29 | 12.74 | 6.52 | 74.9 |
| TIOGA | OWEGO | 534 | 7.73 | 3.72 | 154.2 |
| TIOGA | RICHFORD | 10 | 12.62 | 5.91 | 50.3 |
| TIOGA | SPENCER | 38 | 12.15 | 6.05 | 50.7 |
| TIOGA | TIOGA | 26 | 10.27 | 4.61 | 59.5 |

Federal EPA Radon Zone for TIOGA 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.

Federal Area Radon Information for TIOGA COUNTY, NY

Number of sites tested: 84

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|-------------|------------------|------------|--------------|-------------|
| Living Area | 2.130 pCi/L | 71% | 26% | 3% |
| Basement | 4.140 pCi/L | 54% | 38% | 8% |

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Department of Environmental Conservation

Telephone: 518-402-8072

These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

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 IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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