

**Vacant Property  
268 Hurffville-Cross Keys Road  
Sewell, New Jersey**

**Phase I Environmental Site  
Assessment**

**Prepared For:**  
**STORAGE SPECIALISTS, LLC**  
111 N. Jackson Street  
Glendale, California 91206

**LaSalle Bank National Association**  
135 South LaSalle Street, Suite 1225  
Chicago, IL 60603

**Prepared by:**  
**ENSR INTERNATIONAL**  
2005 Cabot Boulevard West, Suite 100  
Langhorne, Pennsylvania 19047

**November 22, 2006**  
**ENSR File Number 08710-132-001**

The following personnel have prepared and/or reviewed this report for accuracy, content, and quality of presentation.



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Donald G. Koch, CPA, CHMM, REA  
Senior Reviewer



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Suzanne J. Christopher  
Reviewer



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Heather Trama  
Report Author

November 22, 2006

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## EXECUTIVE SUMMARY

ENSR was retained to perform a Phase I Environmental Site Assessment (ESA) for Storage Specialists, LLC (Storage Specialists) concerning the vacant property (subject property) located at 268 Hurffville-Cross Keys Road, Sewell, Washington Township, Gloucester County, New Jersey. The subject property is currently a wooded, vacant lot with debris (concrete, tires, wood, etc.) in scattered areas on the property. At this time, there are no utility services provided to the subject property.

The environmental assessment was performed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E 1527-00). This report was prepared for the exclusive use of:

Storage Specialists, LLC  
111 N. Jackson Street, Suite 200  
Glendale, California 91206

Babcock & Brown Storage Specialists Development LLC  
2 Harrison Street, 6<sup>th</sup> Floor  
San Francisco, California 94105

Commercial Real Estate  
LaSalle Bank National Association  
135 S. LaSalle Street, Suite 1225  
Chicago, Illinois 60603

their affiliates and subsidiaries and their successors, assigns and grantees. No other party is entitled to rely on the conclusions, observations, specifications, or data contained therein without the express written consent of ENSR. This report was prepared pursuant to an Agreement between Storage Specialists, LLC and ENSR. All uses of and reliance upon this report are subject to, and deemed acceptance of, the conditions and restrictions contained therein.

This assessment has revealed no evidence of RECs at the subject property.

No non-ASTM areas of concern were identified at the subject property.

## 1.0 INTRODUCTION

### 1.1 SCOPE OF WORK

This report presents the results of a Phase I Environmental Site Assessment (ESA) performed by ENSR at the vacant property (subject property) located at 268 Hurffville-Cross Keys Road, Sewell, Washington Township, Gloucester County, New Jersey. This work was performed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-00).

### 1.2 STUDY LIMITATIONS

#### 1. Scope of Services

The observations and conclusions described in this Report are based solely on the Scope of Services provided pursuant to the Agreement between Client and ENSR and summarized in the introduction of this Report. ENSR has not performed any additional observations, investigations, studies, or testing not specifically stated therein. ENSR shall not be liable for the existence of any condition, the discovery of which required the performance of services not authorized under the Agreement. Unless otherwise specified in the introduction of this Report, ENSR did not evaluate the presence of electromagnetic fields, lead paint, lead or copper in water, radon gas or other radioactive or infectious materials. In addition, due to the dense trees and shrubs on the subject property, and the lack of roads or trails on site, ENSR staff was unable to survey the interior portion of the subject property. Reconnaissance was limited to the perimeter of the property and what could be seen from the perimeter of the property.

#### 2. Time

The passage of time may result in changes in technology, economic conditions, site variations, or regulatory provisions, which would render the Report inaccurate. Accordingly, neither the Client, nor any other party, shall rely on the information or conclusions contained in this Report after six (6) months from its date of submission without the express written consent of ENSR. Reliance on the Report after such period of time shall be at the user's sole risk. Should ENSR be required to review the Report after six (6) months from its date of submission, ENSR shall be entitled to additional compensation at then existing rates or such other terms as may be agreed upon between ENSR and the Client.

### 3. Conclusions

The conclusions stated in this Report are based upon: observations of existing physical and/or economic conditions; our interpretation of site history and site usage information; information provided by the Client; and information and/or analyses provided by independent testing and information services or laboratories upon which ENSR is entitled to reasonably rely. ENSR was not authorized and did not attempt to independently verify the accuracy or completeness of information or materials received from third parties during the performance of its services. ENSR shall not be liable for any conditions, information, or conclusion, the discovery of which required information not available or independent investigation of information provided to ENSR unless otherwise indicated. Any site drawing(s) provided within this Report is not meant to be an accurate base plan, but is used to present the general, relative locations of features on, and surrounding, the site.

## 2.0 PROPERTY DESCRIPTION

### 2.1 SITE LOCATION AND DESCRIPTION

On September 19, 2005, ENSR performed a visual inspection of the subject property located at 268 Hurffville-Cross Keys Road, Sewell, Washington Township, Gloucester County, New Jersey. The subject property is bound to the north by Hurffville-Cross Keys Road, beyond which is Riggins Gas/Webb's Auto Repair and to the northeast by an open field. The subject property is bound to the west by Fries Mill Road, beyond which are Bright Beginnings day care, Echo Dry Cleaners and a commercial strip mall. The Washington Township Fire Department is located to the southwest of the site, beyond Fries Mill Road. The Mill Crossing office complex is located to the northwest of the site, beyond Fries Mill Road. The subject property is bordered on the east by an open/agricultural field, beyond which is a residential development and to the northwest by a Verchio's Deli and Produce Market, beyond which is the intersection of Hurffville-Cross Keys Road and Fries Mill Road. Access to the subject property is available via Hurffville-Cross Keys Road. Figure 1, Site Location Map depicts the subject property location.

According to the Washington Township Tax Assessor's office, the subject property occupies Block 86, Lot 1.02, Plate 14 and is approximately five acres in size. The subject property is currently an undeveloped wooded lot with dense overgrown vegetation and mature trees. There are several waste piles on the subject property that contain concrete, tires, wood debris and other miscellaneous trash. Relevant site photographs are included with this ESA. Figure 2, Site Plan, depicts the subject property boundaries and adjacent properties.

### 2.2 TOPOGRAPHY, GEOLOGY AND HYDROLOGY

According to the U.S. Geological Survey 7.5 Minute Topographic Map, Pitman East Quadrangle (1990), the subject property is approximately 150 feet above mean sea level. The nearest surface water is Scotland Run located approximately 0.8 miles southeast of the subject property.

The following geologic information was presented in the Environmental Data Resources (EDR) database report:

#### Rock Stratigraphic Unit

Era: Cenozoic  
System: Tertiary  
Series: Miocene  
Code: TM (decoded above as Era, System & Series)

#### Geologic Age Identification

Category: Stratified Sequence

### 3.0 HISTORICAL RECORDS REVIEW

ENSR consulted the following historical sources to develop a history of the previous uses or occupancies of the property and surrounding area:

- Building permit records viewed at the Washington Township, Building Department.
- Historical topographical maps dated 1898, 1901, 1946, 1966, 1966 photorevised 1981, 1966 revised 1994, provided by EDR.
- In-house topographical map dated 1990.
- Aerial photograph dated 1995 provided by TerraServer.
- Aerial photograph dated 2002 provided by New Jersey Department of Environmental Protection (NJDEP).
- Historical deeds reviewed at the Washington Township Tax Assessor's Office.
- ENSR had EDR conduct a Sanborn Map Search, Inquiry #01457285.3s. According to EDR there is "No Coverage " for the subject property (Appendix A).
- City Directory Search, provided by EDR (Appendix A)
- ENSR's site assessment.

Based on historical records reviewed, the subject property consisted of undeveloped land, but was used for agricultural purposes from the 1960's to the 1980's. Review of the aerial photographs and historic topographic maps indicate no structures were present on the subject property.

Table 1 summarizes the information pertaining to the historic use of the subject property. Note that some of the permits observed at the building department may not have been executed.

<b>Table 1</b> <b>Chronological Historic Site Use</b> <b>Undeveloped Property</b> <b>268 Hurffville-Cross Keys Road</b> <b>Sewell, New Jersey</b>			
Date(s)	Type of Document	Description	Level of Concern
1898	Historical Topographic Map	The historic topographic map depicted the subject property and surrounding areas as undeveloped land. Hurffville-Cross Keys Road and Fries Mill Road are present.	None
1901	Historic Topographic Map	The historic topographic map depicted the subject property and surrounding areas as undeveloped land.	None
1946	Historic Topographic Map	The historic topographic map depicted the subject property as undeveloped land. Property to the west of the subject property is depicted as developed with one structure.	None
1966	Historic Topographic Map	The historical topographic map depicted the subject property as agricultural land. Property to the immediate west/northwest is shown as developed with two structures. Property to the west of the subject property is depicted with three structures.	None
1981	Historic Topographic Map	The historical topographic map depicted the subject property as agricultural land. Property to the immediate west/northwest is shown as developed with two structures. Property to the west of the subject property is depicted with three structures. Property to the north is depicted as developed with one structure.	None
1993	Historical Deed	Property owned by One Main Properties – Lebanon	None
1994	Historic Topographic Map	The historical topographic map depicted the subject property as undeveloped land. Property to the immediate west/northwest is shown as developed with two structures. Property to the west of the subject property is depicted with a shopping center. Property to the north is depicted as developed with one structure.	None

<b>Table 1            Chronological Historic Site Use            Undeveloped Property            268 Hurffville-Cross Keys Road            Sewell, New Jersey</b>			
<b>Date(s)</b>	<b>Type of Document</b>	<b>Description</b>	<b>Level of Concern</b>
1995	Aerial Photograph	The aerial photograph shows the subject property as undeveloped, wooded land. Verchio's Deli and a residence are immediately adjacent to the subject property to the west/northwest. A service station is located to the north of the site. A shopping center is located to the west of the site. An agricultural field is located to the east of the site.	None
1995	Historical Deed	Property owned by Douglas H & Rebecca Bell	None
2001	Historical Deed	Property owned by Russell Bell	None
2002	Aerial Photograph	The aerial photograph is similar to the 1995 photograph. The residence to the west/northwest is now a parking lot.	None
2004	Historical Deed	Property owned by Gloucester County Federal Savings Bank	None

The subject property address did not appear on the City Directory search. From this, it can be assumed that no buildings have been on subject property. In addition, neither EDR nor the local municipal offices had aerial photographs available for the subject property.

### **3.1 SUMMARY OF PREVIOUS INVESTIGATIONS**

No previous environmental reports were provided for ENSR to review.

## 4.0 REGULATORY AGENCY RECORDS SEARCH

### 4.1 FEDERAL AND STATE AGENCY RECORDS

EDR provided regulatory information for the subject property and surrounding properties using a database search. All database abbreviations are provided in the EDR report (Appendix B). All unplottable sites were researched by ENSR during the site reconnaissance. The EDR database search included the following sites and radii beyond the property line:

#### **Federal ASTM Standard**

NPL	National Priority List	1.0 mile
Proposed NPL	Proposed NPL Sites	1.0 mile
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System	0.5 mile
CERC-NFRAP	CERCLIS No Further Remedial Action Planned	0.25 mile
CORRACTS	Corrective Action Report	1.0 mile
RCRIS-TSD	Resource Conservation and Recovery Information System, Treatment, Storage and Disposal	0.5 mile
RCRIS Generators	RCRA Large and Small Quantity Generators	0.25 mile
ERNS	Emergency Response Notification System	Subject property

#### **State ASTM Standard**

State Haz. Waste	Known Contaminated Sites in NJ	1.0 mile
State Landfill	Solid Waste Facility Directory	0.5 mile
LUST	Leaking Underground Storage Tank	0.5 mile
UST	Underground Storage Tank	0.25 mile
SWRCY	Approved Class B Recycling Facilities	0.5 mile
VCP	Voluntary Cleanup Program Properties	0.5 mile

#### **Federal ASTM Supplemental**

CONSENT	Superfund Consent Decree	1.0 mile
ROD	Records of Decision	1.0 mile
Delisted NPL	Deleted NPL Sites	1.0 mile
FINDS	Facility Index Sites	Subject property

HMIRS	Hazardous Materials Information Reporting System	Subject property
MLTS	Material Licensing Tracking System	Subject property
MINES	Mines Master Index File	0.25 mile
NPL Liens	Federal Superfund Liens	Subject property
PADS	PCB Activity Database	Subject property
DOD	Department of Defense	1.0 mile
FUDS	Formerly Used Defense Sites	1.0 mile
ODI	Open Dump Inventory	0.5 mile
US ENG CONTROLS	Engineering Controls Sites List	0.5 mile
UMTRA	Uranium Mill Tailings Sites	0.5 mile
INDIAN RESERV	Indian Reservations	1.0 mile
RAATS	RCRA Administrative Action Tracking System	Subject property
TRIS	Toxic Release Inventory System	Subject property
TSCA	Toxic Substance Control Act	Subject property
SSTS	Section 7 Tracking System	Subject property
FTTS	Federal Insecticide, fungicide, and rodenticide Act/TSCA Tracking System	Subject property

**State or Local ASTM Supplemental**

NJ Major Facilities	List of Major Facilities	0.5 mile
NJ Spills	Spills	Subject property
NJ Release	Hazardous Materials Incident Database	Subject property
NJ PF	Publicly Funded Cleanups Site Status Report	Subject property
CHROME	Chromate Chemical Production Waste Sites	0.5 mile
NJPDES	NJ Pollutant Discharge Elimination System Dischargers	Subject property
DRYCLEANERS	Drycleaner list	0.25 mile
ENG CONTROLS	Declaration Environmental Restriction/Deed Notice Sites	0.5 mile
HIST LF	Solid Waste Facility Directory	0.5 mile

**EDR Proprietary Historical Databases**

Coal Gas	Coal Gas Sites	1.0 mile
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### **Brownfields Databases**

US BROWNFIELDS	Brownfield sites	0.5 mile
US INST CONTROL	Classification Exception Area Sites	0.5 mile
Brownfields	Brownfields database	0.5 mile
INST CONTROL	Classification Exception Area Sites	0.5 mile
VCP	Voluntary Cleanup Program Properties	0.5 mile

According to the EDR Report, two RCRA small quantity generators were identified within the search radii.

The subject property was not listed in any of the databases searched by EDR.

The following is a summary of sites identified by EDR that are located within one-quarter mile of the subject property beyond which there is a low probability of impact. Information pertaining to the identified sites is provided in the EDR report and is included as Appendix B.

The database identified Echo Dry Cleaners, located at Hurffville-Cross Keys Road, Sewell, as a RCRA small quantity generator site with “no violations found”. The site is not listed on any databases indicating a release or spill to the environment. A search of the “Orphan Summary” list, provided by EDR also showed Echo Dry Cleaners as being on the DRYCLEANERS database.

The database orphan summary identified Webb’s Sunoco, located at 246 Fries Mill Road-Cross Keys Road as a conditionally exempt RCRA small quantity generator facility. No additional information was provided. ENSR obtained an EDR Site Report for this facility which also listed the RCRA generator information. Although this facility was observed to be a gasoline service station, it does not appear on the registered underground storage tank (UST) database. Additionally, this facility is not identified in any contamination related databases contained within the EDR report.

No other adjacent or nearby properties were listed in any of the databases searched by EDR.

### **4.2 MUNICIPAL AND LOCAL AUTHORITIES**

ENSR contacted the Washington Township Building Department. According to Mary Jane at the Building Department, they have no records of any outstanding or historical permits for the subject property on file.

ENSR contacted the Washington Township Zoning Department to determine zoning for the subject property. According to the zoning department, the property is zoned as commercial/industrial.

ENSR reviewed the EDR report to determine the flood zone for the subject property. According to the overview map provided by EDR, the subject property is not located in any federally mapped floodplains. The map EDR reviewed was the Federal Emergency Management Agency (FEMA) Floodplain Panel 3402130008B.

ENSR contacted the Washington Township Fire Prevention Bureau to determine if any records pertaining to USTs, ASTs, hazardous waste generation, spills, or hazardous materials management were available. According to Mr. John Spangler, the Fire Marshall for Washington Township, there are no records of UST, ASTs, hazardous waste generation, spills, or hazardous materials management at the subject property location.

#### **4.3 PROPERTY DISCLOSURE LAW**

The State of New Jersey does not have property disclosure laws that place the burden on the property owner to inform buyers of known environmental problems, with the exception of the Industrial Site Recovery Act (ISRA). The requirements of the ISRA program are directly related to industrial activity that falls within specific Standard Industrial Classifications (SIC) codes. Due to the vacant, undeveloped nature of the subject property and the lack of industrial activity, the ISRA program does not apply at this time.

## **5.0 ON-SITE ENVIRONMENTAL ASSESSMENT**

On September 19, 2005, ENSR representative, Heather Trama performed an environmental site assessment of the subject property, and neighboring properties.

ENSR inspected the subject property, which consisted of undeveloped, wooded land and dense vegetation. Several piles of debris (concrete, tires, wood, etc.) were also noted in scattered areas on the subject property.

### **5.1 UNDERGROUND STORAGE TANKS**

During the site inspection no evidence of current or historical underground storage tanks (USTs) or aboveground storage tanks (ASTs) was observed on the subject property. According to the database reports reviewed by ENSR, there are no known historical or current USTs or ASTs at the subject property. ENSR contacted the Washington Township Fire Prevention Bureau during the course of this Phase I. John Spangler, the Fire Marshall for Washington Township, stated that there were no records of USTs or ASTs on the Subject Property.

### **5.2 ODORS**

No unusual odors were identified during ENSR's site inspection.

### **5.3 POOLS OF LIQUID**

No pools of liquid were identified on the subject property during ENSR's site inspection.

### **5.4 HAZARDOUS MATERIALS**

No hazardous materials were identified on the subject property during ENSR's site inspection.

### **5.5 SOLID (NON-HAZARDOUS) WASTE**

Several piles of debris (concrete, tires, wood, etc.) were noted in scattered areas on the property. The debris was situated on areas of the subject property that area accessible from the adjacent roadway and did not appear to contain hazardous substances or waste.

### **5.6 HAZARDOUS WASTE**

During the site inspection, ENSR did not observe the generation and/or storage of hazardous wastes at the subject property.

## **5.7 PCB-CONTAINING EQUIPMENT**

During the site inspection, ENSR observed several pole-mounted transformers in the vicinity of the subject property. These transformers appeared to be in good condition with no evidence of staining or leaks. ENSR did not inquire as to the ownership or maintenance of the area transformers as they do not service the subject property at this time.

## **5.8 HEATING AND COOLING**

No heating and cooling equipment was observed on the subject property during ENSR's site inspection.

## **5.9 STAINS OR CORROSION**

No stains or corrosion were observed on the subject property during ENSR's site inspection.

## **5.10 WATER AND WASTEWATER/STORMWATER**

No potable water is supplied to the subject property at this time.

No onsite water supply or groundwater monitoring wells were observed on the subject property during the site inspection.

No wastewater is currently generated on the subject property .

Storm water sheet flows in a southerly direction. Storm water discharge appears to flow south towards Scotland Run and is directed to catch basins within the adjacent roadways.

## **5.11 WETLANDS**

The EDR report provides maps based on the U.S. Fish and Wildlife Service National Wetland Inventory (NWI) data. No suspected wetlands were observed on the subject property during the site inspection. A wetlands delineation by a wetland scientist was not conducted as part of this investigation.

Pits, ponds and lagoons were not observed on the subject property at the time of the site inspection.

## **5.12 FLOOD ZONES**

According to the overview map in the EDR Radius Report, the subject property is not located in a federal flood plain. The flood plain panel that EDR based the overview map on was FEMA Floodplain Panel 3402130008B.

## **5.13 LEAD-BASED PAINT**

No buildings were observed on-site at the time of ENSR's site inspection, therefore no sources of lead-based paint were identified.

## **5.14 ASBESTOS**

No sources of asbestos or asbestos containing materials were identified on the subject property during ENSR's site inspection.

## **5.15 RADON**

According to the USEPA, Gloucester County, New Jersey is located within EPA Radon Zone 2, indicating that the average predicted indoor screen level for radon will be between 2.0 picoCuries per Liter (pCi/L) and 4.0 pCi/L. The USEPA Recommended Action Level for radon in residential dwellings is 4.0 pCi/L. The USEPA has not designated a Recommended Action Level for radon in commercial or industrial buildings. In ENSR's opinion, because the subject property is located in Zone 2, is non-residential and does not have any buildings or sub grade structures, radon is not considered a significant concern.

## **5.16 MOLD**

No buildings were observed on-site at the time of ENSR's site inspection; therefore no sources of mold were identified.

## 6.0 REVIEW OF NEARBY/ADJACENT PROPERTIES

The subject property is located south of Hurffville-Cross Keys Road, east of Fries Mills Road, and southeast of the intersection of these two roads. The subject property is located approximately two miles southwest of the Atlantic City Expressway and two miles north of Route 322.

- **North:** The subject property is bordered on the north by Hurffville-Cross Keys Road, beyond which is Riggins Gas Station/Webb's Auto Repair. An open field is located to the northeast of the site, beyond Hurffville-Cross Keys Road.
- **East:** The subject property is bordered on the east by an open field/agriculture beyond which is residential development.
- **South:** The subject property is bordered on the south by undeveloped woods and an open field.
- **West:** The subject property is immediately bordered on the northwest by Verchio's Deli and produce market, beyond which is the intersection of Hurffville-Cross Keys Road and Fries Mill Road and a commercial strip mall. The subject property is bordered on the west by Fries Mill Road, beyond which is Bright Beginnings day care, beyond which is Echo Dry Cleaners and a commercial strip mall.

None of the nearby/adjacent properties were identified on the EDR database search as sites that had been contaminated.

## **7.0 CONCLUSIONS AND RECOMMENDATIONS**

### **7.1 CONCLUSIONS**

ENSR has performed an Environmental Site Assessment of the undeveloped, wooded property located at 268 Hurffville-Cross Keys Road, Sewell, Washington Township, Gloucester County, New Jersey.

This assessment has revealed no evidence of RECs at the subject property.

No non-ASTM areas of concern were identified at the subject property.

### **7.2 RECOMMENDATIONS**

None.

## 8.0 REFERENCES

EDR City Directory Search, Inquiry Number 1514003-7, September 21, 2005 EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460.

EDR Historical Topographic Map Report, United States Geological Survey Topographic Maps, 7.5 minute series, Pitman East, NJ, 1898, 1901, 1946, 1966, 1966 photorevised 1981, 1966 revised 1994. Inquiry Number 1514003.4, September 20, 2005, EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460

EDR Radius Map with GeoCheck, Inquiry Number 1514003.2s, September 19, 2005, EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460.

EDR Sanborn Map Report (no coverage), Inquiry Number 1514003.3, September 19, 2005 EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460.

EDR Site Report, Webb's Sunoco Inc., 246 Fries Mill Road/Cross Keys Road, October 10, 2005, EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460.

Flood Insurance Rate Map, Panel 3402130008B, EDR Radius Map with GeoCheck, Inquiry Number 1514003.2s, September 19, 2005, EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460.

Microsoft.terraserver.com, aerial photograph dated 1995.

Mr. John Spangler, Fire Marshall, Washington Township Fire Protection Bureau, 856-863-4000.

New Jersey Department of Environmental Protection, 401 East State Street, Trenton, New Jersey, aerial photograph dated 2002.

United States Geological Survey, 7.5 Minute Topographic Map, Pitman East Quadrangle (1990), on file at ENSR Langhorne Corporate Service Center.

Washington Township Building Department, 523 Egg Harbor Road, Turnersville, New Jersey, 856-589-0520.

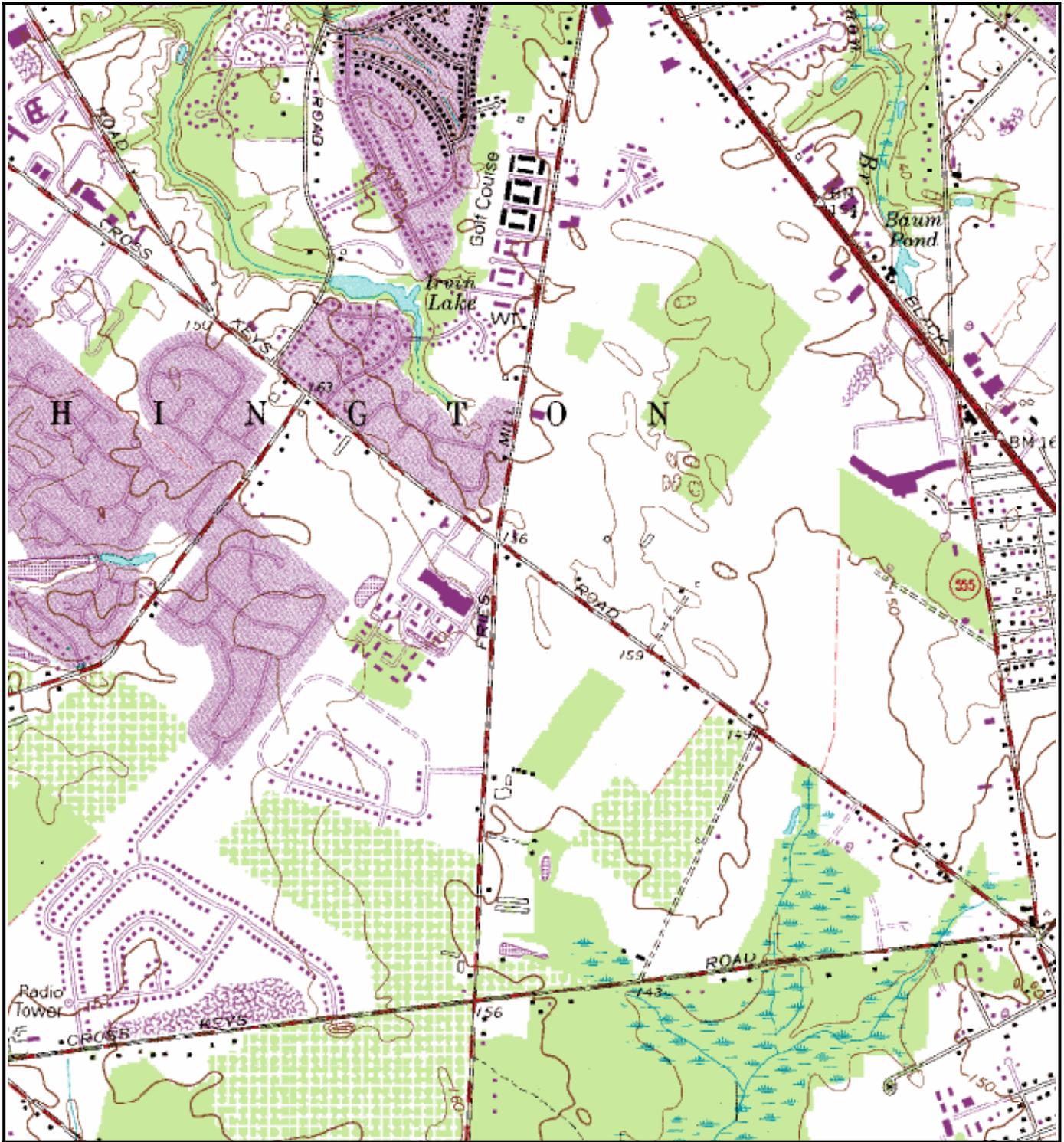
Washington Township Tax Assessor's Office, 523 Egg Harbor Road, Turnersville, New Jersey, 856-589-0520, tax parcel information and historical deeds.

Washington Township Zoning Department, 523 Egg Harbor Road, Turnersville, New Jersey, 856-589-0520.

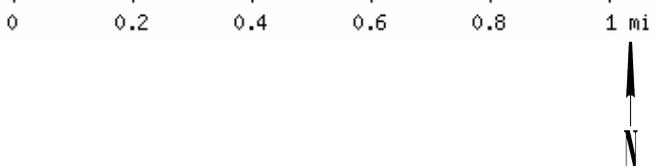
**FIGURES**

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SOURCE: USGS 7½ Minute Topographic Quadrangle, Pitman East, New Jersey 1990



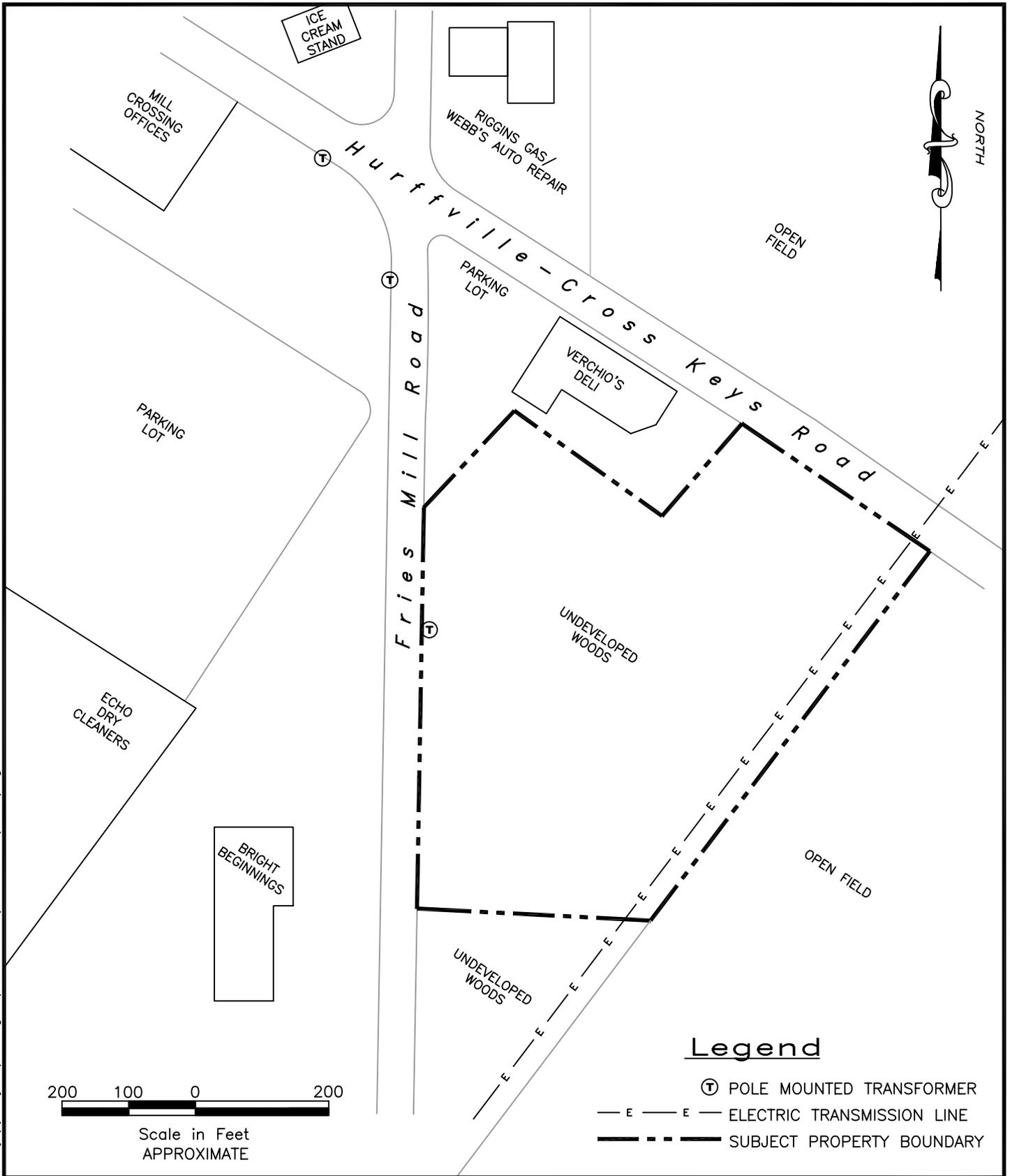
**ENSR**

ENSR Consulting and Engineering

**FIGURE 1**  
**SITE LOCATION MAP**  
 268 Hurffville-Cross Keys Road  
 Sewell, New Jersey

DRAWN: HT	DATE: November 22, 2006	PROJECT NO.:
FILE	CHECKED:	08710-132

Piscataway on '03dcPiscataway(J:\Projects\Storage Specialists LLC\08710-132\Cadd\Fig 2 - Site Plan



2005 CABOT BOULEVARD WEST, SUITE 100  
 LANGHORNE, PENNSYLVANIA 19047  
 PHONE: (215) 757-4900  
 FAX: (215) 757-3904  
 WEB: HTTP://WWW.ENSRI.COM

**SITE PLAN**  
 STORAGE SPECIALISTS  
 268 HURFFVILLE-CROSS KEYS ROAD  
 SEWELL, NEW JERSEY

FIGURE NUMBER:

**2**

DRAWN BY:  
JK

DATE:  
09/23/05

PROJECT NUMBER:  
08710-132

SHEET NUMBER:  
1 of 1

**SITE PHOTOGRAPHS**

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# ENSR

## PHOTOGRAPHIC LOG

<b>Client Name:</b> Storage Specialists		<b>Site Location:</b> 268 Hurffville-Cross Keys Road, Sewell, NJ	<b>Project No.:</b> 08710-132-001
<b>Photo No</b> <b>1</b>	<b>Date:</b> 9/19/05		
<b>Direction Photo Taken:</b> Looking northwest			
<b>Description:</b> View looking down Hurffville-Cross Keys Road where electric transmission line intersects the subject property. Subject property to left of photo.			

<b>Photo No</b> <b>2</b>	<b>Date:</b> 9/19/05		
<b>Direction Photo Taken:</b> Looking northeast			
<b>Description:</b> View from Echo Dry Cleaners parking lot. Subject property is wooded area at right of photo. Verchio's Deli can be seen at center right of photo. Riggins Gas/Webb's Auto Repair can be seen at left of photo.			

# ENSR

## PHOTOGRAPHIC LOG

<b>Client Name:</b> Storage Specialists		<b>Site Location:</b> 268 Hurffville-Cross Keys Road, Sewell, NJ	<b>Project No.:</b> 08710-132-001
<b>Photo No</b> <b>3</b>	<b>Date:</b> 9/19/05		
<b>Direction Photo Taken:</b> Looking southwest			
<b>Description:</b> View of the eastern edge of property showing adjacent open field to east and electric transmission line.			

<b>Photo No</b> <b>4</b>	<b>Date:</b> 9/19/05		
<b>Direction Photo Taken:</b> Looking southeast			
<b>Description:</b> View of northwestern edge of the subject property. Verchio's Deli can be seen at left.			

# ENSR

## PHOTOGRAPHIC LOG

<b>Client Name:</b> Storage Specialists		<b>Site Location:</b> 268 Hurffville-Cross Keys Road, Sewell, NJ	<b>Project No.:</b> 08710-132-001
<b>Photo No</b> 5	<b>Date:</b> 9/19/05		
<b>Direction Photo Taken:</b> Looking southwest			
<b>Description:</b> View of Echo Dry Cleaners located to the west of the subject property.			

<b>Photo No</b> 6	<b>Date:</b> 9/19/05	
<b>Direction Photo Taken:</b> Looking south		
<b>Description:</b> View of subject property showing undeveloped nature of the property.		

**APPENDIX A**

**SANBORN MAP NO COVERAGE LETTER  
CITY DIRECTORY ABSTRACT**

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"Linking Technology with Tradition"®

## Sanborn® Map Report

**Ship To:** Heather Trama  
ENSR Consulting &  
2005 Cabot Boulevard  
Langhorne, PA 19047

**Order Date:** 9/19/2005    **Completion Date:** 9/19/2005  
**Inquiry #:** 1514003.3  
**P.O. #:** NA  
**Site Name:** 268 Hurffville Cross Keys Road

**Customer Project:** 08710-132  
1321011MEN                      215-757-4900

**Address:** 268 Hurffville Cross Keys Road  
**City/State:** Sewell, NJ 08080  
**Cross Streets:**

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

**NO COVERAGE**

---

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.



**EDR**® Environmental  
Data Resources Inc

**The EDR-City Directory**  
*Abstract*

**268 Hurffville Cross Keys Road  
268 Hurffville Cross Keys Road  
Sewell, NJ 08080**

**September 21, 2005**

**Inquiry Number: 1514003-7**

**The Standard  
In Environmental  
Risk Management  
Information**

440 Wheelers Farms Road  
Milford, Connecticut 06460

**Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802

# Environmental Data Resources, Inc.

## City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

### City Directories

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice."* (ASTM E 1527-00, Section 7.3.2.1, page 12.)

### NAICS (North American Industry Classification System) Codes

NAICS is a unique, all-new system for classifying business establishments. Adopted in 1997 to replace the prior Standard Industry Classification (SIC) system, it is the system used by the statistical agencies of the United States. It is the first economic classification system to be constructed based on a single economic concept. To learn more about the background, the development and difference between NAICS and SIC, visit the following Census website: <http://www.census.gov/epcd/www/naicsdev.htm>.

Please call EDR Nationwide Customer Service at  
1-800-352-0050 (8am-8pm EST)  
with questions or comments about your report.  
*Thank you for your business!*

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#### **4. SUMMARY**

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1970 through 2005. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

**Date EDR Searched Historical Sources:**  
 City Directories            Sep 21, 2005

**Target Property:**  
 268 Hurffville Cross Keys Road  
 Sewell, NJ 08080

<u>PUR ID</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
-- 1970	Address not Listed in Research Source	N/A	Cole Criss-Cross Directory
-- 1975	Address not Listed in Research Source	N/A	Cole Criss-Cross Directory
-- 1980	Address not Listed in Research Source	N/A	Cole Criss-Cross Directory
-- 1985	Address not Listed in Research Source	N/A	Cole Criss-Cross Directory
-- 1990	Address not Listed in Research Source	N/A	Cole Criss-Cross Directory
-- 1995	Address not Listed in Research Source	N/A	Cole Criss-Cross Directory
-- 2000	Address not Listed in Research Source	N/A	Cole Criss-Cross Directory
-- 2005	Address not Listed in Research Source	N/A	Cole Criss-Cross Directory

**Adjoining Properties**

**SURROUNDING**  
 Hurffville Crosskeys Road  
 Sewell, NJ 08080

<u>PUR ID</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1970	<b>**Hurffville Crosskeys Road**</b> Residence (180) Residence (218) Residence (224) Residence (269) Residence (272) Residence (312)		Cole Criss-Cross Directory
1975	<b>**Hurffville Crosskeys Road**</b> Residence (180) Residence (218) Residence (224) Residence (269) Residence (272) Residence (312)		Cole Criss-Cross Directory

<b><u>PUR ID</u></b>	<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>NAICS</u></b>	<b><u>Source</u></b>
	1980	<b><u>**Hurffville Crosskeys Road**</u></b> Residence (180) Residence (218) Residence (224) Residence (269) Residence (272) Residence (312)		Cole Criss-Cross Directory
	1985	<b><u>**Hurffville Crosskeys Road**</u></b> Residence (180) Residence (218) Residence (224) Residence (269) Residence (272) Residence (312)		Cole Criss-Cross Directory
	1990	<b><u>**Hurffville Crosskeys Road**</u></b> Residence (180) Residence (218) Residence (224) Residence (269) Residence (272) Residence (312)		Cole Criss-Cross Directory
	1995	<b><u>**Hurffville Crosskeys Road**</u></b> Residence (180) Residence (218) Residence (224) Residence (269) Residence (272) Residence (312)		Cole Criss-Cross Directory
	2000	<b><u>**Hurffville Crosskeys Road**</u></b> Residence (180) Residence (218) Residence (224)		Cole Criss-Cross Directory

**PUR ID**

Year    Uses

NAICS

Source

2000 (continued)

Residence (269)

Residence (272)

Residence (312)

2005

**\*\*Hurffville Crosskeys Road\*\***

Cole Criss-Cross Directory

Residence (180)

Residence (218)

Residence (224)

Residence (269)

Residence (272)

Residence (312)

**APPENDIX B**  
**DATABASE REPORT**

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**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**268 Hurffville Cross Keys Road  
268 Hurffville Cross Keys Road  
Sewell, NJ 08080**

**Inquiry Number: 1514003.2s**

**September 19, 2005**

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06460

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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***Thank you for your business.***  
 Please contact EDR at 1-800-352-0050  
 with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

268 HURFFVILLE CROSS KEYS ROAD  
SEWELL, NJ 08080

#### COORDINATES

Latitude (North):	39.724400 - 39° 43' 27.8"
Longitude (West):	75.050100 - 75° 3' 0.4"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	495706.2
UTM Y (Meters):	4396961.0
State Plane X (Feet):	337404.6
State Plane Y (Feet):	325005.1
Elevation:	155 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	39075-F1 PITMAN EAST, NJ
Source:	USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ( "reasonably ascertainable " ) government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

#### FEDERAL ASTM STANDARD

<b>NPL</b> .....	National Priority List
<b>Proposed NPL</b> .....	Proposed National Priority List Sites
<b>CERCLIS</b> .....	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CERC-NFRAP</b> .....	CERCLIS No Further Remedial Action Planned
<b>CORRACTS</b> .....	Corrective Action Report
<b>RCRA-TSDF</b> .....	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b> .....	Resource Conservation and Recovery Act Information
<b>ERNS</b> .....	Emergency Response Notification System

# EXECUTIVE SUMMARY

## STATE ASTM STANDARD

<b>SHWS</b> .....	Known Contaminated Sites in New Jersey
<b>SWF/LF</b> .....	Solid Waste Facility Directory
<b>LUST</b> .....	Regulated UST Contamination Sites Listing
<b>UST</b> .....	Underground Storage Tank Data
<b>SWRCY</b> .....	Approved Class B Recycling Facilities
<b>VCP</b> .....	Voluntary Cleanup Program Sites

## FEDERAL ASTM SUPPLEMENTAL

<b>CONSENT</b> .....	Superfund (CERCLA) Consent Decrees
<b>ROD</b> .....	Records Of Decision
<b>Delisted NPL</b> .....	National Priority List Deletions
<b>FINDS</b> .....	Facility Index System/Facility Registry System
<b>HMIRS</b> .....	Hazardous Materials Information Reporting System
<b>MLTS</b> .....	Material Licensing Tracking System
<b>MINES</b> .....	Mines Master Index File
<b>NPL Liens</b> .....	Federal Superfund Liens
<b>PADS</b> .....	PCB Activity Database System
<b>DOD</b> .....	Department of Defense Sites
<b>FUDS</b> .....	Formerly Used Defense Sites
<b>ODI</b> .....	Open Dump Inventory
<b>US ENG CONTROLS</b> .....	Engineering Controls Sites List
<b>UMTRA</b> .....	Uranium Mill Tailings Sites
<b>INDIAN RESERV</b> .....	Indian Reservations
<b>RAATS</b> .....	RCRA Administrative Action Tracking System
<b>TRIS</b> .....	Toxic Chemical Release Inventory System
<b>TSCA</b> .....	Toxic Substances Control Act
<b>SSTS</b> .....	Section 7 Tracking Systems
<b>FITTS INSP</b> .....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

## STATE OR LOCAL ASTM SUPPLEMENTAL

<b>NJ MAJOR FACILITIES</b> .....	List of Major Facilities
<b>NJ Spills</b> .....	Spills
<b>NJ Release</b> .....	Hazardous Material Incident Database
<b>NJ PF</b> .....	Publicly Funded Cleanups Site Status Report
<b>CHROME</b> .....	Chromate Chemical Production Waste Sites
<b>NJPDES</b> .....	New Jersey Pollutant Discharge Elimination System Dischargers
<b>DRYCLEANERS</b> .....	Drycleaner List
<b>ENG CONTROLS</b> .....	Declaration Environmental Restriction/Deed Notice Sites
<b>HIST LF</b> .....	Solid Waste Facility Directory

## EDR PROPRIETARY HISTORICAL DATABASES

<b>Coal Gas</b> .....	Former Manufactured Gas (Coal Gas) Sites
-----------------------	--

## BROWNFIELDS DATABASES

<b>US BROWNFIELDS</b> .....	A Listing of Brownfields Sites
-----------------------------	--------------------------------

## EXECUTIVE SUMMARY

**US INST CONTROL** ..... Sites with Institutional Controls  
**Brownfields** ..... Brownfields Database  
**INST CONTROL** ..... Classification Exception Area Sites  
**VCP** ..... Voluntary Cleanup Program Sites

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### FEDERAL ASTM STANDARD

**RCRAInfo:** 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 05/20/2005 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ECHO DRY CLEANERS	HURFFVILLE CROSSKEYS RD	0 - 1/8 W	1	6

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
535 ROUTE 73 NORTH	VCP
395 NORTH TUCKAHOE ROAD	VCP
EGG HARBOR /HURFFVILLE- CROSSKEYS ROADS	VCP
7 HEATHER ROAD	VCP
BLOCK 89 LOT 13	VCP
BLOCK 89 LOTS 2 & 3	VCP
AT WELL HOUSE, ACCROSS FROM BALL FIELD	SWF/LF, NJ Spills
TEXACO SERVICE STATION #100330	UST
WASHINGTON TWP OF 11-12 HIGH SCHOOL	RCRA-SQG, FINDS
MOPPERT BROTHERS OF SOUTH JERSEY INC	RCRA-SQG, FINDS
TEXACO SERVICE STATION	RCRA-SQG, FINDS
WEBBS SUNOCO INC	RCRA-SQG
R & S QUALITY CLEANERS	RCRA-SQG, FINDS
WASHINGTON TWP OF BD OF ED	RCRA-SQG, FINDS
KENNEDY MEMORIAL HOSPITAL - WTD	RCRA-SQG, FINDS
TEXACO SERVICE STATION	RCRA-SQG, FINDS
BETTY BRITE CLEANERS	RCRA-SQG, FINDS
CROSS KEYS TRAILER PARK C-9	NJ Spills
ON SIDE OF ROAD:	NJ Spills
ECHO DRY CLEANERS	DRYCLEANERS

# OVERVIEW MAP - 1514003.2s - ENSR Consulting & Engineering

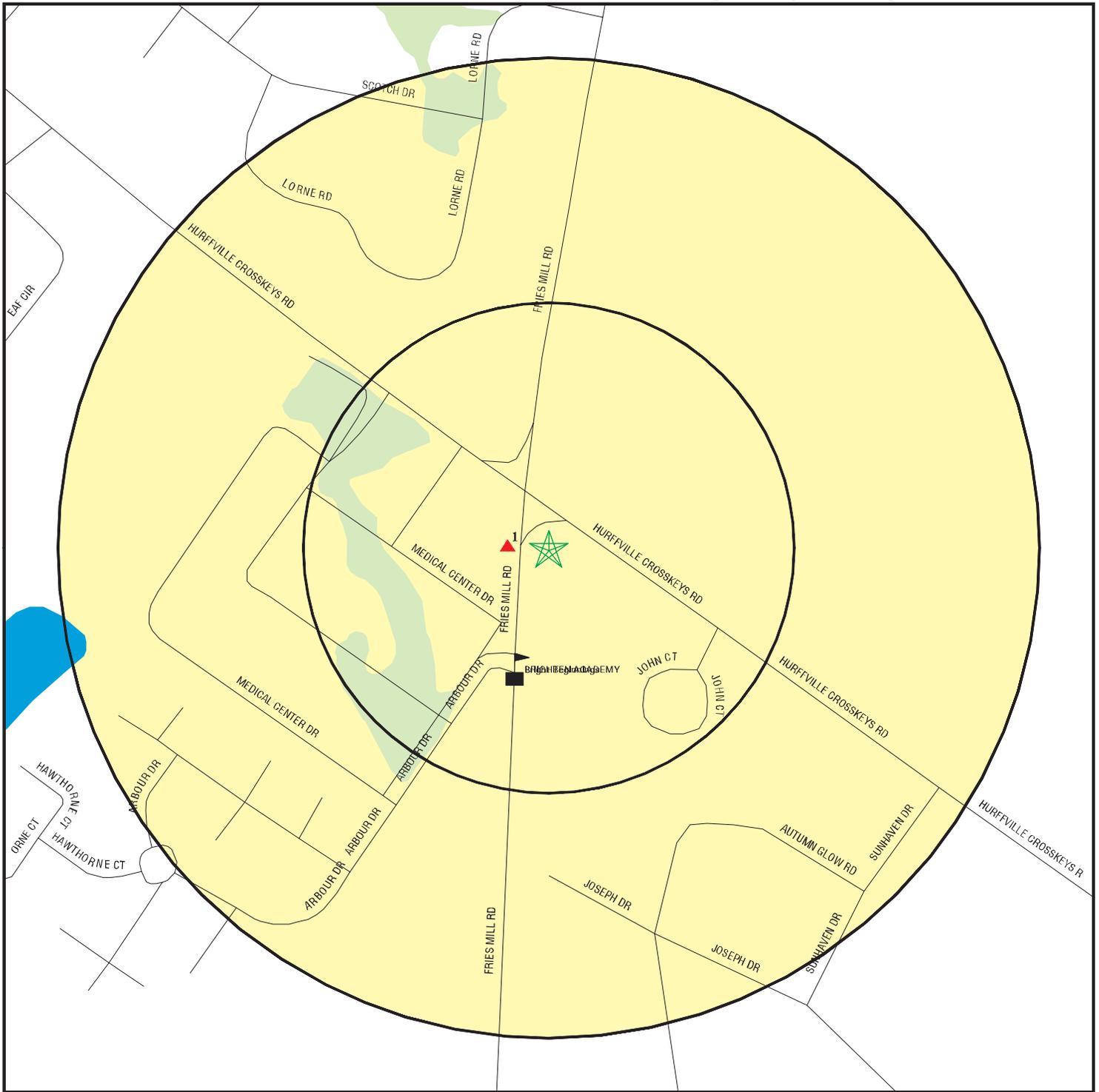


- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- 0 1/4 1/2 1 Miles
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- State Wetlands

<b>TARGET PROPERTY:</b>	268 Hurffville Cross Keys Road	<b>CUSTOMER:</b>	ENSR Consulting & Engineering
<b>ADDRESS:</b>	268 Hurffville Cross Keys Road	<b>CONTACT:</b>	Heather Trama
<b>CITY/STATE/ZIP:</b>	Sewell NJ 08080	<b>INQUIRY #:</b>	1514003.2s
<b>LAT/LONG:</b>	39.7244 / 75.0501	<b>DATE:</b>	September 19, 2005 6:22 pm

# DETAIL MAP - 1514003.2s - ENSR Consulting & Engineering



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Coal Gasification Sites
- ⚡ Sensitive Receptors
- 🚫 National Priority List Sites
- 🚫 Landfill Sites
- 🚫 Dept. Defense Sites

- 🚫 Indian Reservations BIA
- 🚫 Oil & Gas pipelines
- 🚫 100-year flood zone
- 🚫 500-year flood zone
- 🟢 Federal Wetlands
- 🟡 State Wetlands



**TARGET PROPERTY:** 268 Hurffville Cross Keys Road  
**ADDRESS:** 268 Hurffville Cross Keys Road  
**CITY/STATE/ZIP:** Sewell NJ 08080  
**LAT/LONG:** 39.7244 / 75.0501

**CUSTOMER:** ENSR Consulting & Engineering  
**CONTACT:** Heather Trama  
**INQUIRY #:** 1514003.2s  
**DATE:** September 19, 2005 6:22 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	1	0	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
ODI		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
NJ Major Facilities		0.500	0	0	0	NR	NR	0
NJ Spills		TP	NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NJ Release		TP	NR	NR	NR	NR	NR	0
NJ PF		TP	NR	NR	NR	NR	NR	0
CHROME		0.500	0	0	0	NR	NR	0
NJPDES		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
ENG CONTROLS		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
<b><u>EDR PROPRIETARY HISTORICAL DATABASES</u></b>								
Coal Gas		1.000	0	0	0	0	NR	0
<b><u>BROWNFIELDS DATABASES</u></b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Brownfields		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

**NOTES:**

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.**

**1**  
**West**  
**< 1/8**  
**110 ft.**

**ECHO DRY CLEANERS**  
**HURFFVILLE CROSSKEYS RD**  
**SEWELL, NJ 08080**

**RCRA-SQG 1000325149**  
**NJD982795635**

**Relative:**  
**Equal**

RCRAInfo:

Owner: JOHN DEFELICE  
(212) 555-1212

**Actual:**  
**155 ft.**

EPA ID: NJD982795635

Contact: MARK DEFELICE  
(609) 582-8955

Classification: Small Quantity Generator  
TSD Activities: Not reported

Violation Status: No violations found

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BERLIN TWP	S106583366	535 ROUTE 73 NORTH	535 RTE 73 N	08080	VCP
GLOUCESTER TWP	S106130793	AT WELL HOUSE, ACCROSS FROM BALL FIELD	COUNTY HOUSE RD	08012	SWF/LF, NJ Spills
MONROE	S106581164	395 NORTH TUCKAHOE ROAD	395 N TUCKAHOE RD	08080	VCP
SEWELL	S102212549	CROSS KEYS TRAILER PARK C-9	RT 42	08080	NJ Spills
SEWELL	1004752265	WASHINGTON TWP OF 11-12 HIGH SCHOOL	529 HURFFVILLE & CROSS KEYS RD	08080	RCRA-SQG, FINDS
SEWELL	S106481948	ECHO DRY CLEANERS	309 HURFFVILLE CROSS KEYS RD	08080	DRYCLEANERS
SEWELL	S104428489	ON SIDE OF ROAD:	HURSFVILLE / WILSON	08080	NJ Spills
TURNERSVILLE	1001961278	MOPPERT BROTHERS OF SOUTH JERSEY INC	4351 RTE 42	08012	RCRA-SQG, FINDS
TURNERSVILLE	1000144360	TEXACO SERVICE STATION	RTE 9 & 571	08012	RCRA-SQG, FINDS
TURNERSVILLE	1004752393	WEBBS SUNOCO INC	246 FRIES MILL RD CROSS KEYS	08012	RCRA-SQG
TURNERSVILLE	1000128915	R & S QUALITY CLEANERS	HURFFVILLE & CROSS KEYS RD	08012	RCRA-SQG, FINDS
TURNERSVILLE	1000241703	WASHINGTON TWP OF BD OF ED	HURFFVILLE & CROSS KEYS RD	08012	RCRA-SQG, FINDS
TURNERVILLE	1004563425	KENNEDY MEMORIAL HOSPITAL - WTD	HURFFVILLE & CROSS KEYS RD	08012	RCRA-SQG, FINDS
WASHINGTON	S106762722	EGG HARBOR /HURFFVILLE- CROSSKEYS ROADS	EGG HARBOR/HURFFVILLE-CROSSKEYS RDS	08012	VCP
WASHINGTON	S106584927	7 HEATHER ROAD	7 HEATHER RD	08012	VCP
WASHINGTON	S106587497	BLOCK 89 LOT 13	167 HURFFVILLE-CROSSKEYS RD	08012	VCP
WASHINGTON	S106587498	BLOCK 89 LOTS 2 & 3	129 HURFFVILLE-CROSSKEYS RD	08012	VCP
WASHINGTON TWP	U000356787	TEXACO SERVICE STATION #100330	5440 RT 42 (960 BLACK HORSE PIKE)	08012	UST
WASHINGTON TWP	1000708474	TEXACO SERVICE STATION	BLACK HORSE & RTE 555	08012	RCRA-SQG, FINDS
WASHINGTON TWP	1000423046	BETTY BRITE CLEANERS	CTR SQ HURFFVILLE CROSS KEYS R	08080	RCRA-SQG, FINDS

# 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.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## **FEDERAL ASTM STANDARD RECORDS**

### **NPL: National Priority List**

Source: EPA

Telephone: N/A

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: 07/01/05

Date Made Active at EDR: 08/22/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/03/05

Elapsed ASTM days: 19

Date of Last EDR Contact: 08/03/05

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA

Telephone: N/A

Date of Government Version: 04/27/05

Date Made Active at EDR: 05/16/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/04/05

Elapsed ASTM days: 12

Date of Last EDR Contact: 08/05/05

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

Source: EPA

Telephone: 703-413-0223

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: 06/27/05

Date Made Active at EDR: 08/17/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/22/05

Elapsed ASTM days: 26

Date of Last EDR Contact: 07/22/05

### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/17/05  
Date Made Active at EDR: 08/17/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/20/05  
Elapsed ASTM days: 58  
Date of Last EDR Contact: 06/20/05

## **CORRACTS:** Corrective Action Report

Source: EPA  
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/28/05  
Date Made Active at EDR: 08/08/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/05/05  
Elapsed ASTM days: 34  
Date of Last EDR Contact: 06/05/05

## **RCRA:** Resource Conservation and Recovery Act Information

Source: EPA  
Telephone: 800-424-9346

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 05/20/05  
Date Made Active at EDR: 06/09/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/24/05  
Elapsed ASTM days: 16  
Date of Last EDR Contact: 08/23/05

## **ERNS:** Emergency Response Notification System

Source: National Response Center, United States Coast Guard  
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/04  
Date Made Active at EDR: 03/24/05  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/05  
Elapsed ASTM days: 56  
Date of Last EDR Contact: 07/25/05

## **FEDERAL ASTM SUPPLEMENTAL RECORDS**

### **BRS:** Biennial Reporting System

Source: EPA/NTIS  
Telephone: 800-424-9346

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: 12/31/03  
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/17/05  
Date of Next Scheduled EDR Contact: 09/12/05

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Source: Department of Justice, Consent Decree Library  
Telephone: Varies

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 07/25/05  
Date of Next Scheduled EDR Contact: 10/24/05

**ROD:** Records Of Decision

Source: EPA  
Telephone: 703-416-0223

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: 06/08/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/06/05  
Date of Next Scheduled EDR Contact: 10/03/05

**DELISTED NPL:** National Priority List Deletions

Source: EPA  
Telephone: N/A

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: 07/01/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/03/05  
Date of Next Scheduled EDR Contact: 10/31/05

**FINDS:** Facility Index System/Facility Registry System

Source: EPA  
Telephone: (212) 637-3000

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: 07/11/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/05/05  
Date of Next Scheduled EDR Contact: 10/03/05

**HMIRS:** Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/22/05  
Date of Next Scheduled EDR Contact: 10/17/05

**MLTS:** Material Licensing Tracking System

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/14/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/05/05  
Date of Next Scheduled EDR Contact: 10/03/05

**MINES:** Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/13/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/27/05  
Date of Next Scheduled EDR Contact: 09/26/05

**NPL LIENS:** Federal Superfund Liens

Source: EPA  
Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/22/05  
Date of Next Scheduled EDR Contact: 11/21/05

**PADS:** PCB Activity Database System

Source: EPA  
Telephone: 202-564-3887

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: 03/30/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 08/25/05  
Date of Next Scheduled EDR Contact: 11/07/05

**DOD:** Department of Defense Sites

Source: USGS  
Telephone: 703-692-8801

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: 10/01/03  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/09/05  
Date of Next Scheduled EDR Contact: 11/07/05

**UMTRA:** Uranium Mill Tailings Sites

Source: Department of Energy  
Telephone: 505-845-0011

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. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 07/05/05  
Date of Next Scheduled EDR Contact: 09/19/05

**ODI:** Open Dump Inventory

Source: Environmental Protection Agency  
Telephone: 800-424-9346

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: 06/30/85  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/95  
Date of Next Scheduled EDR Contact: N/A

**FUDS:** Formerly Used Defense Sites

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 06/29/05  
Date of Next Scheduled EDR Contact: 10/03/05

**INDIAN RESERV:** Indian Reservations

Source: USGS  
Telephone: 202-208-3710

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: 10/01/03  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/09/05  
Date of Next Scheduled EDR Contact: 11/07/05

**US ENG CONTROLS:** Engineering Controls Sites List

Source: Environmental Protection Agency  
Telephone: 703-603-8867

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: 01/10/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 07/05/05  
Date of Next Scheduled EDR Contact: 10/03/05

**RAATS:** RCRA Administrative Action Tracking System

Source: EPA  
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/06/05  
Date of Next Scheduled EDR Contact: 09/05/05

**TRIS:** Toxic Chemical Release Inventory System

Source: EPA  
Telephone: 202-566-0250

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: 12/31/03  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/13/05  
Date of Next Scheduled EDR Contact: 09/19/05

**TSCA:** Toxic Substances Control Act

Source: EPA  
Telephone: 202-260-5521

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: 12/31/02  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 07/18/05  
Date of Next Scheduled EDR Contact: 10/17/05

**FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA  
Telephone: 202-566-1667

Date of Government Version: 07/15/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/20/05  
Date of Next Scheduled EDR Contact: 09/19/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SSTS:** Section 7 Tracking Systems

Source: EPA  
Telephone: 202-564-4203

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: 12/31/03  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/18/05  
Date of Next Scheduled EDR Contact: 10/17/05

## **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667

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: 07/15/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/20/05  
Date of Next Scheduled EDR Contact: 09/19/05

## **STATE OF NEW JERSEY ASTM STANDARD RECORDS**

### **SHWS:** Known Contaminated Sites in New Jersey

Source: New Jersey Department of Environmental Protection  
Telephone: 609-292-8761

**BE ADVISED THAT THE KNOWN CONTAMINATED SITES DATABASE HAS NOT BEEN UPDATED SINCE 2001. FOR MORE CURRENT STATUS INFORMATION, THE DEP HAS REQUESTED THAT YOU CONTACT THE SITE REMEDIATION PROGRAM AT 800-253-5647 OR 609-984-3081.**

The Known Contaminated Sites in New Jersey includes sites under the purview of the Site Remediation Program which have contamination present at levels greater than the applicable cleanup criteria for soil and/or groundwater standards. The sites appearing in Known Contaminated Sites in New Jersey are classified as either active, where the site is assigned to a specific remedial program area, or pending, where the site is awaiting assignment to a specific remedial program area. Sites where no further action (NFA) designation has been given are not included in this report unless there are other areas of identified contamination which have not been remediated. This report includes sites being remediated under all of the various regulatory programs administered by the Site Remediation Program such as: Federal Superfund Program, Federal Resource Conservation and Recovery Act (RCRA), New Jersey's Industrial Site Recovery Act (ISRA), New Jersey's Underground Storage of Hazardous Substances Act, New Jersey's Spill Compensation and Control Act, New Jersey's Solid Waste Management Act, New Jersey's Water Pollution Control Act.

Date of Government Version: 05/01/01  
Date Made Active at EDR: 07/25/01  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/18/01  
Elapsed ASTM days: 37  
Date of Last EDR Contact: 07/06/05

### **SWF/LF:** Solid Waste Facility Directory

Source: Department of Environmental Protection  
Telephone: 609-984-6741

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: 07/01/05  
Date Made Active at EDR: 07/29/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/06/05  
Elapsed ASTM days: 23  
Date of Last EDR Contact: 06/29/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **LUST:** Regulated UST Contamination Sites Listing

Source: New Jersey Department of Environmental Protection  
Telephone: 609-292-8761

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/17/02

Date of Data Arrival at EDR: 01/15/03

Date Made Active at EDR: 01/28/03

Elapsed ASTM days: 13

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/21/05

## **UST:** Underground Storage Tank Data

Source: Department of Environmental Protection  
Telephone: 609-633-1455

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/06/05

Date of Data Arrival at EDR: 05/19/05

Date Made Active at EDR: 06/16/05

Elapsed ASTM days: 28

Database Release Frequency: Varies

Date of Last EDR Contact: 05/16/05

## **SWRCY:** Approved Class B Recycling Facilities

Source: Department of Environmental Protection  
Telephone: 609-984-6650

"Class B recyclable material" means a source separated recyclable material which is subject to Department approval prior to receipt, storage, processing or transfer at a recycling center in accordance with N.J.S.A. 13:1E-99.34b.

Date of Government Version: 06/02/05

Date of Data Arrival at EDR: 06/02/05

Date Made Active at EDR: 07/07/05

Elapsed ASTM days: 35

Database Release Frequency: Varies

Date of Last EDR Contact: 06/02/05

## **VCP:** Voluntary Cleanup Program Sites

Source: Department of Environmental Protection  
Telephone: 609-292-2943

Through the VCP, responsible parties, developers, local officials, or individuals may work with the department to remediate non-priority contaminated sites that pose no immediate threat to human health or the environment.

Date of Government Version: 07/06/05

Date of Data Arrival at EDR: 07/15/05

Date Made Active at EDR: 08/05/05

Elapsed ASTM days: 21

Database Release Frequency: Varies

Date of Last EDR Contact: 05/31/05

## **STATE OF NEW JERSEY ASTM SUPPLEMENTAL RECORDS**

### **NJ MAJOR FACILITIES:** List of Major Facilities

Source: Department of Environmental Protection  
Telephone: 609-292-1690

Major facilities means all facilities, located on one or more contiguous or adjacent properties owned or operated by the same person, having total combined storage capacity of 20,000 gallons or more for hazardous substances other than petroleum or petroleum products, or 200,000 gallons or more of hazardous substances of all kinds.

Date of Government Version: 01/02/02

Date of Last EDR Contact: 08/08/05

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: 11/07/05

### **NJ Spills:** Spills

Source: Department of Environmental Protection  
Telephone: 609-633-1339

Initial notification information of hazardous material incidents, where there is land contamination, reported to the Department of Environmental Protection's Environmental Action Line. The DEP has not conducted any investigation to determine its validity or accuracy.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/12/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/12/05  
Date of Next Scheduled EDR Contact: 10/03/05

**NJ Release:** Hazardous Material Incident Database  
Source: Department of Environmental Protection  
Telephone: 609-633-1339

Hazardous material release. Initial notification information reported to the Department of Environmental Protection's Environmental Action Line and the office has not conducted any investigations to determine its validity or accuracy.

Date of Government Version: 07/12/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/12/05  
Date of Next Scheduled EDR Contact: 10/03/05

**PF:** Publicly Funded Cleanups Site Status Report  
Source: Department of Environmental Protection  
Telephone: 609-292-9418

The report focuses on publicly funded cleanups and features progress achieved and underway at all sites that are being addressed by the NJDEP with public funds.

Date of Government Version: 12/31/03  
Database Release Frequency: Annually

Date of Last EDR Contact: 08/23/05  
Date of Next Scheduled EDR Contact: 11/21/05

**CHROME:** Chromate Chemical Production Waste Sites  
Source: Department of Environmental Protection  
Telephone: 609-984-4071

Known chromate chemical production waste sites.

Date of Government Version: 02/06/03  
Database Release Frequency: Varies

Date of Last EDR Contact: 05/02/05  
Date of Next Scheduled EDR Contact: 09/05/05

**NJPDES:** New Jersey Pollutant Discharge Elimination System Dischargers  
Source: Department of Environmental Protection  
Telephone: 609-242-4543

The NJPDES contains the names, addresses and other information of all permitted New Jersey Pollutant Discharge Elimination System dischargers.

Date of Government Version: 05/11/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 06/14/05  
Date of Next Scheduled EDR Contact: 09/12/05

**HIST LF:** Solid Waste Facility Directory  
Source: Department of Environmental Protection  
Telephone: 609-984-6880

Date of Government Version: 06/10/03  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/19/04  
Date of Next Scheduled EDR Contact: N/A

**DRYCLEANERS:** Drycleaner List  
Source: Department of Environmental Protection  
Telephone: 609-292-2795  
A listing of registered drycleaners.

Date of Government Version: 06/17/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 06/06/05  
Date of Next Scheduled EDR Contact: 09/05/05

**ENG CONTROLS:** Declaration Environmental Restriction/Deed Notice Sites  
Source: Department of Environmental Protection  
Telephone: 609-292-2943

Legal Document that restricts the use of contaminated property; holds owner(s) to the regulatory/statutory requirements for cleanup.

Date of Government Version: 07/05/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 06/20/05  
Date of Next Scheduled EDR Contact: 09/19/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR PROPRIETARY HISTORICAL DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

### **Disclaimer Provided by Real Property Scan, Inc.**

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

## BROWNFIELDS DATABASES

### **Brownfields:** Brownfields Database

Source: Department of Environmental Protection  
Telephone: 609-292-1251

Brownfields are identified as former or current commercial or industrial use sites that are presently vacant or underutilized, on which there is suspected to have been a discharge of a contamination to the soil or groundwater at concentrations greater than applicable cleanup criteria.

Date of Government Version: 04/11/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/11/05  
Date of Next Scheduled EDR Contact: 10/10/05

### **VCP:** Voluntary Cleanup Program Sites

Source: Department of Environmental Protection  
Telephone: 609-292-2943

Through the VCP, responsible parties, developers, local officials, or individuals may work with the department to remediate non-priority contaminated sites that pose no immediate threat to human health or the environment.

Date of Government Version: 07/06/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 05/31/05  
Date of Next Scheduled EDR Contact: 08/29/05

### **INST CONTROL:** Classification Exception Area Sites

Source: Department of Environmental Protection  
Telephone: 609-292-2943

A Classification Exception Area is an institutional control providing notice that ground water contamination exists in a particular location above State standards.

Date of Government Version: 07/05/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 06/20/05  
Date of Next Scheduled EDR Contact: 09/19/05

### **US BROWNFIELDS:** A Listing of Brownfields Sites

Source: Environmental Protection Agency  
Telephone: 202-566-2777

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/10/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/13/05  
Date of Next Scheduled EDR Contact: 09/12/05

## **US INST CONTROL:** Sites with Institutional Controls

Source: Environmental Protection Agency  
Telephone: 703-603-8867

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: 01/10/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 07/05/05  
Date of Next Scheduled EDR Contact: 10/03/05

## **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.

**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: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## **Daycare Centers: Child Care Center Listings**

Source: Department of Human Services

Telephone: 609-292-1018

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 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 from the U.S. Fish and Wildlife Service.

## **New Jersey State Wetlands**

Source: New Jersey Department of Environmental Protection

This data was obtained by EDR in 2002 from the New Jersey Department of Environmental Protection.

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

268 HURFFVILLE CROSS KEYS ROAD  
268 HURFFVILLE CROSS KEYS ROAD  
SEWELL, NJ 08080

### TARGET PROPERTY COORDINATES

Latitude (North):	39.724400 - 39° 43' 27.8"
Longitude (West):	75.050102 - 75° 3' 0.4"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	495706.2
UTM Y (Meters):	4396961.0
State Plane X (Feet):	337404.6
State Plane Y (Feet):	325005.1
Elevation:	155 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. 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.

# 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).

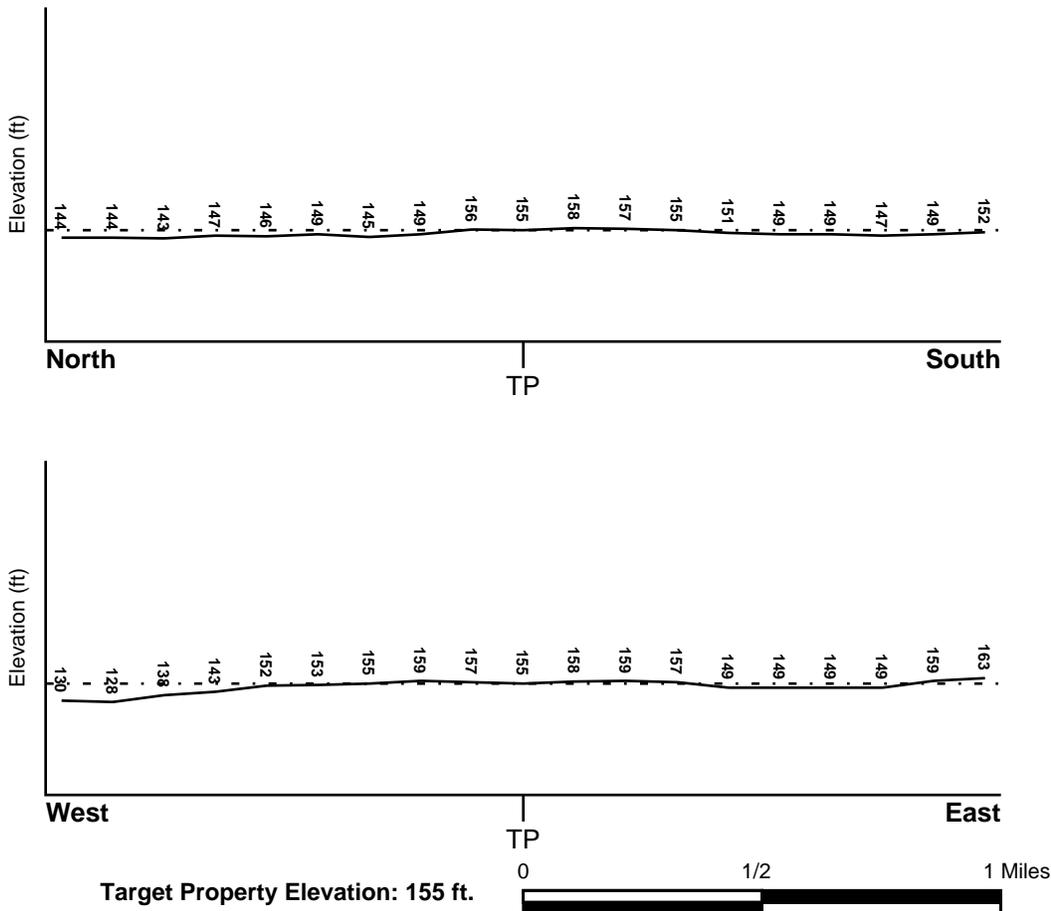
## TOPOGRAPHIC INFORMATION

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

USGS Topographic Map: 39075-F1 PITMAN EAST, NJ  
General Topographic Gradient: General North  
Source: USGS 7.5 min quad index

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Target Property County</u> GLOUCESTER, NJ	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	3402130008B
Additional Panels in search area:	3402130005B 3402130006B 3402130007B 3402080005B

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u> PITMAN EAST	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
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## **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</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Tertiary  
Series: Miocene  
Code: Tm (decoded above as Era, System & Series)

### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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).

## 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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: AURA

Soil Surface Texture: sandy 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. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 5.00 Min: 3.60
2	8 inches	59 inches	gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.20	Max: 5.00 Min: 3.60
3	59 inches	72 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 0.20	Max: 5.00 Min: 3.60

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinator soil types may appear within the general area of target property.

Soil Surface Textures: loamy sand  
gravelly - sandy loam  
sand  
loam

Surficial Soil Types: loamy sand  
gravelly - sandy loam  
sand  
loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: stratified  
gravelly - sandy loam

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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>
B3	USGS2156254	1/4 - 1/2 Mile South
B4	USGS2156059	1/4 - 1/2 Mile South
B5	USGS2156058	1/4 - 1/2 Mile South
6	USGS2155842	1/2 - 1 Mile North
C8	USGS2156043	1/2 - 1 Mile South
D10	USGS2155939	1/2 - 1 Mile East
E12	USGS2155966	1/2 - 1 Mile WNW
E13	USGS2155967	1/2 - 1 Mile WNW
14	USGS2156015	1/2 - 1 Mile South
F17	USGS2155929	1/2 - 1 Mile East
G18	USGS2156023	1/2 - 1 Mile SSW
G19	USGS2156020	1/2 - 1 Mile SSW
G20	USGS2156022	1/2 - 1 Mile SSW
G21	USGS2156021	1/2 - 1 Mile SSW

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

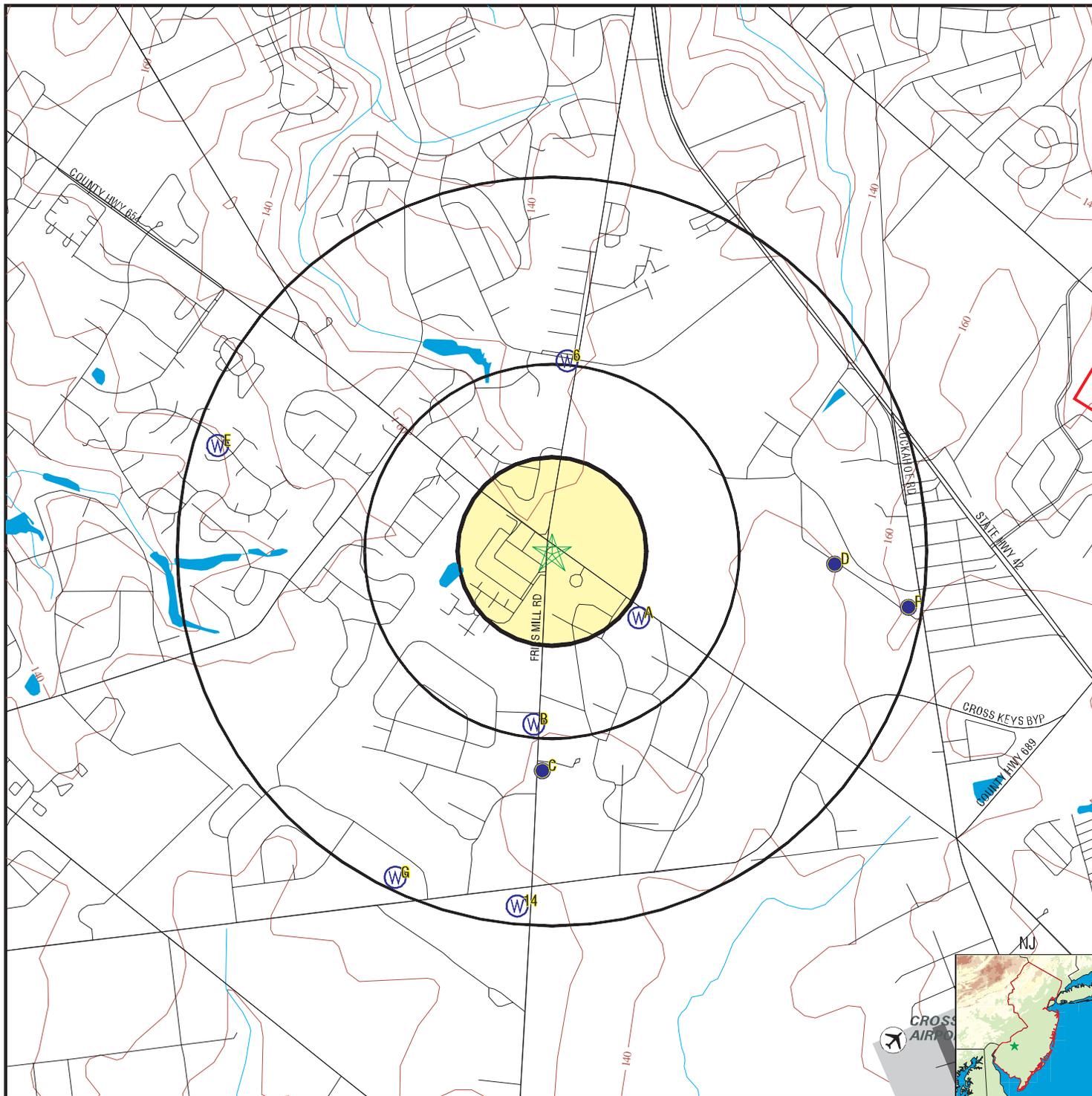
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
D9	NJ0818004	1/2 - 1 Mile East

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

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	NJ3162302	1/4 - 1/2 Mile SE
A2	NJ3149886	1/4 - 1/2 Mile SE
C7	NJ3142387	1/2 - 1 Mile South
D11	NJ3128782	1/2 - 1 Mile East
F15	NJ3145998	1/2 - 1 Mile East
F16	NJ3145999	1/2 - 1 Mile East
F22	NJ3126047	1/2 - 1 Mile East

# PHYSICAL SETTING SOURCE MAP - 1514003.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



**TARGET PROPERTY:** 268 Hurffville Cross Keys Road  
**ADDRESS:** 268 Hurffville Cross Keys Road  
**CITY/STATE/ZIP:** Sewell NJ 08080  
**LAT/LONG:** 39.7244 / 75.0501

**CUSTOMER:** ENSR Consulting & Engineering  
**CONTACT:** Heather Trama  
**INQUIRY #:** 1514003.2s  
**DATE:** September 19, 2005 6:22 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**SE**  
**1/4 - 1/2 Mile**  
**Higher**

**NJ WELLS      NJ3162302**

Well Permit:	31-62302	Well Id:	3162302
GWSI:	15		
BWA:	5194	Wellrec:	31:22:837
PWS Id:	0818004	Facility Id:	20
Well facility Id:	050	Owner:	Washington Twp MUA
System Name:	Not Reported	Well Name:	Well 20
Address:	Hurffville-Crosskeys Rd	Fips:	15090
Municipality:	Washington Twp		
County:	Gloucester		
Quad:	128	Lot:	2
Quad Name	Pitman East NJ		
Block:	86		
Well Use:	Public Community Supply		
Latitude:	394318.294		
Well Status:	Operational		
Longitude:	750245.98		
GPS Description:	wellhead		
East X Coord:	338630.74	North Y Coord:	324073.43
Date Completed:	01/17/1997		
Location Method:	GPS Satellite		
Borehole Depth:	725	Finished Depth:	711
Surface Elev:	Not Reported	Ref Elev:	Not Reported
Elevation comment:	Not Reported		
Elevation Method:	not reported		
Casing Hgt:	4	Casing Lgth:	637
Casing diameter:	14	Top of Open Int:	633
Bot of Open Int:	703	Screen Dia:	14
Natural Flow:	Not Reported	Date Tested:	01/20/1997
Groundwater Elev:	Not Reported	Static Wat Lev:	226
Pumping Wat Lev:	280	Drawdown:	54
Test Length:	4320	Discharge rate:	1073
Specific Cap:	Not Reported	Pumping Cap:	Not Reported
Driller:	AC Schultes & Sons Inc	License:	1152
Drilling Method:	Rotary (unspecified)		
Geologic Name:	Magothy Formation		
Geologist:	Not Reported		
Hydrologic Name:	upper Potomac-Raritan-Magothy aquifer		
Open Intervals:	3		
Confinement Stat:	Confined		
Pump Rate:	850		
Pumping Source:	PRMT		
Watershed:	Maurice, Salem, and Cohansey		
Province	Inner Coastal Plain		

**A2**  
**SE**  
**1/4 - 1/2 Mile**  
**Higher**

**NJ WELLS      NJ3149886**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Permit:	31-49886	Well Id:	3149886
GWSI:	15		
BWA:	5194	Wellrec:	31:22:829
PWS Id:	0818004	Facility Id:	Not Reported
Well facility Id:	Not Reported	Owner:	Washington Twp MUA
System Name:	Not Reported	Well Name:	Well 19
Address:	Hurffville-Cross Keys Rd	Fips:	15090
Municipality:	Washington Twp		
County:	Gloucester	Lot:	2
Quad:	128		
Quad Name:	Pitman East NJ		
Block:	86		
Well Use:	Public Community Supply		
Latitude:	394318.074		
Well Status:	New Well (in use)		
Longitude:	750246.168		
GPS Description:	wellhead		
East X Coord:	338615.96	North Y Coord:	324051.26
Date Completed:	12/11/1996		
Location Method:	GPS Satellite		
Borehole Depth:	100	Finished Depth:	95
Surface Elev:	Not Reported	Ref Elev:	Not Reported
Elevation comment:	Not Reported		
Elevation Method:	not reported		
Casing Hgt:	2	Casing Lgth:	65
Casing diameter:	24	Top of Open Int:	65
Bot of Open Int:	95	Screen Dia:	24
Natural Flow:	Not Reported	Date Tested:	11/12/1996
Groundwater Elev:	Not Reported	Static Wat Lev:	19.84
Pumping Wat Lev:	45.59	Drawdown:	25.75
Test Length:	4320	Discharge rate:	715
Specific Cap:	Not Reported	Pumping Cap:	Not Reported
Driller:	AC Schultes & Sons Inc	License:	1583
Drilling Method:	Reverse Rotary		
Geologic Name:	Cohansey Formation		
Geologist:	Not Reported		
Hydrologic Name:	Kirkwood-Cohansey water-table aquifer system		
Open Intervals:	1		
Confinement Stat:	Unconfined		
Pump Rate:	700		
Pumping Source:	PRMT		
Watershed:	Maurice, Salem, and Cohansey		
Province:	Inner Coastal Plain		

**B3**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS2156254**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	393931075004801
Site name:	SMITH FARM IRR/SEALED		
Latitude:	394305		
Longitude:	0750307	Dec lat:	39.71817028
Dec lon:	-75.0515597	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	140.00	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19830902
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	97.0	Hole depth:	97.0
Source of depth data:	Not Reported	Project number:	150568
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:	1983-09-02	Ground water data end date:	1988-11-17
Ground water data count:	5		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1988-11-17	21.12		1988-03-01	17.82	
1987-10-26	18.79		1986-08-15	16.65	
1983-09-02	16.00				

**B4**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS2156059**

Agency cd:	USGS	Site no:	394303075030301
Site name:	FRIMAIR IRR		
Latitude:	394303		
Longitude:	0750303	Dec lat:	39.7176147
Dec lon:	-75.0504486	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	150	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19890616	Mean greenwich time offset:	EST



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1998-10-30	5.91	

**6  
North  
1/2 - 1 Mile  
Lower**

**FED USGS USGS2155842**

Agency cd:	USGS	Site no:	394354075025901
Site name:	WTMUA MONITORING 1 OBS		
Latitude:	394354		
Longitude:	0750259	Dec lat:	39.73178139
Dec lon:	-75.0493369	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	150.00	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Lower Delaware. New Jersey, Pennsylvania. Area = 1050 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19890724
Date inventoried:	19890802	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	54	Hole depth:	79
Source of depth data:	driller	Project number:	151033
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:	1990-07-18
Water quality data end date:	1990-07-18	Water quality data count:	1
Ground water data begin date:	1989-07-24	Ground water data end date:	2005-01-13
Ground water data count:	78		

Ground-water levels, Number of Measurements: 78

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2005-01-13	15.82		2004-10-26	16.02	
2004-08-26	15.33		2004-07-08	14.9	
2004-05-05	13.80		2004-03-12	14.48	
2004-01-08	14.08		2003-10-30	15.57	
2003-08-26	15.48		2003-06-19	15.42	
2003-04-14	16.58		2003-01-21	19.03	
2002-10-29	20.83		2002-08-13	20.64	
2002-05-29	20.22		2002-03-28	19.96	
2002-01-16	19.41		2001-11-09	18.68	
2001-09-11	17.71		2001-07-06	16.41	
2001-04-25	16.33		2001-01-24	18.10	
2000-11-06	17.91		2000-09-08	17.40	
2000-07-06	16.83		2000-05-04	16.36	
2000-02-23	17.87		1999-12-17	18.14	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-10-06	17.75		1999-08-09	17.80	
1999-06-10	16.84		1999-04-07	16.50	
1999-01-12	17.87		1998-10-20	16.58	
1998-08-06	15.25		1998-06-08	14.20	
1998-04-02	14.50		1998-01-08	16.41	
1997-10-09	15.68		1997-08-06	14.76	
1997-05-22	13.36		1997-02-03	13.96	
1996-12-11	14.96		1996-10-07	15.17	
1996-07-17	14.31		1996-05-15	14.06	
1996-01-31	16.05		1995-10-11	17.91	
1995-06-13	16.91		1995-04-12	16.75	
1995-03-10	16.57		1994-12-14	16.36	
1994-09-29	15.39		1994-06-27	14.39	
1994-02-04	15.26		1993-12-14	15.74	
1993-08-26	15.46		1993-05-10	13.60	
1993-01-28	16.17		1992-10-22	17.29	
1992-07-21	16.93		1992-04-21	17.01	
1992-01-30	17.25		1991-10-29	16.55	
1991-07-29	15.65		1991-05-01	15.09	
1991-01-17	15.73		1990-10-05	15.50	
1990-07-18	14.29		1990-05-14	13.92	
1990-03-16	14.55		1990-03-15	14.55	
1990-01-11	14.39		1989-10-13	13.60	
1989-09-13	13.83		1989-08-14	13.30	
1989-08-02	13.15		1989-07-24	14.00	

**C7  
South  
1/2 - 1 Mile  
Lower**

**NJ WELLS NJ3142387**

Well Permit:	31-42387	Well Id:	3142387
GWSI:	151361	Wellrec:	31:32:216
BWA:	5194	Facility Id:	19
PWS Id:	0818004	Owner:	Washington Twp MUA
Well facility Id:	046	Well Name:	Well 18
System Name:	Not Reported	Fips:	15090
Address:	Rte 655	Lot:	7
Municipality:	Washington Twp		
County:	Gloucester		
Quad:	128		
Quad Name:	Pitman East NJ		
Block:	86		
Well Use:	Public Community Supply		
Latitude:	394257.053	North Y Coord:	321932.37
Well Status:	Operational	Finished Depth:	93
Longitude:	750302.76	Ref Elev:	Not Reported
GPS Description:	wellhead		
East X Coord:	337306.39		
Date Completed:	11/03/1993		
Location Method:	GPS Satellite		
Borehole Depth:	105		
Surface Elev:	150		
Elevation comment:	Not Reported		
Elevation Method:	Unknown		
Casing Hgt:	3.76	Casing Lgth:	60.16

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing diameter:	12	Top of Open Int:	60.16
Bot of Open Int:	90	Screen Dia:	12
Natural Flow:	Not Reported	Date Tested:	11/01/1993
Groundwater Elev:	Not Reported	Static Wat Lev:	11.86
Pumping Wat Lev:	49.38	Drawdown:	37.52
Test Length:	4320	Discharge rate:	840
Specific Cap:	22.27	Pumping Cap:	Not Reported
Driller:	AC Schultes & Sons Inc	License:	0816
Drilling Method:	Reverse Rotary		
Geologic Name:	Cohansey & Kirkwood Formations		
Geologist:	Not Reported		
Hydrologic Name:	Kirkwood-Cohansey water-table aquifer system		
Open Intervals:	1		
Confinement Stat:	Unconfined		
Pump Rate:	Not Reported		
Pumping Source:	not reported		
Watershed:	Maurice, Salem, and Cohansey		
Province:	Inner Coastal Plain		

**Drillers Comments 1:**

0-1 top soil; 1-12 medium to large grained orange and brown sands; 12-18 brown and white clay and 3/4 inch stones and orange clay; 18-40 fine to medium tan and gray sands; 40-46 light gray and tan fine grained sands; 46-71 brown medium grained sands; 71-72 tan, silty clayish; 72-92 medium to coarse grained tan and brown sands; 92-105 fine silty gray clay

**Additional Comments:**

Originally listed as 00-00853.

**C8  
South  
1/2 - 1 Mile  
Lower**

**FED USGS USGS2156043**

Agency cd:	USGS	Site no:	394255075030401
Site name:	WTMUA TW-18	LINJ PS17	
Latitude:	394257.1		
Longitude:	0750302.8	Dec lat:	39.7158611
Dec lon:	-75.05077778	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	149.00	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19931101
Date inventoried:	19970509	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	93	Hole depth:	105
Source of depth data:	driller	Project number:	151361
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

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 1998-02-26  
 Ground water data begin date: 1993-11-01  
 Ground water data count: 1

Water quality data begin date: 1998-02-26  
 Water quality data count: 1  
 Ground water data end date: 1993-11-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1993-11-01	11.86	

**D9**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FRDS PWS NJ0818004**

PWS ID: NJ0818004 PWS Status: Not Reported  
 Date Initiated: Not Reported Date Deactivated: Not Reported  
 PWS Name: WASHINGTON TOWNSHIP MUA  
 WASHINGTON TOWNSHIP MUA  
 852 WHITMAN DRIVE  
 WASHINGTON TWP, NJ 08012

Source: Ground water  
 Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL Process: AERATION, PACKED TOWER  
 Treatment Objective: CORROSION CONTROL Process: INHIBITOR, POLYPHOSPHATE  
 Treatment Objective: CORROSION CONTROL Process: PH ADJUSTMENT  
 Treatment Objective: CORROSION CONTROL Process: PH ADJUSTMENT, POST  
 Treatment Objective: DISINFECTION Process: HYPOCHLORINATION, POST  
 Treatment Objective: OTHER Process: FLUORIDATION

Addressee / Facility: System Owner/Responsible Party  
 WASHINGTON TOWNSHIP MUA  
 P O BOX 127  
 GRENLOCH, NJ 08032

Facility Latitude: 39 42 33.0000	Facility Longitude: 75 4 58.0000
Facility Latitude: 39 43 20.0000	Facility Longitude: 75 1 57.0000
Facility Latitude: 39 43 25.0000	Facility Longitude: 75 2 11.0000
Facility Latitude: 39 43 25.0000	Facility Longitude: 75 2 13.0000
Facility Latitude: 39 43 30.0000	Facility Longitude: 75 2 10.0000
Facility Latitude: 39 43 42.0000	Facility Longitude: 75 4 32.0000
Facility Latitude: 39 44 35.0000	Facility Longitude: 75 2 50.0000
Facility Latitude: 39 45 15.0000	Facility Longitude: 75 3 27.0000
Facility Latitude: 39 45 19.0000	Facility Longitude: 75 2 13.0000
Facility Latitude: 39 45 35.0000	Facility Longitude: 75 3 28.0000
Facility Latitude: 39 45 47.0000	Facility Longitude: 75 4 5.0000
Facility Latitude: 39 46 27.0000	Facility Longitude: 75 5 19.0000
Facility Latitude: 39 47 32.0000	Facility Longitude: 75 4 47.0000
City Served: WASHINGTON TWP	
Treatment Class: Mixed (treated and untreated)	Population: 45000

PWS currently has or had major violation(s) or enforcement: Yes

**VIOLATIONS INFORMATION:**

Violation ID: 9450465	Source ID: Not Reported	PWS Phone: Not Reported
Vio. beginning Date: 07/01/93	Vio. end Date: 12/31/93	Vio. Period: 006 Months
Num required Samples: Not Reported	Number of Samples Taken: Not Reported	
Analysis Result: Not Reported	Maximum Contaminant Level: Not Reported	
Analysis Method: Not Reported		
Violation Type: Initial Tap Sampling for Pb and Cu		
Contaminant: LEAD & COPPER RULE		
Vio. Awareness Date: Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**ENFORCEMENT INFORMATION:**

System Name:	WASHINGTON TOWNSHIP MUA	Analytical Value:	0
Violation Type:	Monitoring, Routine Major (TCR)	Enforcement ID:	0424962
Contaminant:	COLIFORM (TCR)	Enf. Action:	State Formal NOV Issued
Compliance Period:	2003-10-01 - 2003-10-31		
Violation ID:	0485808		
Enforcement Date:	2003-12-09		
System Name:	WASHINGTON TOWNSHIP MUA	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	98E0001
Contaminant:	LEAD & COPPER RULE	Enf. Action:	State Compliance Achieved
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	9450465		
Enforcement Date:	1992-02-01		
System Name:	WASHINGTON TOWNSHIP MUA	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	98E0001
Contaminant:	LEAD & COPPER RULE	Enf. Action:	State Compliance Achieved
Compliance Period:	1996-07-01 - 2015-12-31		
Violation ID:	9581683		
Enforcement Date:	1992-02-01		
System Name:	WASHINGTON TOWNSHIP MUA	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	Not Reported
Contaminant:	LEAD & COPPER RULE	Enf. Action:	Not Reported
Compliance Period:	1995-07-01 - 2015-12-31		
Violation ID:	9581683		
Enforcement Date:	Not Reported		
System Name:	WASHINGTON TOWNSHIP MUA	Analytical Value:	00000000.00
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	Not Reported
Contaminant:	LEAD & COPPER RULE	Enf. Action:	Not Reported
Compliance Period:	1995-07-01 - 1995-12-31		
Violation ID:	9581683		
Enforcement Date:	Not Reported		
System Name:	WASHINGTON TOWNSHIP MUA	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	98E0001
Contaminant:	LEAD & COPPER RULE	Enf. Action:	State Compliance Achieved
Compliance Period:	1996-07-01 - 2015-12-31		
Violation ID:	9626017		
Enforcement Date:	1992-02-01		
System Name:	WASHINGTON TOWNSHIP MUA	Analytical Value:	0000000.000000000
Violation Type:	Monitoring, Regular	Enforcement ID:	9903287
Contaminant:	TTHM	Enf. Action:	State Formal NOV Issued
Compliance Period:	1999-01-01 - 1999-03-31		
Violation ID:	9956442		
Enforcement Date:	1999-05-26		

**D10  
East  
1/2 - 1 Mile  
Lower**

**FED USGS USGS2155939**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	394327075021001
Site name:	WASHINGTON MUA 11	LINJ PS15	
Latitude:	394326.2		
Longitude:	0750208.9	Dec lat:	39.72394444
Dec lon:	-75.0358056	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	152	Altitude method:	A
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19890111
Date inventoried:	19910926	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	85	Hole depth:	95
Source of depth data:	driller	Project number:	151065
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:	1990-07-17
Water quality data end date:	1998-02-27	Water quality data count:	7
Ground water data begin date:	1989-01-18	Ground water data end date:	1989-01-18
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1989-01-18	13.58	

**D11  
East  
1/2 - 1 Mile  
Lower**

**NJ WELLS NJ3128782**

Well Permit:	31-28782	Well Id:	3128782
GWSI:	151065		
BWA:	5194	Wellrec:	31:22:838
PWS Id:	0818004	Facility Id:	17
Well facility Id:	034	Owner:	Washington Twp MUA
System Name:	Not Reported	Well Name:	Well 11
Address:	Strand Ave	Fips:	15090
Municipality:	Washington Twp		
County:	Gloucester		
Quad:	128	Lot:	26
Quad Name:	Pitman East NJ		
Block:	115		
Well Use:	Public Community Supply		
Latitude:	394326.23		
Well Status:	Operational		
Longitude:	750208.919		
GPS Description:	wellhead		
East X Coord:	341531.431	North Y Coord:	324859.002
Date Completed:	01/11/1989		
Location Method:	GPS Satellite		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Borehole Depth:	95	Finished Depth:	85
Surface Elev:	152	Ref Elev:	Not Reported
Elevation comment:	Not Reported		
Elevation Method:	Altimeter		
Casing Hgt:	2.58	Casing Lgth:	59.75
Casing diameter:	24	Top of Open Int:	59.25
Bot of Open Int:	85	Screen Dia:	24
Natural Flow:	Not Reported	Date Tested:	01/18/1989
Groundwater Elev:	Not Reported	Static Wat Lev:	13.58
Pumping Wat Lev:	38.75	Drawdown:	25.17
Test Length:	4320	Discharge rate:	1016
Specific Cap:	40.36	Pumping Cap:	700
Driller:	WC Services Inc	License:	0816
Drilling Method:	Reverse Rotary		
Geologic Name:	Cohansey & Kirkwood Formations		
Geologist:	Not Reported		
Hydrologic Name:	Kirkwood-Cohansey water-table aquifer system		
Open Intervals:	1		
Confinement Stat:	Unconfined		
Pump Rate:	700		
Pumping Source:	WA		
Watershed:	Maurice, Salem, and Cohansey		
Province:	Inner Coastal Plain		
Drillers Comments 1:	0-4 brownish clayish gravel; 4-58 brown sand with white and orange clays; 58-86 light tan and white sand and coarse sand; 86-95 silty gray sand and clay		

**E12**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS2155966**

Agency cd:	USGS	Site no:	394342075040301
Site name:	USGS NU02	LINJ NU02	
Latitude:	394342.6		
Longitude:	0750400.6	Dec lat:	39.7285
Dec lon:	-75.0668333	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	142	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Lower Delaware. New Jersey, Pennsylvania. Area = 1050 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19960815
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	19.5	Hole depth:	19.5
Source of depth data:	other government (other than USGS)	Object number:	151210
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

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 2002-07-01  
 Ground water data begin date: 1996-08-16  
 Ground water data count: 7

Water quality data begin date: 1996-08-15  
 Water quality data count: 11  
 Ground water data end date: 1998-08-14

Ground-water levels, Number of Measurements: 7

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-08-14	8.73		1998-06-29	7.94	
1998-06-17	7.63		1997-11-04	8.92	
1997-07-30	8.15		1996-09-10	8.05	
1996-08-16	7.48				

**E13  
 WNW  
 1/2 - 1 Mile  
 Lower**

**FED USGS      USGS2155967**

Agency cd:	USGS	Site no:	394342075040302
Site name:	USGS NU02-TEN	LINJ NU02-TEN	
Latitude:	394342.6		
Longitude:	0750400.7	Dec lat:	39.7285
Dec lon:	-75.0668611	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	142	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Lower Delaware. New Jersey, Pennsylvania. Area = 1050 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19970612
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	43	Hole depth:	43
Source of depth data:	reporting agency (generally USGS)	Project number:	151267
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:	1997-11-04
Water quality data end date:	1997-11-11	Water quality data count:	2
Ground water data begin date:	1997-07-30	Ground water data end date:	1998-08-14
Ground water data count:	5		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-08-14	8.75		1998-06-29	7.69	
1998-06-17	7.74		1997-11-04	8.96	
1997-07-30	8.21				

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**14**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2156015**

Agency cd:	USGS	Site no:	394238075030801
Site name:	SMITH 5		
Latitude:	394238		
Longitude:	0750308	Dec lat:	39.71067028
Dec lon:	-75.05183778	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	MONROE TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	160	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19840000
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	90	Hole depth:	90
Source of depth data:	owner	Project number:	150796
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:	1986-10-15	Ground water data end date:	1993-05-25
Ground water data count:	14		

Ground-water levels, Number of Measurements: 14

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1993-05-25	16.24		1992-10-27	20.53	
1992-05-14	19.67		1991-11-12	19.71	
1991-08-26	21.88		1991-05-16	16.77	
1990-11-14	17.27		1990-04-19	16.06	
1989-10-31	15.50		1989-05-03	16.98	
1988-11-17	20.62		1988-03-02	17.49	
1987-10-29	18.60		1986-10-15	16.00	

**F15**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**NJ WELLS      NJ3145998**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Permit:	31-45998	Well Id:	3145998
GWSI:	151365		
BWA:	5194	Wellrec:	31:22:839
PWS Id:	0818004	Facility Id:	17
Well facility Id:	041	Owner:	Washington Twp MUA
System Name:	Not Reported	Well Name:	Well 15
Address:	Rte 555	Fips:	15090
Municipality:	Washington Twp		
County:	Gloucester		
Quad:	128	Lot:	24.02
Quad Name:	Pitman East NJ		
Block:	115		
Well Use:	Public Community Supply		
Latitude:	394319.968		
Well Status:	Operational		
Longitude:	750157.768		
GPS Description:	wellhead		
East X Coord:	342398.902	North Y Coord:	324220.205
Date Completed:	Not Reported		
Location Method:	GPS Satellite		
Borehole Depth:	Not Reported	Finished Depth:	727
Surface Elev:	150	Ref Elev:	Not Reported
Elevation comment:	Not Reported		
Elevation Method:	Unknown		
Casing Hgt:	Not Reported	Casing Lgth:	Not Reported
Casing diameter:	12	Top of Open Int:	Not Reported
Bot of Open Int:	Not Reported	Screen Dia:	Not Reported
Natural Flow:	Not Reported	Date Tested:	Not Reported
Groundwater Elev:	Not Reported	Static Wat Lev:	Not Reported
Pumping Wat Lev:	Not Reported	Drawdown:	Not Reported
Test Length:	Not Reported	Discharge rate:	Not Reported
Specific Cap:	Not Reported	Pumping Cap:	1000
Driller:	Hydro Group Inc	License:	1047
Drilling Method:	Rotary (unspecified)		
Geologic Name:	Magothy Formation		
Geologist:	Not Reported		
Hydrologic Name:	upper Potomac-Raritan-Magothy aquifer		
Open Intervals:	Not Reported		
Confinement Stat:	Confined		
Pump Rate:	985		
Pumping Source:	WA		
Watershed:	Maurice, Salem, and Cohansey		
Province:	Inner Coastal Plain		

**F16  
East  
1/2 - 1 Mile  
Higher**

**NJ WELLS      NJ3145999**

Well Permit:	31-45999	Well Id:	3145999
GWSI:	151384		
BWA:	5194	Wellrec:	31:22:836
PWS Id:	0818004	Facility Id:	17
Well facility Id:	040	Owner:	Washington Twp MUA
System Name:	Not Reported	Well Name:	Well 14
Address:	Rte 555	Fips:	15090
Municipality:	Washington Twp		
County:	Gloucester		
Quad:	128	Lot:	24.01
Quad Name:	Pitman East NJ		
Block:	115		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use:	Public Community Supply		
Latitude:	394319.931		
Well Status:	Operational		
Longitude:	750157.723		
GPS Description:	wellhead		
East X Coord:	342402.388	North Y Coord:	324216.437
Date Completed:	Not Reported		
Location Method:	GPS Satellite		
Borehole Depth:	Not Reported	Finished Depth:	385
Surface Elev:	150	Ref Elev:	Not Reported
Elevation comment:	Not Reported		
Elevation Method:	Unknown		
Casing Hgt:	Not Reported	Casing Lgth:	Not Reported
Casing diameter:	12	Top of Open Int:	Not Reported
Bot of Open Int:	Not Reported	Screen Dia:	Not Reported
Natural Flow:	Not Reported	Date Tested:	Not Reported
Groundwater Elev:	Not Reported	Static Wat Lev:	Not Reported
Pumping Wat Lev:	Not Reported	Drawdown:	Not Reported
Test Length:	Not Reported	Discharge rate:	Not Reported
Specific Cap:	Not Reported	Pumping Cap:	350
Driller:	Hydro Group Inc	License:	1047
Drilling Method:	Rotary (unspecified)		
Geologic Name:	Mount Laurel and Wenonah Formations		
Geologist:	Not Reported		
Hydrologic Name:	Mount Laurel-Wenonah aquifer		
Open Intervals:	Not Reported		
Confinement Stat:	Confined		
Pump Rate:	500		
Pumping Source:	WA		
Watershed:	Maurice, Salem, and Cohansey		
Province:	Inner Coastal Plain		

**F17  
East  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2155929**

Agency cd:	USGS	Site no:	394321075015701
Site name:	WTMUA 10	LINJ PS14	
Latitude:	394319.6		
Longitude:	0750156.4	Dec lat:	39.7221111
Dec lon:	-75.0323333	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	160	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19870202
Date inventoried:	19930610	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	103	Hole depth:	107
Source of depth data:	driller	Project number:	151087
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

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 1998-02-27  
 Ground water data begin date: 1987-09-11  
 Ground water data count: 1  
 Water quality data begin date: 1998-02-27  
 Water quality data count: 1  
 Ground water data end date: 1987-09-11

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1987-09-11	21	

**G18  
SSW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS2156023**

Agency cd:	USGS	Site no:	394242075033004
Site name:	USGS TPE-4 MED-SHAL OBS		
Latitude:	394242		
Longitude:	0750330	Dec lat:	39.71178139
Dec lon:	-75.0579492	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	155.78	Altitude method:	L
Altitude accuracy:	.01	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19900608
Date inventoried:	19901003	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	40	Hole depth:	40
Source of depth data:	driller	Project number:	151063
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:	1991-03-21
Water quality data end date:	1994-07-27	Water quality data count:	3
Ground water data begin date:	1990-06-08	Ground water data end date:	1992-09-14
Ground water data count:	13		

Ground-water levels, Number of Measurements: 13

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-09-14	19.22		1992-05-11	18.95	
1991-12-27	19.00		1991-12-17	18.94	
1991-11-08	18.50		1991-10-29	18.37	
1991-09-09	17.56		1991-08-01	17.01	
1991-07-29	16.66		1991-06-21	16.65	
1991-05-30	16.17		1991-02-26	17.07	
1990-06-08	13.9				

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**G19  
SSW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2156020**

Agency cd:	USGS	Site no:	394242075033001
Site name:	USGS TPE-1 SHALLOW OBS		
Latitude:	394242		
Longitude:	0750330	Dec lat:	39.71178139
Dec lon:	-75.0579492	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	155.89	Altitude method:	L
Altitude accuracy:	.01	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19900518
Date inventoried:	19900621	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	27	Hole depth:	28
Source of depth data:	driller	Project number:	151057
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:	1991-03-22
Water quality data end date:	1994-06-27	Water quality data count:	4
Ground water data begin date:	1990-05-18	Ground water data end date:	1997-03-12
Ground water data count:	48		

Ground-water levels, Number of Measurements: 48

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1997-03-12	13.31		1997-02-12	13.67	
1997-01-16	14.1		1996-12-20	14.49	
1996-11-13	15.57		1996-10-16	15.49	
1996-09-04	14.68		1996-08-06	14.39	
1996-07-02	14.98		1996-06-05	14.71	
1996-04-29	14.81		1996-04-02	15.82	
1996-03-04	16.54		1996-02-09	16.99	
1996-01-16	18.51		1995-12-04	18.84	
1995-11-01	19.44		1995-11-01	19.44	
1995-10-03	19.77		1995-10-03	19.77	
1995-09-12	19.63		1995-09-12	19.63	
1995-08-03	18.71		1995-08-03	18.71	
1995-07-07	18.44		1995-07-07	18.44	
1995-06-07	18.19		1995-06-07	18.19	
1995-05-01	17.98		1995-05-01	17.98	
1995-04-03	17.71		1995-04-03	17.71	
1995-03-06	18.16		1995-03-06	18.16	
1993-05-25	14.56		1992-09-14	18.50	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-05-11	18.20		1991-12-27	18.25	
1991-12-17	18.18		1991-11-08	17.74	
1991-10-29	17.61		1991-09-09	16.80	
1991-08-01	16.26		1991-07-29	16.24	
1991-06-21	15.89		1991-05-30	15.40	
1991-02-26	16.30		1990-05-18	13.9	

**G20  
SSW  
1/2 - 1 Mile  
Higher**

**FED USGS    USGS2156022**

Agency cd:	USGS	Site no:	394242075033003
Site name:	USGS TPE-3 DEEP OBS		
Latitude:	394242		
Longitude:	0750330	Dec lat:	39.71178139
Dec lon:	-75.0579492	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	156.20	Altitude method:	L
Altitude accuracy:	.01	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19900517
Date inventoried:	19900621	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	100	Hole depth:	115
Source of depth data:	driller	Project number:	151059
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:	1991-03-20
Water quality data end date:	1994-06-20	Water quality data count:	4
Ground water data begin date:	1990-05-17	Ground water data end date:	1997-03-12
Ground water data count:	47		

Ground-water levels, Number of Measurements: 47

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1997-03-12	13.52		1997-02-12	13.88	
1997-01-16	14.32		1996-12-20	14.74	
1996-11-13	15.81		1996-10-16	15.72	
1996-09-04	14.92		1996-08-06	14.63	
1996-07-02	15.22		1996-06-05	14.95	
1996-04-29	15.05		1996-04-02	16.05	
1996-03-04	16.77		1996-02-09	17.22	
1996-01-16	18.75		1995-12-04	19.11	
1995-11-01	19.69		1995-11-01	19.69	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-10-03	20.02		1995-10-03	20.02	
1995-09-12	19.90		1995-09-12	19.9	
1995-08-03	18.96		1995-08-03	18.96	
1995-07-07	18.68		1995-07-07	18.68	
1995-06-07	18.44		1995-06-07	18.44	
1995-05-01	18.23		1995-05-01	18.23	
1995-04-03	17.94		1995-04-03	17.94	
1995-03-06	18.41		1995-03-06	18.41	
1992-09-14	18.76		1992-05-11	18.47	
1991-12-27	18.55		1991-12-17	18.48	
1991-11-08	18.05		1991-10-29	17.92	
1991-09-09	17.12		1991-08-01	16.56	
1991-07-29	16.57		1991-06-21	16.19	
1991-05-30	15.70		1991-02-26	16.60	
1990-05-17	13.9				

**G21  
SSW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS2156021**

Agency cd:	USGS	Site no:	394242075033002
Site name:	USGS TPE-2 MED-DEEP OBS		
Latitude:	394242		
Longitude:	0750330	Dec lat:	39.71178139
Dec lon:	-75.0579492	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	34
State:	34	County:	015
Country:	US	Land net:	WASHINGTON TWP
Location map:	PITMAN EAST QUAD	Map scale:	24000
Altitude:	156.20	Altitude method:	L
Altitude accuracy:	.01	Altitude datum:	NGVD29
Hydrologic:	CohanseyMaurice. New Jersey. Area = 1060 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19900522
Date inventoried:	19900621	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	COHANSEY SAND-KIRKWOOD FORMATION		
Well depth:	75	Hole depth:	75
Source of depth data:	driller	Project number:	151058
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:	1991-03-21
Water quality data end date:	1994-06-22	Water quality data count:	4
Ground water data begin date:	1990-05-22	Ground water data end date:	1997-03-12
Ground water data count:	49		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 49

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1997-03-12	13.53		1997-02-12	13.88	
1997-01-16	14.33		1996-12-20	14.75	
1996-11-13	15.81		1996-10-16	15.73	
1996-09-04	14.92		1996-08-06	14.64	
1996-07-02	15.22		1996-06-05	14.95	
1996-04-29	15.05		1996-04-02	16.05	
1996-03-04	16.77		1996-02-09	17.23	
1996-01-16	18.75		1995-12-04	19.11	
1995-11-01	19.71		1995-11-01	19.71	
1995-10-03	20.02		1995-10-03	20.02	
1995-09-12	19.92		1995-09-12	19.92	
1995-08-03	18.95		1995-08-03	18.95	
1995-07-07	18.69		1995-07-07	18.69	
1995-06-07	18.44		1995-06-07	18.44	
1995-05-01	18.24		1995-05-01	18.24	
1995-04-03	17.94		1995-04-03	17.94	
1995-03-06	18.41		1995-03-06	18.41	
1992-09-14	17.98		1992-05-11	17.69	
1992-04-29	17.64		1991-12-27	17.77	
1991-12-17	17.70		1991-11-08	17.26	
1991-10-29	17.13		1991-09-09	16.35	
1991-08-01	15.78		1991-07-29	16.12	
1991-06-21	15.42		1991-05-30	14.93	
1991-03-22	16.00		1991-02-26	15.81	
1990-05-22	13.9				

**F22  
East  
1/2 - 1 Mile  
Higher**

**NJ WELLS NJ3126047**

Well Permit:	31-26047	Well Id:	3126047
GWSI:	151087	Wellrec:	31:22:839
BWA:	5194	Facility Id:	17
PWS Id:	0818004	Owner:	Washington Twp MUA
Well facility Id:	044	Well Name:	Well 10
System Name:	Not Reported	Fips:	15090
Address:	Rte 555 & Highland Ave	Lot:	26
Municipality:	Washington Twp		
County:	Gloucester		
Quad:	128		
Quad Name:	Pitman East NJ		
Block:	115		
Well Use:	Public Community Supply		
Latitude:	394319.57	North Y Coord:	324179.277
Well Status:	Operational	Finished Depth:	103
Longitude:	750156.358	Ref Elev:	Not Reported
GPS Description:	wellhead		
East X Coord:	342508.846		
Date Completed:	02/02/1987		
Location Method:	GPS Satellite		
Borehole Depth:	107		
Surface Elev:	160		
Elevation comment:	Not Reported		
Elevation Method:	Interpolated from Topographic Map		
Casing Hgt:	Not Reported	Casing Lgth:	82.5

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing diameter:	24	Top of Open Int:	82.5
Bot of Open Int:	103	Screen Dia:	24
Natural Flow:	Not Reported	Date Tested:	09/11/1987
Groundwater Elev:	Not Reported	Static Wat Lev:	21
Pumping Wat Lev:	62	Drawdown:	41
Test Length:	510	Discharge rate:	1086
Specific Cap:	26.49	Pumping Cap:	1000
Driller:	Hydro Group Inc	License:	0729
Drilling Method:	Reverse Rotary		
Geologic Name:	Cohansey & Kirkwood Formations		
Geologist:	Not Reported		
Hydrologic Name:	Kirkwood-Cohansey water-table aquifer system		
Open Intervals:	1		
Confinement Stat:	Unconfined		
Pump Rate:	1000		
Pumping Source:	WA		
Watershed:	Maurice, Salem, and Cohansey		
Province:	Inner Coastal Plain		

**Drillers Comments 1:**

0-1 gravel fill; 1-6 sand and coarse gravel; 6-11 fine to medium sand; 11-13 clay with sand and gravel; 13-21 sand and gravel; 21-25 medium to fine sand; 25-35 medium to coarse sand, some clay; 35-49 medium to coarse sand; 49-55 fine to medium sand, some gravel; 55-58 sand with clay streaks; 58-65 fine to medium sand; 65-70 fine to medium white sand with small clay streaks; 70-75 fine to coarse sand, gravel, streaks of iron ore and clay; 75-103 fine to coarse sand and gravel, small clay streaks, iron ore; 103-107 clay

## **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON**

### **AREA RADON INFORMATION**

Federal EPA Radon Zone for GLOUCESTER County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Not Reported

# 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. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 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 from the U.S. Fish and Wildlife Service.

### **New Jersey State Wetlands**

Source: New Jersey Department of Environmental Protection

This data was obtained by EDR in 2002 from the New Jersey Department of Environmental Protection.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation 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.

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

### **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.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STATE RECORDS

### **New Jersey Public-Community Water-Supply Wells**

Source: Department of Environmental Protection, Geological Survey  
Telephone: 609-984-6587

### **New Jersey Monitoring Wells**

Source: Department of Environmental Quality  
Telephone: 609-984-6587

Ambient Groundwater Quality of the New Jersey Part of the Newark Basin. Natural groundwater quality in the Newark Basin summarize natural groundwater quality in sedimentary bedrock formations of the Newark basin part of the Piedmont physiographic province of New Jersey.

## RADON

### **State Database: NJ Radon**

Source: Department of Environmental Protection  
Telephone: 609-984-5425  
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