

PARTNER

HUD COMPLIANT PHASE I ENVIRONMENTAL SITE ASSESSMENT

Southern Ocean Center

1361 Route 72 West
Manahawkin, New Jersey 08050

Assessment Date: October 19, 2016

Report Date: December 2, 2016

Partner Project No. 16-172634.16

RIMS Project No: G-16-01556-70-1

Prepared for

KEYBANK NATIONAL ASSOCIATION

Cleveland, Ohio 44114



Engineers who understand your business

December 2, 2016

KeyBank National Association
127 Public Square
Cleveland, Ohio 44114

Subject: HUD Compliant Phase I Environmental Site Assessment
Southern Ocean Center
1361 Route 72 West
Manahawkin, New Jersey 08050
Partner Project No. 16-172634.16
RIMS Project No: G-16-01556-70-1

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *HUD Compliant Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Standard Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and the HUD Healthcare Mortgage Insurance Program, Section 232 of the National Housing Act (A HUD Handbook), dated January 19, 2017 (effective date).

This assessment included a site reconnaissance on October 19, 2016 as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to KeyBank National Association. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (443) 455-1637.

Sincerely,



Bradley K. Fountain
National Client Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a HUD Compliant Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and the HUD Healthcare Mortgage Insurance Program, Section 232 of the National Housing Act (A HUD Handbook), dated January 19, 2017 (effective date) for the property located at 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey (the "subject property"). The Phase I Environmental Site Assessment is designed to provide KeyBank National Association with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property at 1361 Route 72 West in Manahawkin, New Jersey is located on the west side of Route 72/Barnegat Road within a mixed commercial/residential/undeveloped area of Ocean County. Please refer to the table below for further description of the subject property:

Subject Property Data

Address(es):	1361 Route 72 West, Manahawkin, New Jersey
Property Use:	Skilled Nursing Facility
Land Acreage (Ac):	5.338 Ac
Number of Buildings:	One
Number of Floors:	Two
Gross Building Area (SF):	54,606 SF (Total)
Date of Construction:	1994
Assessor's Parcel Number (APN):	Block 13, Lot 35.03
Type of Construction:	Concrete Tilt-Up/Brick/Wood-Framed
Number of Beds / Rooms:	136 beds / 72 rooms (8 private; 64 semi-private)
Current Tenants:	Southern Ocean Center
HUD Project Type:	232 / 223(f)
Site Assessment Performed By:	Jonathan Watson of Partner
Site Assessment Conducted On:	October 19, 2016

The subject property is currently occupied by Southern Ocean Center for healthcare use. Onsite operations consist of medical and patient care associated with short-stay rehabilitation and long-term respite and hospice stays; associated administrative work; and routine facility maintenance. In addition to the resident rooms, the structure contains dining rooms, a beauty salon, an activity room, a laundry room, a sunroom, and other miscellaneous amenities. In addition to the current structure, the subject property is also improved with courtyards, asphalt-paved parking areas, associated landscaping, storage sheds, and drainage features.

According to available historical sources, the subject property was formerly undeveloped as early as 1888 and developed with the current structure in 1994. Tenants on the subject property have included Genesis

Southern Healthcare (2003-Present). No potential environmental concerns were identified in association with the current or former use of the subject property.

The immediately surrounding properties consist of undeveloped woodlands to the north; SOCH Medical Group (1301 NJ 72) to the south; Stafford Diner (1388 NJ-72), Stafford Medical PA (1364 NJ-72) and The Pavilion Shopping Center (1340 NJ-72) across Route 72 West/Barneget Road to the east; and undeveloped woodlands to the west.

According to information obtained from the United States Geologic Survey and topographic map interpretation, depth to the high water table is anticipated between 15 and 25 feet below ground surface (bgs) and flow toward the southeast.

Findings

Report Section	HUD Compliance Items	Formal Compliance Steps or Mitigation Required?	Compliance Determination
2.4.4	Floodplain Management - Executive Order 11988, particularly section 2(a); 24 CFR Part 55 (Flood Insurance - [42 USC 4001-4128 and 42 USC 5154a])	N	
2.4.5	Wetlands Protection - Executive Order 11990, particularly sections 2 and 5	N	
3.1	Clean Air - Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	N	
3.2	Asbestos - Comprehensive Building Asbestos Surveys, "Baseline Survey", ASTM E2356-14	N	
3.3	Lead Paint - 24 CFR 35.92 and 40 CFR 745.113	N	
3.4	Renovation, Repair and Painting Rule	N	
3.5	Radon - HUD guidelines; American Association of Radon Scientists and Technologists (AARST), Protocol for Conducting Radon and Radon Decay Product Measurements in Large Buildings and Schools (ANSI-AARST MALB-2014)	N	(1)
3.6	Historic Preservation - National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	N	
3.7	Noise Analysis - Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	N	(2)
3.8	Hazardous Industrial Operations (Explosive and Flammable Hazards) - 24 CFR Part 51 Subpart C; Acceptable Separation Distance	N	(3)
3.9	Airport Hazard - 24 CFR Part 51 Subpart D	N	
3.10	Endangered or Threatened Species or Habitats - Endangered Species Act of 1973, particularly	N	

	section 7; 50 CFR Part 402		
3.11	Sole Source Aquifer Recharge Area - Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	N	
3.12	Coastal Barriers - Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	N	
3.13	Coastal Management Zone - Coastal Zone Management Act, sections 307(c) & (d)	N	
3.14	Farmlands Protection - Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	N	(4)
3.15	Environmental Justice – Executive Order 12898	N	
3.16	Other Federal or State Laws (Wild and Scenic Rivers)	N	
3.17	Additional Hazards and Nuisances	N	
3.18	Natural and/or Built Hazards and Nuisances	N	
Appendix B	Contamination and Toxic Substances - 24 CFR Part 50.3(i) & 58.5(i)(2)	N	Refer to Appendix B, Sections 4.2 and VEC Report

- (1) Per HUD guidelines, radon testing is required for all EPA January 31 and February 2, 2017. The radon sampling was conducted per HUD guidelines, which references the American Association of Radon Scientist and Technologists (AARST) Measures in Large Buildings (MALB), 2014, *Protocol for Conducting Radon and Radon Decay Product Measurements in Schools and Large Buildings*. A total of 21 charcoal radon canisters were deployed within large areas every 2,000 square feet, 25% of the ground contact units and 10% of the units on the second floor at the subject property. According to the analytical data, radon was not detected above the EPA Action Limit (4.0 pCi/L) for radon in large buildings. While one radon device was tampered with during the testing activities, because the radon levels were all below the EPA action limit, no additional assessment activities appear warranted at this time. A copy of the Radon Survey Report is included under a separate cover.
- (2) A total 10-year day-night sound level (DNL) of 66.4 decibels (dB) (66 dB when rounded to whole numbers) was calculated for the subject property, combining roadway, railway and airport noise levels. This level is considered “Normally Unacceptable” without engineering modifications according to HUD guidelines. It should be noted the subject property is an existing healthcare facility, and noise reduction options are limited due to the developed area surrounding the subject property, and the strict ordinances in place by Ocean County with regard to the installation of new structures (noise barriers, deflection materials, etc.). Partner did not observe excessive vehicular noise from nearby roadways or railway lines at the time of the site reconnaissance. For rehabilitation and financing, noise exposure by itself will not result in the

rejection of existing properties for insurance, but will be considered as a marketability factor. Based on our observations and conversations with on-site management, there have been no noise related complaints and vacancy rates have not been negatively impacted due to noise concerns. As such, no further assessment appears warranted at this time.

- (3) Partner observed a 200-gallon aboveground storage tank (AST) for the storage of diesel fuel for the emergency generator on the subject property. The generator and AST are located in a landscaped area approximately 10 feet west of the structure. The AST is a belly tank and is not equipped with additional secondary containment. No staining, leaks or spills were noted in the vicinity of the AST, and no releases have been reported to the New Jersey Department of Environmental Protection (NJ DEP). According to HUD guidelines for explosive hazardous materials, diesel fuel is considered to be an explosive hazardous material. Therefore, the following acceptable separation distances (ASDs) were calculated for the 200-gallon AST, in accordance with HUD guidelines included in 24 CFR Part 51 Subpart C:

ASD for Thermal Radiation for Buildings (ASDBPU) is 23.89 feet; and

ASD for Thermal Radiation for People (ASDPPU) is 141.45 feet.

Results indicate the 200-gallon AST is not located at an unacceptable distance for people / outdoor areas of gathering but is at an acceptable distance for the subject building. A request for a Conformance Letter was submitted to the Stafford Township Fire Department (FD) indicating that the current status/location of the onsite emergency generator, belly tank and associated contents are not considered a hazard. According to a written response from the fire department, the AST is in conformation with applicable local safety ordinance and is not considered a hazard. As such, no additional action appears warranted at this time.

- (4) The subject property is an existing healthcare facility and because the project does not convert agricultural land to non-agricultural land, the Federal Farmland Protection Policy Act (FPPA) is not triggered. However, according to the United States Department of Agricultural (USDA) mapped soil information, the onsite soils are rated as "Farmland of statewide importance", "All areas are prime farmland" and "Not prime farmland". The threshold for agency review is for "properties proposed for new construction and rehabilitation that expands the footprint of the building." According to the Property Management, there are no proposed plans to convert the subject property from its current use. As such, no additional action regarding FPPA is warranted at this time.
- (5) A Vapor Encroachment worksheet and Vapor Encroachment Screen (VEC) was completed by Partner and provided by EDR. The VEC was performed using Tier 1 non-invasive screening pursuant to ASTM E 2600-10 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, Section 8". Based on the findings of the Tier I screen, VEC and details outlined within the Phase I ESA, vapor intrusion can be ruled out because a VEC does not or is not likely to exist. As such, no further or additional assessment is recommended.

Conclusions, Opinions and Recommendations

Partner has performed a HUD Compliant Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the HUD Healthcare Mortgage Insurance Program, Section 232 of the National Housing Act (A HUD Handbook), dated January 19, 2017 (effective date) of 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey (the "subject property"). Any exceptions to or deletions from this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property; however, environmental issues and *HUD HEROS and Compliance Items* were identified. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.2	Scope of Work	1
1.3	Limitations.....	1
1.4	User Reliance.....	2
2.0	SITE DESCRIPTION	3
2.1	Site Location and Legal Description	3
2.2	Current Property Use	3
2.3	Current Use of Adjoining Properties	3
2.4	Physical Setting Sources.....	4
2.4.1	Topography	4
2.4.2	Hydrology.....	4
2.4.3	Geology/Soils	4
2.4.4	Flood Zone Information.....	5
2.4.5	Wetlands	5
3.0	HUD COMPLIANCE ITEMS	6
3.1	Air Quality	6
3.2	Asbestos-Containing Materials (ACMs).....	6
3.3	Lead-Based Paint (LBP).....	6
3.4	The Renovation, Repair and Painting Rule	6
3.5	Radon.....	7
3.5	Historic Preservation.....	8
3.6	Noise Analysis	8
3.7	Hazardous Industrial Operations	10
3.8	Airport Hazard.....	10
3.9	Endangered or Threatened Species or Habitats.....	11
3.10	Sole Source Aquifer Recharge Area	11
3.11	Coastal Barriers	11
3.12	Coastal Management Zone.....	11
3.13	Farmlands Protection.....	11
3.14	Environmental Justice	12
3.15	Other Federal or State Laws	12
3.16	Additional Hazards and Nuisances.....	12
3.17	Natural and/or Built Hazards and Nuisances.....	12
4.0	FINDINGS AND CONCLUSIONS.....	13
5.0	SIGNATURES OF ENVIRONMENTAL PROFESSIONALS	16
4.0	REFERENCES.....	17

Appendices

Appendix A

Section 1 – HUD 4128 and LEAN Spreadsheet
Section 2 – FEMA Flood Map, National Wetland Map
Section 3 – Air Quality SIP Plan / VEC Report
Section 4 – State Historic Preservation Office (SHPO)
Section 5 – Noise – Roadway, Railway and Airport Information
Section 6 – Acceptable Separation Calculation (ASD), if applicable
Section 7 – US Fish and Wildlife Endangered Species
Section 8 – Sole Source Aquifer Map
Section 9 – Coastal Barrier / Management Zone Map / Prime Farmland
Section 10 – Environmental Justice Map
Section 11 – Wild and Scenic Rivers

Appendix B

Standard ASTM Standard Practice E1527-13, including figures and appendices

Appendix C

Asbestos Laboratory Analytical Results / Asbestos Operations and Maintenance Plan, if warranted

1.0 INTRODUCTION

1.2 Scope of Work

The report outlined herein is in general accordance with the Housing and Urban Development (HUD) Healthcare Mortgage Insurance Program, Section 232 of the National Housing Act (A HUD Handbook), dated January 19, 2017 (effective date) (LEAN). Supporting documentation for HUD compliance items are included within Appendix A.

Also, the scope of work for this ESA is in general accordance with the requirements of ASTM Standard Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment (ESA) Process; the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and outlined within the Partner Phase I ESA included in Appendix B of this report.

This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; 5) a review of a regulatory database report provided by a third-party vendor and 6) Client provided documents, if available.

1.3 Limitations

Partner warrants the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the All Appropriate Inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a HUD Compliant Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

KeyBank National Association engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of KeyBank National Association, KeyBank National Association (KeyBank) and the U.S. Department of Housing and Urban Development (HUD). Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 1361 Route 72 West in Manahawkin, New Jersey is located on the west side of Route 72/Barnegat Road. According to the Ocean County Assessor, the subject property is legally described as *Block 13, Lot 35.03*, and ownership is currently vested in Stafford Association of NJ Healthcare REIT since 1997.

Please refer to Figure 1: Site Location Map, Figure 2: Topographic Map, Figure 3: Site Plan, and Appendix B: Phase I ESA, which includes site photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently occupied by Southern Ocean Center for healthcare use. Onsite operations consist of medical and patient care associated with short-stay rehabilitation and long-term respite and hospice stays; associated administrative work; and routine facility maintenance. In addition to the resident rooms, the structure contains dining rooms, a beauty salon, an activity room, a laundry room, a sunroom, and other miscellaneous amenities. In addition to the current structure, the subject property is also improved with courtyards, asphalt-paved parking areas, associated landscaping, storage sheds, and drainage features.

The subject property is designated for Highway Medical Commercial development, HMC, by the Township of Stafford.

The subject property was identified as a Facility Index System (FINDS) and New Jersey Environmental Management System (NJEMS) site in the regulatory database report, as noted in Appendix B, Section 4.2. The listings are related to the facility's requirement to register emergency generator activity. No further information was provided within the database report. Based on the regulatory status, this listing is not expected to represent a significant environmental concern.

2.3 Current Use of Adjoining Properties

The subject property is located within a mixed commercial and residential area of Ocean County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties

North: Undeveloped woodlands

South: SOCH Medical Group (1301 NJ 72)

East: Stafford Diner (1388 NJ-72), Stafford Medical PA (1364 NJ-72), and The Pavilion Shopping Center (1340 NJ-72) across Route 72 West/Barnegat Road

West: Undeveloped woodlands

The adjacent property to the east was identified as a Drycleaners and Historic Cleaners site in the regulatory database report of Appendix B, Section 4.2 Based on the distance to the subject property

boundary, lack of noted spills, and the regulatory oversight, this listing is not expected to represent a significant environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *West Creek, New Jersey* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 60 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the southeast. The subject property is depicted on the 2014 map as undeveloped.

Please refer to Figure 2: Topographic Map, which is included within Appendix B: Phase I ESA.

2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater in the vicinity of the subject property is inferred to flow toward the southeast. The nearest surface water in the vicinity of the subject property is the Mill Creek located approximately 1,625 feet south of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Stafford Township Water & Sewer Utility Department serves the subject property vicinity. According to a representative, shallow groundwater beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Manahawkin is from the Atlantic City "800-foot" Sand Aquifer System, Kirkwood-Cohansey Water-table Aquifer System.

Information specific to the subject property regarding the depth to groundwater and direction of groundwater flow was not available for the subject area. However, according to information obtained from the United States Geologic Survey and topographic map interpretation, depth to the high water table is anticipated between 15 and 25 feet below ground surface (bgs).

It should be noted that ground water levels, as measured in wells, fluctuate both seasonally and over longer periods in response to changes in frequency and amounts of infiltrating precipitation. In general, ground water levels are lowest in the fall and early winter and highest in late winter and spring. In scattered years lows and highs may deviate from this pattern.

2.4.3 Geology/Soils

The subject property is situated within the Coastal Plain physiographic province of the State of New Jersey. The Coastal Plain extends from Sandy Hook to Cape May and inland to the Delaware River. Strata lie on top of Paleozoic crystalline basement rocks. The region is underlain by poorly consolidated sedimentary formations of Cretaceous, Tertiary, and Quaternary age that gently dip seaward.

Based on information obtained from the USDA Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as Downer loamy sand. The Downer series consists of

very deep, well drained, moderate or moderately rapid permeable soils that formed in loamy fluviomarine deposits. These soils are on broad Coastal Plains. Slopes range from 0 to 5 percent.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 34029C0485F, dated September 29, 2006, the subject property appears to be located in Unshaded Flood Zone X, defined as "areas determined to be outside the 0.2% annual chance floodplain.

FEMA maps typically do not reflect potential local drainage problems or the ability of the local storm water management system to convey the surface water runoff created by storms or other occurrences, and Partner expresses no opinion in this regard.

A copy of the reviewed flood map is included in Appendix A of this report.

2.4.5 Wetlands

According to the U.S. Fish & Wildlife Service National Wetlands Inventory website, there are no federally regulated wetlands located on or adjacent to the subject property. Additionally, Partner did not observe vegetation characteristic of wetlands, such as drainage ways, streams, rivers, ponds, marshes, bogs, swamps, or other wetlands on the subject property during the onsite observations.

A copy of the reviewed wetland map is included in Appendix A of this report.

3.0 HUD COMPLIANCE ITEMS

3.1 Air Quality

According to the Environmental Protection Agency (EPA), State Implementation Plan website, the subject property is not within a non-attainment air quality zone for lead (Pb), Ozone, Particulate Matter or Sulfur Dioxide. A copy of the State's Air Quality Implementation Plan is included within the report appendices. No additional action appears warranted at this time.

3.2 Asbestos-Containing Materials (ACMs)

According to HUD Guidelines, a comprehensive building asbestos survey pursuant to the "baseline survey" requirements of ASTM E 2356-10 that can be found under a separate cover must be performed by a qualified asbestos inspector on any building built before 1978. The subject property building was constructed circa 1994, which is beyond HUD's cutoff date for asbestos. As such, an asbestos evaluation was not required by HUD.

NESHAP regulations require sampling potential ACM prior to demolition or extensive renovation, regardless of the date of construction; therefore, if such activities are planned, it may be required to conduct a survey of the entire facility, or that portion slated for renovation or demolition, before initiating such destructive activities. That survey should include an assessment of all subject building materials, including those in areas which are normally inaccessible. Any material found to be ACM should be handled in accordance with applicable regulations.

3.3 Lead-Based Paint (LBP)

The subject property is utilized as a healthcare facility. As such, in accordance with Title X, since the subject property is not a child-occupied facility, lead-based paint testing is not required as part of this assessment.

The Title X Regulations defines "target housing" as *any housing constructed prior to 1978, except housing for the elderly or persons with disabilities (unless a child of less than 6 years of age resides or is expected to reside in such housing for the elderly or persons with disabilities), any zero- bedroom dwelling (such as an efficiency apartment, studio apartment, dormitory housing) and rental housing certified as "lead-free" by a certified inspector. In the case of jurisdictions which banned the sale or use of lead-based paint prior to 1978, HUD may designate an earlier date.*

3.4 The Renovation, Repair and Painting Rule

Common renovation activities like sanding, cutting, and demolition can create hazardous lead dust and chips by disturbing lead-based paint, which can be harmful to adults and children.

On April 22, 2008, EPA issued a rule requiring the use of lead-safe practices and other actions aimed at preventing lead poisoning (40 Code of Federal Regulations (CFR) 745). Under the rule, beginning on April

22, 2010, contractors performing renovation, repair and painting (RRP) projects that disturb lead-based paint in homes, child care facilities, and schools built before 1978 must be certified and must follow specific work practices to prevent lead contamination. Until that time, HUD and EPA recommend that anyone performing renovation, repair, and painting projects that disturb lead-based paint in pre-1978 homes, child care facilities and schools follow lead-safe work practices. However, since the subject property is not a child-occupied facility or is pre-1978 home, the Renovation, Repair and Painting Rule is not required as part of this assessment.

While not considered an environmental condition for the subject property and maintenance personnel, any independent contractors conducting renovation / demolition actions should be properly trained on Lead Safe Work Practices in accordance with the April 22, 2010 Renovation, Repair and Painting Program (RRP). Any abatement, remediation and /or mitigation measures will be implemented by the independent contractor as warranted. Additional information on the RRP is available on the EPA website.

3.5 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	Average Predicted Radon Levels	Potential
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 3, where average predicted radon levels are less than 2.0 pCi/L. Per HUD guidelines, radon testing is required for all EPA January 31 and February 2, 2017. The radon sampling was conducted per HUD guidelines, which references the American Association of Radon Scientist and Technologists (AARST) Measures in Large Buildings (MALB), 2014, *Protocol for Conducting Radon and Radon Decay Product Measurements in Schools and Large Buildings*. A total of 21 charcoal radon canisters were deployed within large areas every 2,000 square feet, 25% of the ground contact units and 10% of the units on the second floor at the subject property. According to the analytical data, radon was not detected above the EPA Action Limit (4.0 pCi/L) for radon in large buildings. While one radon device was tampered with during the testing activities, because the radon levels were all below the EPA action limit, no additional assessment activities appear warranted at this time. A copy of the Radon Survey Report is included under a separate cover.

3.5 Historic Preservation

Based on the historical review, the subject property is not improved with a structure 50 years or more in age. According to the online National Register Information System (NRIS) database, the subject property is not listed on or eligible for listing on the National Register of Historic Places.

Partner contacted the Stafford Township Building Department on October 12, 2016 and the New Jersey Historic Preservation Office on November 2, 2016 for information regarding the historic preservation of the subject property. According to SHPO response, there are no historic properties affected within the project area of potential affect. Therefore, no further consultation is warranted at this time.

3.6 Noise Analysis

Partner assessed the subject property in general accordance with HUD guidelines, as specified in "*The Noise Guidebook*". According to these guidelines, the subject property was assessed to determine whether it is located within 1,000 feet of a freeway, major highway, or busy road; within 3,000 of a railroad; within five miles of a civil airport; or, within 15 miles of a military airfield.

The acceptability of noise for the HUD criteria calls for a day-night average sound level (DNL) of less than 65 decibels. Any DNL above 75 decibels is deemed unacceptable. DNL values between 65 and 75 decibels may be acceptable through engineering adjustments to the subject property. A discussion of the noise assessment is presented below.

3.6.1 Roadways

Barnegat Road, a four-lane roadway located adjacent to and east of the subject property is the nearest roadway to the subject property. According to the New Jersey Department of Transportation, average daily traffic counts (ADT) for this roadway in 2015 consisted of approximately 15,632 vehicles. Partner estimated approximately 3.0% were medium and large trucks. Based on this information, the adjusted ADT consists of approximately 15163 automobile vehicles and 468 medium and large trucks for this roadway. Based on the predominantly developed area of this section of Manahawkin, these ADTs were increased 0.5% per year until year 2026, where the ADT was estimated to be 16,098 automotive vehicles and 498 medium and large trucks.

The noise assessment location (NAL) was calculated by Partner to be approximately 120 feet from the center of the nearest subject property building to the center of Barnegat. Based on this information, a total DNL for Washington Lane was calculated to be **66.4 dB (66 dB** when rounded to whole numbers), based on the online HUD Noise Assessment Guidelines and online calculator. This level is considered normally considered "Normally Unacceptable" without engineering modifications according to HUD guidelines. It should be noted the subject property is an existing healthcare facility, and noise reduction options are limited due to the developed area surrounding the subject property, and the strict ordinances in place by Ocean County with regard to the installation of new structures (noise barriers, deflection materials, etc.). Partner did not observe excessive vehicular noise from nearby roadways or railway lines at

the time of the site reconnaissance, and no complaints have reportedly been submitted to property management regarding excessive noise sources.

Based on this information, it is Partner's opinion that noise barriers, dampening or deflection materials, or noise reduction materials installed within the subject property buildings are not warranted. The property management reported no concerns with marketability issues at the subject property due to roadway noise. Completion of the online HUD calculator providing visual indications of DNL affecting the Property have been prepared and are included in the appendices of this report.

3.6.2 Railways

The subject property is not located within 3,000 feet of a railroad line.

3.6.3 Airports

No national, municipal or regional airports or military airfields were noted within a 15-mile radius of the subject property. However, approximately 5 airport listings were identified within a 15-mile radius of the subject property. These airports included landing strips, heliports, farm fields, recreational facilities and hangars. According to online Federal Aviation Administration (FAA) information, these airfields are not required to have AICUZ (noise contour) Maps prepared for their current airfield operations. The subject property is not located within 1-mile of the runways of these airports. Based on this information, noise levels at the subject property above HUD guidelines are not anticipated from these airport listings, and DNL calculations were not prepared or deemed necessary.

The subject property is not located within five miles of a civil airport or 15 miles of a military airfield.

3.6.4 Noise Calculation Results

A 10-year total DNL of 66.4 dB (66 dB when rounded to whole numbers) was calculated for the subject property, combining the roadway, railway and airport noise levels. This level is considered "Normally Unacceptable" without engineering modifications according to HUD guidelines. It should be noted the subject property is an existing healthcare facility, and noise reduction options are limited due to the developed area surrounding the subject property, and the strict ordinances in place by Ocean County with regard to the installation of new structures (noise barriers, deflection materials, etc.). Partner did not observe excessive vehicular noise from nearby roadways or railway lines at the time of the site reconnaissance, and no complaints have reportedly been submitted to property management regarding excessive noise sources.

For rehabilitation and financing, noise exposure by itself will not result in the rejection of existing properties for insurance, but will be considered as a marketability factor. Based on our observations and conversations with on-site management, there have been no noise related complaints and vacancy rates have not been negatively impacted due to noise concerns. As such, no further assessment appears warranted at this time.

HUD calculations providing visual indications of DNL currently affecting the subject property have been prepared and are included in the appendices.

3.7 Hazardous Industrial Operations

Based on the site reconnaissance, no existing industrial facilities handling explosive or fire-prone materials such as liquid propane, gasoline, diesel fuel of 100-gallons or larger are adjacent to and/or visible from the subject property, including from online satellite imagery (when available).

Based on the regulatory review, previously discussed in the Phase I ESA and as defined by ASTM E1527-13, no existing registered UST/AST facilities containing fire-prone materials such as liquid propane, gasoline, diesel fuel of 100-gallons or larger were identified within ¼-mile of the subject property.

However, there is one 200-gallon diesel AST located beneath the emergency generator on the western side of the building, approximately 10 feet from the western exterior elevation. The AST is not equipped with additional secondary containment. No staining, leaks or spills were noted in the vicinity of the AST, and no releases have been reported to the NJ DEP. Based on its age, regulatory status, and infrequent use (used solely for back-up support), the 200-gallon AST containing diesel fuel is not expected to represent a significant environmental concern for the subject property at this time.

According to HUD guidelines for explosive hazardous materials, diesel fuel is considered to be an explosive hazardous material. Therefore, the following ASDs were calculated for the diesel fuel 200-gallon AST, in accordance with HUD guidelines included in 24 CFR Part 51 Subpart C:

- ASD for Thermal Radiation for Buildings (ASDBPU) is 23.89 feet; and
- ASD for Thermal Radiation for People (ASDPPU) is 141.45 feet.

Results indicate the 200-gallon AST is not located at an unacceptable distance for people / outdoor areas of gathering but is at an acceptable distance for the subject building. A request for a Conformance Letter was submitted to the Stafford Township Fire Department (FD) indicating that the current status/location of the onsite emergency generator, belly tank and associated contents are not considered a hazard. According to a written response from the fire department, the AST is in conformation with applicable local safety ordinance and is not considered a hazard. As such, no additional action appears warranted at this time.

HUD calculations providing visual indications of ASDs currently affecting, and that will prospectively affect, the subject property have been prepared and are included in the appendices.

3.8 Airport Hazard

The subject property is not located within 3,000 feet from the end of a runway at a civil airport. The closest runway of the Ocean County Airport is located approximately 13.6 miles to the north of the subject property.

Additionally, the subject property is not located within 2.5 miles from the end of a military airfield. The closest runway of the Naval Air Engineering Station Lakehurst airfield is located approximately 22 miles to the north of the subject property.

3.9 Endangered or Threatened Species or Habitats

Partner reviewed the online U.S. Fish & Wildlife Service (USFW), Information for Planning and Conservation (IPaC) database for endangered and threatened species and critical habitats within Ocean County. A summary of the IPaC database indicates three endangered, and no critical habitats are within Ocean County.

A list of identified federally protected species is located in Appendix H – Section 4.

In accordance with HUD guidelines concerning the Endangered Species Act of 1973, the subject property not being new construction and being assessed for financing purposes not conversion purposes, the USFW does not need to be contacted to determine if the subject property will adversely affect any federally listed endangered or threatened species or their critical habitat as defined by the Endangered Species Act of 1973. The subject property is currently developed. The proposed financing actions at the property will not likely adversely affect species or habitats identified within the IPaC Report.

3.10 Sole Source Aquifer Recharge Area

Based on a review of the *Designated Sole Source Aquifers National Map*, published by the USEPA, the subject property is not located in a sole source aquifer recharge area.

The water supply for the subject property is tied into the public utilities; therefore, it does not impact existing groundwater conditions.

3.11 Coastal Barriers

The subject property is not located within a coastal barrier as designated by FEMA or the Department of the Interior (DOI).

3.12 Coastal Management Zone

According to the NJ DEP Land Use Management Department's New Jersey Coastal Atlas, the subject property is not located within a designated Coastal Management Zone.

3.13 Farmlands Protection

The subject property is an existing healthcare facility and because the project does not convert agricultural land to non-agricultural land, the Federal Farmland Protection Policy Act (FPPA) is not triggered. However, according to the USDA mapped soil information, the onsite soils are rated as "Farmland of statewide importance", "All areas are prime farmland" and "Not prime farmland". The threshold for agency review is for "properties proposed for new construction and rehabilitation that expands the footprint of the building." According to the Property Management, there are no proposed

plans to convert the subject property from its current use. As such, no additional action regarding FPPA is warranted at this time.

3.14 Environmental Justice

These land uses are not expected to have a detrimental environmental impact on the subject property.

According to the Environmental Protection Agency (EPA) Environmental Justice online database, there are no other adjacent facilities identified as sites of environmental concern, which include Brownfields, Superfund, Hazardous Waste, Air Emission, Water Discharge, and Toxic Release sites. Therefore, no disproportionately high or adverse effects on minority or low-income populations are anticipated and environmental justice does not appear to be triggered.

3.15 Other Federal or State Laws

No unique natural features or areas were identified within visible distance of the subject property. Unique natural features or areas include bluffs, cliffs, public or private scenic areas, and/or special natural resources on the property or in the vicinity of the property.

The subject property is not located within a one-mile radius of a designated Wild and Scenic River. Therefore, consultation review by the National Park Service is not required. The Wild and Scenic Rivers Act protects selected rivers in a free-flowing condition and prohibits federal support for activities that would harm a designated river's free-flowing condition, water quality or outstanding resource values.

3.16 Additional Hazards and Nuisances

Partner did not observe high pressure natural gas or petroleum pipelines or pipeline easements on or adjacent to the subject property. According to the site reconnaissance, there are no natural gas or petroleum high pressure pipelines or easements located on or adjacent to the subject property.

The subject property is not located within the fall distance of a high voltage power transmission tower, or other tower.

3.17 Natural and/or Built Hazards and Nuisances

While no additional action is required at this time, radon is considered a Natural Hazard and Nuisance and is discussed in detail in Section 3.5. In addition, special flood hazard areas (SFHAs) are considered a hazard/nuisance. The subject property's flood zone designation is discussed in detail in Section 2.4.4.

No additional known natural hazards will likely affect the subject property. Natural hazards include: faults/fractures, cliffs, bluffs, crevices, slope failure from rains, unprotected water bodies, fire hazard materials, wind/sand storm concerns, poisonous plants/insects/animals, or hazardous terrain features.

No built hazards were identified during the field reconnaissance. Other built hazards include: metal electrical towers, hazardous streets, dangerous intersections, inadequate street lighting, children's play areas located next to a busy street, railroad crossings, hazardous or chemical storage, high-pressure gas or liquid petroleum transmission lines on site, oil or gas wells, or industrial operations.

4.0 FINDINGS AND CONCLUSIONS

Findings

Report Section	HUD Compliance Items	Formal Compliance Steps or Mitigation Required?	Compliance Determination
2.4.4	Floodplain Management - Executive Order 11988, particularly section 2(a); 24 CFR Part 55 (Flood Insurance - [42 USC 4001-4128 and 42 USC 5154a])	N	
2.4.5	Wetlands Protection - Executive Order 11990, particularly sections 2 and 5	N	
3.1	Clean Air - Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	N	
3.2	Asbestos - Comprehensive Building Asbestos Surveys, "Baseline Survey", ASTM E2356-14	N	
3.3	Lead Paint - 24 CFR 35.92 and 40 CFR 745.113	N	
3.4	Renovation, Repair and Painting Rule	N	
3.5	Radon - HUD guidelines; American Association of Radon Scientists and Technologists (AARST), Protocol for Conducting Radon and Radon Decay Product Measurements in Large Buildings and Schools (ANSI-AARST MALB-2014)	N	(1)
3.6	Historic Preservation - National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	N	
3.7	Noise Analysis - Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	N	(2)
3.8	Hazardous Industrial Operations (Explosive and Flammable Hazards) - 24 CFR Part 51 Subpart C; Acceptable Separation Distance	N	(3)
3.9	Airport Hazard - 24 CFR Part 51 Subpart D	N	
3.10	Endangered or Threatened Species or Habitats - Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	N	
3.11	Sole Source Aquifer Recharge Area - Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	N	
3.12	Coastal Barriers - Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	N	

3.13	Coastal Management Zone - Coastal Zone Management Act, sections 307(c) & (d)	N	
3.14	Farmlands Protection - Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	N	(4)
3.15	Environmental Justice – Executive Order 12898	N	
3.16	Other Federal or State Laws (Wild and Scenic Rivers)	N	
3.17	Additional Hazards and Nuisances	N	
3.18	Natural and/or Built Hazards and Nuisances	N	
Appendix B	Contamination and Toxic Substances - 24 CFR Part 50.3(i) & 58.5(i)(2)	N	Refer to Appendix B, Sections 4.2 and VEC Report

- (1) Per HUD guidelines, radon testing is required for all EPA January 31 and February 2, 2017. The radon sampling was conducted per HUD guidelines, which references the American Association of Radon Scientist and Technologists (AARST) Measures in Large Buildings (MALB), 2014, *Protocol for Conducting Radon and Radon Decay Product Measurements in Schools and Large Buildings*. A total of 21 charcoal radon canisters were deployed within large areas every 2,000 square feet, 25% of the ground contact units and 10% of the units on the second floor at the subject property. According to the analytical data, radon was not detected above the EPA Action Limit (4.0 pCi/L) for radon in large buildings. While one radon device was tampered with during the testing activities, because the radon levels were all below the EPA action limit, no additional assessment activities appear warranted at this time. A copy of the Radon Survey Report is included under a separate cover.
- (2) A total 10-year day-night sound level (DNL) of 66.4 decibels (dB) (66 dB when rounded to whole numbers) was calculated for the subject property, combining roadway, railway and airport noise levels. This level is considered “Normally Unacceptable” without engineering modifications according to HUD guidelines. It should be noted the subject property is an existing healthcare facility, and noise reduction options are limited due to the developed area surrounding the subject property, and the strict ordinances in place by Ocean County with regard to the installation of new structures (noise barriers, deflection materials, etc.). Partner did not observe excessive vehicular noise from nearby roadways or railway lines at the time of the site reconnaissance. For rehabilitation and financing, noise exposure by itself will not result in the rejection of existing properties for insurance, but will be considered as a marketability factor. Based on our observations and conversations with on-site management, there have been no noise related complaints and vacancy rates have not been negatively impacted due to noise concerns. As such, no further assessment appears warranted at this time.
- (3) Partner observed a 200-gallon aboveground storage tank (AST) for the storage of diesel fuel for the emergency generator on the subject property. The generator and AST are located in a landscaped area approximately 10 feet west of the structure. The AST is a belly tank and is not equipped with additional secondary containment. No staining, leaks or spills were noted in the vicinity of the AST, and no releases have been reported to the New Jersey Department of Environmental Protection (NJ

DEP). According to HUD guidelines for explosive hazardous materials, diesel fuel is considered to be an explosive hazardous material. Therefore, the following acceptable separation distances (ASDs) were calculated for the 200-gallon AST, in accordance with HUD guidelines included in 24 CFR Part 51 Subpart C:

ASD for Thermal Radiation for Buildings (ASDBPU) is 23.89 feet; and

ASD for Thermal Radiation for People (ASDPPU) is 141.45 feet.

Results indicate the 200-gallon AST is not located at an unacceptable distance for people / outdoor areas of gathering but is at an acceptable distance for the subject building. A request for a Conformance Letter was submitted to the Stafford Township Fire Department (FD) indicating that the current status/location of the onsite emergency generator, belly tank and associated contents are not considered a hazard. According to a written response from the fire department, the AST is in conformation with applicable local safety ordinance and is not considered a hazard. As such, no additional action appears warranted at this time.

- (4) The subject property is an existing healthcare facility and because the project does not convert agricultural land to non-agricultural land, the Federal Farmland Protection Policy Act (FPPA) is not triggered. However, according to the United States Department of Agricultural (USDA) mapped soil information, the onsite soils are rated as "Farmland of statewide importance", "All areas are prime farmland" and "Not prime farmland". The threshold for agency review is for "properties proposed for new construction and rehabilitation that expands the footprint of the building." According to the Property Management, there are no proposed plans to convert the subject property from its current use. As such, no additional action regarding FPPA is warranted at this time.
- (5) A Vapor Encroachment worksheet and Vapor Encroachment Screen (VEC) was completed by Partner and provided by EDR. The VEC was performed using Tier 1 non-invasive screening pursuant to ASTM E 2600-10 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, Section 8". Based on the findings of the Tier I screen, VEC and details outlined within the Phase I ESA, vapor intrusion can be ruled out because a VEC does not or is not likely to exist. As such, no further or additional assessment is recommended.

Conclusions, Opinions and Recommendations

Partner has performed a HUD Compliant Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the HUD Healthcare Mortgage Insurance Program, Section 232 of the National Housing Act (A HUD Handbook), dated January 19, 2017 (effective date) of 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey (the "subject property"). Any exceptions to or deletions from this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property; however, environmental issues and *HUD HEROS and Compliance Items* were identified. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

5.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a HUD Compliant Phase I Environmental Site Assessment of the property located at 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, the undersigned meet the definition of an *Environmental Professional* as defined in §312.10 of 40 CFR 312 and have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.


I understand that my Environmental Assessment Reports will be used by KeyBank National Association to document to the U.S. Department of Housing and Urban Development that KeyBank National Association's application for FHA multifamily mortgage insurance was prepared and reviewed in accordance with HUD requirements. I certify that my assessment was in accordance with the HUD requirements applicable on the date of my report and that I have no financial interest or family relationship with the officers, directors, stockholders, or partners of the Borrower, the general contractor, any subcontractors, the buyer or seller of the proposed property or engage in any business that might present a conflict of interest.

I am under contract for this specific assignment and have no other side deals, agreements, or financial considerations with KeyBank National Association in connection with this transaction.

Warning: Title 18 U.S.C. 1001, provides in part that whoever knowingly and willfully makes or uses a document containing any false, fictitious, or fraudulent statement or entry, in any manner in the jurisdiction of any department or agency of the United States, shall be fined not more than \$10,000 or imprisoned for not more than five years or both. By signing below, Partner declares that, to the best of our professional knowledge and belief, the undersigned meet the definition of an *Environmental Professional* as defined in §312.10 of 40 CFR 312 and have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*.

Prepared By:

Reviewed By:



Michael Gross
Environmental Scientist



Angelique Crews
Senior Reviewer

4.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources (EDR), Radius Report, October 2016

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, October 2016

United States Department of Agriculture, Natural Resources Conservation Service, accessed via internet, October 2016

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, October 2016

United States Environmental Protection Agency, various websites, October 2016

United States Geological Survey, accessed via the Internet, October 2016

United States Geological Survey Topographic Map, 7.5 minute series, accessed via internet, October 2016

**APPENDIX A: SECTION 1
4128 FORM AND
HUD LEAN CHECKLIST**

Environmental Assessment and Compliance Findings for the Related Laws

U.S. Department of Housing and Urban Development

1. Project Number	TBD
HUD Program	232 (f)
2. Date Received	

RMS: HI-00487R

Findings and Recommendations are to be prepared **after** the environmental analysis is completed. Complete items 1 through 15 as appropriate for all projects. For projects requiring an environmental assessment, also complete Parts A and B. For projects categorically excluded under 24 CFR 50.20, complete Part A. Attach notes and source documentation that support the findings.

3. Project Name and Location (Street, City, County, State) Southern Ocean Center 1361 Route 72 West Manahawkin, Ocean, New Jersey 08050	4. Applicant Name and Address (Street, City, State, Zip Code), and Phone KeyBank National Association 127 Public Square Cleveland, Ohio 44114
---	---

5. <input type="checkbox"/> Multifamily <input type="checkbox"/> Elderly <input checked="" type="checkbox"/> Other If Other, explain. Healthcare facility	6. Number of <u>72</u> Dwelling Units <u>1</u> Buildings <u>2</u> Stories <u>5,338</u> Acres	7. Displacement <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If Yes, explain.
--	--	---

8. New Construction Rehabilitation Other
(if Other, explain) **Financing Puposos**

9. Has an environmental report (Federal, State, or local) been used in completing this form? No Yes
If Yes, identify: **Partner Phase I ESA**

10. Planning Findings. Is the project in compliance or conformance with the following plans?

Local Zoning Yes No Not Applicable
Coastal Zone Yes No Not Applicable
Air Quality (SIP) Yes No Not Applicable

Explain any "No" answer: _____

Are there any unresolved conflicts concerning the use of the site?
 No Yes (explain): _____

11. Environmental Finding (check one)

Categorical exclusion is made in accordance with § 50.20 or

Environmental Assessment and a **Finding of No Significant Impact** (FONSI) is made in accordance with § 50.33 or

Environmental Assessment and a **Finding of Significant Impact** is made, and an Environmental Impact Statement is required in accordance with §§ 50.33(d) and 50.41.

Project is recommended for approval (List any conditions and requirements) Project is recommended for rejection (State reasons)

12. Preparer (signature) FOR INFORMATION PURPOSES ONLY - TO BE SIGNED / DATED BY HUD REPRESENTATIVE	Date	13. Supervisor (signature)	Date
---	------	----------------------------	------

14. Comments by Environmental Clearance Officer (ECO) (required for projects over 200 lots/units)

ECO (signature) X	Date
----------------------	------

15. Comments (if any) by HUD Approving Official

HUD Approving Official (signature) X	Date
---	------

Part A. Compliance Findings for §50.4 Related Laws and Authorities

§ 50.4 Laws and Authorities	Project is in Compliance		Source Documentation and Requirements for Approval
	Yes	No	
16. Coastal Barrier Resources	✓		EPA Map; Partner Phase I ESA; no concern
17. Floodplain Management (24 CFR Part 55)	✓		FEMA FIRM; Partner Phase I ESA; no concern
18. Historic Preservation (36 CFR Part 800)	✓		HNR; Phase I ESA; SHPO response recieved; no concern
19. Noise Abatement (24 CFR Part 51 Subpart B)	✓		Calc. noise levels; no concern
20. Hazardous Operations (24 CFR Part 51 Subpart C)	✓		EPA online/EDR database; FD concurrence for AST; no concern
21. Airport Hazards (24 CFR Part 51 Subpart D)	✓		Airport info; Partner Phase I ESA; no concern
22. Protection of Wetlands (E. O. 11990)	✓		Wetland survey; EPA Map; no concern
23. Toxic Chemicals & Radioactive Materials (§ 50.3(i))	✓		EPA online/EDR database Partner Phase I ESA; no concern
24. Other § 50.4 authorities (e.g., endangered species, sole source aquifers, farmlands protection, flood, insurance, environmental justice)	✓		EPA online; Partner Phase I ESA; no concern

Part B. Environmental/Program Factors

Factors	Anticipated Impact/Deficiencies			Source Documentation and Requirements for Approval
	None	Minor	Major	
25. Unique Natural Features and Areas	✓			Online/Onsite info; Partner Phase I ESA; no concern
26. Site Suitability, Access, and Compatibility with Surrounding Development	✓			Online/Onsite info; Partner Phase I ESA; no concern
27. Soil Stability, Erosion, and Drainage	✓			Online/Onsite info; Partner Phase I ESA; no concern
28. Nuisances and Hazards (natural and built)	✓			Online/Onsite info; Partner Phase I ESA; no concern
29. Water Supply / Sanitary Sewers	✓			Online/Onsite info; Partner Phase I ESA; no concern
30. Solid Waste Disposal	✓			Online/Onsite info; Partner Phase I ESA; no concern
31. Schools, Parks, Recreation, and Social Services	✓			Online/Onsite info; Partner Phase I ESA; no concern
32. Emergency Health Care, Fire and Police Services	✓			Online/Onsite info; Partner Phase I ESA; no concern
33. Commercial / Retail and Transportation	✓			Online/Onsite info; Partner Phase I ESA; no concern
34. Other Radon	✓			Radon Survey completed

Sample Field Notes Checklist

Project Number TBD	HUD Program 232 (f)
------------------------------	-------------------------------

Project Name:
Southern Ocean Center

Location (street, city, county/State, & zip code)
1361 Route 72 West, Manahawkin, Ocean, New Jersey 08050

Number of Dwelling Units 72	Project site is in a location described as
<input type="checkbox"/> New construction <input type="checkbox"/> Rehabilitation	<input type="checkbox"/> Central city <input type="checkbox"/> Suburban <input type="checkbox"/> Infill urban development <input type="checkbox"/> In developing rural area <input type="checkbox"/> In undeveloped area

Note to Reader: An Environmental Assessment (EA) is a concise public document that a Federal agency must prepare in order to comply with the National Environmental Policy Act (NEPA) and the related Federal environmental laws and authorities. The EA must support decision making process and provide a clear rationale, justification, and documentation for ratings assigned.

Instructions

It is recommended that this checklist be used by HUD staff who prepare the Environmental Assessment (EA; form HUD-4128). It will constitute full documentation for many factors on the EA, and partial documentation for others. It will avoid narrative reports and expedite the environmental review process. This checklist, which is a slightly revised version of Appendix C of Handbook 1390.2, should be used pending revision of Handbook 1390.2.

The number for each checklist topic is the number that appears on form HUD-4128. Also, each checklist title/heading is followed by a reference to where the topic appears in the current Handbook 1390.2.

Before the site visit, review the Phase I and all background information submitted with the application (if applicable). During the site visit, the preparers of form HUD-4128 are to: (i) answer all relevant questions on this checklist; (ii) use the spaces provided for comments to include supplemental information as well as to record any recommended mitigation measures or requirements for project approval; (iii) key your answers to the relevant questions (using additional sheets of paper to provide more detailed information); and (iv) use the spaces provided for source documentation to cite the information source used (e.g., title of

a technical report, map, or special study; site inspection/field observation; name and location of the qualified data source(s) that provided the information, for example, the local planning agency, the local housing and/or community development agency, the State environmental protection agency, the State Historic Preservation Officer, or other qualified data source.)

Preparers are to obtain and use, as appropriate, any environmental report (Federal, State, or local) that may have already been prepared for the property or area in which the property is located.

Several different types of maps will be useful in completing the review, such as the project plan or plot map, a location map showing major features and facilities in the vicinity, the USGS topographic map and FEMA flood map for the site area, and zoning/land use maps. **Many of the conditions can and should be recorded directly on the project plan.** Distances to major features and facilities (e.g., schools and fire stations) and a description of the surrounding area are examples. The plan can then be referenced as "source documentation" on form HUD-4128.

9. Environmental Report

List the Federal, State, or local agencies contacted to obtain their existing environmental reports and other data for the HUD environmental review for the proposed project.

Coastal Management Office (CMO), City Planning, Zoning, Building and Fire Departments, County Health Department, EPA databases

List the major reports obtained. (attach the report(s) or otherwise list the title, author, publication date)

Partner Phase I ESA; IPaC; Radon Report

10. Planning Findings

Is the project in compliance or conformance with the local zoning?

Yes No Not Applicable If No or Not Applicable, explain.

The subject property is designated for Highway Medical Commercial development, HMC, by the Township of Stafford.

Is the project located within a coastal management zone (CZM)?

Yes No Not Applicable

If your answer is Yes, the State Coastal Zone Management (CZM) Agency must make a finding that the project is consistent with the approved State CZM program.

Is the State's finding attached to this checksheet?

Yes No

Is the project in compliance with the air quality State Implementation Plan (SIP)?

Yes No Not Applicable

Comments:

The subject property is or is not located within an SIP non-attainment zone. No additional action warranted at this time

Source documentation:

Partner Phase I ESA

Are there any unresolved conflicts concerning the use of the site?

Yes No If your answer is Yes, briefly explain:

No concerns noted and no additional action appears warranted at this time.

16. Coastal Barrier Resources

Is the project located within a coastal barrier designated on a current FEMA flood map or Department of Interior coastal barrier resources map?

Yes No If your answer is Yes, the law prohibits Federal funding of projects in designated coastal barriers.

17. Flood Management (24 CFR Part 55) (see CF 3 and 4 of Handbook 1390.2)

Is the project located within a floodplain designated on a current FEMA flood map?

Yes No Identify FEMA flood map used to make this finding:

Community Name and Number: Ocean County

Map Panel Number and Date of Map Panel: 34029C0485F, September 29, 2006

If your answer is Yes, use § 55.12 and the floodplain management decisionmaking process (§ 55.20) to comply with 24 CFR Part 55.

Comments:

Unshaded Flood Zone X, defined as "areas determined to be outside the 0.2% annual chance floodplain.

Source documentation: (attach § 55.20 analysis)

Partner Phase I ESA; FEMA FIRM

18. Historic Preservation (see CF 2 of Handbook 1390.2)

Has the SHPO been notified of the project and requested to provide comments?

Yes No

Is the property listed on or eligible for listing on the National Register of Historic Places?

Yes No

Is the property located within or directly adjacent to an historic district?

Yes No

Does the property's area of potential effects include an historic district or property?

Yes No

If your answer is Yes to any of the above questions, consult with the State Historic Preservation Officer (SHPO) and comply with 36 CFR part 800.

Has the SHPO been or is being advised of HUD's finding?

Yes No

Comments:

SHPO response recieved; Based on online info, the subject property is not considered a historic site and is not located within or adjacent to a historic site.

Source documentation:

Partner Phase I ESA

19. Noise Abatement (see CF 1 of Handbook 1390.2)

Is the project located near a major noise source, i.e., civil airports (within 5 miles), military airfields (15 miles), major highways or busy roads (within 1000 feet), or railroads (within 3000 feet)?

Yes No If your answer is Yes, comply with 24 CFR 51, Subpart B which requires a noise assessment for proposed new construction. Use adopted DNL contours if the noise source is an airport.

Comments:

10-year DNL for roadway, railways and airports is 66 dB, which is considered unacceptable, per HUD guidelines. The site is an existing healthcare facility, no marketability concerns and no action warranted

Source documentation: (attach NAG worksheets)

Partner Phase I ESA; HUD DNL calcs; annual traffic data

20. Hazardous Industrial Operations (see CF 5 of Handbook 1390.2)

Are industrial facilities handling explosive or fire-prone materials such as liquid propane, gasoline or other storage tanks adjacent to or visible from the project site?

Yes No If your answer is Yes, use HUD Hazards Guide and comply with 24 CFR Part 51, Subpart C.

Comments: **200-gallon AST is not expected to represent a significant environmental concern. Fire Dept concurrence received. No concerns and no action required**

Source documentation: (attach ASD worksheets)

Partner Phase I ESA

21. Airport Hazards (see CF 5 of Handbook 1390.2)

Is the project within 3,000 feet from the end of a runway at a civil airport?

Yes No

Is the project within 2-1/2 miles from the end of a runway at a military airfield?

Yes No If your answer is Yes to either of the above questions, comply with 24 CFR Part 51, Subpart D.

Comments: **No concerns noted and no additional action appears warranted at this time.**

Source documentation:

Partner Phase I ESA; Wilmington Airport Noise Contour Map

22. Protection of Wetlands (E.O. 11990) (see CF 3 and 4 of Handbook 1390.2)

Are there drainage ways, streams, rivers, or coastlines on or near the site?

Yes No

Are there ponds, marshes, bogs, swamps or other wetlands on or near the site?

Yes No

For projects proposing new construction and/or filling, the following applies:

Is the project located within a wetland designated on a National Wetlands Inventory map of the Department of the Interior (DOI)?

Yes No If your answer is Yes, E.O. 11990, Protection of Wetlands, discourages Federal funding of new construction or filling in wetlands and compliance is required with the wetlands decisionmaking process (§ 55.20 of 24 CFR Part 55. Use proposed Part 55 published in the Federal Register on January 1, 1990 for wetland procedures).

Comments: **No concerns noted and no additional action appears warranted at this time.**

Source documentation: (attach § 55.20 analysis for new construction and/or filling)

Partner Phase I ESA; Site Plan; NWI map

23. Toxic Chemicals and Radioactive Materials (see CF 5 of Handbook 1390.2)

Has a Phase I (ASTM) Report been submitted and reviewed?

Yes No If your answer is No, is a Phase I (ASTM) report needed?

Yes No

Are there issues that require a special/specific Phase II report before completing the environmental assessment?

Yes No

Is the project site near an industry disposing of chemicals or hazardous wastes?

Yes No

Is the site listed on an EPA Superfund National Priorities or CERCLA, or equivalent State list?

Yes No

Is the site located within 3,000 feet of a toxic or solid waste landfill site?

Yes No

Does the site have an underground storage tank?

Yes No

If your answer is Yes to any of the above questions, use current techniques by qualified professionals to undertake investigations determined necessary and comply with § 50.3(i).

Are there any unresolved concerns that could lead to HUD being determined to be a Potential Responsible Party (PRP)?

Yes No

Comments:

No concerns noted and no additional action appears warranted at this time.

Source documentation: (attach Phase I (ASTM) Report)

24. Other

a. Endangered Species (see EF 3.4 of Handbook 1390.2)

Has the Department of Interior list of Endangered Species and Critical Habitats been reviewed?

Yes No

Is the project likely to affect any listed or proposed endangered or threatened species or critical habitats?

Yes No If your answer is Yes, compliance is required with Section 7 of the Endangered Species Act, which mandates consultation with the Fish and Wildlife Service in order to preserve the species.

Comments:

No concerns noted as no ground disturbance activities planned for the subject property. The subject property is an existing healthcare facility

Source documentation

Partner Phase I ESA; IPaC

b. Sole Source aquifers

Will the proposed project affect a sole source or other aquifer?

Yes No

Comments

The subject property is not located within a sole source aquifer.

Source documentation

Partner Phase I ESA; EPA SSA Map

c. Farmlands Protection (see EF 3.3 of Handbook 1390.2)

If the site or area is presently being farmed, does the project conform with the Farmland Protection Policy Act and HUD policy memo?

Yes No If your answer is Yes, compliance is required with 7 CFR Part 658, Department of Agriculture regulations implementing the Act.

Comments:

Areas of prime farmland on site. There are no proposed plans to convert the subject property from its current use. No action regarding FPPA is warranted at this time.

Source documentation:

Partner Phase I ESA

d. Flood Insurance

Is the building located or to be located within a Special Flood Hazard Area identified on a current Flood Insurance Rate Map (FIRM)?

Yes No If your answer is Yes, flood insurance protection is required for buildings located or to be located within a Special Flood Hazard Area as a condition of approval of the project. In addition, compliance with § 55.12 and the floodplain management decisionmaking process (§ 55.20) is required (refer to item #17 above). Document the map used to determine Special Flood Hazard Area in above item #17 pertaining to community name and number, map panel number and date of map panel.

e. Environmental Justice

Is the project located in a predominantly minority and low-income neighborhood?

Yes No

Does the project site or neighborhood suffer from disproportionately adverse environmental effects on minority and low-income populations relative to the community-at-large?

Yes No If your answer is Yes, compliance is required with E.O. 12898, Federal Actions to Address Environmental Justice.

Comments:

Not located within an identified Environmental Justice Area; no EJ Grants, CARE Grants and/or Brownfields Grants identified within the immediate site area.

Source documentation: **Partner Phase I ESA; EJ map**

25. Unique Natural Features and Areas (see EF 3.2 of Handbook 1390.2)

Is the site near natural features (i.e., bluffs or cliffs) or near public or private scenic areas?

Yes No

Are other natural resources visible on site or in vicinity? Will any such resources be adversely affected or will they adversely affect the project?

Yes No

Comments:

No concerns identified and no additional action appears warranted at this time

26. Site Suitability, Access, and Compatibility with Surrounding Development (see EF 1.1 and 1.3 of Handbook 1390.2)

Has the site has been used as a dump, sanitary landfill or mine waste disposal area? Yes No
 Is there paved access to the site? Yes No
 Are there other unusual conditions on site? Yes No

Is there indication of:	Yes	No		Yes	No
distressed vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	oil/chemical spills	<input type="checkbox"/>	<input checked="" type="checkbox"/>
waste material/containers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	abandoned machinery, cars, refrigerators, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
soil staining, pools of liquid	<input type="checkbox"/>	<input checked="" type="checkbox"/>	transformers, fill/vent pipes, pipelines, drainage structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>
loose/empty drums, barrels	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

Is the project compatible with surrounding area in terms of:

	Yes	No		Yes	No
Land use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Building type (low/high-rise)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Height, bulk, mass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Building density	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Will the project be unduly influenced by:

	Yes	No		Yes	No
Building deterioration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Transition of land uses	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Postponed maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Incompatible land uses	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Obsolete public facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Inadequate off-street parking	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Are there air pollution generators nearby which would adversely affect the site:

	Yes	No		Yes	No
Heavy industry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Large parking facilities (1000 or more cars)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Incinerators	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Heavy travelled highway (6 or more lanes)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Power generating plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Oil refineries	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cement plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other(specify)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

Transformers and solid waste are not considered a concern at this time-no additional action appears warranted.

Source documentation:

Partner Phase I ESA

27. Soil Stability, Erosion, and Drainage (see EF 1.2 of Handbook 1390.2)

Slopes: Not Applicable Steep Moderate Slight

Is there evidence of slope erosion or unstable slope conditions on or near the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there evidence of ground subsidence, high water table, or other unusual conditions on the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any visible evidence of soil problems (foundations cracking or settling, basement flooding, etc.) in the neighborhood of the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Have soil studies or borings been made for the project site or the area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Unknown
Do the soil studies or borings indicate marginal or unsatisfactory soil conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there indication of cross-lot runoff, swales, drainage flows on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there visual indications of filled ground?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If your answer is Yes, was a 79(g) report/analysis submitted?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there active rills and gullies on site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If the site is not to be served by a municipal waste water disposal system, has a report of the soil conditions suitable for on-site septic systems been submitted?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> N.A.
Is a soils report (other than structural) needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are structural borings or a dynamic soil analysis/geological study needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Comments:

No concerns noted and no additional action appears warranted at this time

Source documentation:

Partner Phase I ESA

28. Nuisances and Hazards (see EF 1.3 and 1.4 of Handbook 1390.2)

Will the project be affected by natural hazards:

	Yes	No		Yes	No
Faults, fracture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire hazard materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cliffs, bluffs, crevices	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wind/sand storm concerns	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Slope-failures from rains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Poisonous plants, insects, animals	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unprotected water bodies	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous terrain features	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Will the project be affected by built hazards and nuisances:

	Yes	No		Yes	No
Hazardous street	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Inadequate screened drainage catchments	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dangerous intersection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazards in vacant lots	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Through traffic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chemical tank-car terminals	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Inadequate separation of pedestrian/vehicle traffic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other hazardous chemical storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Children's play areas located next to freeway or other high traffic way	<input type="checkbox"/>	<input checked="" type="checkbox"/>	High-pressure gas or liquid petroleum transmission lines on site	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Inadequate street lighting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Overhead transmission lines	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Quarries or other excavations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous cargo transportation routes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dumps/sanitary landfills or mining	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Oil or gas wells	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Railroad crossing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Industrial operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Will the project be affected by nuisances:

	Yes	No	Yes	Yes	No
Gas, smoke, fumes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unsightly land uses	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Front-lawn parking	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vibration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Abandoned vehicle	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Glare from parking area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Vermin infestation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vacant/boarded-up buildings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Industrial nuisances	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other (specify) Radon	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

200-gallon AST containing diesel fuel onsite. Concurrence from FD received. Radon survey conducted-No radon detected above EPA levels. No concerns noted and no additional action appears warranted at this time

Source documentation:

Partner Phase I ESA

29. Water, Supply, Sanitary Sewers, and Solid Waste Disposal (see EF 2.1, 2.2, and 2.4 of Handbook 1390.2)

Is the site served by an adequate and acceptable:

water supply

Yes No Municipal Private

sanitary sewers and waste water disposal systems

Yes No Municipal Private

trash collection and solid waste disposal

Yes No Municipal Private

If the water supply is non-municipal, has an acceptable "system" been approved by appropriate authorities and agencies?

Yes No **NOT APPLICABLE**

If the sanitary sewers and waste water disposal systems are non-municipal, has an acceptable "system" been approved by appropriate authorities and agencies?

Yes No **NOT APPLICABLE**

Comments:

Municipal utilities service the subject property vicinity.

Source documentation:

Partner Phase I ESA

31. Schools, Parks, Recreation, and Social Services (see U/EF 4, 5, and 6 of Handbook 1390.2)

Will the local school system have the capability to service the potential school age children from the project?

Yes No **NOT APPLICABLE**

Are parks and play spaces available on site or nearby?

Yes No **NOT APPLICABLE**

Will social services be available on site or nearby for residents of the proposed project?

Yes No

Comments:

Questions 1 and 2 are not considered applicable as the subject property is an existing healthcare facility. No concerns identified and no additional action appears warranted
Source documentation:

Partner Phase I ESA

32. Emergency Health Care, Fire and Police Services (see U/EF 7, 8, and 9 of Handbook 1390.2)

Are emergency health care providers located within reasonable proximity to the proposed project?

Yes No Approximate response time: Onsite

Are police services located within reasonable proximity to the proposed project?

Yes No Approximate response time: 10-15 min.

Is fire fighting protection municipal volunteer adequate and equipped to service the project?

Yes No Approximate/estimated response time: 10-15 min.

Comments:

No concerns identified and no additional action appears warranted at this time

Source documentation:

Partner Phase I ESA

33. Commercial/Retail and Transportation (see U/EF 10 and 11 of Handbook 1390.2)

Are commercial/retail shopping services nearby?

Yes No

Is the project accessible to employment, shopping and services by

public transportation or private vehicle?

Is adequate public transportation available from the project to these facilities?

Yes No

Are the approaches to the project convenient, safe and attractive?

Yes No

11. Conditions and Requirements for Approval

Are mitigation measures required?

Yes No

If your answer is Yes, list and describe:

Brief Description of the Project:

The subject property is currently occupied by Southern Ocean Center for healthcare use. Onsite operations consist of medical and patient care associated with short-stay rehabilitation and long-term respite and hospice stays; associated administrative work; and routine facility maintenance. In addition to the residential rooms, the structure contains dining rooms, a beauty salon, an activity room, a laundry room, a sunroom, and other miscellaneous amenities. In addition to the current structure, the subject property is also improved with courtyards, asphalt-paved parking areas, associated landscaping, storage sheds, and drainage features.

According to available historical sources, the subject property was formerly undeveloped as early as 1888 and developed with the current structure in 1994. Tenants on the subject property have included Genesis Southern Healthcare (2003-Present). No potential environmental concerns were identified in association with the current or former use of the subject property.

The immediately surrounding properties consist of undeveloped woodlands to the north; SOCH Medical Group (1301 NJ 72) to the south; Stafford Diner (1388 NJ-72), Stafford Medical PA (1364 NJ-72) and The Pavilion Shopping Center (1340 NJ-72) across Route 72 West/Barnegat Road to the east; and undeveloped woodlands to the west.

FOR INFORMATION PURPOSES ONLY - TO BE SIGNED / DATED BY HUD REPRESENTATIVE

Field Inspection on (date) _____

By (signature) _____

<p>1. Coastal Barrier Resources</p>	<p>Is the subject property located within a designated Coastal Barrier Resources System (CBRS) unit?</p> <p><i>The CBRS is a system of protected coastal areas that serve as barriers protecting the Atlantic, Gulf, and Great Lake coasts and Other Protected Areas (OPAs). State locator maps are available on the U.S. Fish & Wildlife Service website at www.fws.gov/CBRA/Maps. A project that is located within a CBRS unit, or includes a facility (such as a water main) to a CBRS unit, is not eligible for mortgage insurance.</i></p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
<p>2. Floodplain Management <u>(24 CFR Part 55)</u></p>	<p>FEMA Flood Insurance Rate Map (FIRM) Number: 34029C0485F FIRM Effective Date: dated September 29, 2006 Flood Zone(s): Unshaded Flood Zone X (If Zone X, state whether it is in shaded Zone X or unshaded Zone X)</p> <p><i>Flood Insurance Rate Maps (FIRMs) are available on the FEMA website in the Map Service Center at www.msc.fema.gov. Also check for interim information, such as Future and Preliminary Flood Maps, and Advisable Base Flood Elevations (ABFEs). Interim information may be available in the FEMA Map Service Center on the Product Catalog tab. If FEMA information is unavailable or insufficiently detailed, other Federal, state, or local data may be used. However, base flood elevations from an advisory or preliminary map may not be used if the elevations are lower than the elevations on the current FIRM used for ratemaking purposes</i></p> <p>Is the project site located in a 100-year or 500-year floodplain?</p> <p>If yes, HUD’s environmental review of a 232/223(f) application will include a 5-step decision making process for floodplains as required by 24 CFR 55.20. One of the steps requires the project to include items a. through d. below. Provide the documentation with the application.</p> <p><i>a. Preparation and participation in an early flood warning system. Indicate the specific method(s) used to monitor weather conditions and flooding alerts (e.g., NOAA weather radio continuously monitored by staff and an emergency alert agreement with the state or municipal emergency services agency.)</i></p> <p><i>b. An emergency evacuation and relocation plan, including names and addresses of like facilities (i.e., similar residential healthcare facilities) that have agreements or contracts with the subject to serve as temporary relocation sites for the subject’s residents. (The Centers for Medicare & Medicaid Services (CMS) has issued an Emergency Preparedness Checklist for health care facilities as a recommended tool for emergency planning.)</i></p> <p><i>c. Identification of evacuation route(s) out of the 500-year floodplain. Provide road maps and the flood zone designations of the relocation sites.</i></p> <p><i>d. Identification marks of past or estimated flood levels on all structures. (When estimating flood levels, see the FIRM and the Flood Insurance Study (FIS) for flood level elevations.)</i></p> <p><i>In addition, all new and renewal leases or contracts must contain an acknowledgement signed by the resident (or their agent) indicating they have been advised of the portions of the site that are in a floodplain and that flood insurance is available for their personal property. An example of the acknowledgement and an owner certification of compliance must be provided prior to closing.</i></p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>

2. **Floodplain Management (continued)**

Is there a Floodway or Coastal High Hazard Area on the site?

Floodways are graphically identified on FIRMs from 1986 and later as diagonally hatched areas; before 1986, Floodway Maps were issued separately from the FIRMs. Coastal High Hazard Areas are designated on FIRMs as Zone VI-30, VE, or V.

HUD's floodplain management regulations at 24 CFR Part 55 prohibit mortgage insurance when any portion of the site is located in a Floodway or Coastal High Hazard Area.

Exceptions: 24 CFR 55.12 lists categories of actions to which the floodplain management requirements in 24 CFR 55 are not applicable. As such, the floodway and coastal high hazard area prohibitions do not apply to Section 232 projects if only an incidental portion of the project site is in the floodplain (including all 100-year or 500-year floodplains), and the following conditions are met:

a. All construction (including existing improvements) or landscaping activities (except for minor grubbing, clearing of debris, pruning, sodding, seeding, etc.) must not occupy or modify the relevant floodplain. Due to the constraint that activities must "not occupy or modify" the floodplain, the 100-year or 500-year floodplain cannot be utilized in the development or support of any project activity, except as passive open or green space.

b. Appropriate provision is made for site drainage; and

c. In accordance with 24 CFR 55.12(c)(7)(iii), a protective covenant or comparable restriction must be placed on the property's continued use to preserve the 100-year or 500-year floodplain. The covenant or comparable restriction must run with the land to provide for permanent preservation of the floodplain, and must not be dependent on the mortgage instrument.

When invoking the "incidental portion" exception at 24 CFR 55.12(c)(7), provide a site survey with elevations and flood hazard zones delineated based on the best available data, a description of how the project qualifies for the exception, and a copy of the permanent covenant or comparable restriction that will be placed on the property's continued use to preserve the floodplain.

2a. **Flood Insurance**

Is any portion of a site structure located within a 100-year flood zone?

If yes, flood insurance is required.

3. **Historic Preservation (36 CFR Part 800)**

Was the State Historic Preservation Officer (SHPO) contacted?

If the SHPO was contacted, include all correspondence to and from the SHPO with the application. In addition, if a response is received from the SHPO after the application's submission, provide the response to HUD when it is received.

It is important to submit complete information to the SHPO when conducting a Section 106 consultation. Some states have their own process and submission requirements. Check the SHPO's website (see <http://www.ncshpo.org/find/index.htm>) prior to submitting a request for consultation. Assure that the information is specific about the scope of work that is being completed as part of the FHA-insured project, and include a map, photos, and project plans as applicable. While SHPOs have 30 days to review a submission, the submission must be complete and correct, or the SHPO may require additional information, which can add to the review time.

Does the project involve activities that exceed the level of routine maintenance?

If yes, then SHPO consultation is required. The activity must not begin before HUD completes its environmental review. Confirm that the SHPO has been contacted and include a copy of the consultation in the application.

Guidance for clarifying the difference between routine maintenance and a repair can be found on the HUD website, at http://portal.hud.gov/hudportal/documents/huddoc?id=DOC_13720.pdf, or by contacting a HUD environmental specialist.

Does the project involve activities that require Tribal consultation?

Activities that require HUD consultation with federally-recognized tribes include: Ground disturbance (digging), new construction in undeveloped natural areas, introduction of incongruent visual, audible, or atmospheric changes, work on a building with significant tribal association, and transfer, lease or sale of properties that may have religious and cultural significance to tribes.

Tribal consultation must be initiated by HUD, and the activity must not begin before HUD completes its environmental review.

If Tribal consultation is required, notify ORCF upon submission of the application.

<p>4. Noise Abatement (24 CFR 51 Subpart B)</p>	<p>Does noise from sources such as major roadways, railroads, airports or military airfields have a negative effect on the project's marketability?</p> <p><i>For existing projects, environmental noise is a marketability factor which HUD will consider in determining the amount of mortgage insurance or other assistance that may be given. When noise is considered to have a negative impact on the project's marketability, a noise mitigation plan may be proposed.</i></p> <p><i>For modernization projects located in all noise exposed areas, HUD will encourage noise attenuation features in alterations. For major or substantial rehabilitation projects in the Normally Unacceptable and Unacceptable noise zones, the proposal should incorporate noise attenuation features, given the extent and nature of the rehabilitation being undertaken and the level or exterior noise exposure.</i></p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
<p>5. Hazardous Operations (24 CFR 51 Subpart C)</p>	<p>Are there aboveground containers of explosive or flammable hazards located on-site or directly visible from the site? <i>Excepted are: Containers with a capacity of 100 gallons or less when they store common liquid industrial fuels, such as gasoline, fuel oil, kerosene and crude oil since they generally would pose no danger in terms of thermal radiation or blast overpressure to a project. (Explosive hazards such as aboveground tanks that store propane are not excepted.)</i></p> <p>Record the size, number, type of fuel, and location (distance from structures and outdoor areas of congregation including parking areas) of all containers storing explosive or flammable hazards: <u>One 200-gallon AST containing diesel fuel</u></p> <p>Does the project involve an increase in residential density? <i>If yes, then full compliance with 24 CFR 51C for Acceptable Separation Distances from explosive/flammable hazards is required. Submit a mitigation plan if required. For guidance contact Nelson Rivera, HUD's Hazardous Operations Specialist, Nelson.A.Rivera@hud.gov, (202) 708-4225 Ext. 4455.</i></p> <p>If an aboveground storage tank (AST) containing explosive or flammable hazards exists at a project that involves no increase in residential density, was a conformance letter requested from the Fire Department? (required) <i>When the project does not involve an increase in residential density and an AST containing explosive or flammable hazards exists on the site, a conformance letter must be requested from the local fire department that specifically addresses the safety of the AST. Provide HUD with a copy of the letter that was sent to the Fire Department and any response received.</i></p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>

		Yes	No
5. Hazardous Operations (continued)	<p>If a conformance letter was requested but cannot be obtained, was an acceptable separation distance (ASD) calculation completed? <input type="checkbox"/> N/A</p> <p><i>In cases where conformance letters cannot be obtained for existing ASTs, then ASD calculations must be included in the application, and mitigation may be required. HUD will evaluate the risk considering the type of fuel stored in the tank, and the size, location and condition of the AST. HUD's ASD calculator is available online at http://www.hud.gov/offices/cpd/environment/asdcalculator.cfm</i></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<p>Is a new AST being added, or is an off-site explosive or flammable hazard directly visible from the property? <input type="checkbox"/></p> <p><i>In cases where a new AST containing an explosive or flammable hazard is being added, or where an off-site hazard is directly visible from the subject property, include the ASD calculations in the application.</i></p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<p>Is mitigation of an explosive/flammable hazard proposed? <input type="checkbox"/></p> <p><i>If yes, submit the mitigation plan with the application.</i></p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<p>If mitigation is proposed, does the mitigation plan involve ground disturbance (such as burial of a tank)? <input checked="" type="checkbox"/> N/A</p> <p><i>If a mitigation plan involves ground disturbance, the Historic Preservation requirements for SHPO and Tribal consultation apply. See the Historic Preservation section above.</i></p>	<input type="checkbox"/>	<input type="checkbox"/>
6. Airport Hazards (24 CFR Part 51 Subpart D)	<p>Is the project located in a runway clear zone at a civil airport, or a clear zone or accident potential zone (APZ) at a military airfield*? <input type="checkbox"/></p> <p><i>If yes, inform the borrower that the property is in a Runway Clear Zone, APZ or Clear Zone, and of what the implications of such a location are; e.g., safety, potential eminent domain acquisition, etc. Include the borrower's signed acknowledgement of the information in the application.</i></p> <p><i>*This part applies to all military airfields and to civilian, commercial airports identified in the National Plan of Integrated Airport Systems prepared by the FAA.</i></p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Protection of Wetlands (24 CFR Part 55)	<p>Are wetlands, either identified on the USFWS National Wetlands Inventory Map or other wetlands as defined in 24 CFR 55.2(b)(11), located on or adjacent to the site? <input type="checkbox"/></p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<p>If the answer is yes, will the project involve construction activities that may impact a wetlands, including draining, dredging, channelizing, filling, diking, or impounding? <input checked="" type="checkbox"/> N/A</p> <p><i>If the project will involve construction activities that may impact a wetlands, including draining, dredging, channelizing, filling, diking, or impounding, HUD must conduct the 8-step decision making process described at 24 CFR 55.20. Provide the necessary information in the application (plans, wetland determinations, permits, expected impacts, etc.).</i></p>	<input type="checkbox"/>	<input type="checkbox"/>

8. Toxic Chemicals and Radioactive Materials (24 CFR 50.3(i))

Phase I Environmental Site Assessment (ESA) prepared by (name of firm): Partner ESI
 Date that the Phase I ESA was conducted: 10/28/2016

The Phase I ESA must be conducted (meaning a visual inspection of the site and adjoining properties, the records review, and interviews) within one year of the mortgage insurance application's submission date to HUD (i.e., the date the application entered ORCF's queue). However, a Phase I ESA that was conducted more than 180 days prior to the submission date to HUD, but within the allowable one-year period, must be updated pursuant to Section 4.6 of ASTM E1527-13 (or similar section of the most recent edition). A Phase I ESA originally prepared more than one year prior to submission to HUD, even if updated within 180 days of submission to HUD, is not acceptable.

Was the Phase I ESA conducted within the acceptable timeframe? (See Phase I Clock tab)

If not, then do not submit the application to HUD until a Phase I ESA that satisfies the timing requirements is obtained.

Does the Phase I ESA include a Vapor Encroachment Screen (VES) performed in accordance with ASTM E 2600 (most recent edition)?

If not, then do not submit the application to HUD until a VES is obtained. The Phase I ESA must incorporate an initial vapor (a.k.a. gas) encroachment screen to determine if there is a potential for vapors to occur in the subsurface below existing and/or proposed on-site structures.

Did the Phase I ESA assess the entire project site, including all parcels of land that will be subject to the mortgage?

If not, then do not submit the application until a Phase I ESA that encompasses the entire property is obtained.

Land area of the property according to the Phase I ESA: 5.338

Land area of the property according to the Legal Description/Site Survey:

Land area of the property according to the Appraisal:

The Phase I ESA must provide a conclusion (a or b below) regarding Recognized Environmental Conditions:

a. Did the Phase I ESA conclude that the assessment "has revealed no evidence of recognized environmental conditions in connection with the property"?

Or

b. Did the Phase I ESA conclude that the assessment "has revealed no evidence of recognized environmental conditions in connection with the property **except for the following**:"?

If "b" is yes, a Recognized Environmental Condition (REC) or Vapor Encroachment Condition (VEC) was identified. Was further study (e.g., Phase II testing) and site characterization done in accordance with HUD guidelines?

Any Recognized Environmental Condition (REC) or Vapor Encroachment Condition (VEC) must be resolved, or must have an approved remediation plan in place, before the submission of the application.

8. Toxic Chemicals and Radioactive Materials (continued)

	Yes	No
<p>Is remediation required?</p> <p><i>If the answer is yes, then evidence of approval of the remediation plan by the applicable local, state, tribal, or federal authority must be submitted with the application. The remediation plan must cover all relevant contaminant phases: vapor (gas), liquid, solid, dissolved, and non-aqueous phase liquid (NAPL).</i></p> <p><i>If a remediation plan involves ground disturbance, the Historic Preservation requirements for SHPO and Tribal consultation apply, as described in the Historic Preservation section above.</i></p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Is an underground storage tank (UST) containing, or previously containing, hazardous waste or petroleum products located on the site?</p> <p><i>If the answer is yes:</i></p> <p>Was the UST identified as a REC? <input checked="" type="checkbox"/></p> <p>Is the UST regulated by the State? <input checked="" type="checkbox"/></p> <p><i>If a UST is neither a REC nor regulated by the State, HUD will still require information to evaluate the environmental risk that the UST presents to the site. Information regarding the UST, such as the age of the tank and associated systems, monitoring history, an operations & maintenance plan (O&M), leak detection, any Phase II results, spill prevention, corrosion protection and, when applicable, closure documentation should be submitted with the application.</i></p>	N/A	<input checked="" type="checkbox"/>
<p>Was an underground storage tank (UST) containing hazardous waste or petroleum products previously located on the site?</p> <p><i>If the answer is yes:</i></p> <p>Was closure/removal documentation provided? <input checked="" type="checkbox"/></p> <p>Was a Phase II study completed? <input checked="" type="checkbox"/></p> <p><i>If a UST was previously removed from the property, HUD will require information to evaluate the environmental impact that the former UST may have had on the site. The Phase I ESA must determine if the former UST is considered to be REC, and if so, then the REC must be satisfactorily addressed before the application is submitted. Information such as removal documentation and Phase II study results should be submitted with the application.</i></p>	N/A	<input checked="" type="checkbox"/>
<p>Is a monitoring well located on the site?</p> <p><i>Monitoring wells are only acceptable under certain conditions. See HUD environmental guidance for monitoring well requirements. Non-operating wells must be capped over and closed out pursuant to the requirements of the local, state, tribal or federal authority.</i></p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<p>9. Endangered Species</p>	<p>Does the project involve any construction (e.g., a building addition) or site work (such as tree removal, site clearing/alterations) that may affect endangered species or critical habitats?</p> <p><i>If yes, obtain a list of protected species from the US FWS website. Include the information in the application and indicate whether or not there are endangered species or critical habitats in the project's area.</i></p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
<p>10. Sole Source Aquifers</p>	<p>Is the project site located on a Sole Source Aquifer AND does the project include any activities <u>beyond</u> acquisition, refinancing, or rehabilitation of existing buildings?</p> <p><i>If yes, then the project must comply with EPA requirements for activities that may affect a Sole Source Aquifer.</i></p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
<p>11. Coastal Zone Management</p>	<p>The Coastal Zone Management Act of 1972 only applies to HUD-assisted activities proposing new construction, conversion of land use, major rehabilitation of existing structures (including substantial improvement), or the acquisition of undeveloped land. Projects that can affect the coastal zone must be carried out in a manner consistent with the state coastal zone management program</p> <p>Does the project involve new construction, conversion, major rehabilitation, substantial improvement activities, or the acquisition of undeveloped land, and is it located in a designated Coastal Zone?</p> <p><i>If the answer is yes, the project must be consistent with the State's coastal zone management program. Work with the state coastal commission to obtain a consistency determination and provide the information with the application.</i></p> <p><i>Coastal Zone Management information for states with designated coastal zones is available on the NOAA Office of Ocean and Coastal Resource Management website.</i></p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>

12. Asbestos	Was any building on the property constructed in whole or in part before 1978? <i>For any building that was constructed in whole or in part before 1978, a comprehensive asbestos survey performed by a qualified asbestos inspector pursuant to the "baseline survey" requirements of ASTM E 2356-10 must be provided with the application</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Was an asbestos survey performed? <i>If an asbestos survey indicates that asbestos is present or is suspected to be present, then prior to closing the borrower must provide a certification stating that the facility has adopted and implemented a property-specific Asbestos Operations and Maintenance plan.</i> <i>If there is asbestos that is friable or damaged, HUD requires that it be removed. Asbestos remediation may be indicated as a Firm Commitment condition if HUD approves. If there is asbestos that is not friable or damaged, HUD recommends that at a minimum it be encapsulated, which would be incorporated in the Operations and Maintenance plan.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

13. Other HUD Environmental Requirements

High Pressure Pipelines	All parts of any structure must be at least 10 feet from the outer boundary of the easement for any high pressure gas or liquid petroleum transportation pipeline. Is the project in compliance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fall Zones	Are all buildings located outside the engineered fall distance of any support structure for high voltage transmission lines, radio antennae, satellite towers, cellular towers, etc.?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
High Voltage Line Easements	No structure may be located within the easement of any overhead high voltage transmission line. Is the project in compliance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Railroads	a) Is a railroad located within 100 feet of the site? <i>Buildings closer than 100 feet from a railroad track are often subject to excessive vibration transmitted through the ground. New construction at such sites is discouraged. For existing structures, the building should be examined for damage caused by vibrations. A railroad vibration study may be required.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	b) A rail line may not bisect a property, nor should a rail line's right-of-way encroach upon the site. Is the project in compliance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radon	THIS SECTION RESERVED <i>Radon testing and review requirements for Section 232 projects will be published after the release of the Large Building testing and mitigation standards by AARST.</i>		

Report Expiration Clock

Project Name/Number:			
Date Entered Queue:			
		Timeframe (Days)	Valid if the applications's submission date (Date Entered Queue) is on or before:
Date that the Phase I was conducted* (not the date of the report):	10/28/2016	180	4/26/2017

APPENDIX A: SECTION 2
FEMA FIRM / WETLAND MAP



National Wetlands Inventory - V2

surface waters and wetlands

ABOUT

GET DATA

PRINT

FIND LOCATION

BASEMAPS >

MAP LAYERS >

- Wetlands 1 2
- Riparian 1 2
- Riparian Mapping Areas 1 2
- Data Source 1 2
 - Source Type
 - Image Scale
 - Image Year
- Areas of Interest ?
- FWS Refuges 1 2
- Historic Wetland Data 1 2



Measure

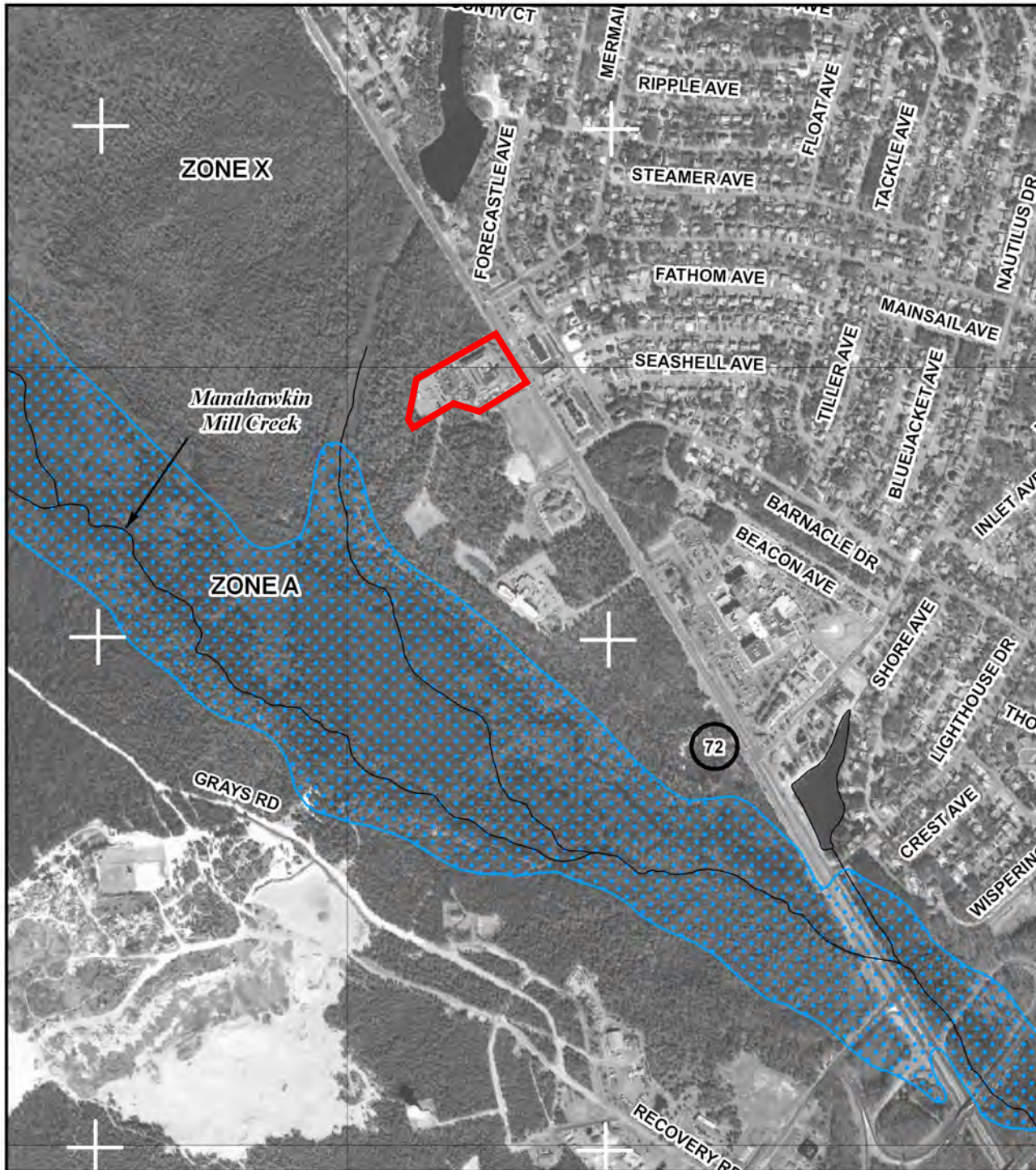
PFO4C

PSS1E

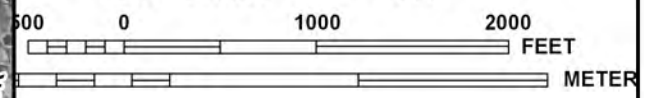
PFO4C

1:4,514
39.724 | -74.287

LEGEND



MAP SCALE 1" = 1000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0485F

FIRM
FLOOD INSURANCE RATE MAP

OCEAN COUNTY,
NEW JERSEY
ALL JURISDICTIONS

PANEL 485 OF 611

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BARNEGAT, TOWNSHIP OF	340396	0485	F
EAGLESWOOD, TOWNSHIP OF	340372	0485	F
STAFFORD, TOWNSHIP OF	340393	0485	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
34029C0485F

EFFECTIVE DATE
SEPTEMBER 29, 2006

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

APPENDIX A: SECTION 3
AIR QUALITY SIP / VEC REPORT, IF APPLICABLE



SIP Status Reports Status of New Jersey Designated Areas

New Jersey Areas by NAAQS

As of 11/06/2016

Jump to New Jersey section for: [CO \(1971\)](#) [Lead \(1978\)](#) [Lead \(2008\)](#) [NO2 \(1971\)](#) [Ozone-1Hr \(1979\)](#) [Ozone-8Hr \(1997\)](#) [Ozone-8Hr \(2008\)](#)
[PM-10 \(1987\)](#) [PM-2.5 \(1997\)](#) [PM-2.5 \(2006\)](#) [PM-2.5 \(2012\)](#) [SO2 \(1971\)](#) [SO2 \(2010\)](#)

New Jersey CO (1971) Areas Return to map											
Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Design Value Annual (ppm) (entire area)	Meets NAAQS	SIP Requirements Original/Approved	Clean Air Determination Effective Date	Redesignation Request Date	Redesignation Effective Date
									Citation Click to view FR notice		Citation Click to view FR notice
Atlantic City Area	Maintenance	11/15/1990	Not Classified	44,944	2015		No Data	1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
Burlington Area	Maintenance	11/15/1990	Not Classified	10,993	2015		No Data	1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
Freehold Area	Maintenance	11/15/1990	Not Classified	12,734	2015		No Data	1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
Morristown Area	Maintenance	11/15/1990	Not Classified	21,955	2015		No Data	1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
New York-N. New Jersey-Long Island Area	Maintenance	11/15/1990	Moderate > 12.7ppm	3,159,966	2015	1.9	Yes	7 / 7	10/22/2002 67 FR 54574	01/15/2002	10/22/2002 67 FR 54574
Penns Grove Area	Maintenance	11/15/1990	Not Classified	5,201				1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
Perth Amboy Area	Maintenance	11/15/1990	Not Classified	49,645	2015		No Data	1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
Philadelphia-Camden County Area	Maintenance	11/15/1990	Moderate <= 12.7ppm	513,657	2015	1.6	Yes	4 / 4	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
Somerville Area	Maintenance	11/15/1990	Not Classified	15,557	2015		No Data	1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
Toms River Area	Maintenance	11/15/1990	Not Classified	10,667				1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
Trenton Area	Maintenance	11/15/1990	Not Classified	97,712	2015		No Data	1 / 1	02/05/1996 61 FR 33678	09/28/1995	02/05/1996 61 FR 33678
New Jersey Lead (1978) Areas Return to map No designated areas for this pollutant.											
New Jersey Lead (2008) Areas Return to map No designated areas for this pollutant.											

New Jersey NO2 (1971) Areas [Return to map](#)

No designated areas for this pollutant.

New Jersey Ozone-1Hr (1979) Areas [Return to map](#)

Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Design Value Annual (ppm) (entire area)	Meets NAAQS	SIP Requirements Original/Approved	Clean Air Determination Effective Date	Redesignation Request Date	Redesignation Effective Date
									Citation Click to view FR notice		Citation Click to view FR notice
Allentown-Bethlehem-Easton Area	Nonattainment (NAAQS revoked)	11/15/1990	Marginal	108,692	2013-2015	0.082	Yes	9 / 9	11/07/1994 59 FR 50848		-
Atlantic City Area	Nonattainment (NAAQS revoked)	11/15/1990	Moderate	371,814	2013-2015	0.081	Yes	23 / 23	01/06/2010 74 FR 63993		-
New York-N. New Jersey-Long Island Area	Nonattainment (NAAQS revoked)	11/15/1990	Severe-17	6,471,215	2013-2015	0.111	Yes	30 / 29	07/18/2012 77 FR 36163		-
Philadelphia-Wilmington-Trenton Area	Nonattainment (NAAQS revoked)	11/15/1990	Severe-15	1,840,173	2013-2015	0.101	Yes	30 / 30	05/08/2009 74 FR 15864		-

New Jersey Ozone-8Hr (1997) Areas [Return to map](#)

Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Design Value Annual (ppm) (entire area)	Meets NAAQS	SIP Requirements Original/Approved	Clean Air Determination Effective Date	Redesignation Request Date	Redesignation Effective Date
									Citation Click to view FR notice		Citation Click to view FR notice
New York-N. New Jersey-Long Island Area	Nonattainment (NAAQS revoked)	06/15/2004	Subpart 2/Moderate	6,003,340	2013-2015		Insufficient Data	53 / 45	07/18/2012 77 FR 36163		-
Philadelphia-Wilmington-Atlantic City Area	Nonattainment (NAAQS revoked)	06/15/2004	Subpart 2/Moderate	2,788,554	2013-2015		Insufficient Data	53 / 45	04/25/2012 77 FR 17341		-

New Jersey Ozone-8Hr (2008) Areas [Return to map](#)

Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Design Value Annual (ppm) (entire area)	Meets NAAQS	SIP Requirements Original/Approved	Clean Air Determination Effective Date	Redesignation Request Date	Redesignation Effective Date
									Citation Click to view FR notice		Citation Click to view FR notice
New York-N. New Jersey-Long Island	Nonattainment	07/20/2012	Moderate	6,003,340	2013-2015	0.084	No	54 / 1			-
Philadelphia-Wilmington-Atlantic City	Nonattainment	07/20/2012	Marginal	2,788,554	2013-2015		Insufficient Data	3 / 1			-
OTR								48 / 1			-

New Jersey PM-10 (1987) Areas [Return to map](#)

No designated areas for this pollutant.

New Jersey PM-2.5 (1997) Areas [Return to map](#)

Click on the Area name to view SIP Required Elements Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Design Value Annual (µg/m ³) (entire area)	Meets NAAQS	SIP Requirements Original/Approved	Clean Air Determination Effective Date	Redesignation Request Date	Redesignation Effective Date
									Citation Click to view FR notice		Citation Click to view FR notice
New York-N. New Jersey-Long Island	Maintenance	04/05/2005	Former Subpart 1	5,983,547	2013-2015	11.0	Yes	5 / 1	12/15/2010 75 FR 69589	12/26/2012	09/04/2013 78 FR 54396
Philadelphia-Wilmington	Maintenance	04/05/2005	Former Subpart 1	1,250,679	2013-2015	11.8	Yes	5 / 1	06/15/2012 77 FR 28782	12/26/2012	09/04/2013 78 FR 54396

New Jersey PM-2.5 (2006) Areas [Return to map](#)

Area designated nonattainment for the 24-hour standard

Click on the Area name to view SIP Required Elements Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Design Value 24-Hr (µg/m ³) (entire area)	Meets NAAQS	SIP Requirements Original/Approved	Clean Air Determination Effective Date	Redesignation Request Date	Redesignation Effective Date
									Citation Click to view FR notice		Citation Click to view FR notice
New York-N. New Jersey-Long Island	Maintenance	12/14/2009	Former Subpart 1	5,983,547	2013-2015	28	Yes	6 / 1	12/31/2012 77 FR 76867	12/26/2012	09/04/2013 78 FR 54396
Philadelphia-Wilmington	Maintenance	12/14/2009	Former Subpart 1	1,250,679	2013-2015	30	Yes	6 / 1	01/07/2013 78 FR 882	12/26/2012	09/04/2013 78 FR 54396

New Jersey PM-2.5 (2012) Areas [Return to map](#)

No designated areas for this pollutant.

New Jersey SO2 (1971) Areas [Return to map](#)

Click on the Area name to view SIP Required Elements Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Design Value Annual/24-Hr (ppb) (entire area)	Meets NAAQS	SIP Requirements Original/Approved	Clean Air Determination Effective Date	Redesignation Request Date	Redesignation Effective Date
									Citation Click to view FR notice		Citation Click to view FR notice
NJ portion of the Northeast Pennsylvania-Upper Delaware Valley Interstate AQCR: (part)	Nonattainment	11/15/1990		108,696		/		1 / 0			-

New Jersey SO2 (2010) Areas [Return to map](#)

No designated areas for this pollutant.

We have made our best effort to ensure that the data contained in these reports is accurate. We note that there may be brief delays in updating the reports as we receive new state submissions and we take rulemaking action on plans. In order to assist us in providing accurate information, we request that you contact us by clicking on the "Contact Us" link near the top of this page with any comments regarding or corrections to the posted information, including concerns about whether the entries reflect the most recent status.

Current and historical design value data can be found on the [EPA Air Trends website](#) and the [EPA Green Book](#) contains comprehensive nonattainment area, designation status, and historical information.

Southern Ocean Center

1361 Route 72 West

Manahawkin, NJ 08050

Inquiry Number: 4765764.8s

December 2, 2016

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Primary Map	2
Secondary Map	3
Aerial Photography	4
Map Findings	5
Record Sources and Currency	GR-1

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

Disclaimer - Copyright and Trademark Notice

The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

This report contains 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 OR 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, 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 produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
STANDARD ENVIRONMENTAL RECORDS				
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	not searched	-	-	-
State and tribal - equivalent CERCLIS	0.333	0	0	0
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	0	0
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	property	0	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	0
Other Standard Environmental Records	0.333	2	1	0
HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.125	0	0	0
Historical Dry Cleaners	0.125	0	1	0
Exclusive Recovered Govt. Archives	property	0	-	-

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

SOUTHERN OCEAN CENTER
1361 ROUTE 72 WEST
MANAHAWKIN, NJ 08050

COORDINATES

Latitude (North): 39.72538 - 39° 43' 31.367798"
Longitude (West): 74.291277 - 74° 17' 28.590088"
Elevation: 60 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site

SOUTHERN OCEAN CENTER
1361 RT 72
MANAHAWKIN, NJ 08050

SOUTHERN OCEAN CENTER
1361 RT 72
MANAHAWKIN, NJ 08050

Database(s)

NJEMS
Site Id: 172049

FINDS
Registry ID:: 110031790453

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone: Available

NWI Wetlands: Available

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Downer

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 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: 42.34 Min: 4.23	Max: 7 Min: 3.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	16 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: 42.34 Min: 4.23	Max: 6.5 Min: 3.6
3	16 inches	35 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, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6 Min: 3.6
4	35 inches	48 inches	loamy sand	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: 141.14 Min: 14.11	Max: 5.5 Min: 3.6
5	48 inches	79 inches	stratified sand to 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: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

Soil Map ID: 2

Soil Component Name: Pits, sand and gravel

Soil Surface Texture: very gravelly sand

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 4.5
2	5 inches	59 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 4.5

Soil Map ID: 3

Soil Component Name: Downer

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	16 inches	35 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, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6 Min: 3.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	35 inches	48 inches	loamy sand	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: 141.14 Min: 14.11	Max: 5.5 Min: 3.6
3	0 inches	9 inches	loamy sand	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: 141.14 Min: 42.34	Max: 7 Min: 3.6
4	9 inches	16 inches	loamy sand	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: 141.14 Min: 42.34	Max: 6.5 Min: 3.6
5	48 inches	79 inches	stratified sand to 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: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

Soil Map ID: 4

Soil Component Name: Atsion

Soil Surface Texture: peat

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 5 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	peat	A-8	Highly organic soils, Peat.	Max: 141 Min: 42	Max: 4.3 Min: 3.6
2	1 inches	3 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
3	3 inches	25 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
4	33 inches	46 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
5	25 inches	33 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
6	46 inches	51 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
7	51 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 4.5

Soil Map ID: 5

Soil Component Name: Psammments

Soil Surface Texture: fine sand

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

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	29 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
3	29 inches	72 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6

Soil Map ID: 6

Soil Component Name: Manahawkin

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	46 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	0 inches	12 inches	muck	A-8	Highly organic soils, Peat.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 3.6
3	12 inches	25 inches	muck	A-8	Highly organic soils, Peat.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 3.6
4	25 inches	46 inches	muck	A-8	Highly organic soils, Peat.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 3.6

Soil Map ID: 7

Soil Component Name: Water

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Unknown

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

EXECUTIVE SUMMARY

SEARCH RESULTS

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

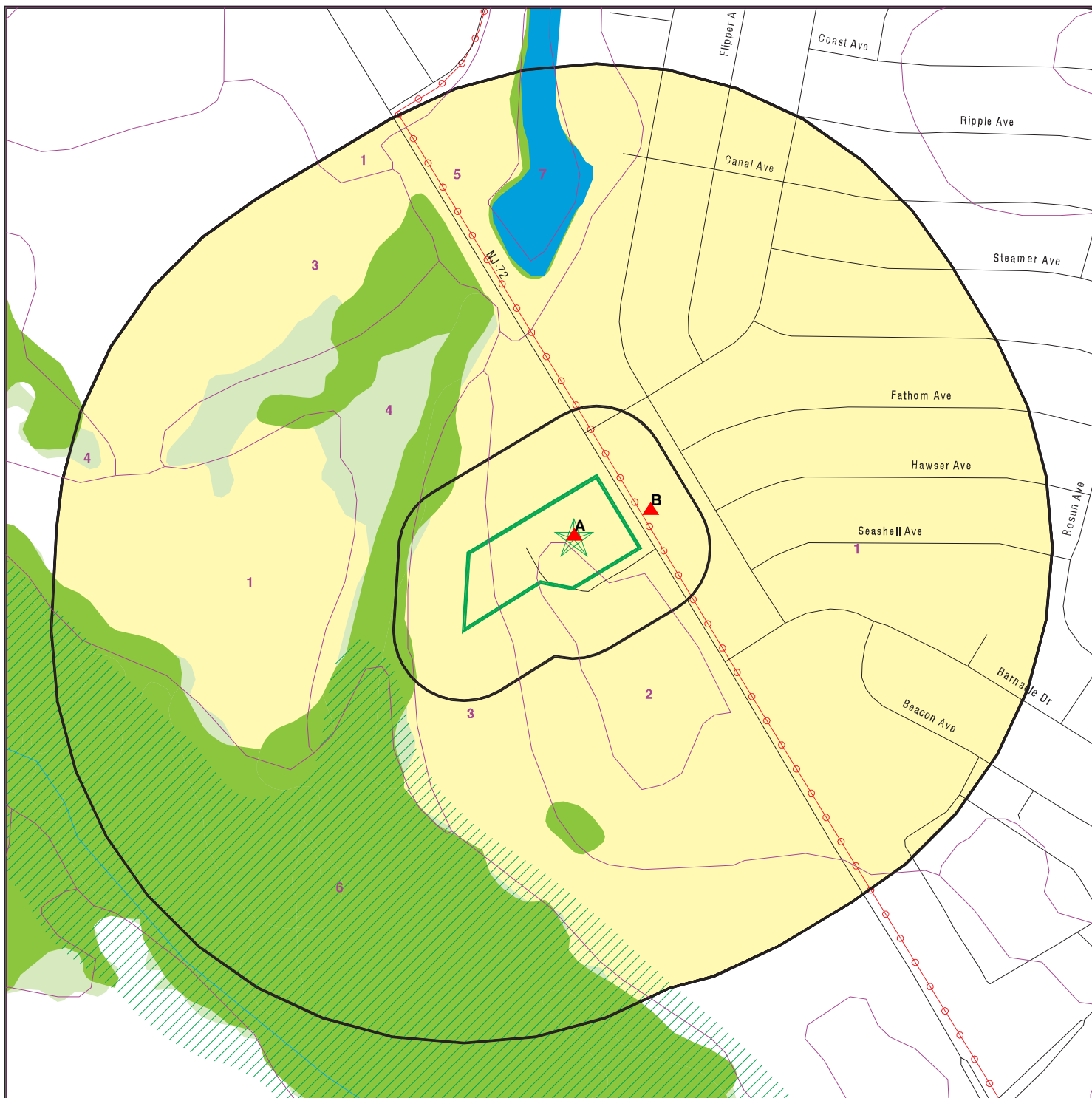
STANDARD ENVIRONMENTAL RECORDS








<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN OCEAN CENTER NJEMS: Other Standard Environmental Records	1361 RT 72	Property	▲ A1	16
SOUTHERN OCEAN CENTER FINDS: Other Standard Environmental Records	1361 RT 72	Property	▲ A2	18
TOWNSLEYS GREENER CLEANERS DRYCLEANERS: Other Standard Environmental Records	1364 RT 72 W	<1/10 ENE	▲ B3	19







HISTORICAL USE RECORDS





<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
1364 ROUTE 72 W EDR Hist Cleaner: Historical Dry Cleaners	1364 ROUTE 72 W	<1/10 ENE	▲ B4	20

PRIMARY MAP - 4765764.8S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

-  Groundwater Flow Direction
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location
-  SSURGO Soil

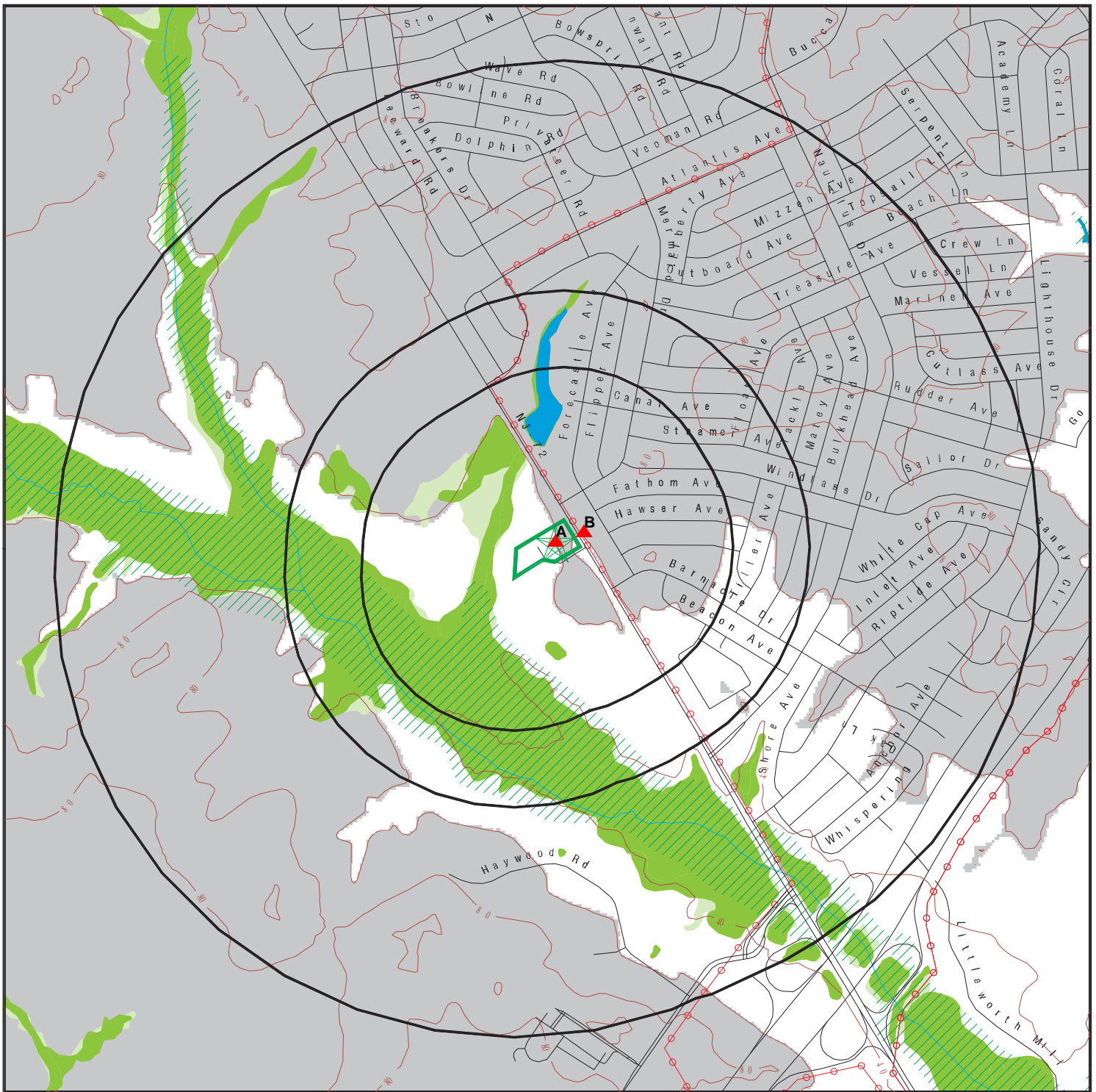
0 300 1/3 Miles



SITE NAME: Southern Ocean Center
 ADDRESS: 1361 Route 72 West
 Manahawkin NJ 08050
 LAT/LONG: 39.72538 / 74.291277

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Stephanie Ferguson
 INQUIRY #: 4765764.8s
 DATE: October 28, 2016 9:35 am

SECONDARY MAP - 4765764.8S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Contour Lines

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

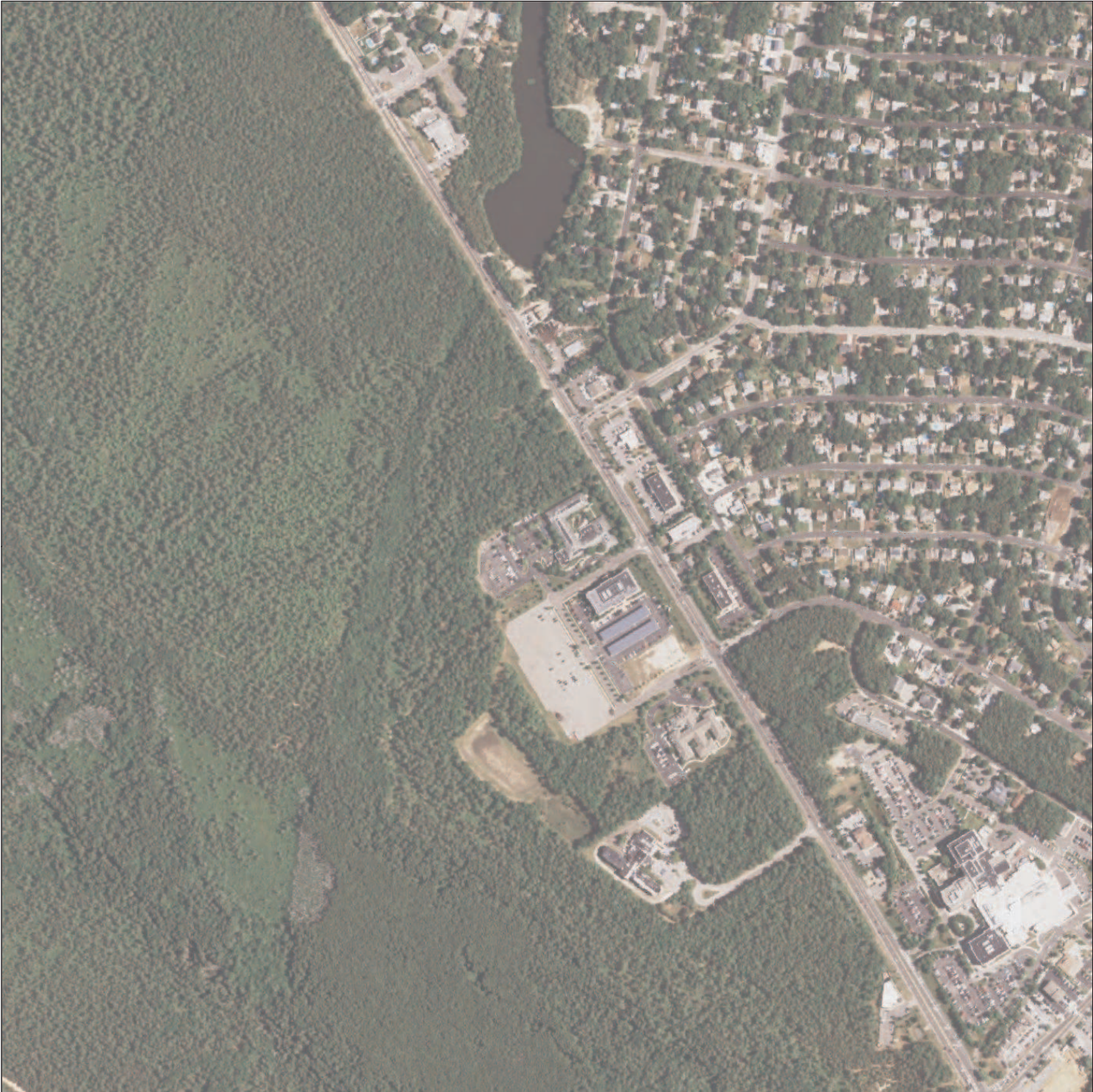
State Wetlands

Upgradient Area

SITE NAME: Southern Ocean Center
 ADDRESS: 1361 Route 72 West
 Manahawkin NJ 08050
 LAT/LONG: 39.72538 / 74.291277

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Stephanie Ferguson
 INQUIRY #: 4765764.8s
 DATE: October 28, 2016 9:34 am

AERIAL PHOTOGRAPHY - 4765764.8s



SITE NAME: Southern Ocean Center ADDRESS: 1361 Route 72 West Manahawkin NJ 08050 LAT/LONG: 39.72538 / 74.291277	CLIENT: Partner Engineering and Science, Inc. CONTACT: Stephanie Ferguson INQUIRY #: 4765764.8s DATE: October 28, 2016 9:36 am
---	---

MAP FINDINGS

LEGEND

FACILITY NAME		FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
▼ MAP ID#	Direction	Distance Range	(Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation		Feet Above Sea Level	
Worksheet:				
Comments: Comments may be added on the online Vapor Encroachment Worksheet.				

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

SOUTHERN OCEAN CENTER 1361 RT 72, MANAHAWKIN, NJ, 08050		S113528266
▲ A1	Target Property	Other Standard Environmental Records
	60 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

NJEMS: Other Standard Environmental Records



Site Id:	172049
Municipality:	STAFFORD TWP
Municipality Name From Spatial Overlay:	STAFFORD TWP
GNIS Civil Code For Municipality:	882069
Municipal Code (NJ-1040):	1531
X Coord:	551067
Y Coord:	324988
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	Approx. Addr. Match
Coord Origin:	DEP-GIS
State Standard Numeric Code From Spatial Overlay:	1530
Unique Feature Number For Municipality From Spatial Overlay:	Not Reported
Eleven Digit Hydrologic Unit Code From Spatial Overlay):	02040301130
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040301130020
Watershed Management Area Number From Spatial Overlay:	13

MAP FINDINGS

SOUTHERN OCEAN CENTER, 1361 RT 72, MANAHAWKIN, NJ 08050 (Continued)

Watershed Management Area Name From Spatial Overlay:	Barnegat Bay
Water Region Code From Spatial Overlay:	3
Water Region Name From Spatial Overlay:	Atlantic Coast
Sub Watershed Name From Overlay:	Mill Ck (above GS Parkway)
Watershed Name From Spatial Overlay:	Manahawkin/Upper Little Egg Harbor tribs

MAP FINDINGS

SOUTHERN OCEAN CENTER 1361 RT 72, MANAHAWKIN, NJ, 08050		1010470931
▲ A2	Target Property	Other Standard Environmental Records
	60 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

FINDS: Other Standard Environmental Records



Registry ID:

110031790453

Environmental Interest/Information System:

NJ-NJEMS (New Jersey - New Jersey Environmental Management System). The Department of Environmental Protection (NJDEP) manages large databases of environmental information in this integrated system.

MAP FINDINGS

TOWNSLEYS GREENER CLEANERS 1364 RT 72 W, STAFFORD TWP, NJ, 08050			S106482333
▲ B3	ENE <1/10	(121 ft. / 0.023 mi.)	Other Standard Environmental Records
	2 ft. Higher Elevation	62 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

NJ Drycleaners: Other Standard Environmental Records



Facility Id: L9035
 Contact Title: PRESIDENT
 Contact Name: DAVID TOWNSLEY
 SIC Code: 7216
 SIC Description: Drycleaning Plants, Except Rug Cleaning
 X Coordinate: 551099
 Y Coordinate: 325126
 Coordinate Units: NJ State Plane (NAD83) - USFEET
 Coordinate Type: Approx. Addr. Match
 Contact Phone: (609) 978-4035
 Active Flag: Y

Facility Id: L9035
 Contact Title: PRESIDENT
 Contact Name: DAVID TOWNSLEY
 SIC Code: 7218
 SIC Description: Industrial Launderers
 X Coordinate: 551099
 Y Coordinate: 325126
 Coordinate Units: NJ State Plane (NAD83) - USFEET
 Coordinate Type: Approx. Addr. Match
 Contact Phone: (609) 978-4035
 Active Flag: Y

MAP FINDINGS

1364 ROUTE 72 W 1364 ROUTE 72 W, MANAHAWKIN, NJ, 08050			1014990221
▲ B4	ENE <1/10 2 ft. Higher Elevation	(121 ft. / 0.023 mi.) 62 ft. Above Sea Level	Historical Dry Cleaners

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

EDR Historical Cleaners: Historical Dry Cleaners



- Name: DE NOIA CLEANERS LLC
- Year: 2010
- Address: 1364 ROUTE 72 W

- Name: DE NOIA CLEANERS LLC
- Year: 2011
- Address: 1364 ROUTE 72 W

- Name: TOWNSLEYS GREENER CLEANER
- Year: 2012
- Address: 1364 ROUTE 72 W

RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 3

Telephone: 202-564-6023

Last EDR Contact :08/12/2016

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/01/2016

Source: Environmental Protection Agency

Number of Days to Update: 99

Telephone: 202-564-8600

Last EDR Contact :07/25/2016

AIRS: Emissions Inventory Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

An emission inventory is an estimate of air pollutant emissions in a given area. Emission inventories are fundamental building blocks used to develop air quality control strategies on a local, regional and national level. Emission inventories are also used to estimate the progress of an air quality program.

Date of Government Version: 12/31/2014

Source: Department of Environmental Protection

Number of Days to Update: 39

Telephone: 609-984-5483

Last EDR Contact :07/29/2016

BROWNFIELDS: Brownfields Database

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

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: 07/25/2016

Source: Department of Environmental Protection

Number of Days to Update: 43

Telephone: 609-292-1251

Last EDR Contact :10/24/2016

RECORD SOURCES AND CURRENCY

CHROME: Chromate Chemical Production Waste Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Known chromate chemical production waste sites.

Date of Government Version: 09/17/2009

Source: Department of Environmental Protection

Number of Days to Update: 23

Telephone: 609-984-4071

Last EDR Contact :08/05/2016

COAL ASH: Coal Ash Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Coal combustion survey ash listing.

Date of Government Version: 05/10/2010

Source: Department of Environmental Protection

Number of Days to Update: 47

Telephone: 609-984-6985

Last EDR Contact :07/29/2016

DRYCLEANERS: Drycleaner List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

A listing of registered drycleaners.

Date of Government Version: 06/06/2016

Source: Department of Environmental Protection

Number of Days to Update: 92

Telephone: 609-292-2795

Last EDR Contact :08/05/2016

ENG CONTROLS: Declaration Environmental Restriction/Deed Notice Sites

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

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

Date of Government Version: 03/14/2016

Source: Department of Environmental Protection

Number of Days to Update: 62

Telephone: 609-341-3121

Last EDR Contact :08/22/2016

GW CONTAM AREAS: Groundwater Contamination Areas

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This data identifies those sites where groundwater contamination has been identified and, where appropriate, the NJDEP has established a Classification Exception Area (CEA). CEAs are institutional controls in geographically defined areas within which the New Jersey Ground Water Quality Standards (NJGWQS) for specific contaminants have been exceeded. When a CEA is designated for an area, the constituent standards and designated aquifer uses are suspended for the term of the CEA. This data layer contains information about areas in the state which are specified as the Currently Known Extent (CKE) of ground water pollution. CKE areas are geographically defined areas within which the local ground water resources are known to be compromised because the water quality exceeds drinking water and ground water quality standards for specific contaminants.

Date of Government Version: 05/13/2016

Source: Department of Environmental Protection

Number of Days to Update: 78

Telephone: 609-777-0672

Last EDR Contact :06/21/2016

HIST HWS: Known Contaminated Sites Listing

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal - equivalent CERCLIS
Search Distance: Property

The Known Contaminated Sites in New Jersey report is a municipal listing of sites where contamination of soil and/or ground water is confirmed at levels greater than the applicable cleanup criteria or standards. Remedial activities are underway or required at the sites with an on-site source(s) of contamination and at locations where the source(s) of contamination is unknown. Sites with completed remedial work that require engineering and/or institutional controls have reporting measures in place to ensure the effectiveness of past actions, and some include maintenance and/or monitoring

Date of Government Version: 05/09/2008
Number of Days to Update: 12
Last EDR Contact :03/16/2009

Source: Department of Environmental Protection
Telephone: 209-292-2943

HIST LF: Solid Waste Facility Directory

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

Old or non-permitted solid waste facilities/landfills that are not included in the current solid waste facilities/landfills database.

Date of Government Version: 06/10/2003
Number of Days to Update: 19
Last EDR Contact :02/19/2004

Source: Department of Environmental Protection
Telephone: 609-984-6880

HIST LUST: Historical Leaking USTs

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

This listing is no longer updated or maintained by the DEP.

Date of Government Version: 09/17/2002
Number of Days to Update: 12
Last EDR Contact :12/17/2007

Source: Department of Environment Protection
Telephone: 609-292-8761

HIST MAJOR FACILITIES: List of Major Facilities

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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 for hazardous substances of all kinds. This file contains detail information that is no longer available by the Department of Environmental Protection due to security concerns.

Date of Government Version: 01/02/2002
Number of Days to Update: N/A
Last EDR Contact :02/02/2009

Source: Department of Environmental Protection
Telephone: 609-633-7476

HWS RE-EVAL: Site Re-Evaluation Report

Standard Environmental Record Source: State and tribal - equivalent CERCLIS
Search Distance: 0.333 Mile

The locations were removed from the Known Contaminated Sites list for a variety of reasons. Some of the sites were taken off the list because they were inactive, some were not assigned a case worker and some were no longer contaminated. Inspectors from the DEP are now undertaking a full re-evaluation of each of the locations statewide. That includes visual and environmental tests to see whether contamination still exists.

Date of Government Version: 09/20/2007
Number of Days to Update: 52
Last EDR Contact :08/22/2016

Source: Department of Environmental Protection
Telephone: 609-984-3081

RECORD SOURCES AND CURRENCY

INST CONTROL: Classification Exception Area Sites

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

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: 05/05/2016

Source: Department of Environmental Protection

Number of Days to Update: 61

Telephone: 609-341-3121

Last EDR Contact :08/22/2016

ISRA: ISRA Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The ISRA process begins with determining if the Act applies to your type of business and transaction. The provisions of ISRA only apply to industrial establishments. What is an industrial establishment? The term "industrial establishment" refers to the type of business operations and transactions that would subject a facility to review under ISRA. An industrial establishment must meet each of the following three criteria: The place of business or real property at which such business is conducted, having a North American Industry Classification System (NAICS) code listed in N.J.A.C. 7:26 B - Appendix C subject to the specified exceptions and limitations. The place of business must have been engaged in operations on or after December 31, 1983; and The place of business must involve the generation, manufacture, refining, transportation, treatment, storage, handling, or disposal of hazardous substances or hazardous wastes.

Date of Government Version: 03/23/2016

Source: Department of Environmental Protection

Number of Days to Update: 48

Telephone: 609-984-3081

Last EDR Contact :09/19/2016

LIENS: Environmental LIENS

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of properties with environmental liens. The listing includes sites from the Site Remediation & Waste Management Program Sites where the Department has placed either a 1st Priority or Regular Spill Fund Lien against. 1st Priority Type Lien - a lien placed against the property where the discharge occurred providing that the owners of the property have some responsibility towards the discharge. First Priority Lien is superior to other types of liens. Non-Priority (Regular) Type Lien - a lien placed against the Responsible Party & their revenues and all real and personal property, other than the real property comprising the location of the discharge.

Date of Government Version: 07/05/2016

Source: Department of Environmental Protection

Number of Days to Update: 56

Telephone: 609-341-3121

Last EDR Contact :08/10/2016

LUST: UST Active Remediation Sites Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of regulated Underground Storage Tanks that have a cleanup underway.

Date of Government Version: 05/24/2016

Source: New Jersey Department of Environmental Protection

Number of Days to Update: 105

Telephone: 609-292-8761

Last EDR Contact :08/23/2016

MAJOR FACILITIES: List of Major Facilities

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

RECORD SOURCES AND CURRENCY

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 for hazardous substances of all kinds.

Date of Government Version: 05/04/2016
Number of Days to Update: 37
Last EDR Contact :10/12/2016

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

NJ MANIFEST: Manifest Information

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Number of Days to Update: 26
Last EDR Contact :10/12/2016

Source: Department of Environmental Protection
Telephone: Not Reported

NJ Release: Hazardous Material Incident Database

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 05/18/2016
Number of Days to Update: 71
Last EDR Contact :08/22/2016

Source: Department of Environmental Protection
Telephone: 609-341-3121

NJ Spills: Spills

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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.

Date of Government Version: 05/18/2016
Number of Days to Update: 71
Last EDR Contact :08/22/2016

Source: Department of Environmental Protection
Telephone: 609-341-3121

NJEMS: New Jersey Environmental Management System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

NJEMS Sites are points representing sites regulated by NJDEP under one or more regulatory permitting or enforcement programs, or sites that are otherwise of some interest to a NJDEP program. Program interests included in NJEMS are: Air, Communications Center, Discharge Prevention, Exams and Licensing, Fish Game and Wildlife, Green Acres, Hazardous Waste, Lab Certification, Land Use, Landscape Irrigation, Parks and Forestry, Pesticides, Pinelands, Planning, Radiation, Right-to-Know, Site Remediation, Soil Conservation, Solid Waste, TCPA, Water Quality, Water Supply, and Watershed Management.

Date of Government Version: 07/16/2016
Number of Days to Update: 44
Last EDR Contact :08/22/2016

Source: Department of Environmental Protection
Telephone: 609-633-1208

NJPDES: New Jersey Pollutant Discharge Elimination System Dischargers

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: Property

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

Date of Government Version: 05/17/2016

Source: Department of Environmental Protection

Number of Days to Update: 111

Telephone: 609-984-4428

Last EDR Contact :08/17/2016

NON OP LF: Non-Operating Landfills

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

The landfills described in this document are non-operating and historic landfills identified by, or reported to, the Department. Working with local and regional environmental agencies, community representatives, and through review of historic materials the Site Remediation Program is developing this inventory to prevent injury to human and ecological resources.

Date of Government Version: 06/26/2008

Source: Department of Environmental Protection

Number of Days to Update: 15

Telephone: 609-984-6650

Last EDR Contact :09/19/2016

PF: Publicly Funded Cleanups Site Status Report

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

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: 12/31/2003

Source: Department of Environmental Protection

Number of Days to Update: 11

Telephone: 609-292-9418

Last EDR Contact :10/24/2016

SHWS: Known Contaminated Sites in New Jersey

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

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: 06/30/2016

Source: New Jersey Department of Environmental Protection

Number of Days to Update: 68

Telephone: 609-292-8761

Last EDR Contact :08/22/2016

SWF/LF: Solid Waste Facility Directory

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

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: 06/30/2016

Source: Department of Environmental Protection

Number of Days to Update: 35

Telephone: 609-984-6741

RECORD SOURCES AND CURRENCY

Last EDR Contact :08/03/2016

SWRCY: Approved Class B Recycling Facilities

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

"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: 11/02/2015
Number of Days to Update: 38
Last EDR Contact :08/05/2016

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

UIC: Underground Injection Wells Database

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/09/2009
Number of Days to Update: 14
Last EDR Contact :07/29/2016

Source: Department of Environmental Protection
Telephone: 609-292-0407

UST: Underground Storage Tank Data

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

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: 04/25/2016
Number of Days to Update: 71
Last EDR Contact :08/08/2016

Source: Department of Environmental Protection
Telephone: 609-341-3121

VCP: Voluntary Cleanup Program Sites

Standard Environmental Record Source: State and tribal voluntary cleanup sites
Search Distance: 0.333 Mile

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: 04/06/2016
Number of Days to Update: 62
Last EDR Contact :09/30/2016

Source: Department of Environmental Protection
Telephone: 609-341-3121

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044

RECORD SOURCES AND CURRENCY

Last EDR Contact :09/06/2016

COAL ASH DOE: Steam-Electric Plant Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 12/31/2005

Source: Department of Energy

Number of Days to Update: 76

Telephone: 202-586-8719

Last EDR Contact :09/09/2016

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: Not Reported

Last EDR Contact :09/06/2016

CONSENT: Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2016

Source: Department of Justice, Consent Decree Library

Number of Days to Update: 53

Telephone: Varies

Last EDR Contact :09/26/2016

CORRACTS: Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list

Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016

Source: EPA

Number of Days to Update: 64

Telephone: 800-424-9346

Last EDR Contact :09/28/2016

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009

Source: EPA, Region 9

Number of Days to Update: 137

Telephone: 415-947-4219

Last EDR Contact :10/24/2016

DOCKET HWC: Hazardous Waste Compliance Docket Listing

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: Property

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016

Source: Environmental Protection Agency

Number of Days to Update: 91

Telephone: 202-564-0527

Last EDR Contact :08/24/2016

DOT OPS: Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 07/31/2012

Source: Department of Transportation, Office of Pipeline Safety

Number of Days to Update: 42

Telephone: 202-366-4595

Last EDR Contact :08/02/2016

Delisted NPL: National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: Not Reported

Last EDR Contact :10/05/2016

ECHO: Enforcement & Compliance History Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016

Source: Environmental Protection Agency

Number of Days to Update: 31

Telephone: 202-564-2280

Last EDR Contact :09/20/2016

EPA WATCH LIST: EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013

Source: Environmental Protection Agency

Number of Days to Update: 88

Telephone: 617-520-3000

Last EDR Contact :08/08/2016

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

RECORD SOURCES AND CURRENCY

Search Distance: Property

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

Date of Government Version: 03/28/2016

Source: National Response Center, United States Coast Guard

Number of Days to Update: 51

Telephone: 202-267-2180

Last EDR Contact :09/29/2016

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010

Source: FEMA

Number of Days to Update: 55

Telephone: 202-646-5797

Last EDR Contact :10/11/2016

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/20/2015

Source: EPA

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :09/07/2016

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :08/17/2016

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

Standard Environmental Record Source: Other Standard Environmental Records

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009

Source: EPA

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :08/17/2016

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015

Source: U.S. Army Corps of Engineers

Number of Days to Update: 97

Telephone: 202-528-4285

Last EDR Contact :09/09/2016

FUELS PROGRAM: EPA Fuels Program Registered Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016

Source: EPA

Number of Days to Update: 59

Telephone: 800-385-6164

Last EDR Contact :08/23/2016

FUSRAP: Formerly Utilized Sites Remedial Action Program

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016

Source: Department of Energy

Number of Days to Update: 59

Telephone: 202-586-3559

Last EDR Contact :07/26/2016

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: 202-564-2501

Last EDR Contact :12/17/2007

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 06/27/2016

Source: U.S. Department of Transportation

Number of Days to Update: 87

Telephone: 202-366-4555

Last EDR Contact :09/27/2016

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: Property

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016

Source: Environmental Protection Agency

Number of Days to Update: 77

Telephone: 202-564-5088

Last EDR Contact :10/11/2016

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015

Source: EPA Region 1

Number of Days to Update: 67

Telephone: 617-918-1313

Last EDR Contact :07/29/2016

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016

Source: EPA Region 10

Number of Days to Update: 41

Telephone: 206-553-2857

Last EDR Contact :07/27/2016

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Date of Government Version: 02/05/2016

Source: EPA Region 4

Number of Days to Update: 35

Telephone: 404-562-8677

Last EDR Contact :07/26/2016

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016

Source: EPA, Region 5

Number of Days to Update: 37

Telephone: 312-886-7439

Last EDR Contact :07/27/2016

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015

Source: EPA Region 6

Number of Days to Update: 105

Telephone: 214-665-6597

Last EDR Contact :07/27/2016

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Iowa, Kansas, and Nebraska

RECORD SOURCES AND CURRENCY

Date of Government Version: 10/09/2015
Number of Days to Update: 112
Last EDR Contact :07/27/2016

Source: EPA Region 7
Telephone: 913-551-7003

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Number of Days to Update: 118
Last EDR Contact :07/27/2016

Source: EPA Region 8
Telephone: 303-312-6271

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016
Number of Days to Update: 37
Last EDR Contact :07/27/2016

Source: Environmental Protection Agency
Telephone: 415-972-3372

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Number of Days to Update: 52
Last EDR Contact :08/05/2016

Source: Environmental Protection Agency
Telephone: 703-308-8245

INDIAN UST R1: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Number of Days to Update: 67
Last EDR Contact :07/29/2016

Source: EPA, Region 1
Telephone: 617-918-1313

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Number of Days to Update: 41
Last EDR Contact :07/27/2016

Source: EPA Region 10
Telephone: 206-553-2857

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

RECORD SOURCES AND CURRENCY

Date of Government Version: 02/05/2016
Number of Days to Update: 35
Last EDR Contact :07/26/2016

Source: EPA Region 4
Telephone: 404-562-9424

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Number of Days to Update: 52
Last EDR Contact :07/27/2016

Source: EPA Region 5
Telephone: 312-886-6136

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015
Number of Days to Update: 120
Last EDR Contact :07/27/2016

Source: EPA Region 6
Telephone: 214-665-7591

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Number of Days to Update: 65
Last EDR Contact :07/27/2016

Source: EPA Region 7
Telephone: 913-551-7003

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016
Number of Days to Update: 119
Last EDR Contact :07/27/2016

Source: EPA Region 8
Telephone: 303-312-6137

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016
Number of Days to Update: 37
Last EDR Contact :07/27/2016

Source: EPA Region 9
Telephone: 415-972-3368

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: Property

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015

Source: EPA, Region 1

RECORD SOURCES AND CURRENCY

Number of Days to Update: 142
Last EDR Contact :09/26/2016

Telephone: 617-918-1102

INDIAN VCP R7: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Number of Days to Update: 27
Last EDR Contact :04/20/2009

Source: EPA, Region 7
Telephone: 913-551-7365

LEAD SMELTER 1: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Number of Days to Update: 148
Last EDR Contact :10/20/2016

Source: Environmental Protection Agency
Telephone: 703-603-8787

LEAD SMELTER 2: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Number of Days to Update: 36
Last EDR Contact :12/02/2009

Source: American Journal of Public Health
Telephone: 703-305-6451

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS
Search Distance: Property

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Number of Days to Update: 37
Last EDR Contact :07/29/2016

Source: Environmental Protection Agency
Telephone: 202-564-6023

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: 0.333 Mile

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Number of Days to Update: 13
Last EDR Contact :10/14/2016

Source: Department of the Navy
Telephone: 843-820-7326

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

RECORD SOURCES AND CURRENCY

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: 08/30/2016

Source: Nuclear Regulatory Commission

Number of Days to Update: 43

Telephone: 301-415-7169

Last EDR Contact :09/05/2016

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: Not Reported

Last EDR Contact :10/05/2016

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Source: EPA

Number of Days to Update: 56

Telephone: 202-564-4267

RECORD SOURCES AND CURRENCY

Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985

Source: Environmental Protection Agency

Number of Days to Update: 39

Telephone: 800-424-9346

Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 01/20/2016

Source: EPA

Number of Days to Update: 127

Telephone: 202-566-0500

Last EDR Contact :10/14/2016

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011

Source: Environmental Protection Agency

Number of Days to Update: 83

Telephone: 202-566-0517

Last EDR Contact :07/29/2016

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet their requirements for listing.

Date of Government Version: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: Not Reported

Last EDR Contact :10/05/2016

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 04/17/1995

Source: EPA

Number of Days to Update: 35

Telephone: 202-564-4104

RECORD SOURCES AND CURRENCY

Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016

Source: Environmental Protection Agency

Number of Days to Update: 16

Telephone: 202-343-9775

Last EDR Contact :10/05/2016

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/21/2016

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-308-8895

Last EDR Contact :09/28/2016

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-308-8895

Last EDR Contact :09/28/2016

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-308-8895

Last EDR Contact :09/28/2016

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RECORD SOURCES AND CURRENCY

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/21/2016

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-308-8895

Last EDR Contact :09/28/2016

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list

Search Distance: 0.333 Mile

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/21/2016

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-308-8895

Last EDR Contact :09/28/2016

ROD: Records Of Decision

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 11/25/2013

Source: EPA

Number of Days to Update: 74

Telephone: 703-416-0223

Last EDR Contact :09/09/2016

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011

Source: Environmental Protection Agency

Number of Days to Update: 54

Telephone: 615-532-8599

Last EDR Contact :10/20/2016

SEMS: Superfund Enterprise Management System

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

RECORD SOURCES AND CURRENCY

Date of Government Version: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: 800-424-9346

Last EDR Contact :10/20/2016

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: 800-424-9346

Last EDR Contact :10/20/2016

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009

Source: EPA

Number of Days to Update: 77

Telephone: 202-564-4203

Last EDR Contact :10/24/2016

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2014

Source: EPA

Number of Days to Update: 133

Telephone: 202-566-0250

Last EDR Contact :08/26/2016

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2012

Source: EPA

Number of Days to Update: 14

Telephone: 202-260-5521

Last EDR Contact :09/23/2016

UMTRA: Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010

Source: Department of Energy

Number of Days to Update: 146

Telephone: 505-845-0011

Last EDR Contact :09/09/2016

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 06/30/2016

Source: EPA

Number of Days to Update: 88

Telephone: 202-564-2496

Last EDR Contact :09/26/2016

US AIRS MINOR: Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records

A listing of minor source facilities.

Date of Government Version: 06/30/2016

Source: EPA

Number of Days to Update: 88

Telephone: 202-564-2496

Last EDR Contact :09/26/2016

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/21/2016

Source: Environmental Protection Agency

Number of Days to Update: 72

Telephone: 202-566-2777

Last EDR Contact :09/21/2016

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016

Source: Drug Enforcement Administration

RECORD SOURCES AND CURRENCY

Number of Days to Update: 17
Last EDR Contact :08/31/2016

Telephone: 202-307-1000

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 05/09/2016
Number of Days to Update: 93
Last EDR Contact :08/31/2016

Source: Environmental Protection Agency
Telephone: 703-603-0695

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 07/12/2016
Number of Days to Update: 65
Last EDR Contact :08/17/2016

Source: Environmental Protection Agency
Telephone: 202-566-1917

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016
Number of Days to Update: 17
Last EDR Contact :08/31/2016

Source: Drug Enforcement Administration
Telephone: 202-307-1000

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 05/09/2016
Number of Days to Update: 93
Last EDR Contact :08/31/2016

Source: Environmental Protection Agency
Telephone: 703-603-0695

US MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 08/05/2016
Number of Days to Update: 22

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

RECORD SOURCES AND CURRENCY

Last EDR Contact :09/01/2016

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

Standard Environmental Record Source: Other Standard Environmental Records

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005

Source: USGS

Number of Days to Update: 49

Telephone: 703-648-7709

Last EDR Contact :09/02/2016

US MINES 3: Active Mines & Mineral Plants Database Listing

Standard Environmental Record Source: Other Standard Environmental Records

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011

Source: USGS

Number of Days to Update: 97

Telephone: 703-648-7709

Last EDR Contact :09/02/2016

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 62

Telephone: 888-275-8747

Last EDR Contact :10/14/2016

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 34

Telephone: 202-208-3710

Last EDR Contact :10/14/2016

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 12/17/2013

Source: EPA

Number of Days to Update: 279

Telephone: Not Reported

Last EDR Contact :08/29/2016

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: Not Reported

Source: New Jersey Department of Environmental Protection

Number of Days to Update: 176

Telephone: Not Reported

Last EDR Contact :06/01/2012

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: Not Reported

Source: New Jersey Department of Environmental Protection

Number of Days to Update: 193

Telephone: Not Reported

Last EDR Contact :06/01/2012

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: Not Reported

Source: New Jersey Department of Environmental Protection

Number of Days to Update: 176

Telephone: Not Reported

Last EDR Contact :06/01/2012

EDR Hist Auto: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.125 Mile

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.125 Mile

RECORD SOURCES AND CURRENCY

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: 08/28/2009

Source: EDR, Inc.

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :11/30/2012

RECORD SOURCES AND CURRENCY

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5' minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] 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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services. The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX A: SECTION 4
SHPO

NJ Historic Preservation Office
Attn: Daniel Saunders, Administrator
Mail Code 501-04B
P.O Box 420
Trenton, NJ 08625-420
Tel: 609-984-0716
Fax: 609-984-0578



November 2, 2016
17-0208 me
K2016-2502
HISTORIC PRESERVATION OFC

7 NOV'16

RCVD

Subject: "No Historic Properties Effected" Concurrence Request

Southern Ocean Center
1361 Route 72 West
Manahawkin NJ 08050
Partner Project # 16-171933.16
Block 13, Lot 35.03

Partner Engineering and Science, Inc. is conducting an **Environmental Site Assessment** and/or a **Property Capital Needs Assessment** of Southern Ocean Center, 1361 Route 72 West, Manahawkin NJ 08050 of Ocean County. We respectfully request for consultation regarding the proposed project in accordance with 36 CFR 800.

The subject property is currently occupied by Southern Ocean Center for healthcare use. Onsite operations consist of medical and patient care associated with short-stay rehabilitation and long-term respite and hospice stays; associated administrative work; and routine facility maintenance. In addition to the current structure, the subject property is also improved with dining rooms, beauty salon, activity room, laundry room, sunroom, courtyards, as asphalt-paved parking areas, associated landscaping and drainage features.

A site map is attached for your review. Adjacent properties consist of the following:

North:	Undeveloped woodland
East:	SOCH Medical Group (1301 NJ 72)
South:	Stafford Diner (1388 NJ-72), Stafford Medical PA (1364 NJ-72) and The Pavilion Shopping Center (1340 NJ-72) across Route 72 West/ Barnegat Road
West:	Undeveloped woodland

This assessment is being conducted on behalf of a financial services client under HUD guidelines, as well as all federal, state and local guidelines, and, therefore, it is necessary to determine if this location is listed on the National Register of Historic Places and/or will adversely affect any historic properties on and/or in the subject vicinity.

The transaction consists of refinancing the existing of loan, to be insured under HUD programs. There will be no new construction and no ground breaking activity. **We are requesting an informal review of this site and a reply that will indicate that this project will have no affect on any onsite and/or abutting historic properties in the area.** In an effort to expedite the response process, you may simply check the appropriate box/statement below and return via mail/email.

Please check one:

- 17-D 208
K2016-252
- There are no historic properties present.
 - There are historic properties present but the undertaking will have no effect upon them.
 - There are historic properties present that may be affected by the undertaking and the undertaking will have No Adverse Effect on those properties.
 - There are historic properties present and the project will have ADVERSE EFFECTS on historic properties.

NOTE: Under the provisions contained in the HUD MAP Guidelines, dated November, 2011, Chapter 9.5, Sec. C(3), "SHPO is allowed 30 days from receipt...to reply to requests for consultation. If there is no reply within that time, and if there is no reason to anticipate an objection to the Application for Firm Commitment, HUD may make a determination of no effect and a commitment may be issued..."

If your response is not received within 30 days from the date of your receipt of this letter, your non-response is deemed to be concurrence that the herein described project will not have any adverse effect on any historic properties.

If you require additional information, have any questions/comments regarding this request, please contact me at (732) 380-1700 and fax: (732) 380-1701 or e-mail at kforbes@partneresi.com.

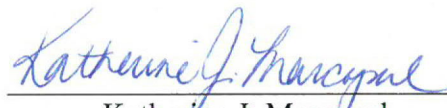
Thank you for your time and assistance.

Sincerely,



Krystina Forbes
FOIA Coordinator

I concur with your finding that there are no historic properties affected within the project's area of potential effects. Consequently, pursuant to 36 CFR 800.4(d)(1), no further Section 106 consultation is required unless additional resources are discovered during project implementation pursuant to 36 CFR 800.13.



Katherine J. Marcopul

12/1/2016

Date

Deputy State Historic Preservation Officer

NOT APPLICABLE FOR THIS REPORT

**APPENDIX A: SECTION 5
NOISE COMPLIANCE INFORMATION AND CALCULATIONS, IF
APPLICABLE**

APPENDIX H4 - NOISE ASSESSMENT WORKSHEET

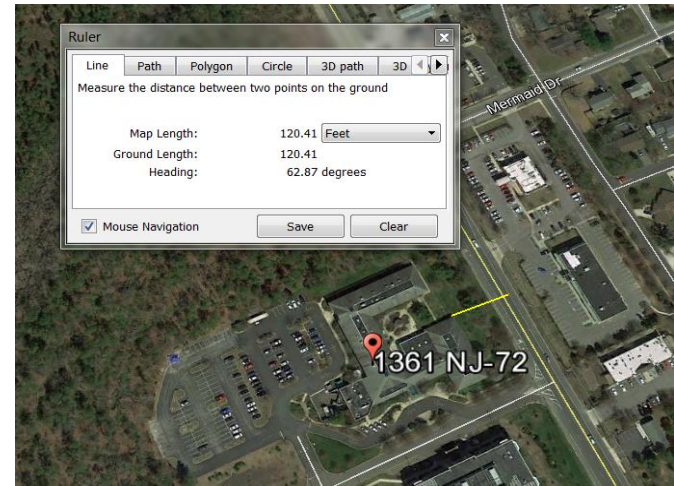
Road Name Barnegat Road

provided by State 15,632

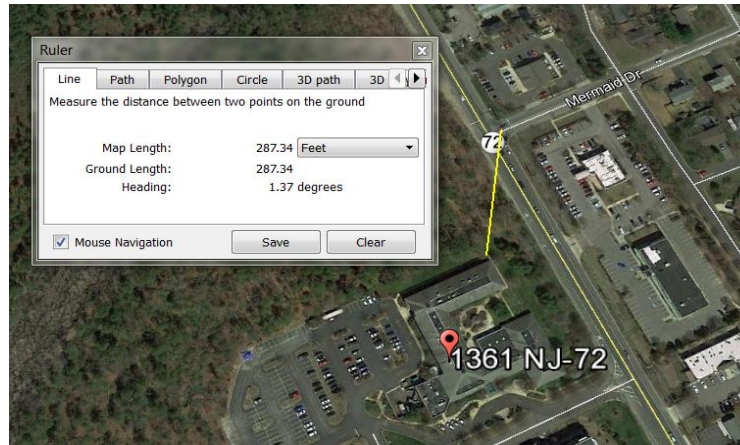
YEAR	CAR COUNT	0.05%	NEW CC	TRUCK COUNT	0.05%	NEW TC
2015	15163.04	1.005	15238.855	468.96	1.005	471.3048
2016	15238.8552	1.005	15315.049	471.3048	1.005	473.661324
2017	15315.04948	1.005	15391.625	473.661324	1.005	476.029631
2018	15391.62472	1.005	15468.583	476.0296306	1.005	478.409779
2019	15468.58285	1.005	15545.926	478.4097788	1.005	480.801828
2020	15545.92576	1.005	15623.655	480.8018277	1.005	483.205837
2021	15623.65539	1.005	15701.774	483.2058368	1.005	485.621866
2022	15701.77367	1.005	15780.283	485.621866	1.005	488.049975
2023	15780.28254	1.005	15859.184	488.0499753	1.005	490.490225
2024	15859.18395	1.005	15938.48	490.4902252	1.005	492.942676
2025	15938.47987	1.005	16018.172	492.9426763	1.005	495.40739
2026	16018.17227	1.005	16098.263	495.4073897	1.005	497.884427
			16098			498

3% of Car Traffic Count:
15,632
468.96
15163.04

NOTES: 3% of Car Traffic Count = Truck Traffic Count 248.942213
Night Fraction of ADT = 15
Road Gradient = 2%
Predominantly Developed Area: Use 0.05%
Not Completely Developed Area: Use 1.5%



Stop Sign 287 feet from the subject property



[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#)
> [DNL Calculator](#)

DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- Note #1: Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- Note #2: DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	16-172634.16
Record Date	12/02/2016
User's Name	Southern Ocean Center

Road # 1 Name:	Barnegat Road
----------------	---------------

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	120	120	120
Distance to Stop Sign	287	287	287
Average Speed	35	35	35
Average Daily Trips (ADT)	16098	249	249
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	57.9	49.8	65.6
Calculate Road #1 DNL	66.4	Reset	

[Add Road Source](#) [Add Rail Source](#)

Airport Noise Level	N/A
---------------------	-----

Loud Impulse Sounds? Yes No

Combined DNL for all Road and Rail sources	66.4
--	------

Combined DNL including Airport	NaN
--------------------------------	-----

Site DNL with Loud Impulse Sound	
----------------------------------	--

[Calculate](#)

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- Other Reasonable Alternatives: Choose an alternate site
- Mitigation
 - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
 - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
 - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
 - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
 - Construct noise barrier. See the Barrier Performance Module (</programs/environmental-review/bpm-calculator/>)

Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

**APPENDIX A: SECTION 6
ASDs, IF APPLICABLE**

[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#)
> ASD Calculator

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft² - hr - people and 10,000 BTU/ft² - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?

Yes: No:

Is the container under pressure?

Yes: No:

Does the container hold a cryogenic liquified gas?

Yes: No:

Is the container diked?

Yes: No:

What is the volume (gal) of the container?

What is the Diked Area Length (ft)?

What is the Diked Area Width (ft)?

WHAT IS THE DIKED AREA WIDTH (ft):

Calculate Acceptable Separation Distance

Diked Area (sqft)

ASD for Blast Over Pressure (ASDBOP)

ASD for Thermal Radiation for People (ASDPPU)

141.45

ASD for Thermal Radiation for Buildings (ASDBPU)

23.89

ASD for Thermal Radiation for People (ASDPNPD)

ASD for Thermal Radiation for Buildings (ASDBNPD)

For mitigation options, please click on the following link: [Mitigation Options \(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/\)](/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using [Ask A Question \(/ask-a-question/my-question/\)](/ask-a-question/my-question/). Enter "Environmental Review" in the "My question is related to" field.

Related Information

- [ASD User Guide \(/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/\)](/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- [ASD Flow Chart \(/resource/3840/acceptable-separation-distance-asd-flowchart/\)](/resource/3840/acceptable-separation-distance-asd-flowchart/)

PARTNER

Engineering and Science, Inc.

November 14, 2016

Stafford Township
Attn: Heidi Michel, Fire Official
260 E. Bay Avenue
Manahawkin, NJ 08050
Tel: 609-597-1000
Fax: 609-597-4911
Email: fire@staffordnj.gov

Subject: Conformance Request
Partner Project Number: 16-172634.16

Heidi Michel,

As part of the US Department of Housing and Urban Development (HUD) real estate assessment that Partner Engineering & Science, Inc. (Partner) is performing, we are requesting your assistance to evaluate the risks associated with aboveground storage tank(s) (AST(s)) at the above-listed below. HUD requires that we consult with the local fire authority to obtain a conformance letter addressing the safety of the AST(s) on the property in relation to their proximity to buildings and other features on the property. Partner is currently conducting an assessment at the following property:

Southern Ocean Center, 1361 Route 72 West, Manahawkin, NJ 08050

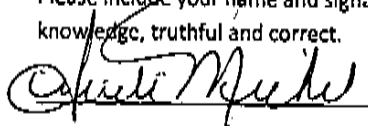
Partner observed a 200-gallon aboveground storage tank (AST) for the storage of diesel for the emergency generator on the subject property. The generator and AST are located in the landscaped area approximately 10 feet west of the structure. The AST is a belly tank and is not equipped with additional secondary containment. No staining, leaks or spills were noted in the vicinity of the AST, and no releases have been reported to the NJ DEP. Based on Partner's observations, the AST is not considered an environmental concern at this time.

Is the AST at the subject property noted above in conformance with applicable local safety ordinances (current and/or date of construction)?

Yes

No (If no, please attach all related information)

Please include your name and signature below in order to document that the information provided here is, to the best of your knowledge, truthful and correct.

 Heidi Michel, Fire 11-16-16

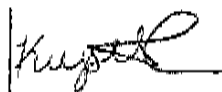
Signature

Printed Name, Title

Date

Thank you for your time and effort in completing the above request for information. If any more information is needed from our company in regards to the completion of this request, please contact me at 732-380-1700. Please fax this form and any additional information to me at 732-380-1701 or send via e-mail to kforbes@partneresi.com.

Sincerely,



Krystina Forbes
FOIA Coordinator

**APPENDIX A: SECTION 7
USFW ENDANGERED SPECIES (IPAC)**

IPaC My project ocean County, New Jersey

U.S. Fish & Wildlife Service

This project potentially impacts **29 resources** managed or regulated by the U.S. Fish & Wildlife Service.

Endangered species

Proposed, candidate, threatened, and endangered species are managed by the Endangered Species Program of the U.S. Fish & Wildlife Service.

The list of species below are those that may occur or could potentially be affected by activities in this location:

Flowering Plants

Knieskern's Beaked-rush *Rhynchospora knieskernii*

Threatened (A species likely to become endangered within the foreseeable future throughout all or a significant portion of its range)

Swamp Pink *Helonias bullata*

Threatened (A species likely to become endangered within the foreseeable future throughout all or a significant portion of its range)

Mammals

Northern Long-eared Bat *Myotis septentrionalis*

Threatened (A species likely to become endangered within the foreseeable future throughout all or a significant portion of its range)

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS IN THIS LOCATION

Migratory birds

Birds are protected by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

Any activity that results in the take (to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct) of migratory birds or eagles is prohibited unless authorized by the U.S. Fish & Wildlife

Service.^[1] There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

1. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The following species of migratory birds could potentially be affected by activities in this location:

American Bittern *Botaurus lentiginosus*

On Land Season: Breeding

American Oystercatcher *Haematopus palliatus*

On Land Season: Year-round

Bald Eagle *Haliaeetus leucocephalus*

On Land Season: Year-round

Black Skimmer *Rynchops niger*

On Land Season: Breeding

Black-billed Cuckoo *Coccyzus erythrophthalmus*

On Land Season: Breeding

Blue-winged Warbler *Vermivora pinus*

On Land Season: Breeding

Fox Sparrow *Passerella iliaca*

On Land Season: **Wintering**

Gull-billed Tern *Gelochelidon nilotica*

On Land Season: **Breeding**

Hudsonian Godwit *Limosa haemastica*

At Sea Season: **Migrating**

Least Bittern *Ixobrychus exilis*

On Land Season: **Breeding**

Lesser Yellowlegs *Tringa flavipes*

On Land Season: **Wintering**

Marbled Godwit *Limosa fedoa*

On Land Season: **Wintering**

Peregrine Falcon *Falco peregrinus*

On Land Season: **Wintering**

Pied-billed Grebe *Podilymbus podiceps*

On Land Season: **Year-round**

Prairie Warbler *Dendroica discolor*

On Land Season: **Breeding**

Prothonotary Warbler *Protonotaria citrea*

On Land Season: **Breeding**

Purple Sandpiper *Calidris maritima*

On Land Season: **Wintering**

Red Knot *Calidris canutus rufa*

On Land Season: **Wintering**

Rusty Blackbird *Euphagus carolinus*

On Land Season: **Wintering**

Seaside Sparrow *Ammodramus maritimus*

On Land Season: **Year-round**

Short-eared Owl *Asio flammeus*

On Land Season: **Wintering**

Snowy Egret *Egretta thula*

On Land Season: **Breeding**

Upland Sandpiper *Bartramia longicauda*

On Land Season: **Breeding**

Willow Flycatcher *Empidonax traillii*

On Land Season: **Breeding**

Wood Thrush *Hylocichla mustelina*

On Land Season: **Breeding**

Worm Eating Warbler *Helmitheros vermivorum*

On Land Season: **Breeding**

Wildlife refuges and fish hatcheries

THERE ARE NO REFUGES OR FISH HATCHERIES IN THIS LOCATION

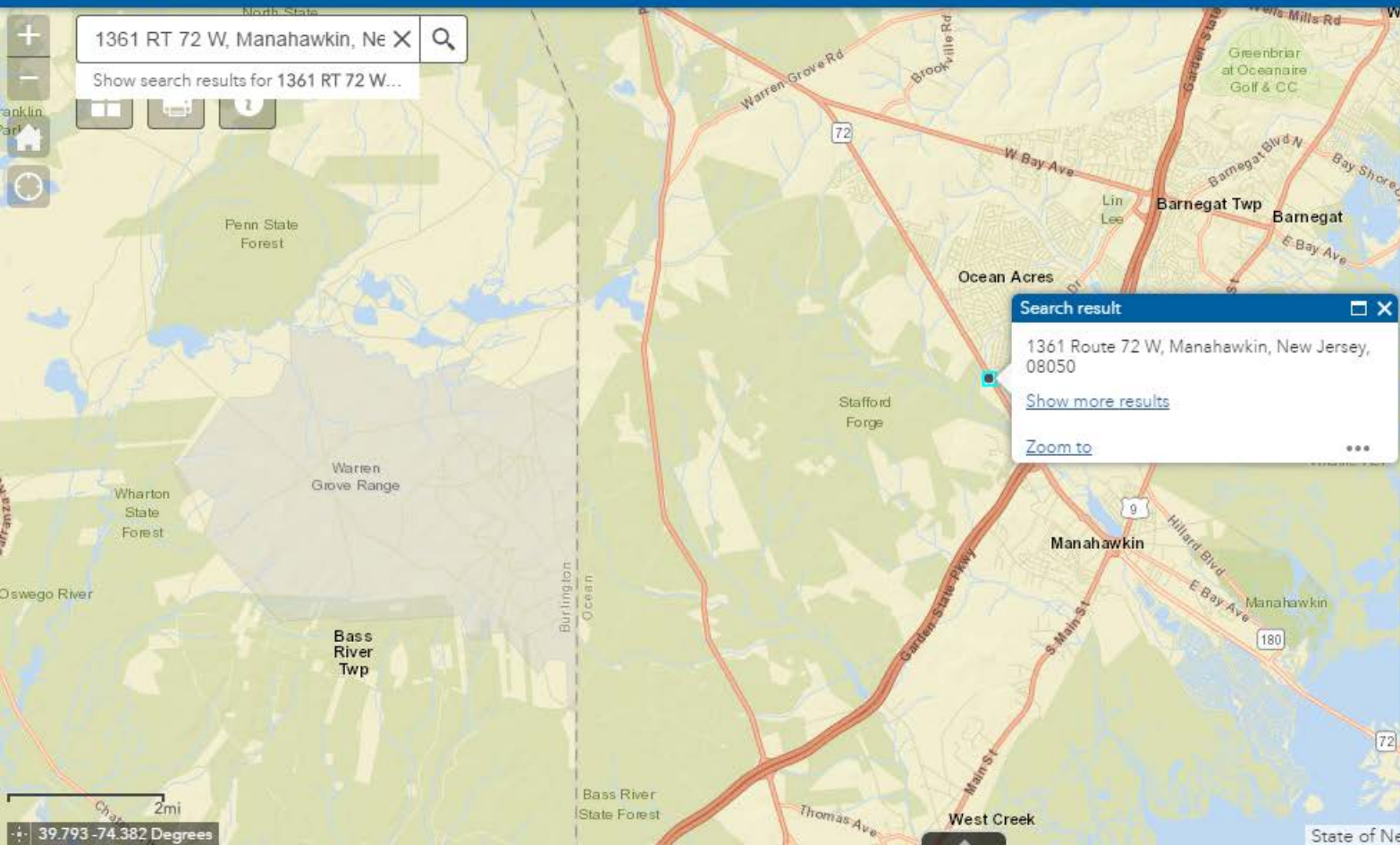
Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local
U.S. Army Corps of Engineers District.

THERE ARE NO WETLANDS IN THIS LOCATION

APPENDIX A: SECTION 8
SOLE SOURCE AQUIFER MAP, IF APPLICABLE



1361 RT 72 W, Manahawkin, Ne X

Show search results for 1361 RT 72 W...

Search result

1361 Route 72 W, Manahawkin, New Jersey, 08050

[Show more results](#)

[Zoom to](#)

Legend

Sole Source Aquifers



Sole Source Aquifer Labels

**APPENDIX A: SECTION 9
COASTAL BARRIER / MANAGEMENT ZONE INFORMATION /
PRIME FARMLAND,
IF APPLICABLE**



U.S. Fish and Wildlife Service Coastal Barrier Resources System Mapper

Zoom History



Measure

Streets

Imagery/Labels

Topo

USCS Topo



1-72 West, Manahawkin, NJ 08

Find Location

CBRS Enter CBRS unit number(e.g. Q01P)

Find CBRS

Available Layers

- CBRS Buffer Zones ?
- CBRS Units ?

CBRS Units

- Otherwise Protected Area
- System Unit

CBRS Buffer Zone

- CBRS Buffer Zone

Mill Creek Tributary

Southern Ocean Medical Center

Layers

- Ocean Disposal Sites >
- BOEM Layers - BOEM Wind Planning Areas >
- BOEM Layers - Active Renewable Energy Leases >
- US Maritime Limits Boundaries Map Service Layer >
- 2013VesselDensity >
- USDOC NOAA Public Wrecks and Obstructions >
- USDOJ USGS Tide Stations >
- CFEM StormSurge >
- NOAA Estuarine Bathymetry >

Search result

1361 Route 72 W, Manahawkin, New Jersey, 08050

[Show more results](#)





Contact Us | Subscribe | Archived Soil Surveys | Soil Survey Status | Glossary | Preferences | Link | Logout | Help | A A A

Area of Interest (AOI) | Soil Map | Soil Data Explorer | Download Soils Data | Shopping Cart (Free)

View Soil Information By Use: All Uses | Printable Version | Add to Shopping Cart

Intro to Soils | Suitabilities and Limitations for Use | Soil Properties and Qualities | Ecological Site Assessment | Soil Reports

Search

Suitabilities and Limitations Ratings

Building Site Development

Construction Materials

Disaster Recovery Planning

Land Classifications

Conservation Tree and Shrub Group

Ecological Site ID

Ecological Site Name

Farmland Classification

View Options

Map

Table

Description of Rating

Rating Options

Detailed Description

Advanced Options

Hydric Rating by Map Unit

Irrigated Capability Class

Irrigated Capability Subclass

National Commodity Crop Productivity Index v2

NH Forest Soil Group

Nonirrigated Capability Class

Nonirrigated Capability Subclass

Soil Taxonomy Classification

Land Management

Military Operations

Recreational Development

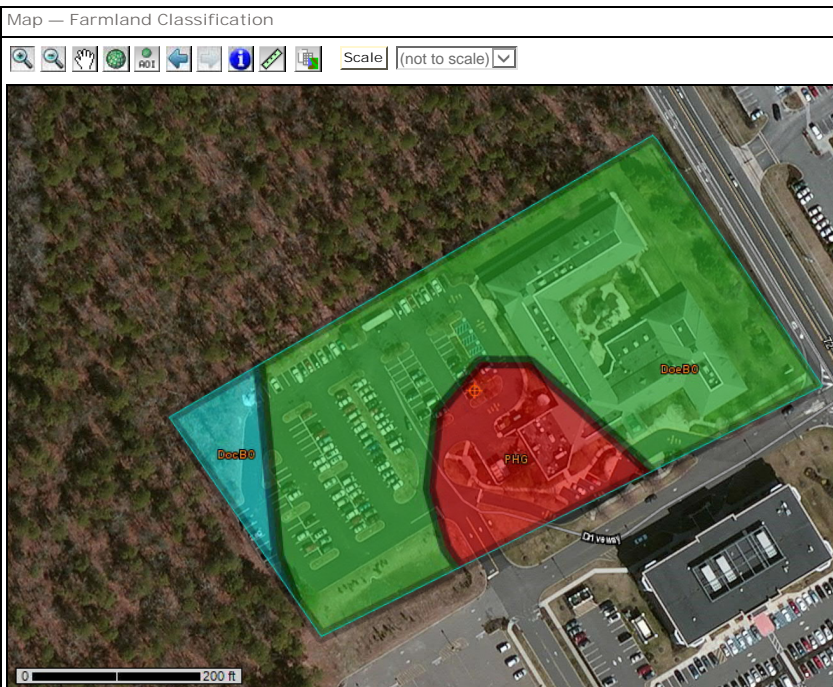
Sanitary Facilities

Soil Quality

Vegetative Productivity

Waste Management

Water Management



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

You have zoomed in beyond the scale at which the soil map for this area is intended to be used. Maps done at a particular scale. The soil surveys that comprise your AOI were mapped at 1:24,000. The details and the level of detail shown in the resulting soil map are dependent on that map scale.

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

Tables — Farmland Classification — Summary By Map Unit

Summary by Map Unit — Ocean County, New Jersey (NJ029)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
DocBO	Downer loamy sand, 0 to 5 percent slopes, Northern Tidewater Area	Farmland of statewide importance	0.3	6.5%
DoeBO	Downer sandy loam, 2 to 5 percent slopes, Northern Tidewater Area	All areas are prime farmland	3.9	76.6%
PHG	Pits, sand and gravel	Not prime farmland	0.9	17.0%
Totals for Area of Interest			5.1	100.0%

Description — Farmland Classification

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options — Farmland Classification

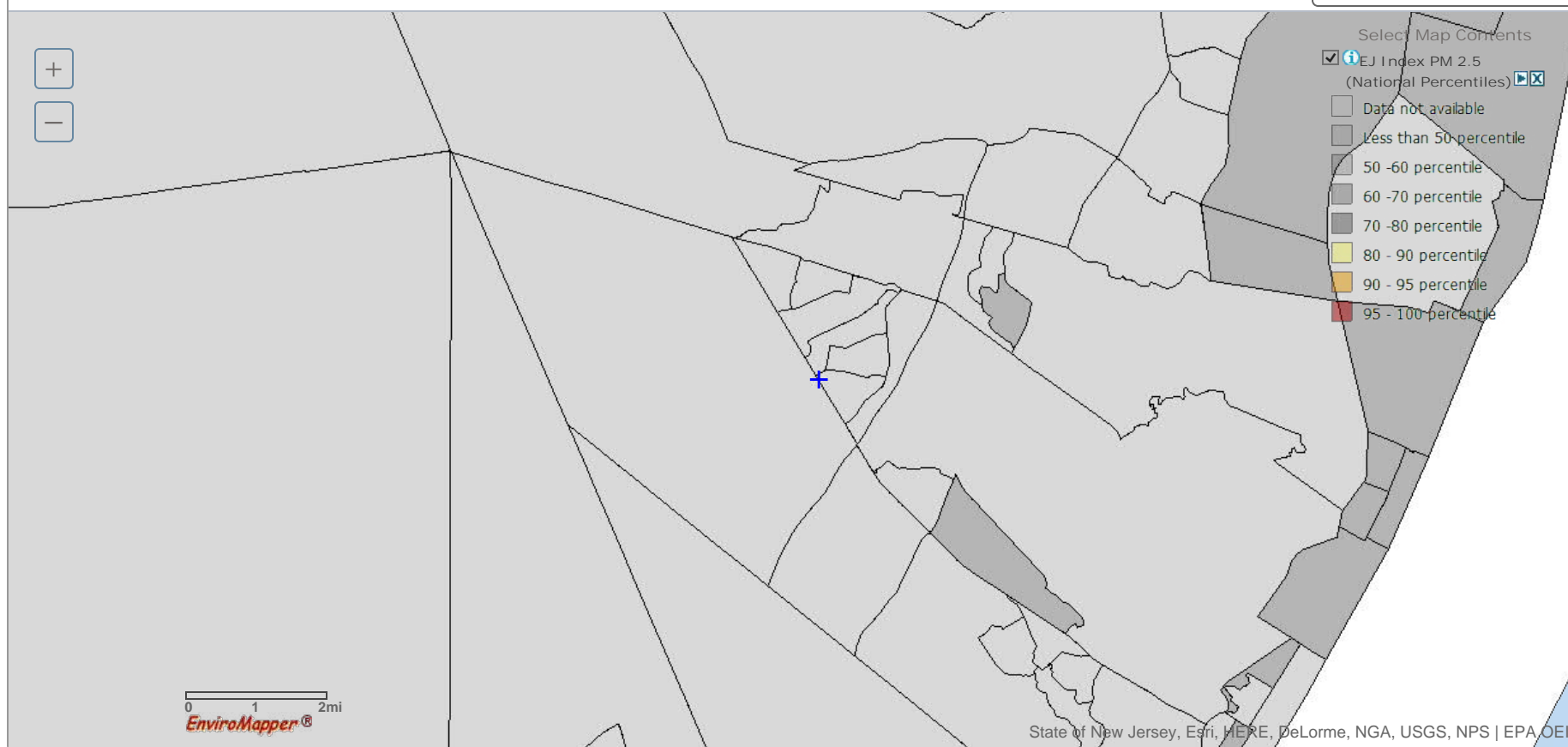
Aggregation Method: No Aggregation Necessary
 Tie-break Rule: Lower

**APPENDIX A: SECTION 10
ENVIRONMENTAL JUSTICE MAP**

EPA EJSCREEN EPA's Environmental Justice Screening and Mapping Tool (Version 2016)

Generate Reports Add Maps Erase Print Measure Bookmarks Basemap

1361 Route 72 West, Manahaw



APPENDIX A: SECTION 11
WILD AND SCENIC RIVERS, IF APPLICABLE



HOME | NATIONAL SYSTEM | MANAGEMENT | RESOURCES | PUBLICATIONS | CONTACT US | 50 YEARS

NEW JERSEY

New Jersey has approximately 6,450 miles of river, of which 262.9 miles are designated as wild & scenic—more than 4% of the state's river miles.



Choose A State [v] Go
Choose A River [v] Go

Still, white winters, subtle shades of spring green, lazy summer days, autumns lit with color, rivers in the Northeast showcase the seasons.

[+ View larger map](#)

- Delaware River (Lower)**
- Delaware River (Middle)**
- Great Egg Harbor River**
- Maurice River**
- Musconetcong River**

NATIONWIDE RIVERS INVENTORY | CONTACT US | PRIVACY NOTICE | Q & A SEARCH ENGINE | SITE MAP



Designated Rivers

[About WSR Act](#)
[State Listings](#)
[Profile Pages](#)

National System

[WSR Table](#)
[Study Rivers](#)
[Stewardship](#)
[WSR Act Legislation](#)

River Management

[Council](#)
[Agencies](#)
[Management Plans](#)
[GIS Mapping](#)

Resources

[Q & A Search](#)
[Bibliography](#)
[Publications](#)
[GIS Mapping](#)
[Logo & Sign Standards](#)
[Display](#)

APPENDIX B

ASTM PHASE I ENVIRONMENTAL SITE ASSESSMENT

PARTNER

Engineering and Science, Inc.



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Southern Ocean Center

1361 Route 72 West
Manahawkin, New Jersey 08050

Report Date: October 28, 2016
Partner Project No. 16-171933.16
Client Reference No. RIMS# G-16-01556-70-1



Prepared for:

KeyBank National Association

127 Public Square
Cleveland, Ohio 44114

October 28, 2016

Mr. John Stibley
KeyBank National Association
127 Public Square
Cleveland, Ohio 44114

Subject: Phase I Environmental Site Assessment
Southern Ocean Center
1361 Route 72 West
Manahawkin, New Jersey 08050
Partner Project No. 16-171933.16
Client Reference No. RIMS# G-16-01556-70-1

Dear Mr. Stibley:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (443) 455-1637.

Sincerely,



Brad Fountain
Relationship Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by KeyBank National Association for the property located at 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey (the "subject property"). The Phase I Environmental Site Assessment is designed to provide KeyBank National Association with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property at 1361 Route 72 West in Manahawkin, New Jersey is located on the west side of Route 72/Barnegat Road within a mixed commercial/residential/undeveloped area of Ocean County. Please refer to the table below for further description of the subject property:

Subject Property Data

Address(es):	1361 Route 72 West, Manahawkin, New Jersey
Property Use:	Skilled nursing facility
Land Acreage (Ac):	5.338 Ac
Number of Buildings:	One
Number of Floors:	Two
Gross Building Area (SF):	54,606 SF (Total)
Date of Construction:	1994
Assessor's Parcel Number (APN):	Block 13, Lot 35.03
Type of Construction:	Concrete Tilt-Up/Brick/Wood-Framed
Current Tenants:	Southern Ocean Center consisting of 136 beds within 72 rooms (8 private; 64 semi-private)
Site Assessment Performed By:	Jonathan Watson of Partner
Site Assessment Conducted On:	October 19, 2016

The subject property is currently occupied by Southern Ocean Center for healthcare use. Onsite operations consist of medical and patient care associated with short-stay rehabilitation and long-term respite and hospice stays; associated administrative work; and routine facility maintenance. In addition to the residential rooms, the structure contains dining rooms, a beauty salon, an activity room, a laundry room, a sunroom, and other miscellaneous amenities. In addition to the current structure, the subject property is also improved with courtyards, asphalt-paved parking areas, associated landscaping, storage sheds, and drainage features.

According to available historical sources, the subject property was formerly undeveloped as early as 1888 and developed with the current structure in 1994. Tenants on the subject property have included Genesis Southern Healthcare (2003-Present). No potential environmental concerns were identified in association with the current or former use of the subject property.

The immediately surrounding properties consist of undeveloped woodlands to the north; SOCH Medical Group (1301 NJ 72) to the south; Stafford Diner (1388 NJ-72), Stafford Medical PA (1364 NJ-72) and The Pavilion Shopping Center (1340 NJ-72) across Route 72 West/Barnegat Road to the east; and undeveloped woodlands to the west.

According to information obtained from the United States Geologic Survey and topographic map interpretation, depth to the high water table is anticipated between 15 and 25 feet below ground surface (bgs) and flow toward the southeast.

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property; due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion.

- It should be noted that the south adjacent property appeared to be an active soil excavation site from 1954-1962. The site did not appear to be used in a mining or solid waste landfill capacity based on size and lack of historical evidence. Additionally, during previous site development activities, near surface soils (where residual chemical concentrations would have most likely been present, if at all) were generally mixed with fill material or disturbed during grading. Also, it is common that engineered fill material is placed over underlying soils as part of the development activities. Furthermore, it is likely that residual chemicals (if any) would have likely degraded since the site was last utilized and excavated. These additional variables serve to further reduce the

potential for exposure to residual chemicals (if any). Based on these reasons, Partner concludes that the possible former use of the southern adjacent property does not represent a recognized environmental condition or a human health risk.

- The subject property, identified as Southern Ocean Center at 1361 Route 72, is listed on the FINDS and NJEMS index related to the New Jersey state guidelines requiring the facility to register emergency generator activity. No further information was provided. Based on the regulatory status, this listing is not expected to represent a significant environmental concern.
- The property, identified as Townsley's Greener Cleaners at 1364 Route 72 W, is located adjacent to the east of the subject property, across Route 72. This site is reported to be an active Drycleaners site and is considered to be a Historic Cleaners since 2010. The owner and responsible party is listed as David Townsley. Based on the distance to the subject property boundary, lack of noted spills, and the regulatory oversight, this listing is not expected to represent a significant environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.
- Partner observed a 200-gallon aboveground storage tank (AST) for the storage of diesel for the emergency generator on the subject property. The generator and AST are located in a landscaped area approximately 10 feet west of the structure. The AST is a belly tank and is not equipped with additional secondary containment. No staining, leaks or spills were noted in the vicinity of the AST, and no releases have been reported to the NJ DEP. Based on Partner's observations, the AST is not considered an environmental concern at this time.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of recognized environmental conditions or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	Purpose.....	1
1.2	Scope of Work.....	1
1.3	Limitations.....	2
1.4	User Reliance.....	2
1.5	Limiting Conditions.....	3
2.0	SITE DESCRIPTION.....	5
2.1	Site Location and Legal Description.....	5
2.2	Current Property Use.....	5
2.3	Current Use of Adjacent Properties.....	5
2.4	Physical Setting Sources.....	6
2.4.1	Topography.....	6
2.4.2	Hydrology.....	6
2.4.3	Geology/Soils.....	6
2.4.4	Flood Zone Information.....	7
3.0	HISTORICAL INFORMATION.....	8
3.1	Aerial Photograph Review.....	8
3.2	Fire Insurance Maps.....	9
3.3	City Directories.....	9
3.4	Historical Topographic Maps.....	10
4.0	REGULATORY RECORDS REVIEW.....	12
4.1	Regulatory Agencies.....	12
4.1.1	State Department.....	12
4.1.2	Health Department.....	12
4.1.3	Fire Department.....	12
4.1.4	Building Department.....	13
4.1.5	Planning Department.....	13
4.1.6	Oil & Gas Exploration.....	13
4.1.7	Assessor's Office.....	13
4.2	Mapped Database Records Search.....	14
4.2.1	Regulatory Database Summary.....	14
4.2.2	Subject Property Listings.....	15
4.2.3	Adjacent Property Listings.....	15
4.2.4	Sites of Concern Listings.....	15
4.2.5	Orphan Listings.....	15
5.0	USER PROVIDED INFORMATION AND INTERVIEWS.....	16
5.1	Interviews.....	17
5.1.1	Interview with Owner.....	17
5.1.2	Interview with Report User.....	17
5.1.3	Interview with Key Site Manager.....	17
5.1.4	Interviews with Past Owners, Operators and Occupants.....	17
5.1.5	Interview with Others.....	17

5.2	User Provided Information	17
5.2.1	Title Records, Environmental Liens, and AULs.....	17
5.2.2	Specialized Knowledge.....	17
5.2.3	Actual Knowledge of the User	18
5.2.4	Valuation Reduction for Environmental Issues	18
5.2.5	Commonly Known or Reasonably Ascertainable Information	18
5.2.6	Previous Reports and Other Provided Documentation	18
6.0	SITE RECONNAISSANCE	19
6.1	General Site Characteristics.....	19
6.2	Potential Environmental Hazards.....	20
6.3	Non-ASTM Services.....	22
6.3.1	Asbestos-Containing Materials (ACMs)	22
6.3.2	Lead-Based Paint (LBP).....	23
6.3.3	Radon	24
6.3.4	Lead in Drinking Water.....	24
6.3.5	Mold.....	25
6.4	Adjacent Property Reconnaissance.....	25
7.0	FINDINGS AND CONCLUSIONS.....	26
8.0	SIGNATURES OF ENVIRONMENTAL PROFESSIONALS	28
9.0	REFERENCES	29

Figures

- Figure 1** Site Location Map
- Figure 2** Site Plan
- Figure 3** Topographic Map

Appendices

- Appendix A** Site Photographs
- Appendix B** Historical/Regulatory Documentation
- Appendix C** Regulatory Database Report
- Appendix D** Qualifications

1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential

exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

KeyBank National Association engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of KeyBank National

Association. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at <http://www.partneresi.com/terms-and-conditions.php>.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past or current owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens and a title search, from the Report User. This information was not provided at the time of the assessment.
- Partner was unable to determine the property use at 5-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews.
- Partner submitted Freedom of Information Act (FOIA) requests to New Jersey Department of Environmental Protection, Ocean County Health Department, Stafford Township Fire Department and Stafford Township Building Department for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property and/or adjacent properties. As of this writing, these agencies have not responded to Partner's request. Based on information obtained from other historical sources, this limitation is not expected to alter the overall findings of this assessment.

- Partner observed approximately 25% of all interior units and all common areas. Based on the size and nature of use of the unobserved units, this limited method of survey is not expected to alter the overall findings of this assessment.

Due to time constraints associated with this report, the Client has requested the report despite the above-listed limitations.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 1361 Route 72 West in Manahawkin, New Jersey is located on the west side of Route 72/Barnegat Road. According to the Ocean County Assessor, the subject property is legally described as *Block 13, Lot 35.03*, and ownership is currently vested in Stafford Association of NJ Healthcare REIT since 1997.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently occupied by Southern Ocean Center for healthcare use. Onsite operations consist of medical and patient care associated with short-stay rehabilitation and long-term respite and hospice stays; associated administrative work; and routine facility maintenance. In addition to the residential rooms, the structure contains dining rooms, a beauty salon, an activity room, a laundry room, a sunroom, and other miscellaneous amenities. In addition to the current structure, the subject property is also improved with courtyards, asphalt-paved parking areas, associated landscaping, storage sheds, and drainage features.

The subject property is designated for Highway Medical Commercial development, HMC, by the Township of Stafford.

The subject property was identified as a Facility Index System (FINDS) and New Jersey Environmental Management System (NJEMS) site in the regulatory database report, as further discussed in Section 4.2.

2.3 Current Use of Adjacent Properties

The subject property is located within a mixed commercial and residential area of Ocean County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties

North: Undeveloped woodlands

South: SOCH Medical Group (1301 NJ 72)

East: Stafford Diner (1388 NJ-72), Stafford Medical PA (1364 NJ-72), and The Pavilion Shopping Center (1340 NJ-72) across Route 72 West/Barnegat Road

West: Undeveloped woodlands

The adjacent property to the east was identified as a Drycleaners and Historic Cleaners site in the regulatory database report of Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *West Creek, New Jersey* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 60 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the southeast. The subject property is depicted on the 2014 map as undeveloped.

A copy of the most recent topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater in the vicinity of the subject property is inferred to flow toward the southeast. The nearest surface water in the vicinity of the subject property is the Mill Creek located approximately 1,625 feet south of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Stafford Township Water & Sewer Utility Department serves the subject property vicinity. According to a representative, shallow groundwater beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Manahawkin is from the Atlantic City "800-foot" Sand Aquifer System, Kirkwood-Cohansey Water-table Aquifer System.

Information specific to the subject property regarding the depth to groundwater and direction of groundwater flow was not available for the subject area. However, according to information obtained from the United States Geologic Survey and topographic map interpretation, depth to the high water table is anticipated between 15 and 25 feet below ground surface (bgs).

2.4.3 Geology/Soils

The subject property is situated within the Coastal Plain physiographic province of the State of New Jersey. The Coastal Plain extends from Sandy Hook to Cape May and inland to the Delaware River. Strata lie on top of Paleozoic crystalline basement rocks. The region is underlain by poorly consolidated sedimentary formations of Cretaceous, Tertiary, and Quaternary age that gently dip seaward.

Based on information obtained from the USDA Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as Downer loamy sand. The Downer series consists of very deep, well drained, moderate or moderately rapid permeable soils that formed in loamy fluviomarine deposits. These soils are on broad Coastal Plains. Slopes range from 0 to 5 percent.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 34029C0485F, dated September 29, 2006, the subject property appears to be located in Unshaded Flood Zone X, defined as "areas determined to be outside the 0.2% annual chance floodplain.

A copy of the reviewed flood map is included in Appendix B of this report.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information		
Period/Date	Source	Description/Use
1888-1993	Aerial Photographs, Interviews, Topographic Maps, City Directories	Undeveloped/Native land
1994-Present	Aerial Photographs, Building Records, City Directories, Interviews, Onsite Observations, Topographic Maps	Skilled nursing facility

Tenants on the subject property include Genesis Southern Healthcare (2003-Present). No potential environmental concerns were identified in association with the current or former use of the subject property.

It should be noted that the south adjacent property appeared to be an active soil excavation site from 1954-1962. The site did not appear to be used in a mining or solid waste landfill capacity based on size and lack of historical evidence. Additionally, during previous site development activities, near surface soils (where residual chemical concentrations would have most likely been present, if at all) were generally mixed with fill material or disturbed during grading. Also, it is common that engineered fill material is placed over underlying soils as part of the development activities. Furthermore, it is likely that residual chemicals (if any) would have likely degraded since the site was last utilized and excavated. These additional variables serve to further reduce the potential for exposure to residual chemicals (if any). Based on these reasons, Partner concludes that the possible former use of the southern adjacent property does not represent a recognized environmental condition or a human health risk.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Data Resources (EDR) on October 28, 2016. The following observations were noted to be visible on the subject property and adjacent properties during the aerial photograph review:

Date:	1931, 1940	Scale:	1"=500'
Subject Property:	Appears to be undeveloped woodlands with an unnamed roadway traversing from east to west on the eastern portion of the parcel		
North:	Appears to be undeveloped woodlands		
South:	Appears to be undeveloped woodlands		
East:	Appears to be undeveloped woodlands across an unpaved highway		
West:	Appears to be undeveloped woodlands		

Date:	1954, 1962	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	No significant changes visible		
South:	Appears to undeveloped woodlands and what appears to be a soil excavation area		
East:	No significant changes visible with exception of the highway improvements		
West:	No significant changes visible		

Date: 1972, 1974, 1983		Scale: 1"=500'
Subject Property:	No significant changes visible	
North:	No significant changes visible	
South:	No significant changes visible with the exception that the soil excavation site appears to be no longer utilized	
East:	No significant changes depicted with the exception of access roadways indicative of residential development being visible	
West:	No significant changes visible	

Date: 1995		Scale: 1"=500'
Subject Property:	Appears to be developed with the current property structure	
North:	No significant changes visible	
South:	Appears to be undeveloped woodlands and a vacant undeveloped lot	
East:	Appears to be undeveloped woodlands and one commercial structure across Route 72	
West:	No significant changes visible	

Date: 2006, 2008, 2010		Scale: 1"=500'
Subject Property:	No significant changes visible with the exception of the parking lot being extended	
North:	No significant changes visible	
South:	Appears to be developed with a commercial building and associated parking lot	
East:	Appears to be developed with commercial structures across Route 72	
West:	No significant changes visible	

Copies of select aerial photographs are included in Appendix B of this report.

3.2 Fire Insurance Maps

Partner reviewed the collection of Sanborn Fire insurance maps from EDR on October 27, 2016. Sanborn map coverage was not available for the subject property.

A copy the reviewed Sanborn Map "No Coverage" certificate is included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from EDR on October 28, 2016 for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table:

City Directory Search for 1361 Route 72 West (Subject Property)	
Year(s)	Occupant Listed
1976 1981, 1986, 1992, 1995	Not listed
1999	Individual tenant listings
2003	Southern Ocean NSG and individual tenant listings
2008, 2013	Genesis Healthcare Southern Ocean

Based on the city directory review, no environmentally sensitive listings were identified for the subject property address.

City Directory Search for Adjacent Properties

Year(s)	Occupant Listed
1976, 1981 1986, 1992 1995, 1999	No listings
2003	East – AD & GA Corp. (1388 Route 72); Joey’s Pizza & Pasta (1340 Route 72)
2008	South – Southern Ocean Family Medicine (1301 Route 72) East – RAM Hotels Inc. (1388 Route 72); Southern Ocean Specialty Physicians, Remax at Barnegat Bay and De Noia Cleaners LLC (1364 Route 72); Bagels & Beyond, Joey’s Pizza & Pasta and Ocean Ice Cream (1340 Route 72)
2013	South – SOCH Medical Group/Medical Association of Ocean County and associated medical practices (1301 Route 72) East – Stafford Diner (1388 Route 72); SOCH Medical Group/ associated medical practices and Townsley’s Greener Cleaner (1364 Route 72); ATM America, Bagels & Beyond, Joey’s Pizza & Pasta and News Plus Lotto (1340 Route 72)

According to the city directory review, the adjacent property to the east, at 1364 Route 72, was developed with a drycleaners since 2008. This drycleaner facility is further discussed in section 4.2.3.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from EDR on October 27, 2016. The following observations were noted to be depicted on the subject property and adjacent properties during the topographic map review:

Date: 1888, 1893

Subject Property:	Appears to be undeveloped land with a roadway traversing from east to west on the eastern portion of the parcel
North:	Appears to be undeveloped land and a roadway
South:	Appears to be undeveloped land and a roadway
East:	Appears to be undeveloped land
West:	Appears to be undeveloped land with a creek beyond

Date: 1942

Subject Property:	No significant changes depicted
North:	Appears to be undeveloped land and woodlands
South:	No significant changes depicted
East:	Appears to be undeveloped woodlands across a roadway
West:	No significant changes depicted

Date: 1951

Subject Property:	Appears to be undeveloped woodlands
North:	Appears to be undeveloped woodlands
South:	Appears to be undeveloped woodlands
East:	No significant changes depicted
West:	Appears to be undeveloped woodlands

Date: 1972

Subject Property: No significant changes depicted
North: No significant changes depicted
South: No significant changes depicted
East: No significant changes depicted with the exception of access roadways indicative of residential development being visible
West: No significant changes depicted

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 State Department

Regulatory Agency Data

Name of Agency:	New Jersey Department of Environmental Protection (NJDEP)
Point of Contact:	NJDEP – Office of Record Access/NJDEP Data Miner Database
Agency Address:	401 East State Street, Trenton, New Jersey
Agency Phone Number:	(609) 341-3121
Date of Contact:	October 12, 2016
Method of Communication:	Online Submission/Online Review
Summary of Communication:	As of the date of this report, Partner has not received a response from the NJDEP for inclusion in this report. The subject property was identified in the NJDEP Data Miner Air Permit database (PI Number 140001) as further discussed in Section 4.2.2

A copy of pertinent documents is included in Appendix B of this report.

4.1.2 Health Department

Regulatory Agency Data

Name of Agency:	Ocean County Health Department (OCHD)
Point of Contact:	Mr. John P. Protonentis
Agency Address:	175 Sunset Avenue – PO Box 2191, Toms River, New Jersey
Agency Phone Number:	(732) 341-9700
Date of Contact:	October 13, 2016
Method of Communication:	Email/ Online
Summary of Communication:	As of the date of this report, Partner has not received a response from the OCHD for inclusion in this report.

4.1.3 Fire Department

Regulatory Agency Data

Name of Agency:	Stafford Township Fire Department
Point of Contact:	Ms. Heidi Michel
Agency Address:	260 E Bay Avenue, Manahawkin, New Jersey
Agency Phone Number:	(609) 597-1000
Date of Contact:	October 12, 2016
Method of Communication:	Email/Faxed Request
Summary of Communication:	As of the date of this report, Partner has not received a response from the Stafford Township Fire Department for inclusion in this report.

4.1.4 Building Department

Regulatory Agency Data

Name of Agency:	Stafford Township Building Department
Point of Contact:	Ms. Bernadette M. Park
Agency Address:	260 E. Bay Avenue, Manahawkin, New Jersey
Agency Phone Number:	(609) 597-1000
Date of Contact:	October 12, 2016
Method of Communication:	Email
Summary of Communication:	As of the date of this report, Partner has not received a response from the Stafford Township Building Department for inclusion in this report.

4.1.5 Planning Department

Regulatory Agency Data

Name of Agency:	Stafford Township Building Department
Point of Contact:	Ms. Bernadette M. Park
Agency Address:	260 E. Bay Avenue, Manahawkin, New Jersey
Agency Phone Number:	(609) 597-1000
Date of Contact:	October 12, 2016
Method of Communication:	Email/ Online
Summary of Communication:	According to records reviewed, the subject property is zoned Highway Medical Commercial, HMC, by Stafford Township.

4.1.6 Oil & Gas Exploration

Regulatory Agency Data

Name of Agency:	U.S. Energy Information Administration (US EIA)
Date of Contact:	October 19, 2016
Method of Communication:	Online
Summary of Communication:	According to US EIA, no oil or gas wells are located on or adjacent to the subject property.

4.1.7 Assessor's Office

Regulatory Agency Data

Name of Agency:	Ocean County Assessor
Date of Contact:	October 19, 2016
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is identified by Block 13/ Lot 35.03 and is currently owned by Stafford Association of New Jersey Healthcare REIT since 1997. The current building was constructed in on a 5.338 acre lot.

A copy of pertinent documents is included in Appendix B of this report.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by Environmental Data Resources, Inc. (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

Radius Report Data				
Database	Search Radius (mile)	Subject Property	Adjacent Properties	Sites of Concern
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSD Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG)	0.25	N	N	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
EDR MGP	Varies	N	N	N
EDR US Hist Auto Station	Varies	N	N	N
EDR US Hist Cleaners	Varies	N	Y	N
New Jersey Environmental Management System (NJEMS)	Varies	Y	Y	N
FINDS	Varies	Y	Y	N

4.2.2 Subject Property Listings

The subject property is identified as an FINDS and NJEMS site in the regulatory database report, as discussed below:

- The subject property, identified as Southern Ocean Center at 1361 Route 72, is listed on the FINDS and NJEMS index related to the New Jersey state guidelines requiring the facility to register emergency generator activity. No further information was provided. Based on the regulatory status, this listing is not expected to represent a significant environmental concern.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.3 Adjacent Property Listings

The adjacent property to the east is identified as a Drycleaners and Historic Cleaners site in the regulatory database report, as discussed below:

- The property, identified as Townsley's Greener Cleaners at 1364 Route 72 W, is located adjacent to the east of the subject property, across Route 72. This site is reported to be an active Drycleaners site and is considered to be a Historic Cleaners since 2010. The owner and responsible party is listed as David Townsley. Based on the distance to the subject property boundary, lack of noted spills, and the regulatory oversight, this listing is not expected to represent a significant environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.4 Sites of Concern Listings

No sites of concern are identified in the regulatory database report.

4.2.5 Orphan Listings

No orphan listings are identified for the subject property or adjacent properties in the regulatory database report.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from KeyBank National Association (User of this report).

User Responsibilities

Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
Environmental Pre-Survey Questionnaire			X	
Title Records, Environmental Liens, and AULs			X	
Specialized Knowledge			X	
Actual Knowledge			X	
Valuation Reduction for Environmental Issues			X	
Identification of Key Site Manager	Section 5.1.3			
Reason for Performing Phase I ESA	Section 1.1			
Prior Environmental Reports		X		
Other		X		

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property since 1997, identified as Stafford Associates of New Jersey Healthcare Reit, was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. Because the Report User (Client) is a lender, it is understood that the Report User would not have knowledge of the property that would significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interview with Key Site Manager

Mr. Larry Sullivan, Executive Director, indicated that he had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

According to Mr. Sullivan, the subject property was developed in 1994 for healthcare use. Prior to that, the subject property was undeveloped. Mr. Sullivan further stated that there is one AST associated with the emergency generator. No leaks or spills are associated with this tank.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

The User did not have specialized knowledge of environmental conditions associated with the subject property at the time of the assessment.

5.2.3 Actual Knowledge of the User

The User was not aware of environmental liens and/or AULs encumbering the subject property or in connection with the subject property at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

The User was not aware of any reductions in property value due to environmental issues.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

No previous reports or other pertinent documentation was provided to Partner for review during the course of this assessment.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was partially cloudy. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data

Site Assessment Performed By: Jonathan Watson
Site Assessment Conducted On: October 19, 2016

The table below provides the subject property personnel interviewed during the field reconnaissance:

Site Visit Personnel for 1361 Route 72 West (Subject Property)

Name	Title/Role	Contact Number	Site Walk* Yes/No
Mr. Larry Sullivan	Executive Director	(609) 978-0600	Yes
Mr. Michael Beatty	Maintenance Supervisor	N/A	Yes

* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property

No potential environmental concerns were identified during the onsite reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in commercial dumpsters and a trash compactor located on the eastern portion of the subject property. An independent solid waste disposal contractor, ADM Environmental, removes solid waste from the subject property. According to property personnel, only commercial related waste is collected in the on-site solid waste dumpsters.

Biohazardous waste and sharps generated from onsite medical operations are removed from the subject property on a regular basis by Stericycle. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

Food-graded, used grease is collected in an above-grade grease interceptor located within the commercial-style kitchen. Used grease is removed from the subject property by a licensed independent contractor. No signs of leaks, stains, or spills were observed within the vicinity of the grease interceptor or drum during Partner's site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The City of Manahawkin services the subject property vicinity. No wastewater treatment facilities or septic systems are observed or reported on the subject property.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by sheet flow action across the paved surfaces towards storm water drains located throughout the subject property. Site storm water from roofs, landscaped areas, and paved areas is directed to on-site concrete swales, which drain to on-site storm water drains. The subject property is connected to a municipal owned and maintained sewer system.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Fish & Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity/natural gas provided by Atlantic City Electric and NJ Natural Gas. Heating and cooling in the common areas are provided by gas-fired pad-mounted packaged units and electric heat pumps. The resident rooms are climate controlled by individual packaged terminal air conditioning (PTAC) units. Hot water is provided by natural gas hot water heaters.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the sanitary sewer system. No industrial process is currently performed at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional general site characteristics were observed during the site reconnaissance.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

No evidence of the use of reportable quantities of hazardous substances was observed on the subject property. Small quantities of general maintenance supplies were found to be properly labeled and stored at the time of the assessment with no signs of leaks, stains, or spills. The storage and use of maintenance supplies does not appear to pose a significant threat to the environmental integrity of the subject property at this time. Additionally, biohazardous waste was observed to be stored in relatively small quantities within the subject property building. Biohazardous wastes are reportedly pickup on a periodic basis for proper off-site disposal by Stericycle.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former UST was observed during the site reconnaissance.

Partner observed a 200-gallon aboveground storage tank (AST) for the storage of diesel for the emergency generator on the subject property. The generator and AST are located in a landscaped area approximately 10 feet west of the structure. The AST is a belly tank and is not equipped with additional secondary containment. No staining, leaks or spills were noted in the vicinity of the AST, and no releases have been reported to the NJ DEP. Based on Partner's observations, the AST is not considered an environmental concern at this time.

6.2.3 Evidence of Releases

No spills, stains or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – "Non-PCB;" 2) 50 ppm-500 ppm – "PCB-Contaminated;" and, 3) Greater than 500 ppm – "PCB-Containing." The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Pad-mounted transformers were observed on the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. Partner contacted a customer service representative of Atlantic City Electric, who confirmed that Atlantic City Electric maintains ownership and operational responsibility for the transformers and that the units do not contain PCBs. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

Additionally, the subject property building is equipped with two (2) passenger elevator. Based on the year of installation of the elevators, it is unlikely that the hydraulic fluid within the elevators equipment contain PCBs. The elevator equipment room was inspected by Partner, and the equipment appeared to be in good condition during the site reconnaissance. Based on the good condition of the elevator equipment and the regularly scheduled maintenance of the elevators, the elevators are not expected to represent a significant environmental concern.

As previously mentioned, in section 6.1.1 the subject property utilizes a trash compactor. No spills, stains or leaks were identified in regards to the hydraulic equipment associated with the compactor and it is not expected to represent a significant concern.

No other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, balers, etc.) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

Partner observed the following drains, sumps, and/or clarifiers located on the subject property:

Drains, Sumps, and Clarifiers Observed Onsite			
	Floor Drain(s)	Sump(s)	Clarifier(s)
Number Observed:	Several	N/A	None
Location:	Bathrooms/Kitchen Area	N/A	N/A
Point of Discharge:	Municipal sewer system	N/A	N/A
Sealed/Bermed:	N/A	N/A	N/A

Sanitary discharges on the subject property are directed to the municipal sanitary sewer system.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property. The subject property is equipped with a storm water management egress system however no additional settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The subject property building was constructed circa 1994. As such, an asbestos evaluation was not required by the scope of services; however, please refer to the table below for observed materials that would be considered suspect ACMs in the event of a thorough survey:

Suspect ACMs			
Suspect ACM	Location	Friable Yes/No	Physical Condition
Drywall Systems	Throughout Building Interior	No	Good
Floor Tiles	Throughout Building Interior	No	Good
Floor Tile Mastic	Throughout Building Interior	No	Good
Ceiling tile	Throughout Building Interior	Yes	Good
Cove base and mastic	Throughout Building Interior	No	Good
Roofing Materials	Roof	No	Good

The limited visual survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site reconnaissance) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the site; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give the User an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the subject property. Additional sampling, assessment, and evaluation will be warranted for any other use.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

According to the US EPA, ACM and PACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition. Prior to any disturbance of the construction materials within this facility, a comprehensive ACM survey is recommended.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm² (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

It is unlikely that LBP is present in buildings constructed after 1977. Therefore, due to the age of the subject property building, it is unlikely that LBP is present. Additionally, the subject property is utilized as a healthcare facility. As such, in accordance with Title X, since the subject property is not a child-occupied

facility, lead-based paint testing is not required as part of this assessment. The Title X Regulations defines "target housing" as any housing constructed prior to 1978, except housing for the elderly or persons with disabilities (unless a child of less than 6 years of age resides or is expected to reside in such housing for the elderly or persons with disabilities), any zero- bedroom dwelling (such as an efficiency apartment, studio apartment, dormitory housing) and rental housing certified as "lead-free" by a certified inspector. In the case of jurisdictions which banned the sale or use of lead-based paint prior to 1978, HUD may designate an earlier date."

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	Average Predicted Radon Levels	Potential
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 3. Based upon the radon zone classification, radon is not considered to be a significant environmental concern. It should be noted that, while not warranted at this time, actual radon sampling would need to be conducted in order to evaluate the presence and/or absence of radon at the subject property.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Stafford Township Water & Sewer Utility Department serves the subject property vicinity. According to a representative, shallow groundwater beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Manahawkin is from the Atlantic City "800-foot" Sand Aquifer System, Kirkwood-Cohansey Water-table Aquifer System. According to the City of Manahawkin and the 2016 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g. in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property building for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this ESA should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises.

6.4.1 PCBs

Pole-mounted transformers were observed on the adjacent properties. No staining or leakage was observed in the vicinity of the transformers. Based on these observations, the presence of adjacent transformers is not expected to represent a significant environmental concern.

7.0 FINDINGS AND CONCLUSIONS

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion.

- It should be noted that the south adjacent property appeared to be an active soil excavation site from 1954-1962. The site did not appear to be used in a mining or solid waste landfill capacity based on size and lack of historical evidence. Additionally, during previous site development activities, near surface soils (where residual chemical concentrations would have most likely been present, if at all) were generally mixed with fill material or disturbed during grading. Also, it is common that engineered fill material is placed over underlying soils as part of the development activities. Furthermore, it is likely that residual chemicals (if any) would have likely degraded since the site was last utilized and excavated. These additional variables serve to further reduce the potential for exposure to residual chemicals (if any). Based on these reasons, Partner concludes that the possible former use of the southern adjacent property does not represent a recognized environmental condition or a human health risk.
- The subject property, identified as Southern Ocean Center at 1361 Route 72, is listed on the FINDS and NJEMS index related to the New Jersey state guidelines requiring the facility to register

emergency generator activity. No further information was provided. Based on the regulatory status, this listing is not expected to represent a significant environmental concern.

- The property, identified as Townsley's Greener Cleaners at 1364 Route 72 W, is located adjacent to the east of the subject property, across Route 72. This site is reported to be an active Drycleaners site and is considered to be a Historic Cleaners since 2010. The owner and responsible party is listed as David Townsley. Based on the distance to the subject property boundary, lack of noted spills, and the regulatory oversight, this listing is not expected to represent a significant environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.
- Partner observed a 200-gallon aboveground storage tank (AST) for the storage of diesel for the emergency generator on the subject property. The generator and AST are located in a landscaped area approximately 10 feet west of the structure. The AST is a belly tank and is not equipped with additional secondary containment. No staining, leaks or spills were noted in the vicinity of the AST, and no releases have been reported to the NJ DEP. Based on Partner's observations, the AST is not considered an environmental concern at this time.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of recognized environmental conditions or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 1361 Route 72 West in the City of Manahawkin, Ocean County, New Jersey in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



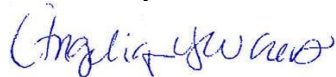
Jonathan Watson
Environmental Professional

Reviewed By:



Myca Bruno
Environmental Professional

Reviewed By:



Angelique Crews
Senior Project Manager

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources (EDR), Radius Report, October 2016

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, October 2016

United States Department of Agriculture, Natural Resources Conservation Service, accessed via internet, October 2016

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, October 2016

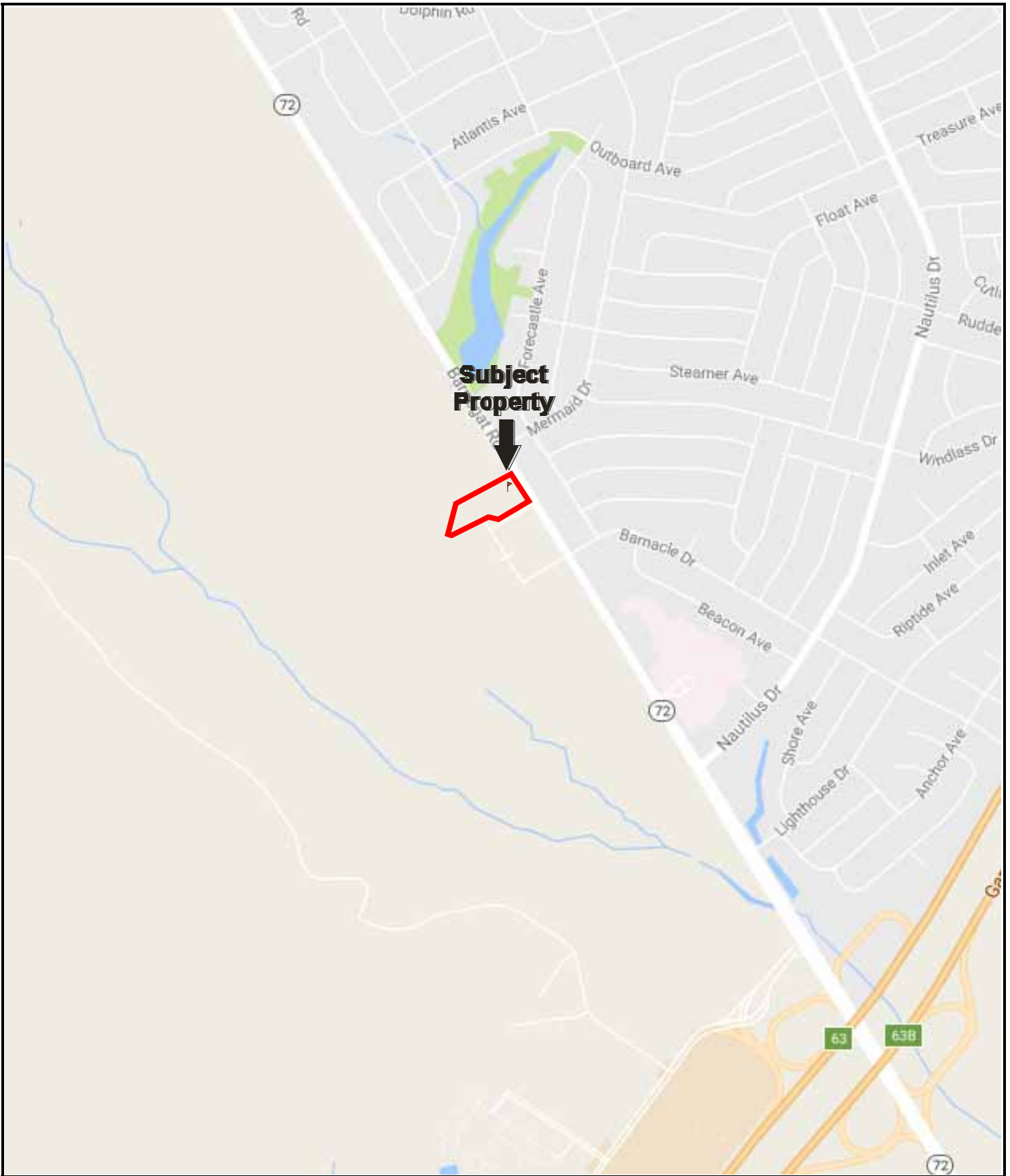
United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, October 2016

United States Geological Survey, accessed via the Internet, October 2016

United States Geological Survey Topographic Map 2014, 7.5 minute series, accessed via internet, October 2016

FIGURES

- 1 SITE LOCATION MAP**
- 2 SITE PLAN**
- 3 TOPOGRAPHIC MAP**



Drawing Not To Scale

KEY:
Subject Property 

FIGURE 1: SITE LOCATION MAP
Project No. 16-171933.16





Stafford Diner
1388 NJ-72

Undeveloped woodlands

Stafford Medical PA
1364 NJ-72

The Pavilion
Shopping Center
1340 NJ-72

Undeveloped
woodlands

SOCH Medical Group
1301 NJ-72

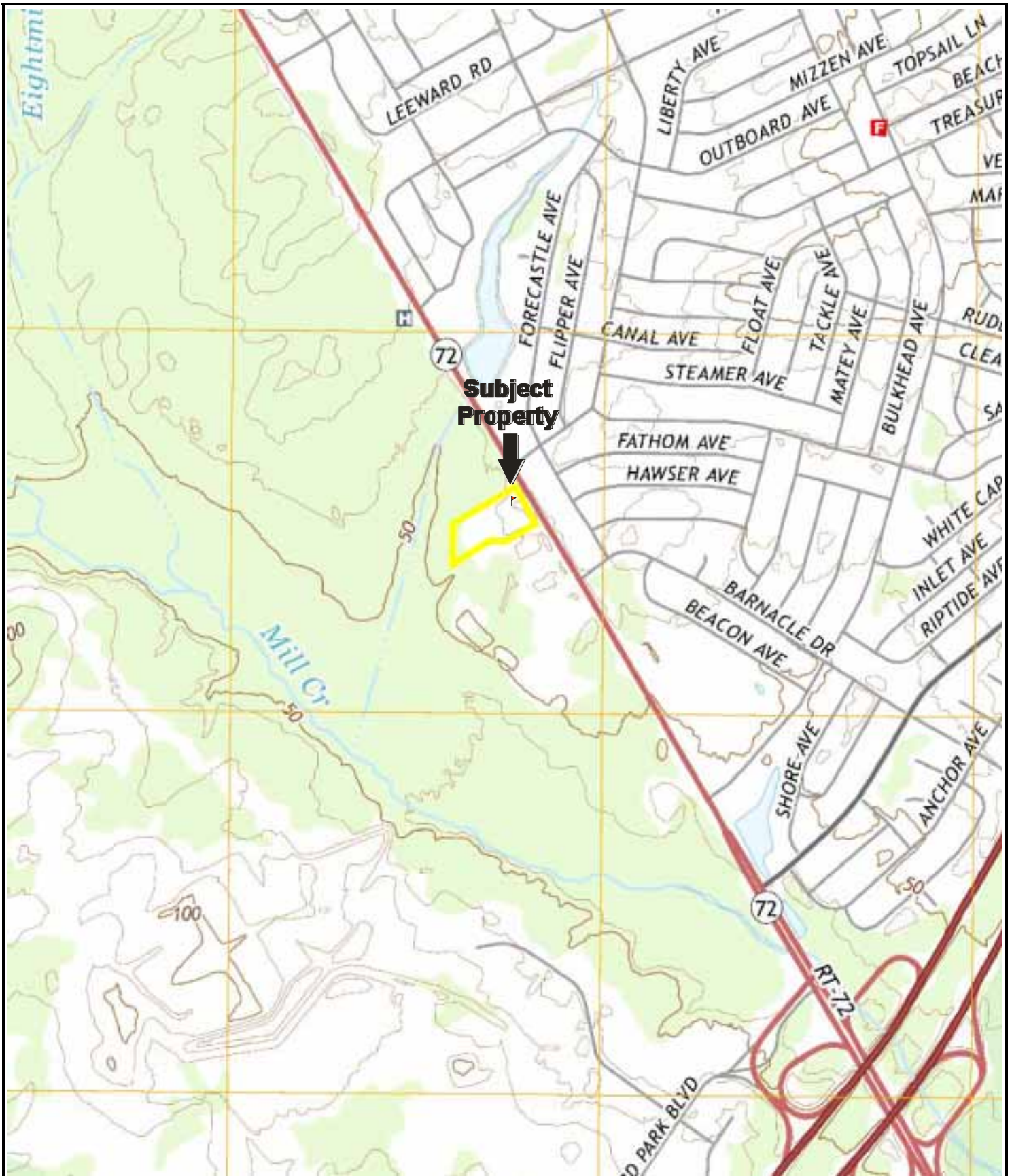
Route 72 West / Barnegat Road



GROUNDWATER
FLOW
→

KEY:
Subject Property 

FIGURE 2: SITE PLAN
Project No. 16-171933.16



USGS 7.5 Minute *West Creek, New Jersey* Quadrangle
 Created: 1951/Revised: 2014

KEY:
 Subject Property 

FIGURE 3: TOPOGRAPHIC MAP
 Project No. 16-171933.16



APPENDIX A: SITE PHOTOGRAPHS



1. View of property signage



2. View of Front Elevation



3. View of Side Elevation



4. View of Rear Elevation



5. View of Lobby



6. View of typical Resident Bedroom



7. View of Typical Resident Bathroom



8. View of PTAC Unit



9. View Heat Pump Unit



10. View of Gas Water Heaters



11. View Laundry Room



12. View of Laundry Detergents



13. View of grease trap



14. View of hazmat (Sharps) container



15. View of Maintenance Office



16. View of Elevators



17. View of Elevator Equipment



18. View of Trash Compactor and Container Storage



19. View of Emergency Generator



20. View of Pad-mounted Transformer



21. View of North adjacent woodlands



22. View of East adjacent commercial

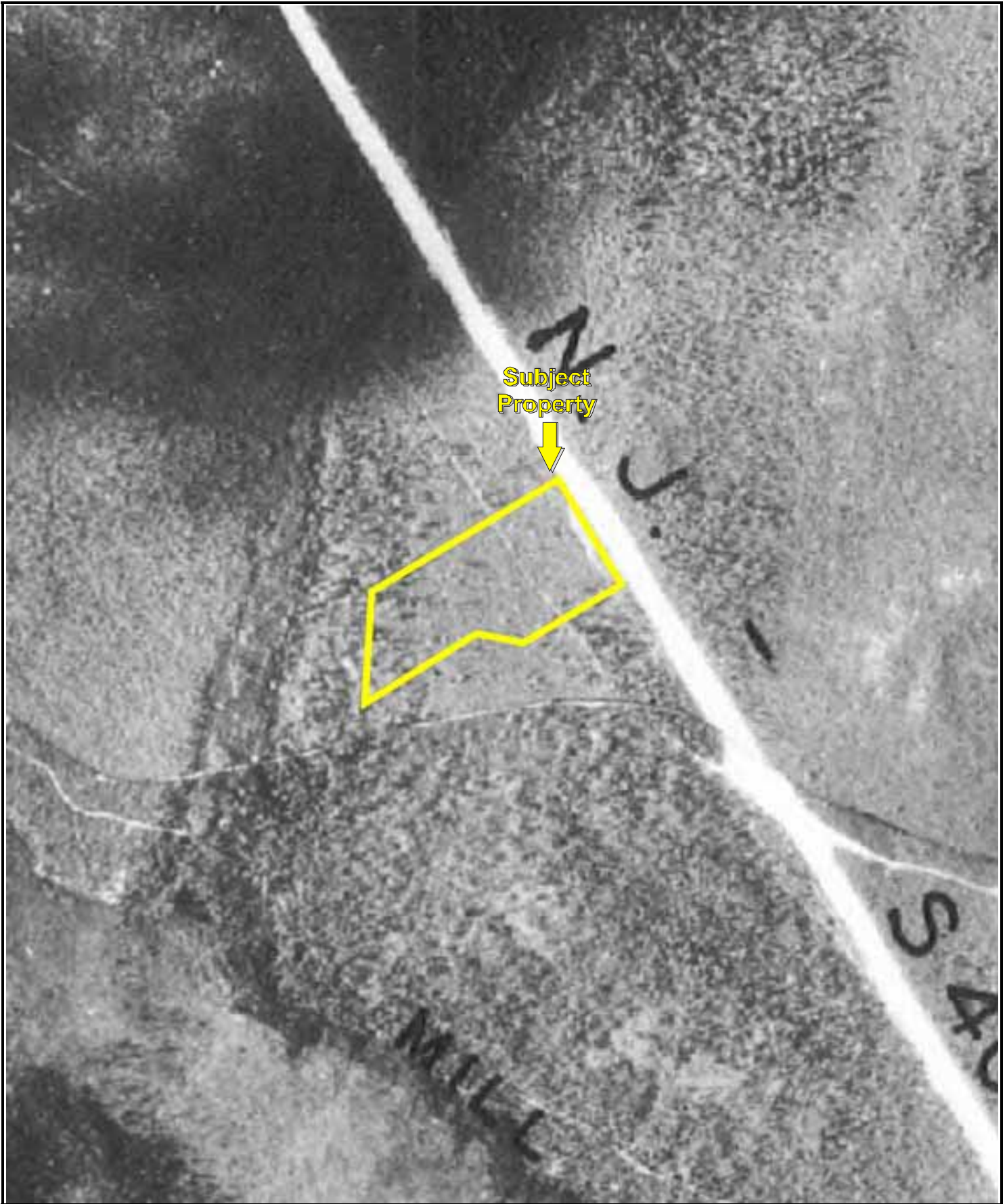


23. View of South adjacent commercial



24. View of West adjacent woodlands

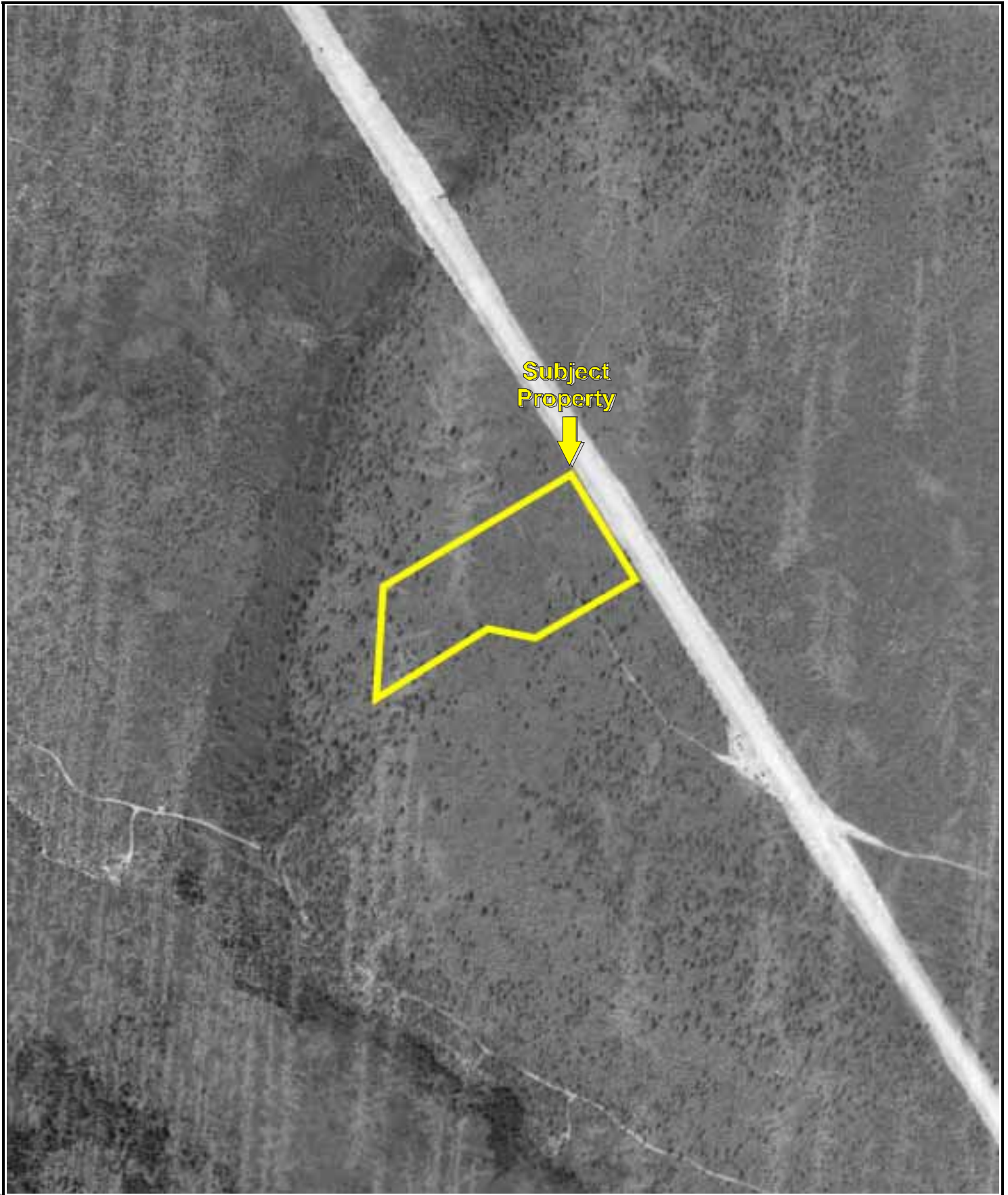
APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION



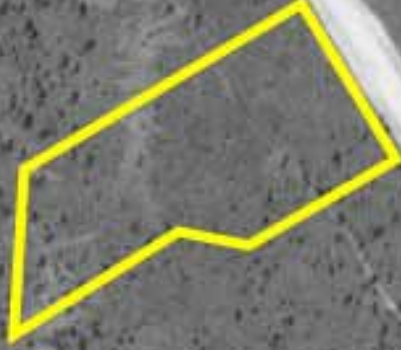
Date of Photograph: 1931

KEY:
Subject Property 



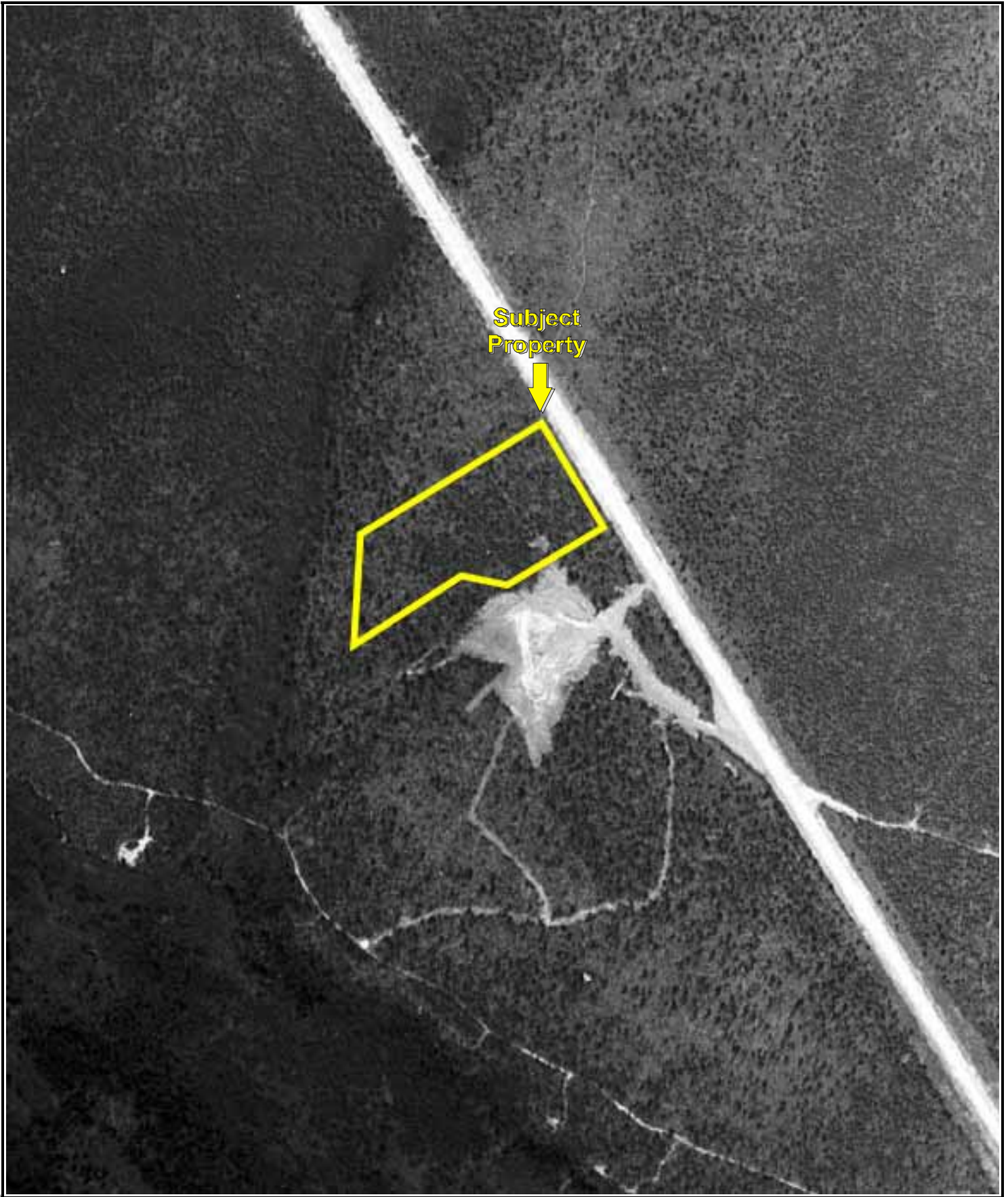


Subject
Property

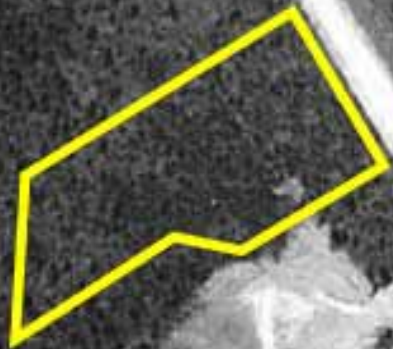


Date of Photograph: 1940

KEY:
Subject Property 



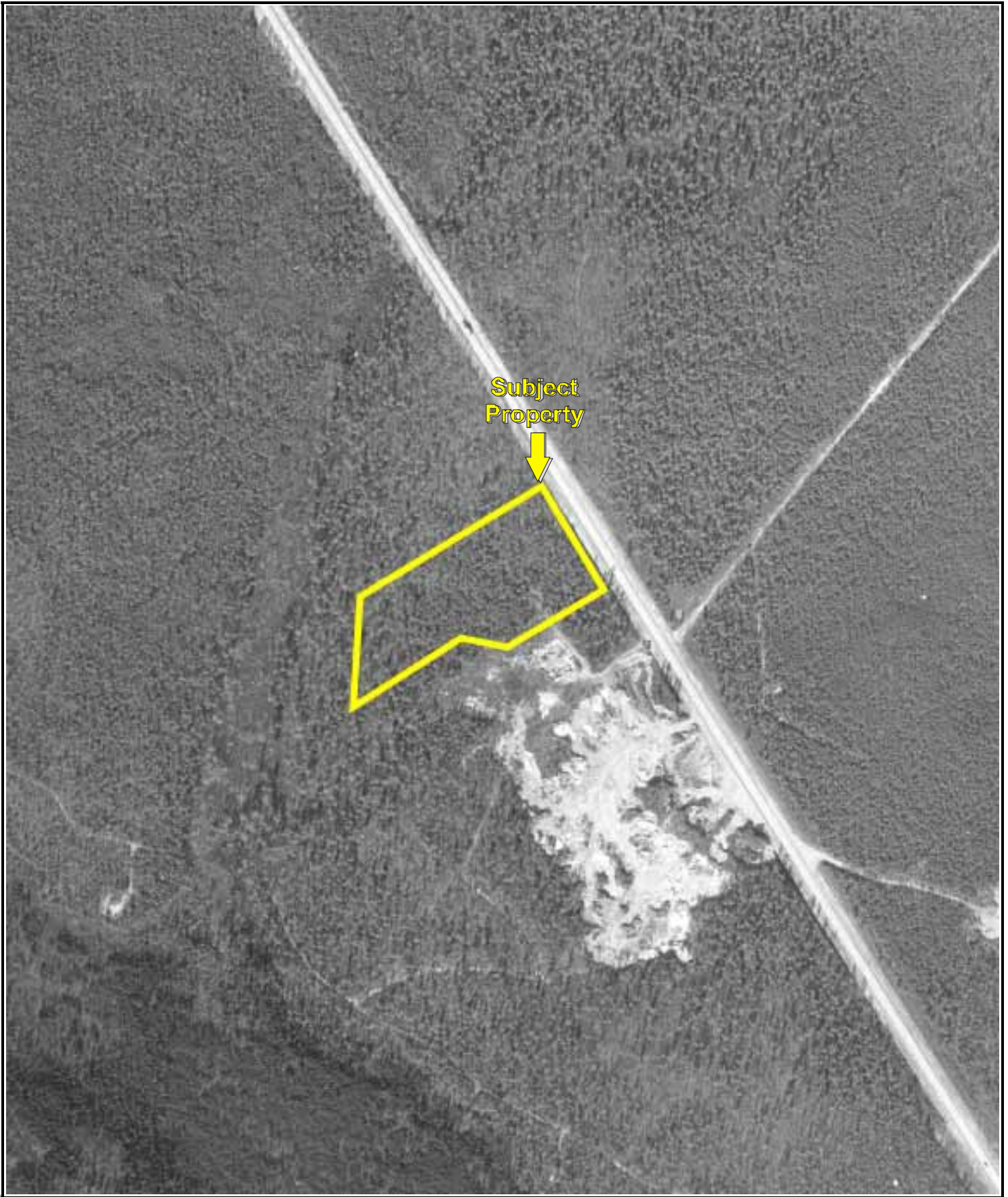
Subject
Property



Date of Photograph: 1954

KEY:
Subject Property 





Date of Photograph: 1962

KEY:
Subject Property 





Date of Photograph: 1972

KEY:
Subject Property 





Subject
Property



Date of Photograph: 1974

KEY:
Subject Property 



Date of Photograph: 1983

KEY:
Subject Property 



Subject
Property



Date of Photograph: 1995

KEY:
Subject Property 



Subject
Property



Date of Photograph: 2006

KEY:
Subject Property 



Date of Photograph: 2008

KEY:
Subject Property 





Date of Photograph: 2010

KEY:
Subject Property 



Southern Ocean Center

1361 Route 72 West

Manahawkin, NJ 08050

Inquiry Number: 4765764.3

October 27, 2016

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/27/16

Site Name:

Southern Ocean Center
1361 Route 72 West
Manahawkin, NJ 08050
EDR Inquiry # 4765764.3

Client Name:

Partner Engineering and Science, Inc.
2154 Torrance Blvd, Suite 200
Torrance, CA 90501-0000
Contact: Stephanie Ferguson



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

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

Certified Sanborn Results:

Certification # D75C-4E55-A7D2
PO # Southern Ocean Center
Project 16-171933.16

UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: D75C-4E55-A7D2

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

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Partner Engineering and Science, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

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.

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Southern Ocean Center

1361 Route 72 West
Manahawkin, NJ 08050

Inquiry Number: 4765764.6
October 28, 2016

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

Disclaimer - Copyright and Trademark Notice

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 OR 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.

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1986	<input checked="" type="checkbox"/>	<input type="checkbox"/>	City's City Directory
1981	<input checked="" type="checkbox"/>	<input type="checkbox"/>	City's City Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	City's City Directory
1971	<input type="checkbox"/>	<input type="checkbox"/>	City's City Directory

RECORD SOURCES

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

FINDINGS

TARGET PROPERTY STREET

1361 Route 72 West
Manahawkin, NJ 08050

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

ROUTE 72 W

2013	pg A2	Cole Information Services
2008	pg A7	Cole Information Services
2003	pg A11	Cole Information Services
1995	pg A14	Cole Information Services

RT 72 W

1992	pg A15	Cole Information Services
1986	pg A16	City's City Directory
1981	pg A17	City's City Directory
1981	pg A18	City's City Directory
1976	pg A19	City's City Directory
1971	-	City's City Directory

Target and Adjoining not listed in Source

STATE HWY NO 72

1999	pg A13	Cole Information Services
------	--------	---------------------------

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

ROUTE 72 W 2013

151	HOLIDAY INN MANAHAWKIN RESERVATION THE GUYS FROM AMBLER INC
205	APPLEBEES NEIGHBORHOOD GRILL & BAR BED BATH & BEYOND EMERGENCY LOCKSMITH 124 HR
220	ADDIEGO ORTHODONTICS
244	SUNOCO
297	AUTO IMAGE BRANT HAUGLAND CHARLES MEYER DOLLAR EXPRESS FASHION BUG GEORGE BENEDICT GNC IHOP LOWES HOME IMPROVEMENT MAKOTO JAPANESE STEAK HOUSE MANHATTAN BAGEL MARYS HALLMARK MEDICAL INSURANCE SPECIALISTS MELANIE PIOMPINO NANCY ENGLER PARTY FAIR RICARDO VALDES SHARON SERVISS SLEEPYS STAFFORD DRY CLEANERS STAFFORD NAILS TANS GARDEN CHINA RESTAURANT THE UPS STORE TMOBILE WELLS FARGO
324	FULTON BANK OF NEW JERSEY
356	WENDYS
375	CAUSEWAY FORDLINCOLNMERCURYJEEP
382	KFC
434	ROTHMAN INSTITUTE SALARTASH SURGICAL ASSOICATES TIPS TO TOES SALON & SPA
435	CHEVROLET GARDNER
457	CAUSEWAY COLLISION CENTER CAUSEWAY HONDA SERVICE & PARTS
500	MANAHAWKIN CHRYSLER DODGE JEEP MANAHAWKIN CHRYSLER PLYMOUTH DODGE I SERVICE
524	CUMBERLAND FARMS
525	1 HOUR PHOTO WALMART
547	PIZZA HUT
609	QUALITY TIRE & AUTO CARE

ROUTE 72 W 2013 (Cont'd)

655	ATLANTIC WIRELESS MANAHAWKIN BODMAN DALE R VMD EL TENAMPA MEXICAN RESTAURANT GREAT WAVE NAILS GROSS HOWARD J MD PA HORIZON OPTICAL MANAHAWKIN VETERINARY HOSPITAL MAZUR ANDREA J OD MR MATTRESS NUNN ROBERT F MD RYAN DIANN M OD SPIELBERG JOEL A MD VETERINARY ASSOCIATES WALKER RICHARD L OD
689	MIDAS
715	MIRACLEEAR REGAL MANAHAWKIN 10
733	CARVEL ICE CREAM EFT EYESFIRST VISION CENTER ISLAND SUN TANNING MANDEE RADIOSHACK SEARS AUTO CENTER SELECT JEWELERS SHISSIAS D OD TOP NAILS
1100	A A ALWAYS AVAILABLE LOCKSMITH BLEIMAN MICHAEL MD FAAP DWYER PATRICK J MD GAGLIARDI MORRIS S MD HAGER JEFFERY DR LIU TODD Y MD MEREDITH AMY NPC N J PAIN INSTITUTE PAVILION WOMENS HEALTH ASSOCIATES P PORSCH KATHY CNM SOUTHERN OCEAN COUNTY RADIATION ONCO SOUTHERN OCEAN MEDICAL CENTER SOUTHERN OCEAN PEDIATRIC ASSOCIATES STONEHAM JOHN L III MD FACS SUNKAVALLI PAUL MD SURGICAL SPECIALISTS OF NEW JERSEY TOMMASINA RUGINO
1140	ARUP ATLANTIC CITY ELECTRIC BEZPALKO LYNN BEZPALKO OREST DO SOCH CONNECT PHYSICIAN REFERRAL SERV SOCH HOME CARE & SUPPORT SERVICES

ROUTE 72 W 2013 (Cont'd)

1140	SOCH IMAGING SERVICES SOCHCONNECT SOUTHERN OCEAN COUNTY HOSPITAL SPEEC SOUTHERN OCEAN COUNTY RADIATION ONCO SOUTHERN OCEAN MEDICAL CENTER TORCON INC
1155	OCEAN TAX CONSULTANTS INC SHORE KIDZ CHILD CARE CENTER INC
1200	NAUGHTON EDW J ATTORNEY SOUTHERN SHORES TITLE
1206	DREIZEN NEIL G MD ERICKSON ALAN R MD ERICKSON DREIZEN & LEE EYE CENTER PA ERICKSON DREIZEN LEE DRUDY OPTICAL S LEE ROBERT E III MD NUTAITIS JOHN T OD
1211	MANAHAWKIN NURSING & REHABILITATION VICK JAXIE
1275	AMY AGRESTA ANNING DAUNIS CLAIRE BOTTONE ELEANOR HAWKE ELLEN EMERITUS ERNEST GNEHM FREDERICK PROCOPIO GRACE CASH JOSEPH GUERINO JOSEPHINE GULIS MAGDALENE VOLZ MARIE CLARE MICHAEL HRENKO RITA MCCARRICK ROSE BREWER RUTH BOHLIN SUMMERSVILLE AT STAFFORD
1301	ASANZA STEVEN ORTHODONTIST BATLAS THEODORE J FEDERICI DENTAL FEDERICI JOSEPH R DMD GORDON JAY B HAND SURGERY & REHABILITATION CENTER HEALTH VILLAGE IMAGING LLC LEMBO JR THOMAS DPM MEDICAL ASSOC OF OCEAN COUNTY NEURO PSYCHOLOGY & COUNSELING ASSO NEUROPSYCHOLOGY & COUNSELING ASSOCIA RAGUSOFAILLA MICHAEL MD RIPLE HANSALIA SOCH MEDICAL GROUP PC SOUTHERN OCEAN FOOT

ROUTE 72 W 2013 (Cont'd)

1322	ANTEBI MORRIS E MD CHALNICK DAVID L MD COHN ALAN DMD DENTAL STAFFORD FORE CASTLE PROPERTIES LLC FUTURE PHYSICAL THER FUTURE PHYSICAL THERAPY PC GLASTEIN CARY D MD GROSSMAN ROBERT B MD HENRY GUY MANAHAWKIN OPEN MRI MARKBREITER LANCE A MD PAZMOWITZ MICHAEL PORT IRA S DMD QUEST DIAGNOSTICS RATHI SANDEEP MD RIZZO CHARLES C MD SHORE ORTHOPEDIC GROUP STAFFORD DENTAL P A WOSKA SCOTT MD
1334	EDWARD J GESSER ALLSTATE AGENT OCCUPANT UNKNOWN
1340	ATM AMERICA BAGELS & BEYOND JOEYS PIZZA & PASTA NEWS PLUS LOTTO
1361	GENESIS HEALTHCARE SOUTHERN OCEAN CE
1364	ADVANCED CARDIAC DIAGNOSTIC SENTER AZELIS ARUNAS E MD GARDEN STATE PAIN & RADIOLOGY CENT LIPPER JEFFREY MD SOCH MEDICAL GROUP PC STAFFORD MEDICAL STAFFORD MEDICAL PA TOWNSLEYS GREENER CLEANER YU BYUNG H MD
1388	STAFFORD DINER
1412	GREENTREE GARDEN CENTER & LANDSCAPIN
1492	OCEAN COMMUNITY CHURCH
1546	HERITAGE MONUMENT CO
1600	THE LEARNING EXPERIENCE
1604	OCCUPANT UNKNOWN
1608	OCCUPANT UNKNOWN
1612	OCCUPANT UNKNOWN
1616	CDL PATH GOLUB MICHAEL MD MANAHAWKIN FAMILY DENTAL SOUTH JERSEY DERMATOLOGY CENTER
1636	OCCUPANT UNKNOWN
1640	OCCUPANT UNKNOWN

Target Street

Cross Street

Source

✓

-

Cole Information Services

ROUTE 72 W

2013

(Cont'd)

2326	FRANK SUSCO GRASSHOPPERS
2347	OCCUPANT UNKNOWN
2359	OCCUPANT UNKNOWN
2365	MILDRED SCHREIBER

ROUTE 72 W 2008

197	THE HOME DEPOT
205	APPLEBEES OCEANFIRST BANK S APPLEBEE
220	ADDIEGO ORTHODONTICS JEFFREY GODEL JEFFREY H GODEL DDS
297	CAROL LAIRD CHUN KWOK DOC HERBAL INC DOLLAR TREE STORES INC EASTERN DESIGN CO INC FASHION BUG FRANCESCA BISTRO FUTURE COMMUNICATIONS GENERAL NUTRITION INC GNC GOLDEN JADE IHOP INTERNATIONAL HOUSE OF PANCAKES JERSEY BEANS LLC JIM KELLEY KGM GTE KOBE STEAK HOUSE & SUSHI INC LOWES MANAHAWKIN MUSIC MEDICAL INSURANCE SPECIALISTS MICHAEL MALLIE MK COMPUTER ASSOCIATES MLL WHOLESALERS CORP MMP ENTERPRISES LLC NAMS INC NANCY ENGLER PARTY FAIR PATRICIA OHARA PAYLESS SHOESOURCE PETER MICHALOWSKI SALLY BEAUTY CO INC SHOPRITE STAFFORD DRY CLEANERS THE SPORTS SECTION OF OCEAN COUNTY TRINACRIA ENTERPRISES INC
324	COLDWELL BANKER RIVIERA REALTY INC
356	WENDYS
375	CAUSEWAY FAMILY OF DEALERSHIP
434	BANK OF AMERICA NA CAFARELLI GEORGE ESQ JAMES MCDERMOTT DO OCEANS WOMENS HEALTH CARE GROUP
435	GARDNER CHEVROLET CADILLAC INC

ROUTE 72 W 2008 (Cont'd)

457	CAUSEWAY HONDA
495	BLOCKBUSTER INC SEABAY SPIRITS UNLIMITED
507	DOVER POOLS
517	PATHMARK STORES INC
524	CUMBERLAND FARMS
525	PATHMARK PHARMACY WAL MART WAL MART PHARMACY 1921 WAL MART STORES INC
591	COMMERCE BANK
609	ENTERPRISE RENT A CAR QUALITY TIRE & MUFFLER
635	BACCA BROTHERS INC L A S
655	CARIBBEAN TANNING SALON INC GREAT WAVE NAILS GROSS DR HOWARD J PA HORIZON EYE CARE INTERNATIONAL BEDDING CORP MORRIS E ANTEBI MD MR MATTRESS NEER TAMRA CPA VETERINARY & ASSOCIATES
689	RACKS MUFFLER INC
733	BIG KMART D SHISSIAS DOLLAR TREE STORES INC EYES FIRST GABRIELLAS HUYNH FON K MART PHARMACY 3641 LA BELL VITA PIZZERIA & RISTORANTE MANDEE ROCKAWAY BEDDING TOP NAILS
757	MCDONALDS
1006	ZACHARIAE REALTY INC
1100	ALLCOLOREDGEMS COM LLC ANTHONY NAV COASTAL FOOT & ANKLE LLC GASHTI SEYED HEALTHSOUTH SOUTHERN OCEAN CENTER INSTITUTION FOR FACIAL REJUVENATION OCEAN INFECTIOUS DISEASE PATRICK J DWYER MD PAVILION WOMENS HEALTH SHORE HEART GROUP SOUTHERN OCEAN COUNTY DIALYSIS LLC

ROUTE 72 W 2008 (Cont'd)

1100	SOUTHERN OCEAN COUNTY HOSPITAL SOUTHERN OCEAN ORAL SURGERY & IMPLAN THOMAS LEMBO
1140	COMPASS HEALTHCARE INTERFAITH HEALTH & SUPPORT SERVICES NOVACARE REHABILITATION SOUTHERN OCEAN COUNTY HOSPITAL PHARM SOUTHERN OCEAN HOME HEALTH WOUND CARE CONCEPTS
1200	EDWARD J NAUGHTON LLC MARTIN LYNCH
1206	ERICKSON DREIZEN & LEE OPTICAL SHOP ERICKSON DREIZEN LEE EYE CENTER
1210	MANAHAWKIN CHRYSLER PLYMOUTH DODGE I
1211	MANAHAWKIN MANAGING MEMBER CORP YIHOSHUA INC
1225	STAFFORD ELECTROLOGIST INC
1275	ALBERT HEARD ANNING DAUNIS BERNICE BELL CLARA ZOCKI DORIS CRAM FLORENCE WIMMER FREDERICK BRAND GUY BURNETT JENNIE MONTALDO MARJORIE RICCI MARTHA WEISER SUMMERVILLE SENIOR LIVING THOMAS DEBENEDICTIS VICTORIA ORR
1300	AXA EQUITABLE LIFE INSURANCE CO
1301	FAMILY MEDICINE CENTER KENNY JOHN J DO SOUTHERN OCEAN FAMILY MEDICINE CENTE TRACY TOBY
1322	ACCREDITED DERMATOLOGY AXA EQUITABLE CHALNICK DAVID L MD FUTURE PHYSICAL THERAPY PC Geffner R E MD HENRY GUY DDS MANAHAWKIN OPEN MRI MARKBREITER LANCE A MD MORRIS ANTEBI QUEST DIAGNOSTICS RIZZO CHARLES C MD SHORE ORTHOPAEDICS GROUP STAFFORD DENTAL WOSKA SCOTT MD

ROUTE 72 W 2008 (Cont'd)

1334	ANDREW DAVLOUROS
1340	BAGELS & BEYOND
	JOEYS PIZZA & PASTA
	OCEAN ICE CREAM
1361	GENESIS ELDERCARE SOUTHERN OCEAN CE
1364	DE NOIA CLEANERS LLC
	REMAX AT BARNEGAT BAY
	SOUTHERN OCEANS SPECIALTY PHYSICIANS
	STAFFORD MEDICAL PA
1388	RAM HOTELS INC
1400	WAWA INC
1412	RUTA MODESTINO
1492	OCEAN COMMUNITY CHURCH
1504	CUMBERLAND FARMS
1522	GEORVIN RIVERA
1546	HERITAGE MONUMENT CO
1616	PEDIATRICS AFFILIATES PA
	SHANIK ROBERT A MD FAAP
1660	SHAWN DALY
2326	STEVE SUSCO
2347	EDWARD ELLEY
2353	EARLENE HEISELMOYER
2359	L ALPRIN
2365	BRUNO SCHREIBER



-

ROUTE 72 W 2003

158	PENNINGTON SEED INC
205	APPLEBEES
270	PINE BELT NIS
295	WESTERN AUTO APPLIANCE
297	CHUN KWOK
	DOROTHY MALLIE
	GEORGE LUDAS
	IHOP CORP
	KGM GTE
	LORIE HERGERT
	MEDICAL INSURANCE SPECIALISTS
	REHEARSAL HALL INC
	ROBERT WILLIAMS
	TRINACRIA ENTERPRISES INC
434	FABFIN L L C
	OCEAN WOMENS HEALTH CARE
512	FLEET BANK
524	CUMBERLAND FARMS INC
525	SANDY CHAPMAN INC
591	COMMERCE BANK
635	FABIAN INC
655	MR MATTRESS
	OCEAN COUNTY WIRELESS
689	MIDAS AUTO SERVICE EXPERTS
733	K MART
	PLAY IT AGAIN SPORTS
	TRUPIAS PIZZERIA & RESTARNT
1000	HEALTHSOUTH STHRN OCEAN SRGRY
1100	HEALTH SOUTHER OCEAN SRGRY CTR
	SMALL CORP
	SOUTHERN OCEAN PEDIATRICS
	STHRN OCEAN & MXLFCL SRGRY
1140	ASK A NURSE
	NOVACARE REHABILITATION
	SOUTHERN OCEAN COUNTY HOSPITAL
1200	BIDDLE JACKELINE RN ESQ
	CAFARELLI & NORTON
	DANA PROPERTIES L L C
	DEN UYL JAMES
	EDWARD NAUGHTON LAW OFFICE
	MARTIN LYNCH
1206	DAMON OPTICAL
1210	MANAHAWKIN CONVALESCENT
1211	BEVERLY MCDONALD
	BRUNO KOZLOWSKI
	GEORGE BAIN
	HERMAN CRAPARO
	JANET MAIR
	M LUCIANO
	RUTH LIPPINCOTT

ROUTE 72 W 2003 (Cont'd)

1211	SMILJKA HAUG
1275	ALBERT AIELLO
	ALWIN AMOS
	CHARLES MCGINLEY
	CLARA ZOCKI
	DORIS CRAM
	DOTTIE MERBLER
	ELIZABETH COWARD
	GEORGE KANUCK
	JEAN BERRY
	JOHN DAUNIS
	MARY IULA
	MINERVA KEREKES
	NANCY ALLEN
	STANLEY FORTUNA
	SUMMERVILLE AT STAFFORD
	VICTORIA ORR
1322	AXA ADVISORS LLC
	GLASTEIN CARY MD
	GROSSMAN ROBERT MD
	MARKBRIETER LANCE A MD
	RIZZO CHARLES C MD
	SHORE ORTHOPAEDIC GROUP
1334	MICAH DIENER
1340	JOEYS PIZZA & PASTA INC
1361	CLIFFORD CRAGO
	D MURPHY
	JAMES HENSHAW
	MARY ZARYCKI
	ROSALINE KELSALL
	SOUTHERN OCEAN NSG
1388	AD & GA CORP
1430	A DECROCE
1522	GEORVIN RIVERA
1660	SHAWN DALY
2323	FRANK SUSCO
2326	GRASSHOPPERS LANDSCAPING SF
	STEVE SUSCO
2347	EDWARD ELLEY
2353	L HEISELMOYER
2359	L ALPRIN
2365	BRUNO SCHREIBER

STATE HWY NO 72 1999

0	WESLEY BELL
158	TIM IRVIN
220	JOHN TREVASKISS
297	CHUN KWOK
	JADE GOLDEN
551	CRAIG BREARLEY
1211	E DESBIENS
	LOUIS SERPINETO
	M LUCIANO
	N FIORE
	N MARINACCIO
	R BIERNACKI
	S KARABAN
	WILLIAM MAKAR
	WILLIE ERVIN
1361	A CANGER
	A ROMP
	E BREWSTER
	EMMA MUELLER
	J BERNATH
	M FEGAN
	M JENNINGS
1400	J STENHOUSE
1430	A DECROCE
	K SCHMIDT
1638	DOUGLAS RAYLMAN
1756	HARRY PALMAROZZA
1881	L REIFORD
2347	ANTHONY SINOPOLI
2359	L ALPRIN
2365	BRUNO SCHREIBER

ROUTE 72 W 1995

158	APPALACHIAN LOG HOMES INC
	OCEAN INVESTORS REALTY
	TLG MODULARS INC
265	FRANCESCOS PIZZERIA
291	WEST COAST VIDEO
295	20/20 OPTICAL INC
	CALDOR INC
	ENCORE BOOKS
	HIS & HERS SALON
	HIT OR MISS
	R F STUMPF ASSOC
	TLC MEDICAL REGISTRY
525	WAL MART
585	SPRING FINANCIAL SVC
655	MANAHAWKIN VETERINARY HOSPITAL
	NUVISION
700	MANAHAWKIN SHELL
	STOHRER BROTHERS INC
1140	SOUTHERN OCEAN COUNTY HOSPITAL
1202	RONALD ROSEN DDS
1206	NEIL G DREIZEN MD
1211	MANAHAWKIN CONVALESCENT CTR
1430	LINGERIE DRAWER
1492	OCEAN REFORMED CHURCH

Target Street

Cross Street

Source

✓

-

Cole Information Services

RT 72 W

1992

72	A-Z VIDEO
	SHOP-RITE OF MANAHAWKIN
	SHOP-RITE PHARMACY OF
1211	MANAHAWKIN CONVALESCENT CNTR

RT 72 W 1986

--	#Western Union Agt Camille's Floral Designs	+ 597-1670 86
--	#Westinghouse Authorized Factory Sales & Service	597-6051 00
120	#Beach Haven Moose 1575	597-9867 00
120	#Loyal Order of Moose	597-3809 00
156	#Lucille's Own- Made Candy Shop	597-7300 00
220	#Aurora Tile & Crpt	597-8423 00
220	Sprague S L	□597-5651 86
265	#Francesco's Pizzeria	+ 597-0040 86
295	#A 20-20 Optical Corporation	+ 597-0200 86
295	#Anderson G Agency rl est & ins	597-8507 00
295	#Ewer Enterprises	□597-0072 86
295	#Hit Or Miss	+ 597-0428 86
295	#Hot Lines Surf & Sport	+ 597-0072 86
295	#Prospect Manor	+ 597-0011 86
295	#Stumpf R F Assocs	597-1177 77
295	#TLC Medical Registry	□597-6471 86
297	#Jonathan's	+ 597-1313 86
300	#Asbury Park Press Manahawkin Ofc	597-7000 80
300	Santanello Jos DDS	597-3025 00
325	#Manahawkin Chrysl Plymouth Inc Sls	597-1045 80
340	#McDonald's Restrnt	597-4841 78
377	#Mascolo J rl est	597-5222 80
377	Maxwell Robt W	□597-6976 86
445	#Asplundh Buick GMC Trucks	597-4700 85
500	#Manahawkin C-P Dodge Inc Svc	□597-1097 86
585	#Castle Rlty Assocs	597-5200 81
587	Soper Douglas	597-4132 82
601	#Cumberland Farms	+ 597-9717 86
601	#Eyes First Vision Center	+ 597-0250 86
601	#Van Dyk Group	+ 597-1988 86
609	#Bob's Quality Tire & Muffler	597-2888 83
655	#Cup & Saucer	+ 597-0349 86
655	#Oceanside Bedding	+ 597-8522 86
655	#Veterinary Assocs Of Lacey Manahawkin Ofc	+ 597-0080 86
674	#Roy Rogers Restrnt	+ 597-9734 86
1200	Giardina A I DO	597-1623 82
1200	#Naughton Edw J attorney	597-5252 80
1202	#Rosen Ronald DDS	597-1233 79
1206	#Erickson Alan R MD	597-8087 83
1206	Occupant	NA 85
1206	#Pone A J Optician	597-9494 80
1211	Barton James	□597-6947 86
1211	Flanagan G	+ 597-5435 86
1211	Fluehr T	□597-0421 86
1211	Hughes E	597-1968 85
1211	#Manahawkin Convalescent Cntr	597-8500 84
1211	Mittelholzer Sylvia	597-4575 85
1211	O'Connor Thos Jr	+ 597-1909 86
1211	Polle M	+ 597-0272 86
1211	Rouch A B	□597-8530 86
1211	Vaneck L	+ 597-3710 86
1492	#Ocean Reformed Ch	□597-5151 86
2359	Signorelli V	□698-2865 86
2365	Schreiber Mildred	698-4431 83
2633	Occupant	NA 79
	116-BUS 25-RES 34-NEW	
	STATE HWY 72 (Warren Grove)	

RT 72 W 1981

80	--	Sargent Erwin	597-6672	76
	--	#Sleight Eddie automobiles	597-8083	79
80	--	Smith George F	597-2328	76
	--	#Stafford Twp Civil Defense & Disaster Control	597-7253	76
80	--	#Stafford Twp Gar	597-7350	76
80	--	#Surf City Pets	597-2020	80
80	--	Warnett F Sr	NA	78
81	--	#Water Treatment Plant Fawn Lakes	698-4334	80
79	--	#Wawa Food Mkts Store # 744	597-9826	80
80	--	#Wes Outdoor Adv Co ...	597-3222	76
80	--	#Westinghouse Authorized Factory Sales & Service	597-6051	76
	--	Wills T C Sr	597-3545	76
120	#	Beach Haven Moose 1575	597-8967	76
79	120	#Loyal Order of Moose	597-3809	76
76	156	#Lucille's Own- Made Candy Shop	597-7300	76
76	220	#Aurora Tile & Crpt	597-8423	76
	220	Wambold D	597-8423	76
77	295	#Anderson G Agency rl est & ins	597-8507	76
81	295	Noonan Earle J	597-1177	77
79	295	#Omni Wtrprfg Prodt	+597-3992	81
76	295	Parker McCay	597-4239	79
	295	#Stumpf R F Assocs	597-1177	77
81	300	#Asbury Park Press Manahawkin Ofc	597-7000	80
76	300	Santanello Jos DDS	597-3025	76
	325	#Manahawkin Chrysl Plymouth Inc Sls	597-1045	80
80	325	#Manahawkin Chrysl Plymouth Inc Svc	597-1047	80
80	340	#Mcdonald's Restrnt	597-4841	78
	377	#Mascolo J rl est	597-5222	80
	555	#Seventy-Two Family Diner	597-9848	80
80	585	#Castle Rlty Assocs	+597-5200	81
80	609	#Manahawkin Cycle & Sports Center	597-4201	77
81	655	#Century 21 Rod Sterling	597-4004	80
76	655	#Rod Sterling Rlty	597-4004	80

RT 72 W 1981

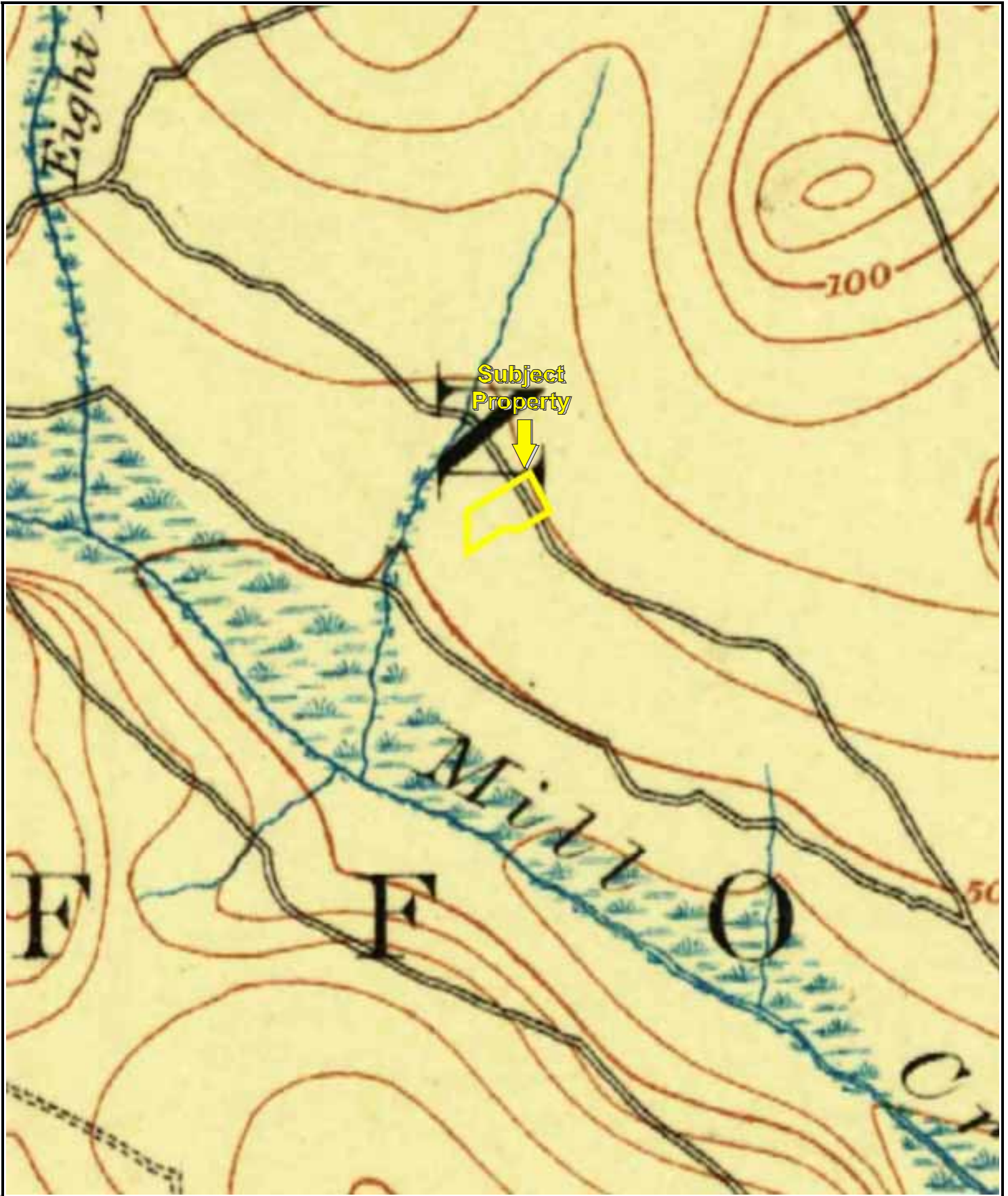
AN COUNTY - OCTOBER		
STATE HWY 72 Contd		S
MANAHAWKIN		B
81	1200 #Cafarelli Geo M attorney +597-1111	81
	1200 #McCarter Alloys +597-6100	81
80	1200 #Naughton E J atty 597-1111	78
78	1200 #Naughton Edw J attorney 597-5252	80
76	1202 #Rosen Ronald DDS 597-1233	79
76	1206 Abrams Henry MD 597-8087	79
80	1206 #Pone A J Optician 597-9494	80
	1334 Kenny J 597-4478	80
79	1430 #Allen Lois dance & music instructn +597-8035	81
76	1430 Eayre Kenneth 597-2599	81
80	2347 Bangert Bert 698-4998	80
	2359 Ravitz Joseph +698-1371	81
76	2633 Ketchum V E Jr NA	79
79	83-BUS 25-RES 13-NEW	
81	STATE HWY 72 (Warren Grove)	
77	See State Hwy 72 (Barnegat)	
76	STATE HWY 72	

RT 72 W 1976

STATE HWY 72 Contd

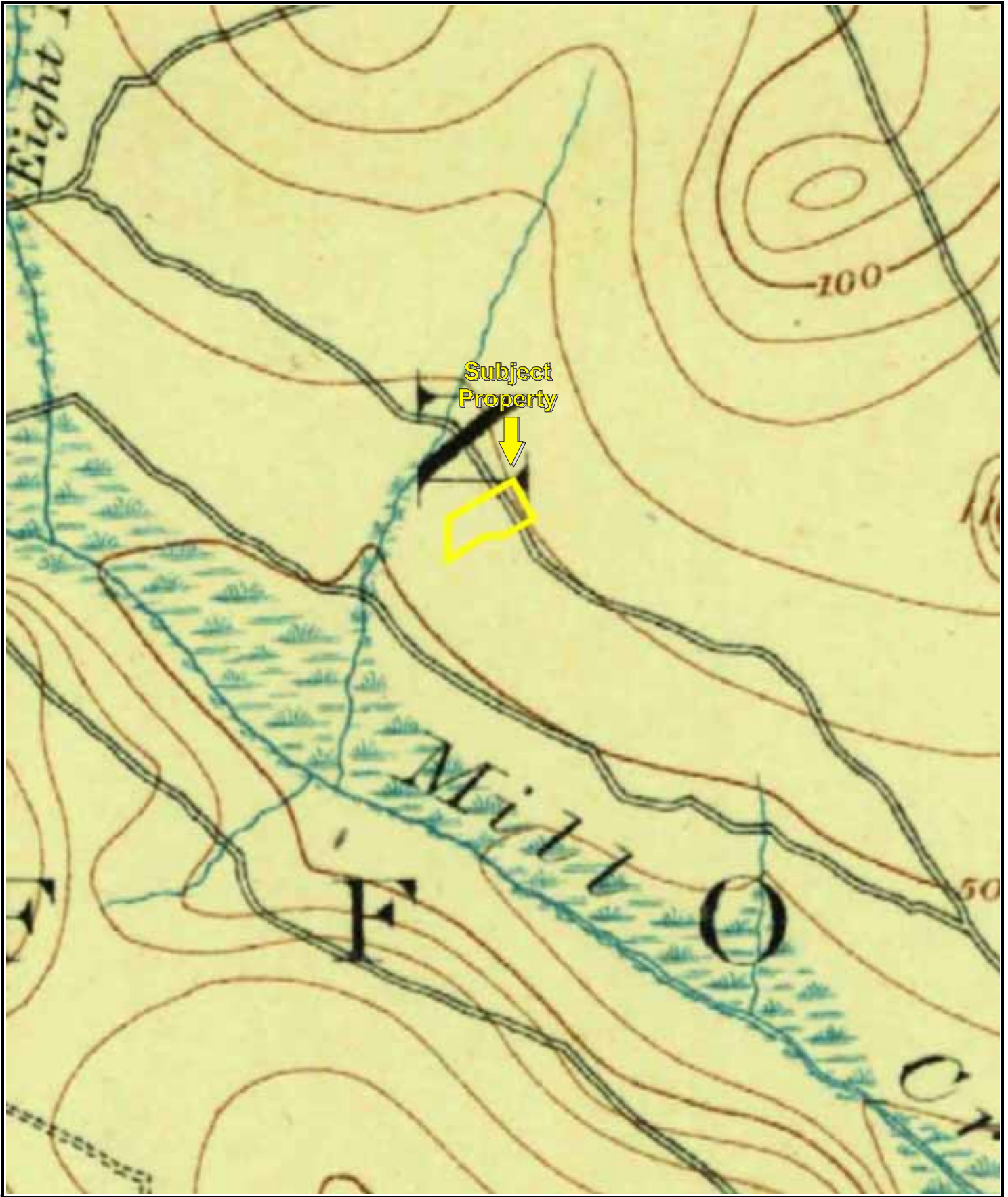
--	* Oldsmobile- Cadillac Sls & Service	+597-1161
--	Packwood J	+597-1161
--	Pepper I	597-2127
--	*Perk's Electrl Svc	494-8082
--	*Perk's Electrical Supplies	597-6004
--	*Perks Lighting Ctr	597-6004
--	*Regal Muffler Ctr	597-8026
--	*Rosen S J Assoc Incorporated	597-3001
--	Sargent Erwin	597-6670
--	Schmidt B	597-2524
--	*Shorlane Hms Corp	597-2326
--	Smith George F	597-4328
--	Sorensen Thomas C	597-6641
--	*Southern Ocean County Hospital	597-6011
--	*Stafford Twp Civil Defense & Disaster Control	597-7253
--	*Stafford Twp Gar	597-7350
--	*Stewart's Root Beer Drive In	597-2747
--	*Sunset Harbor Realty	597-3072
--	*Thing-U-Like	597-8188
--	*Tuckrtn Ins Agcy	+597-1010
--	*Urology Assocs of Ocean County P A Office	+597-1623
--	Vadas James	597-7503
--	Wassmann Ethel M	597-3308
--	*Wes Outdoor Adv Ctr	597-3222
--	*Westinghouse Authorized Factory Sales & Service	597-6051
--	Wills T C Sr	597-3545
120	*Beach Haven Moose 1575	597-8967
120	*Loyal Order of Moose	597-3809
156	*Lucille's Own- Made Candy Shop	597-7300
220	*Aurora Tile & Crpt	+597-8423
220	Wambold D	+597-1562
220	Wambold D	+597-8423
295	*Anderson G Agency Rl est & ins	597-8507
295	*Sclarow R J DDS Manahawkin Office	597-3500
300	Santanello Jos DDS	597-3025
555	*Vic's Diner	+597-6881
587	Soper Douglas M	597-7920
655	*Ocean Acres Information Cntr	+597-1811
655	Somers Bernard R	+597-3879
1200	*Gasser Robt A atty	597-1111
1430	*Lakeside Realty	597-1031
1430	*Manahawkin Homes	597-2777

STATE HWY 72 (Warren Grove)



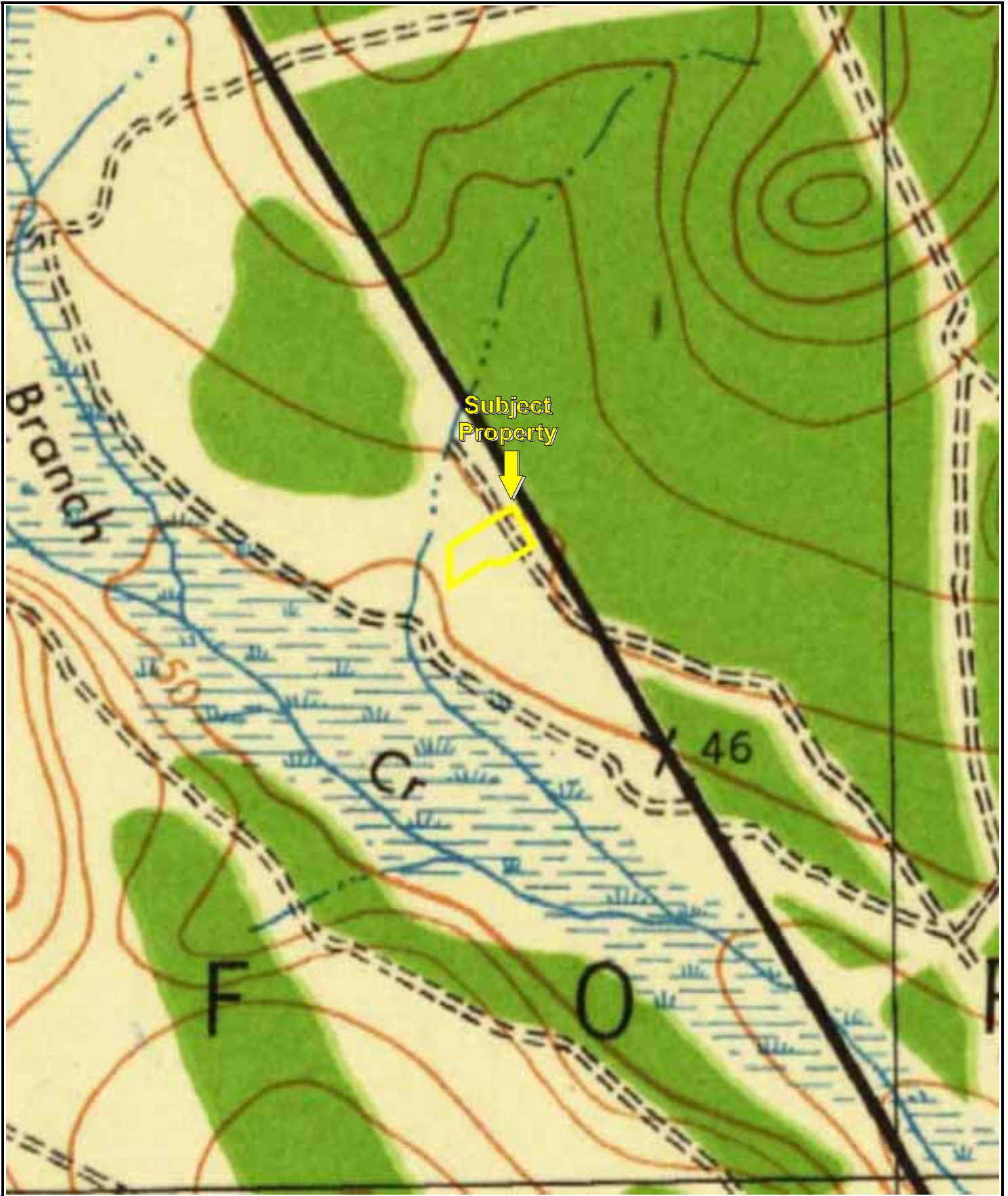
USGS 7.5 Minute *Little Egg Harbor, New Jersey* Quadrangle
Created: 1888

KEY:
Subject Property 



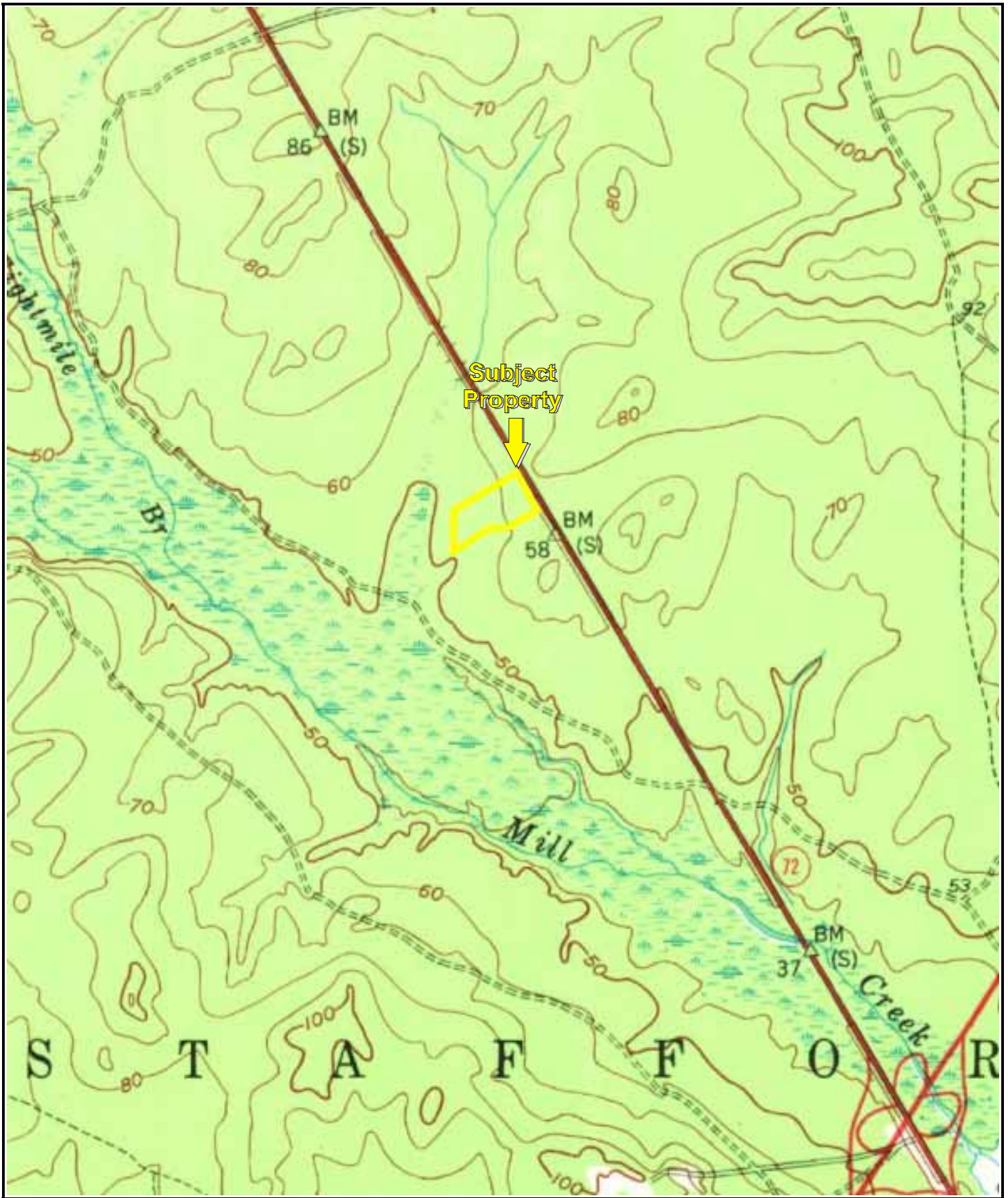
USGS 7.5 Minute *Little Egg Harbor, New Jersey* Quadrangle
Revised: 1893

KEY:
Subject Property 



USGS 7.5 Minute *Tuckerton, New Jersey* Quadrangle
Created: 1942

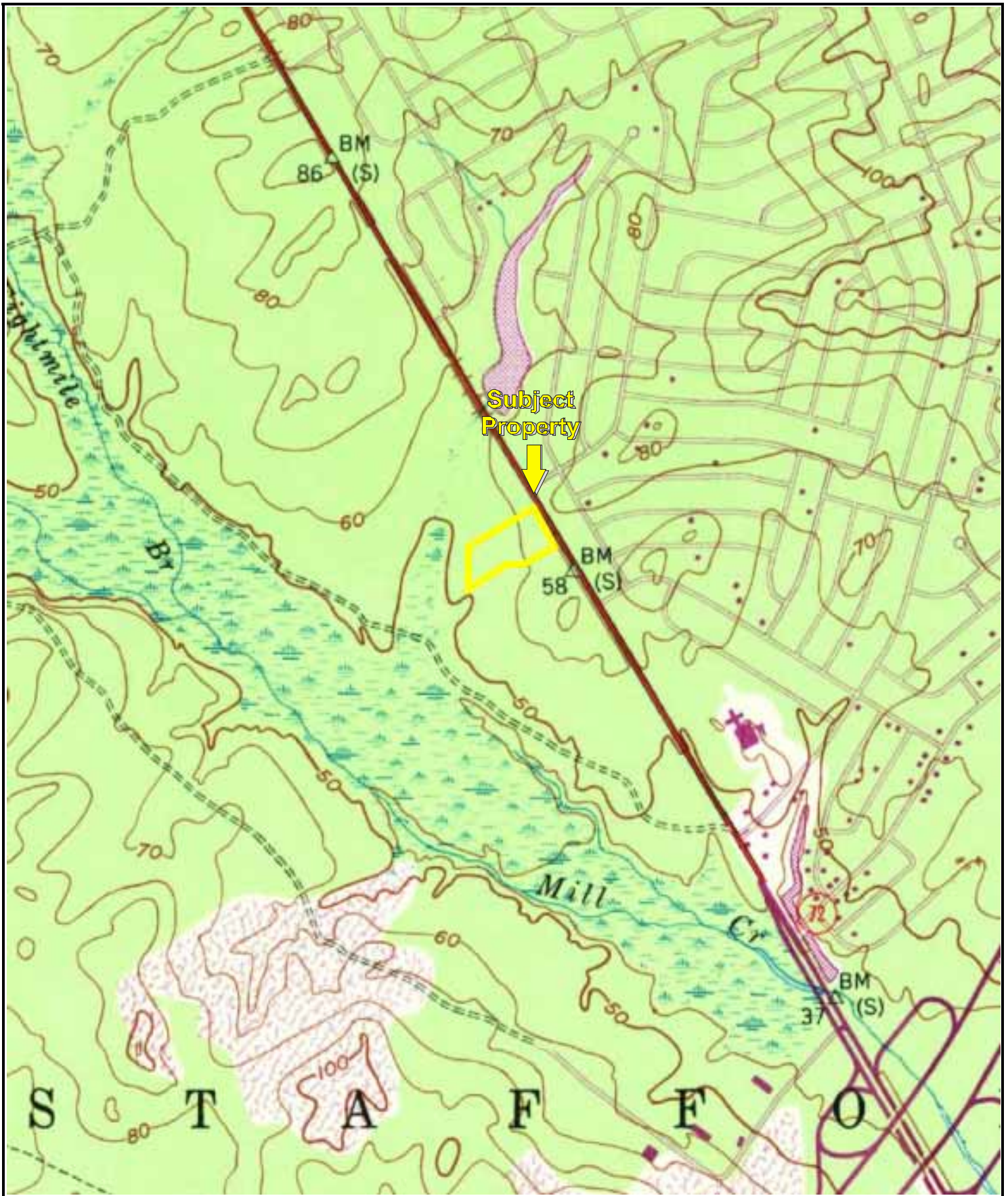
KEY:
Subject Property 



USGS 7.5 Minute West Creek, New Jersey Quadrangle
Created: 1951

KEY:
Subject Property 





USGS 7.5 Minute West Creek, New Jersey Quadrangle
Revised: 1972

KEY:
Subject Property 

Map Legends

Points of Interest

- Property

General Features

Places

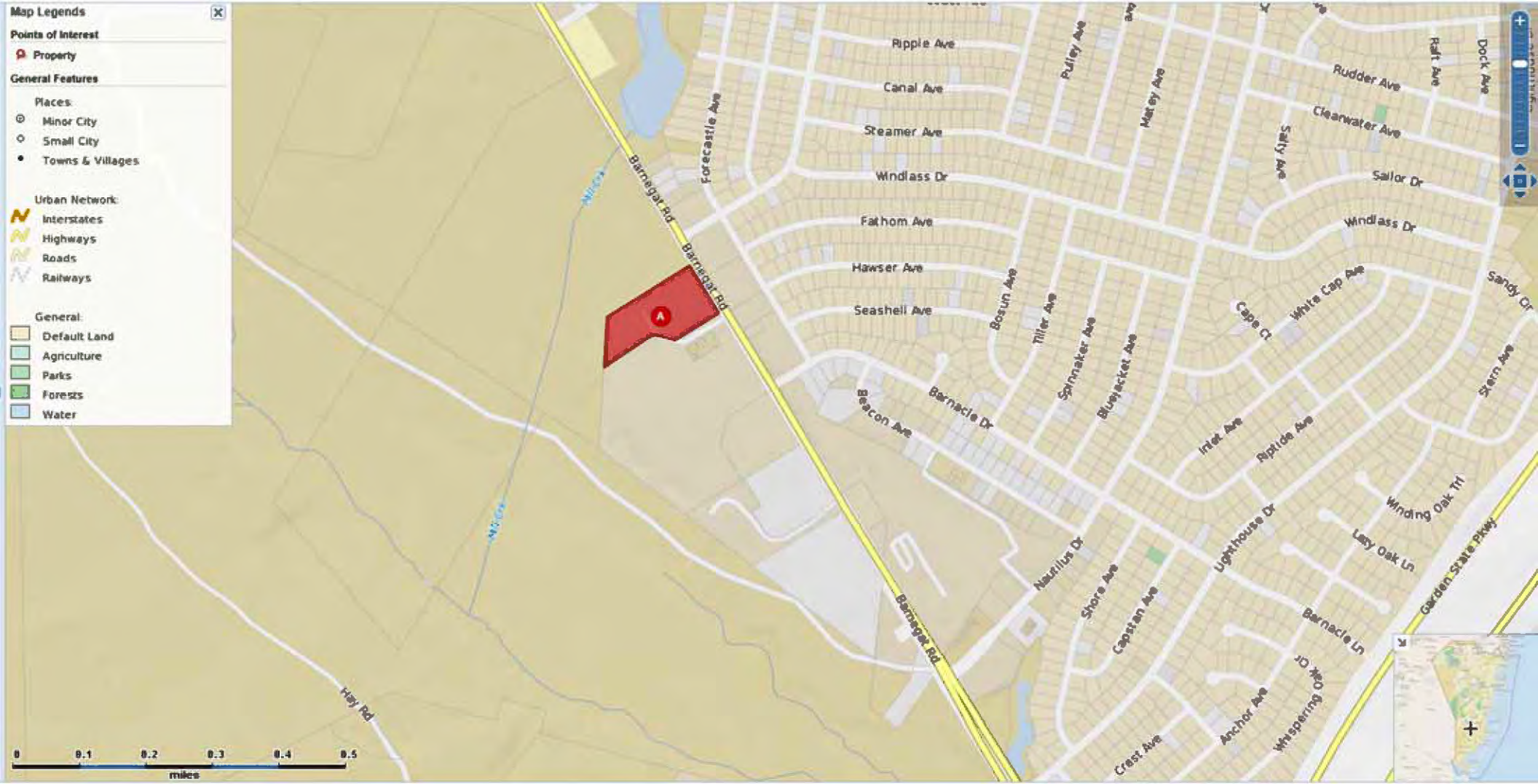
- Minor City
- Small City
- Towns & Villages

Urban Network

- Interstates
- Highways
- Roads
- Railways

General

- Default Land
- Agriculture
- Parks
- Forests
- Water





Welcome to
Ocean County, New Jersey
 Government Online *The Shore and More...*

Home Press Releases History Bid Portal Tourism Departments Municipalities Contact Numbers Directions Complex map

Tax Board Home
Board of Taxation
Searches
Tax Rates
Property Tax Relief Programs
Statistical Reports
Tax Appeals
Revaluations
Ocean County Tax Assessors
Ocean County Tax Collectors
Links
Glossary
Foreclosures
Contact Us
Tax Board History

Tax List Details - Current Year

Municipality:	Stfrd	Deed date:	11/3/1997
Owner:	STAFFORD ASSC OF NJ,%HLTH CARE REIT	Block:	13
Mailing address:	4500 DORR STREET	Lot:	35.03
City/State:	TOLEDO OH 43615	Qual:	
Location:	1361 ROUTE 72 WEST		
Prop class:	4A	Land val:	1,468,500
Bldg desc:	2SCB 12066	Improvement val:	6,281,000
Land desc:	5.34 AC	Exemption 1:	
Addtl lots:		Exemption 2:	
Zone:	HMC	Exemption 3:	
Map:	8	Exemption 4:	
Year blt:		Net value:	7,749,500
Book/page:	5518/940	Last yr taxes:	174131.27
Sale price:	210,000	Prev block:	
Nonusable code:	06 (List)	Prev lot:	
Spcl tax codes:	A01, , ,	Prev qual:	
Exmt Prop Code	000	Init/Fur file date	NA / NA
Statue:		Facility:	

Assessment History

Year	Prop cls	Land Value	Imprv Val	Net Val
2015	4A	1,468,500	6,281,000	7,749,500
2014	4A	1,468,500	6,281,000	7,749,500
2013	4A	1,468,500	6,281,000	7,749,500
2012	4A	1,701,500	6,979,000	8,680,500

Cama Details

Type/use:		Story hgt:	
Design:		Roof type:	
Roof mtrl:		Ext Finish:	
Foundation:	Concrete Slab	Basement:	0
Heating src:		Heat system:	
Electric:		A/C:	
Plumbing:			
Fireplace:	None(0)	SFLA:	0
Attic area:	0	Unf area:	0
# bedrooms:	0	# bathrooms:	0
Attchd items:			
Detchd items:			

Sr1a Details

Soil Map—Ocean County, New Jersey



Map Scale: 1:1,630 if printed on A landscape (11" x 8.5") sheet.


0 20 40 80 120 Meters

0 50 100 200 300 Feet


Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

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

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

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

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Ocean County, New Jersey
 Survey Area Data: Version 13, Sep 17, 2015

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

Date(s) aerial images were photographed: Mar 25, 2011—Mar 26, 2011

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

Map Unit Legend

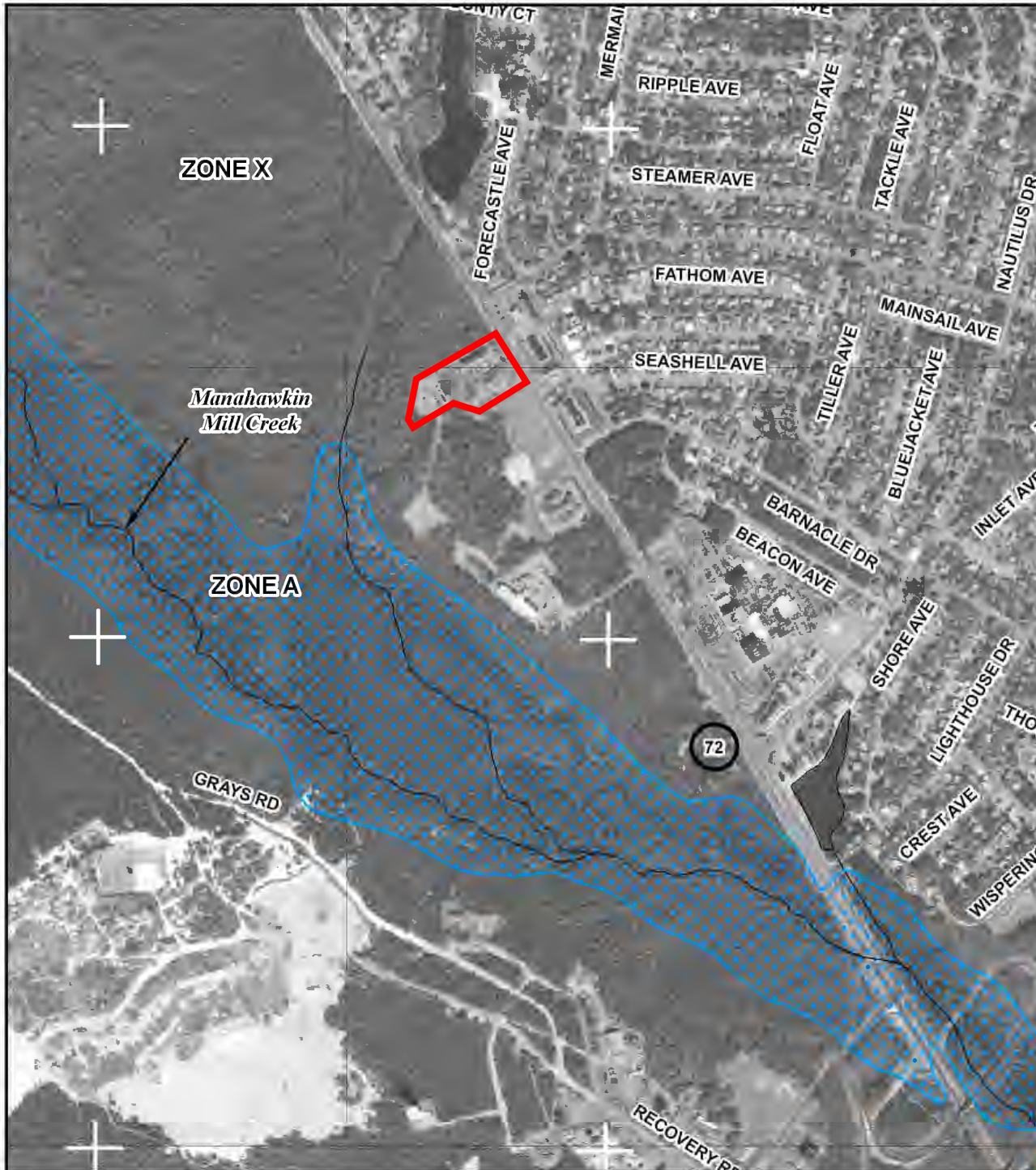
Ocean County, New Jersey (NJ029)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DocB	Downer loamy sand, 0 to 5 percent slopes	0.9	16.4%
DoeB	Downer sandy loam, 2 to 5 percent slopes	3.7	69.1%
PHG	Pits, sand and gravel	0.8	14.6%
Totals for Area of Interest		5.4	100.0%



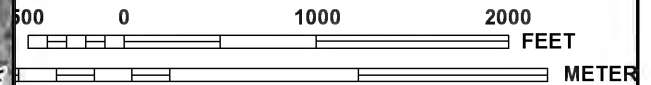
October 7, 2016

- | | | |
|--------------------------------|-----------------------------------|----------|
| Estuarine and Marine Deepwater | Freshwater Forested/Shrub Wetland | Other |
| Estuarine and Marine Wetland | Freshwater Pond | Riverine |
| Freshwater Emergent Wetland | Lake | |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



MAP SCALE 1" = 1000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0485F

FIRM
FLOOD INSURANCE RATE MAP

OCEAN COUNTY,
NEW JERSEY
ALL JURISDICTIONS

PANEL 485 OF 611

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BARNEGAT, TOWNSHIP OF	340396	0485	F
EAGLEWOOD, TOWNSHIP OF	340372	0485	F
STAFFORD, TOWNSHIP OF	340393	0485	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
34029C0485F

EFFECTIVE DATE
SEPTEMBER 29, 2006

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Related Topics: Envirofacts

FRS

FRS Facility Detail Report

SOUTHERN OCEAN CENTER

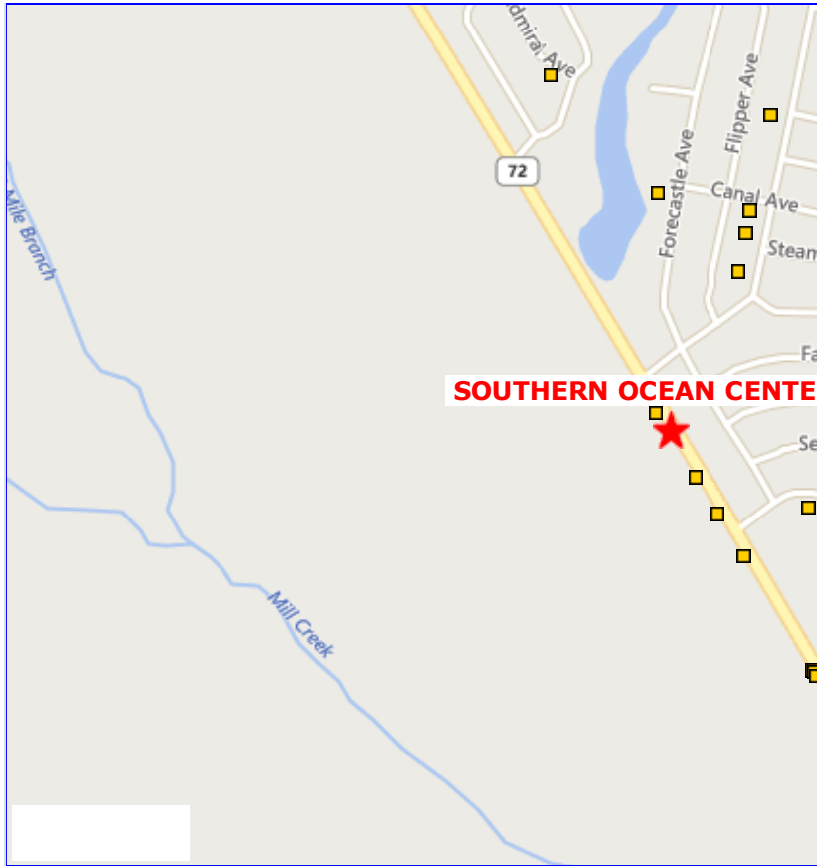
EPA Registry Id: 110031790453
1361 RT 72
MANAHAWKIN, NJ 08050

Facility Registry Service Links:

- [Facility Registry Service \(FRS\) Overview](#)
- [FRS Facility Query](#)
- [FRS Organization Query](#)
- [EZ Query](#)
- [FRS Physical Data Model](#)
- [FRS Geospatial Model](#)

Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe
Facility of Interest



The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
NEW JERSEY - NEW JERSEY ENVIRONMENTAL MANAGEMENT SYSTEM	SOUTHERN OCEAN CENTER	172049	STATE MASTER	NJ-NJEMS		NJEMS-225959 REFUSE DISPOSAL NJEMS-79254 AIR PROGRAM

Additional EPA Reports: [MyEnvironment](#) [Site Demographics](#) [Facility Coordinates Viewer](#) [Environmental Justice Map Viewer](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
NJ-NJEMS	8051	SKILLED NURSING CARE FACILITIES	

Facility Codes and Flags

EPA Region:	02
Duns Number:	
Congressional District Number:	03
Legislative District Number:	
HUC Code/Watershed:	02040301 / MULLICA-TOMS
US Mexico Border Indicator:	
Federal Facility:	
Tribal Land:	

Alternative Names

No Alternative Names returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
RESPONSIBLE ENTITY	SOUTHERN OCEAN CENTER		NJ-NJEMS	View
RESPONSIBLE ENTITY	SOUTHERN OCEAN CENTER		NJ-NJEMS	View

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
NJ-NJEMS	623110	NURSING CARE FACILITIES.	

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
AIR PERMIT INFORMATION CONTACT	1361 RT 72	MANAHAWKIN NJ		08050	NJ-NJEMS
RESPONSIBLE ENTITY	1361 RT 72	MANAHAWKIN NJ		08050	NJ-NJEMS
RESPONSIBLE OFFICIAL	1361 RT 72	MANAHAWKIN NJ		08050	NJ-NJEMS
FEES/BILLING CONTACT	1361 RT 72	MANAHAWKIN NJ		08050	NJ-NJEMS

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
AIR PERMIT INFORMATION CONTACT	SHELLEY WYATT	6099780600	NJ-NJEMS	View
FEES/BILLING CONTACT	SHELLEY WYATT	6099780600	NJ-NJEMS	View
RESPONSIBLE OFFICIAL	SHELLEY WYATT	6099780600	NJ-NJEMS	View

Query executed on: OCT-31-2016



Subject Item Inventory for Effective Air Permits

Run At: 10/31/2016 08:33 pm

Program Interest Number: **79254**

Activity Class	Activity Number	Activity Type	Activity Status	Subject Item NJID	Facility Designation	Equipment Description
GEN	140001	(GP-005A) Emergency Generators Burning Distillate Fuels	Approved	E 000002	Sonar Gen	1.5 MMBTU/Hr Emerg. Gen. (150 kW)
GEN	140001	(GP-005A) Emergency Generators Burning Distillate Fuels	Approved	PT 000002		Emerg. Gen. E2 Stack
GEN	140001	(GP-005A) Emergency Generators Burning Distillate Fuels	Approved	U 000002 OS1	Sonar Gen	1.5 MMBTU/Hr Emerg. Gen. (150 kW) Diesel fuel, 48 hrs/yr



department: [nidep home](#) | [about dep](#) | [index by topic](#) | [programs/units](#) | [dep online](#)
statewide: [njhome](#) | [citizen](#) | [business](#) | [government](#) | [services A to Z](#) | [departments](#) | [search](#)

Copyright © State of New Jersey, 1996-2004
Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 15, 2012

Site ID
172049

[172049 Inspections](#)
[172049 Enforcement Actions](#)
[172049 Violations](#)

[1 to 2 of 2]

Program

Air

<u>PI ID</u> ▲	<u>NAME</u> ▲	<u>ACTIVE</u> ▲	<u>ADDRESS</u> [street_name] ▲ [municipality] ▲ [zip] ▲	<u>TYPE</u> ▲	<u>REPORTS</u>
79254	SOUTHERN OCEAN CENTER	Y	1361 RT 72, Manahawkin, NJ 08050	AIR	Air Permit SI ▼ →
Solid Waste					
225959	SOUTHERN OCEAN CENTER	Y	1361 RT 72, Manahawkin, NJ 08050	MEDICAL WASTE GENERATOR	Enf. Actions by PI ▼ →

<1>

Copyright © State of New Jersey, 1996-2003
Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 15, 2012

The Water We Drink
Annual Drinking Water Quality Report
Stafford Township Water & Sewer Utility Department
 Beach Haven West, Stafford Avenue and Ocean Acres Water Plants
 For the Year 2016, Results from the Year 2015

This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is wells. Our nine wells draw groundwater from Atlantic City "800-foot" Sand Aquifer System, Kirkwood-Cohansey Water-table Aquifer System.

The New Jersey Department of Environmental Protection (NJDEP) has prepared Source Water Assessment Reports and Summaries for all public water systems. Please see attached page that contains susceptibility ratings for those wells. Further information on the Source Water Assessment Program can be obtained by logging onto NJDEP's source water assessment web site at WWW.state.nj.us/dep/swap or by contacting NJDEP's Bureau of Safe Drinking Water at (609) 292-5550.

The Stafford Township Water & Sewer Utility Department routinely monitors for contaminants in your drinking water according to Federal and State laws. The table shows the results of our monitoring for the period of January 1st to December 31st, 2015. We have learned through our monitoring and testing that some contaminants have been detected. The state allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

TEST RESULTS						
Contaminant	Violation Y/N	Level Detected	Units of Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants:						
Barium Test results Yr. 2014	N	Range = 0.2 – 0.3 Highest detect = 0.3	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper Test results Yr. 2014 Result at 90 th Percentile	N	0.3 No samples exceeded the action level	Ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
Lead Test results Yr. 2014 Result at 90 th Percentile	N	ND No samples exceeded the action level.	Ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection Byproducts:						
TTHM Total Trihalomethanes Test results Yr. 2015	N	Range = ND – 10 Highest LRAA = 8	ppb	N/A	80	By-product of drinking water disinfection
HAA5 Haloacetic Acids Test results Yr. 2015	N	Range = ND - 11 Highest LRAA = 5	ppb	N/A	60	By-product of drinking water disinfection
Regulated Disinfectants		Level Detected		MRDL		MRDLG
Chlorine Test results Yr. 2015		Average = 0.5 ppm		4.0 ppm		4.0 ppm

HAA5 and TTHM compliance is based on the Locational Running Annual Average (LRAA) calculated at each monitoring location.

If you have any questions about this report or concerning your water utility, please contact the Stafford Water & Sewer Utility Department at 609-597-1000, ext. #8588. Our office hours are from 8:30 a.m. until 4:30 p.m. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled Stafford Township Council Meetings at the Municipal Complex, 260 East Bay Avenue, Manahawkin, in the Council Room. Meetings are held on the first and third Tuesday of each month at 7:00 p.m.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can, also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Stafford Township Water & Sewer Utility Department is responsible for providing high quality drinking water, but can not control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 second to 2 minutes before using water for drinking and cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water hotline or at <http://www.epa.gov/safewater/lead>.

To ensure the continued quality of our water we treat it is several ways. We filter for iron removal, use sodium hypo-chloride for disinfection and use lime for PH adjustment.

The Safe Drinking Water Act regulations allow monitoring waivers to reduce or eliminate the monitoring requirements for asbestos, volatile organic chemicals and synthetic organic chemicals. Our system received monitoring waivers for asbestos and synthetic organic chemicals

DEFINITIONS

In the following table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal -The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Action Level - the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant, below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

The Stafford Township Water & Sewer Utility participated in monitoring for unregulated contaminants with the Unregulated Contaminant Monitoring Rule (UCMR). Unregulated contaminants are those for which the EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the EPA in determining the occurrence of unregulated contaminants in drinking water and whether regulation is warranted. Our results are available upon request. We found the substances listed below.

Contaminant	Level Detected	Units of Measurement	Likely source
Chlorate	Range = ND - 170	ppb	Agricultural defoliant of desiccant; disinfection byproduct; used in the production of chloride dioxide
Chromium (VI) (Hexavalent)	Range = ND - 0.07	ppb	Naturally-occurring element; used in the making of steel and other alloys; chromium -3 or -6 are used for chrome plating, dyes and pigments, leather tanning, and other wood preservation
Strontium	Range = ND - 27	ppb	Naturally-occurring element; historically commercial use of strontium has been in the faceplate glass of cathode-ray tube televisions to block x-ray emissions

Stafford Township - Beach Haven West, Stafford Avenue & Ocean Acres System- PWSID # NJ1530004

Stafford Township - Beach Haven West and Stafford Avenue System is a public community water system consisting of 9 active wells.

This system's source water comes from the following aquifers: Atlantic City "800-foot" Sand Aquifer System, Kirkwood-Cohansey Water-table Aquifer System.

This system can receive water from the following water system: Stafford Township – Fawn Lakes System.

Susceptibility Ratings for Stafford Township - Beach Haven West, Stafford Avenue & Ocean Acres System Sources

The table below illustrates the susceptibility ratings for the seven contaminant categories (and radon) for each source in the system. The table provides the number of wells and intakes that rated high (H), medium (M), or low (L) for each contaminant category. For susceptibility ratings of purchased water, refer to the specific water system's source water assessment report.

The seven contaminant categories are defined at the bottom of this page. DEP considered all surface water highly susceptible to pathogens, therefore all intakes received a high rating for the pathogen category. For the purpose of Source Water Assessment Program, radionuclides are more of a concern for ground water than surface water. As a result, surface water intakes' susceptibility to radionuclides was not determined and they all received a low rating.

If a system is rated highly susceptible for a contaminant category, it does not mean a customer is or will be consuming contaminated drinking water. The rating reflects the potential for contamination of source water, not the existence of contamination. Public water systems are required to monitor for regulated contaminants and to install treatment if any contaminants are detected at frequencies and concentrations above allowable levels. As a result of the assessments, DEP may customize (change existing) monitoring schedules based on the susceptibility ratings.

Sources	Pathogens			Nutrients			Pesticides			Volatile Organic Compounds			Inorganics			Radionuclides			Radon			Disinfection Byproduct Precursors		
	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
Wells - 9			9			9			9			9		2	7			9			9			9

Pathogens: Disease-causing organisms such as bacteria and viruses. Common sources are animal and human fecal wastes.

Nutrients: Compounds, minerals and elements that aid growth, that are both naturally occurring and man-made. Examples include nitrogen and phosphorus.

Volatile Organic Compounds: Man-made chemicals used as solvents, degreasers, and gasoline components. Examples include benzene, methyl tertiary butyl ether (MTBE), and vinyl chloride.

Pesticides: Man-made chemicals used to control pests, weeds and fungus. Common sources include land application and manufacturing centers of pesticides. Examples include herbicides such as atrazine, and insecticides such as chlordane.

Inorganics: Mineral-based compounds that are both naturally occurring and man-made. Examples include arsenic, asbestos, copper, lead, and nitrate.

Radionuclides: Radioactive substances that are both naturally occurring and man-made. Examples include radium and uranium.

Radon: Colorless, odorless, cancer-causing gas that occurs naturally in the environment. For more information go to <http://www.nj.gov/dep/rpp/radon/index.htm> or call (800) 648-0394.

Disinfection Byproduct Precursors: A common source is naturally occurring organic matter in surface water. Disinfection byproducts are formed when the disinfectants (usually chlorine) used to kill pathogens react with dissolved organic material (for example leaves) present in surface water.


We at Stafford Township Water & Sewer Utility Department work hard to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future. Please call our office if you have questions.

STAFFORD TOWNSHIP
OPEN PUBLIC RECORDS ACT REQUEST FORM
260 E. BAY AVENUE, MANAHAWKIN, NJ 08050
609-597-1000 fax 609-597-4911
clerk@twp.stafford.nj.us
BERNADETTE M. PARK, MUNICIPAL CLERK Agency Custodian

Important Notice

The last page of this form contains important information related to your rights concerning government records. Please read it carefully.

Requestor Information – Please Print

First Name Krystina MI M Last Name Forbes
E-mail Address kforbes@partneresi.com
Mailing Address 611 Industrial Way W
City Eatontown State NJ Zip 07724
Telephone 7323801700 FAX 7323801701
Preferred Delivery: Pick Up US Mail On-Site Inspect Fax E-mail
If you are requesting records containing personal information, please circle one: Under penalty of N.J.S.A. 2C:28-3, I certify that I **HAVE / HAVE NOT** been convicted of any indictable offense under the laws of New Jersey, any other state, or the United States.
Signature  Date 10/13/2016

Payment Information

Maximum Authorization Cost \$ 25
Select Payment Method
 X
Cash Check Money Order
Fees: Letter size pages - \$0.05 per page
Legal size pages - \$0.07 per page
Other materials (CD, DVD, etc) – actual cost of material
Delivery: Delivery / postage fees additional depending upon delivery type.
Extras: Special service charge dependent upon request.

Record Request Information: Please be as specific as possible in describing the records being requested. Also, please note that your preferred method of delivery will only be accommodated if the custodian has the technological means and the integrity of the records will not be jeopardized by such method of delivery.

Please see attachments for the following property:

Southern Ocean Center
1361 Route 72 West
Manahawkin, NJ 08050
Partner Project # 16-17193316

AGENCY USE ONLY

AGENCY USE ONLY

AGENCY USE ONLY

Est. Document Cost _____ Est. Delivery Cost _____ Est. Extras Cost _____ Total Est. Cost _____ Deposit Amount _____ Estimated Balance _____ Deposit Date _____	Disposition Notes Custodian: If any part of request cannot be delivered in seven business days, detail reasons here. In Progress - Open _____ Denied - Closed _____ Filled - Closed _____ Partial - Closed _____	<table style="width:100%; border: none;"> <tr> <th style="text-align: left; border: none;">Tracking Information</th> <th style="text-align: left; border: none;">Final Cost</th> </tr> <tr> <td style="border: none;">Tracking # _____</td> <td style="border: none;">Total _____</td> </tr> <tr> <td style="border: none;">Rec'd Date _____</td> <td style="border: none;">Deposit _____</td> </tr> <tr> <td style="border: none;">Ready Date _____</td> <td style="border: none;">Balance Due _____</td> </tr> <tr> <td style="border: none;">Total Pages _____</td> <td style="border: none;">Balance Paid _____</td> </tr> <tr> <td colspan="2" style="text-align: center; border: none;">Records Provided</td> </tr> <tr> <td style="border: none; text-align: center;">_____</td> <td style="border: none; text-align: center;">_____</td> </tr> <tr> <td style="border: none; text-align: center;">Custodian Signature</td> <td style="border: none; text-align: center;">Date</td> </tr> </table>	Tracking Information	Final Cost	Tracking # _____	Total _____	Rec'd Date _____	Deposit _____	Ready Date _____	Balance Due _____	Total Pages _____	Balance Paid _____	Records Provided		_____	_____	Custodian Signature	Date
Tracking Information	Final Cost																	
Tracking # _____	Total _____																	
Rec'd Date _____	Deposit _____																	
Ready Date _____	Balance Due _____																	
Total Pages _____	Balance Paid _____																	
Records Provided																		
_____	_____																	
Custodian Signature	Date																	

DEPOSITS

The custodian may require a deposit against costs for reproducing documents sought through an anonymous request whenever the custodian anticipates that the documents requested will cost in excess of \$5 to reproduce.

Where a special service charge is warranted under OPRA, that amount will be communicated to you as required under the statute. You have the opportunity to review and object to the charge prior to it being incurred. If, however, you approve of the fact and amount of the special service charge, you may be required to pay a deposit or pay in full prior to reproduction of the documents.

YOUR REQUEST FOR RECORDS IS DENIED FOR THE FOLLOWING REASON(S):

(To be completed by the Custodian of Records – check the box of the numbered exemption(s) as they apply to the records requested. If multiple records are requested, be specific as to which exemption(s) apply to each record. **Response is due to requestor as soon as possible, but no later than seven business days.**)

N.J.S.A. 47:1A-1.1

- Inter-agency or intra-agency advisory, consultative or deliberative material
- Legislative records
- Law enforcement records:
 - Medical examiner photos
 - Criminal investigatory records (however, N.J.S.A. 47:1A-3.b. lists specific criminal investigatory information which must be disclosed)
 - Victims' records
- Trade secrets and proprietary commercial or financial information
- Any record within the attorney-client privilege
- Administrative or technical information regarding computer hardware, software and networks which, if disclosed would jeopardize computer security
- Emergency or security information or procedures for any buildings or facility which, if disclosed, would jeopardize security of the building or facility or persons therein
- Security measures and surveillance techniques which, if disclosed, would create a risk to the safety or persons, property, electronic data or software
- Information which, if disclosed, would give an advantage to competitors or bidders
- Information generated by or on behalf of public employers or public employees in connection with:
 - Any sexual harassment complaint filed with a public employer
 - Any grievance filed by or against an employee
 - Collective negotiations documents and statements of strategy or negotiating
- Information that is a communication between a public agency and its insurance carrier, administrative service organization or risk management office
- Information that is to be kept confidential pursuant to court order
- Certificate of honorable discharge issued by the United States government (Form DD-214) filed with a public agency
- Social security numbers
- Credit card numbers
- Unlisted telephone numbers
- Drivers' license numbers
- Certain records of higher education institutions:
 - Research records
 - Questions or scores for exam for employment or academics
 - Charitable contribution information
 - Rare book collections gifted for limited access
 - Admission applications
 - Student records, grievances or disciplinary proceedings revealing a students' identification
- Biotechnology trade secrets **N.J.S.A. 47:1A-1.2**
- Convicts requesting their victims' records **N.J.S.A. 47:1A-2.2**

- Ongoing investigations of non-law enforcement agencies (must prove disclosure is inimical to the public interest) **N.J.S.A. 47:1A-3.a.**
- Public defender records **N.J.S.A. 47:1A-5.k.**
- Upholds exemptions contained in other State or federal statutes and regulations, Executive Orders, Rules of Court, and privileges created by State Constitution, statute, court rule or judicial case law **N.J.S.A. 47:1A-9**
- Personnel and pension records (however, the following information must be disclosed:
 - An individual's name, title, position, salary, payroll record, length of service, date of separation and the reason for such separation, and the amount and type of any pension received
 - When required to be disclosed by another law, when disclosure is essential to the performance of official duties of a person duly authorized by this State or the US, or when authorized by an individual in interest
 - Data contained in information which disclose conformity with specific experiential, educational or medical qualifications required for government employment or for receipt of a public pension, but not including any detailed medical or psychological information **N.J.S.A. 47:1A-10**

N.J.S.A. 47:1A-1

- "a public agency has a responsibility and an obligation to safeguard from public access a citizen's personal information with which it has been entrusted when disclosure thereof would violate the citizen's reasonable expectation of privacy."

Burnett v. County of Bergen, 198 N.J. 408 (2009). Without ambiguity, the court held that the privacy provision "is neither a preface nor a preamble." Rather, "the very language expressed in the privacy clause reveals its substantive nature; it does not offer reasons why OPRA was adopted, as preambles typically do; instead, it focuses on the law's implementation." "Specifically, it imposes an obligation on public agencies to protect against disclosure of personal information which would run contrary to reasonable privacy interests."

Executive Order No. 21 (McGreevey 2002)

- Records where inspection, examination or copying would substantially interfere with the State's ability to protect and defend the State and its citizens against acts of sabotage or terrorism, or which, if disclosed, would materially increase the risk or consequences of potential acts of sabotage or terrorism.
- Records exempted from disclosure by State agencies' proposed rules.

Executive Order No. 26 (McGreevey 2002)

- Certain records maintained by the Office of the Governor
- Resumes, applications for employment or other information concerning job applicants while a recruitment search is ongoing
- Records of complaints and investigations undertaken pursuant to the Model Procedures for Internal Complaints Alleging Discrimination, Harassment or Hostile Environments
- Information relating to medical, psychiatric or psychological history, diagnosis, treatment or evaluation
- Information in a personal income or other tax return
- Information describing a natural person's finances, income, assets, liabilities, net worth, bank balances, financial history or activities, or creditworthiness, except as otherwise required by law to be disclosed
- Test questions, scoring keys and other examination data pertaining to the administration of an examination for public employment or licensing
- Records in the possession of another department (including NJ Office of Information Technology or State Archives) when those records are made confidential by regulation or EO 9.

Other Exemption(s) contained in a State statute, resolution of either or both House of the Legislature, regulation, Executive Order, Rules of Court, any federal law, federal regulation or federal order pursuant to N.J.S.A. 47:1A-9.a.

(Please provide detailed information regarding the exemption from disclosure for which you are relying to deny access to government records. If multiple records are requested, be specific as to which exemption(s) apply to each record.)

REQUEST FOR RECORDS UNDER THE COMMON LAW

If, in addition to requesting records under OPRA, you are also requesting the government records under the common law, please check the box below.

A public record under the common law is one required by law to be kept, or necessary to be kept in the discharge of a duty imposed by law, or directed by law to serve as a memorial and evidence of something written, said, or done, or a written memorial made by a public officer

authorized to perform that function, or a writing filed in a public office. The elements essential to constitute a public record are that it be a written memorial, that it be made by a public officer, and that the officer be authorized by law to make it.

Yes, I am also requesting the documents under common law.

If the information requested is a "public record" under common law and the requestor has a legally recognized interest in the subject matter contained in the material, then the material must be disclosed if the individual's right of access outweighs the State's interest in preventing disclosure.

Please set forth your interest in the subject matter contained in the requested material:

Note that any challenge to a denial of a request for records under the common law cannot be made to the Government Records Council, as the Government Records Council only has jurisdiction to adjudicate challenges to denials of OPRA requests. A challenge to the denial of access under the common law can be made by filing an action in Superior Court.

1. All government records are subject to public access under the Open Public Records Act ("OPRA"), unless specifically exempt.
2. A request for access to a government record under OPRA must be in writing, hand-delivered, mailed, transmitted electronically, or otherwise conveyed to the appropriate custodian. N.J.S.A. 47:1A-5.g. The seven (7) business day response time does not commence until the records custodian receives the request form. If you submit the request form to any other officer or employee of the **Name of Agency**, that officer or employee must either forward the request to the appropriate custodian, or direct you to the appropriate custodian. N.J.S.A. 47:1A-5.h.
3. Requestors may submit requests anonymously. If you elect not to provide a name, address, or telephone number, or other means of contact, the custodian is not required to respond until you reappear before the custodian seeking a response to the original request.
4. The fees for duplication of a government record in printed form are listed on the front of this form. We will notify you of any special service charges or other additional charges authorized by State law or regulation before processing your request. Payment shall be made by cash, check or money order payable to the **Name of Agency**.
5. **You may be charged a 50% or other deposit when a request for copies exceeds \$25.** The **Name of Agency** custodian will contact you and advise you of any deposit requirements. You agree to pay the balance due upon delivery of the records. Anonymous requests in excess of \$5.00 require a deposit of 100% of estimated fees.
6. Under OPRA, a custodian must deny access to a person who has been convicted of an indictable offense in New Jersey, any other state, or the United States, **and** who is seeking government records containing personal information pertaining to the person's victim or the victim's family. This includes anonymous requests for said information.
7. By law, the **Name of Agency** must notify you that it grants or denies a request for access to government records within seven (7) business days after the agency custodian of records receives the request. If the record requested is not currently available or is in storage, the custodian will advise you within seven (7) business days after receipt of the request when the record can be made available and the estimated cost for reproduction.
8. You may be denied access to a government record if your request would substantially disrupt agency operations and the custodian is unable to reach a reasonable solution with you.
9. If the **Name of Agency** is unable to comply with your request for access to a government record, the custodian will indicate the reasons for denial on the request form or other written correspondence and send you a signed and dated copy.
10. Except as otherwise provided by law or by agreement with the requester, if the agency custodian of records fails to respond to you within seven (7) business days of receiving a request, the failure to respond is a deemed denial of your request.
11. If your request for access to a government record has been denied or unfilled within the seven (7) business days required by law, you have a right to challenge the decision by the **Name of Agency** to deny access. At your option, you may either institute a proceeding in the Superior Court of New Jersey or file a complaint with the Government Records Council ("GRC") by completing the Denial of Access Complaint Form. You may contact the GRC by toll-free telephone at 866-850-0511, by mail at PO Box 819, Trenton, NJ, 08625, by e-mail at grc@dca.state.nj.us, or at their web site at www.state.nj.us/grc. The Council can also answer other questions about the law. All questions regarding complaints filed in Superior Court should be directed to the Court Clerk in your County.
12. Information provided on this form may be subject to disclosure under the Open Public Records Act.

**Building Code
Certification**
Section 232

**U.S. Department of Housing
and Urban Development**
Office of Residential
Care Facilities

OMB Approval No. 2502-0605
(exp. 03/31/2014)

Public reporting burden for this collection of information is estimated to average 0.5 hours. This includes the time for collecting, reviewing, and reporting the data. The information is being collected to obtain the supportive documentation which must be submitted to HUD for approval, and is necessary to ensure that viable projects are developed and maintained. The Department will use this information to determine if properties meet HUD requirements with respect to development, operation and/or asset management, as well as ensuring the continued marketability of the properties. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Warning: Any person who knowingly presents a false, fictitious, or fraudulent statement or claim in a matter within the jurisdiction of the U.S. Department of Housing and Urban Development is subject to criminal penalties, civil liability, and administrative sanctions.

**INFORMATION TO BE PROVIDED BY LENDER WHICH MUST BE INCLUDED IN THE
CERTIFICATION:**

Name of Project/Facility: Southern Ocean Center

Project/Facility Type¹: Skilled Nursing Assisted Living Board and Care
 Other, Specify _____

Location: 1361 Route 72 West Manahawkin NJ 08050
Street Address City State Zip Code

Tax Map Key: _____

Year(s) Built: 1994-1999 Number of Buildings: 1

Number of Beds: _____ OR Number of Units: 136

[Space intentionally left blank]

¹ As defined in Section 232 of the National Housing Act.

INFORMATION TO BE COMPLETED BY GOVERNMENTAL AUTHORITY:

To: Secretary of Housing and Urban Development

_____ [Lender]

We confirm our records show the captioned project/facility was built in accordance with the building codes applicable at the time of construction.

In addition there are:

No current building or housing code violations on record or known;

OR

Current building or housing code violations on record or known (identify the violation, remedy and status in space below):

This certification is made, presented and delivered in connection with Lender's application for mortgage insurance pursuant to Section 232 of the National Housing Act and to influence an official action of HUD, and may be relied upon by HUD as a true statement of the facts contained herein.

(Certification must be signed by a person with supervisory responsibility)

Governing Authority: _____

By: _____

Name and Title: _____

Phone: () ____ - ____

Date: _____

An inspection of the Property is not required.

The intent of this certification is to notify HUD that the applicable building authority is not aware of any building or housing code violations with respect to the Property. If any violations exist, the governing authority should specify the violation and the remedial action required.

<Date>

NJ Historic Preservation Office

Attn: Daniel Saunders, Administrator

Mail Code 501-04B

P.O Box 420

Trenton, NJ 08625-420

Tel: 609-984-0716

Fax: 609-984-0578

Subject: "No Historic Properties Effected" Concurrence Request

Southern Ocean Center

1361 Route 72 West

Manahawkin NJ 08050

Partner Project # 16-171933.16

Partner Engineering and Science, Inc. is conducting an **Environmental Site Assessment** and/or a **Property Capital Needs Assessment** of Southern Ocean Center, 1361 Route 72 West, Manahawkin NJ 08050 of Ocean County. We respectfully request for consultation regarding the proposed project in accordance with 36 CFR 800.

A site map is attached for your review. Adjacent properties consist of the following:

North:	
East:	
South:	
West:	

This assessment is being conducted on behalf of a financial services client under HUD guidelines, as well as all federal, state and local guidelines, and, therefore, it is necessary to determine if this location is listed on the National Register of Historic Places and/or will adversely affect any historic properties on and/or in the subject vicinity.

The transaction consists of refinancing the existing of loan, to be insured under HUD programs. There will be no new construction and no ground breaking activity. **We are requesting an informal review of this site and a reply that will indicate that this project will have no affect on any onsite and/or abutting historic properties in the area.** In an effort to expedite the response process, you may simply check the appropriate box/statement below and return via mail/email.

Please check one:

- There are no historic properties present.
- There are historic properties present but the undertaking will have no effect upon them.
- There are historic properties present that may be affected by the undertaking and the undertaking will have No Adverse Effect on those properties.
- There are historic properties present and the project will have ADVERSE EFFECTS on historic properties.

NOTE: Under the provisions contained in the HUD MAP Guidelines, dated November, 2011, Chapter 9.5, Sec. C(3), "SHPO is allowed 30 days from receipt...to reply to requests for consultation. If there is no reply within that

time, and if there is no reason to anticipate an objection to the Application for Firm Commitment, HUD may make a determination of no effect and a commitment may be issued..."

If your response is not received within 30 days from the date of your receipt of this letter, your non-response is deemed to be concurrence that the herein described project will not have any adverse effect on any historic properties.

If you require additional information, have any questions/comments regarding this request, please contact me at (732) 380-1700 and fax: (732) 380-1701 or e-mail at kforbes@partneresi.com.

Thank you for your time and assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Krystina Forbes".

Krystina Forbes
FOIA Coordinator

October 12, 2016

Stafford Township

Attn: Bernadette M. Park

260 E. Bay Avenue

Manahawkin, NJ 08050

Tel: 609-597-1000

Fax: 609-597-4911

Email: clerk@twp.stafford.nj.us

Subject: ZONING VIOLATIONS/RECORDS REQUEST

Southern Ocean Center

1361 Route 72 West

Manahawkin, NJ 08050

Partner Project # 16-171933.16

Partner Engineering and Science, Inc., a national Real Estate Due Diligence Firm, is conducting a **Property Capital Needs Assessment** and/or an **Environmental Site Assessment** for the above-referenced site(s) on behalf of a financial services client. These assessments are being conducted in accordance with rules and regulations of conventional Freedom of Information Act provisions. Therefore, we are requesting the following information to include in our reports:

- o **Current** Zoning Designation is:_____
- o The CURRENT USE at the property **is permitted** in this zoning designation. Yes No
- o Conditional uses established for the property (if any):_____ None
- o **Copies of any unresolved Notices of Violation or Notices to Comply against the property?**
___Yes, copies attached ___No, none in records.

A letter/email listing any outstanding citations, notices of violations, notices of corrective action or other unresolved issues related to Zoning Codes at the property is requested for submittal with our report. If there is a Certificate of Occupancy, please include a copy with your letter. If there are no such matters relating to the property, please have the letter/email state that there are no such items on file or pending with your department.

We truly appreciate your assistance with this information. Please fax this completed letter, along with any attachments, to 732-380-1701 or email to kforbes@partneresi.com.

Also, please include the responder's name, signature, title, date and contact information.

Date: _____ **SIGNATURE** _____

Sincerely,



Krystina Forbes
FOIA Coordinator

October 12, 2016

Division of Fire Safety
Attn: William Kramer, Acting Director
P.O Box 809
Trenton, NJ 08625
Email: william.kramer@dca.nj.gov

Subject: FIRE CODE VIOLATION/ INFORMATION REQUEST

Southern Ocean Center
1361 Route 72 West
Manahawkin, NJ 08050
Partner Project # 16-171933.16

Partner Engineering and Science, Inc. (Partner), a National Real Estate Due Diligence Firm, is conducting a **Property Capital Needs Assessment** and/or an **Environmental Site Assessment** for the above-referenced site(s) on behalf of a financial services client. These assessments are being conducted in accordance with rules and regulations of conventional Freedom of Information Act provisions and under the California Public Records Act. Therefore, we are requesting the following information to include in our reports:

1. Are there any unresolved Notices of Violation or Notices to Comply documents filed against the property?
 Yes No [If Yes, please provide details on an attached sheet.]
2. How frequently is the property inspected by the Fire Department/Fire Marshal?
 During Construction To investigate a complaint Annually
 Never Other [please describe] _____
3. Date of last inspection: _____
[Please provide a copy, as available.]
4. Are there any current records related to the following: Yes No
[If Yes, please provide details on an attached sheet.]
 - a. Current or historical use of hazardous materials/waste
 - b. Storage or release of hazardous materials/waste
 - c. Current or historical underground/aboveground storage tanks [USTs/ASTs]
 - d. Current or historic clarifiers
 - e. Any HAZMAT responses to the property
[Please provide copies, as available.]

Additionally (if applicable), please provide information/certification that the sprinkler system is in compliance with the 1999 Edition of the National Fire Protection Association's (NFPA) "Standard for the Installation of Sprinkler Systems" (NFPA 13), and the 1998 edition of the NFPA "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems" (NFPA 25).

We truly appreciate your assistance with this information. Please fax this completed letter, along with any attachments, to 732-380-1701 or email to kforbes@partneresi.com.

Also, please include the responder's name, title, date and contact information.

DATE: _____ **SIGNATURE:** _____

Should you have any questions, please do not hesitate to contact me.

Sincerely,



Krystina Forbes
FOIA Coordinator

October 13, 2016

Ocean County Health Department

Attn: John P. Protonentis

175 Sunset Avenue

P.O Box 2191

Toms River, NJ 08754

Tel: 732-341-9700

Email: jprotonentis@ochd.org

Southern Ocean Center

1361 Route 72 West

Manahawkin, NJ 08050. Ocean County

Partner Project 16-171933.16

To Whom It May Concern,

Partner Engineering and Science, Inc. (Partner), a National Real Estate Due Diligence Firm, is conducting a **Property Capital Needs Assessment** and/or an **Environmental Site Assessment** for the above-referenced site(s) on behalf of a financial services client. These assessments are being conducted in accordance with rules and regulations of conventional Freedom of Information Act provisions. Therefore, we are requesting the following information to include in our reports:

- Copies of any current or historical use of hazardous materials and/or hazardous waste
- **Copies of permits for current or historical underground/aboveground storage tanks [USTs/ASTs]**
- Copies of use permits for current or historical clarifiers, oil/water separators, grease traps, interceptors
- Copies of any Violations or Notices to Comply
- Copies of any reports regarding leaking USTs/ASTs
- Copies of any records dealing with Ground Water contamination

Please notify Partner if any records exist for the above-referenced site(s) and please provide copies, as available. Also, please let me know if there are any costs associated with this request prior to processing.

We truly appreciate your assistance with this information. Should you have any questions or concerns, please do not hesitate to contact me via fax at 732-380-1701 or email at kforbes@partneresi.com

[Please include the responder's name, title, date and contact information]

Date: _____ Signature: _____

Your immediate assistance is greatly appreciated.

Sincerely,



Krystina Forbes
FOIA Coordinator

[UST- Underground Storage Tanks]

[AST-Above Ground Storage Tanks]

October 12, 2016

Stafford Township

Attn: Heidi Michel, Fire Official

260 E. Bay Avenue

Manahawkin, NJ 08050

Tel: 609-597-1000

Fax: 609-597-4911

Email: Fire@staffordnj.gov

Subject: FIRE CODE VIOLATION/ INFORMATION REQUEST

Southern Ocean Center

1361 Route 72 West

Manahawkin, NJ 08050

Partner Project # 16-171933.16

Partner Engineering and Science, Inc. (Partner), a National Real Estate Due Diligence Firm, is conducting a **Property Capital Needs Assessment** and/or an **Environmental Site Assessment** for the above-referenced site(s) on behalf of a financial services client. These assessments are being conducted in accordance with rules and regulations of conventional Freedom of Information Act provisions and under the California Public Records Act. Therefore, we are requesting the following information to include in our reports:

1. Are there any unresolved Notices of Violation or Notices to Comply documents filed against the property?
 Yes No [If Yes, please provide details on an attached sheet.]
2. How frequently is the property inspected by the Fire Department/Fire Marshal?
 During Construction To investigate a complaint Annually
 Never Other [please describe] _____
3. Date of last inspection: _____
[Please provide a copy, as available.]
4. Are there any current records related to the following: Yes No
[If Yes, please provide details on an attached sheet.]
 - a. Current or historical use of hazardous materials/waste
 - b. Storage or release of hazardous materials/waste
 - c. Current or historical underground/aboveground storage tanks [USTs/ASTs]
 - d. Current or historic clarifiers
 - e. Any HAZMAT responses to the property
[Please provide copies, as available.]

Additionally (if applicable), please provide information/certification that the sprinkler system is in compliance with the 1999 Edition of the National Fire Protection Association's (NFPA) "Standard for the

Installation of Sprinkler Systems" (NFPA 13), and the 1998 edition of the NFPA "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems" (NFPA 25).

We truly appreciate your assistance with this information. Please fax this completed letter, along with any attachments, to 732-380-1701 or email to kforbes@partneresi.com.

Also, please include the responder's name, title, date and contact information.

DATE: _____ **SIGNATURE:** _____

Should you have any questions, please do not hesitate to contact me.

Sincerely,



Krystina Forbes
FOIA Coordinator

October 12, 2016

Stafford Township

Attn: Bernadette M. Park

260 E. Bay Avenue

Manahawkin, NJ 08050

Tel: 609-597-1000

Fax: 609-597-4911

Email: clerk@twp.stafford.nj.us

Subject: BUILDING CODE VIOLATIONS/RECORDS REQUEST

Southern Ocean Center

1361 Route 72 West

Manahawkin, NJ 08050

Partner Project # 16-171933.16

Partner Engineering and Science, Inc. (Partner), a National Real Estate Due Diligence Firm, is conducting a **Property Capital Needs Assessment** and/or an **Environmental Site Assessment** for the above-referenced site(s) on behalf of a financial services client. These assessments are being conducted in accordance with rules and regulations of conventional local and federal Freedom of Information Act provisions. Therefore, we are requesting the following information to include in our reports:

- Please send copies of any unresolved Notices of Violation or Notices to Comply documents filed against the property.
___ Yes, copies included ___ None on record
- How frequently is the property inspected by the Building Department?
___ During Construction ___ To investigate a complaint ___ Annually
___ Never ___ Other [please describe] _____
- Date of last inspection: _____ [Please provide a copy, as available.]
- Please send copies of any open building department permits. ___ Yes, copies included ___ None in records
- Please send copies of the Certificates of Occupancy.
- Please send copies of permits for any current or historic USTs/ASTs.

[PLEASE ADD YOUR SIGNATURE, TITLE, DATE AND CONTACT INFORMATION AFTER YOU HAVE COMPLETED THIS FORM]

Date: _____ Signature: _____

A letter/email listing any outstanding citations, notices of violations, notices of corrective action or other unresolved issues related to Building Codes at the property is requested for submittal with our report. If there are no such matters relating to the property, please have the letter/email state that there are no such items on file or pending with your department.

We truly appreciate your assistance with this information. Please fax this completed letter, along with any attachments, to (732-380-1701 or email to kforbes@partneresi.com. Also, please include the responder's name, title, and contact information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Krystina", written over a vertical line.

Krystina Forbes
FOIA Coordinator

APPENDIX C: REGULATORY DATABASE REPORT

Southern Ocean Center

1361 Route 72 West
Manahawkin, NJ 08050

Inquiry Number: 4765764.2s
October 28, 2016

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	36
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-14
Physical Setting Source Map Findings	A-16
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

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.

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1361 ROUTE 72 WEST
MANAHAWKIN, NJ 08050

COORDINATES

Latitude (North):	39.7253800 - 39° 43' 31.36"
Longitude (West):	74.2912770 - 74° 17' 28.59"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	560739.9
UTM Y (Meters):	4397308.5
State Plane X (Feet):	550829.2
State Plane Y (Feet):	324955.7
Elevation:	60 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6035587 WEST CREEK, NJ
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150617
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
 1361 ROUTE 72 WEST
 MANAHAWKIN, NJ 08050

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SOUTHERN OCEAN CENTE	1361 RT 72	NJ NJEMS		TP
A2	SOUTHERN OCEAN CENTE	1361 RT 72	FINDS		TP
B3		1364 ROUTE 72 W	EDR Hist Cleaner	Higher	121, 0.023, ENE
B4	TOWNSLEYS GREENER CL	1364 RT 72 W	NJ DRYCLEANERS	Higher	121, 0.023, ENE
5		1089 HAWSER AVE	EDR Hist Auto	Higher	537, 0.102, East
6	47 MERMAID DRIVE	47 MERMAID DR	NJ SHWS, NJ Release	Higher	1035, 0.196, NE
7	66 MERMAID DRIVE	66 MERMAID DR	NJ SHWS, NJ VCP, NJ Release	Higher	1316, 0.249, NNE
8	SOUTHERN OCEAN COUNT	1140 ROUTE 72 WEST	NJ HIST LUST	Lower	1961, 0.371, SE
9	86 OUTBOARD AVENUE	86 OUTBOARD AVE	NJ SHWS, NJ NJEMS, NJ Release	Higher	2725, 0.516, North
10		252 FLOAT AVE	NJ SHWS, NJ Release	Higher	2740, 0.519, NE
11	1179 TREASURE AVENUE	1179 TREASURE AVE	NJ SHWS, NJ VCP, NJ NJEMS, NJ Release	Higher	2959, 0.560, NE
12	1155 TREASURE AVENUE	1155 TREASURE AVE	NJ SHWS, NJ VCP, NJ NJEMS	Higher	3329, 0.630, NE
13	STAFFORD TOWNSHIP LA	RECOVERY RD	NJ SHWS, NJ HIST HWS	Higher	3388, 0.642, SSW
14	25 SHORE AVENUE	25 SHORE AVE	NJ SHWS, NJ NJEMS, NJ Release	Lower	3516, 0.666, SE
15	OCEAN COUNTY SOLID W	320 HAY RD	NJ SHWS, RCRA NonGen / NLR, NY MANIFEST, NJ...	Lower	3873, 0.734, South
16	184 WAVE ROAD	184 WAVE RD	NJ SHWS, NJ VCP, NJ NJEMS, NJ Release	Higher	4833, 0.915, North
17	OLD PUBLIC WORKS BUI	RECOVERY RD	NJ SHWS, NJ HIST HWS, NJ UST, NJ INST CONTROL	Higher	4898, 0.928, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
SOUTHERN OCEAN CENTE 1361 RT 72 MANAHAWKIN, NJ 08050	NJ NJEMS Site Id: 172049	N/A
SOUTHERN OCEAN CENTE 1361 RT 72 MANAHAWKIN, NJ 08050	FINDS Registry ID:: 110031790453	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

NJ HWS RE-EVAL..... Site Re-Evaluation Report

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

NJ SWF/LF..... Solid Waste Facility Directory

State and tribal leaking storage tank lists

NJ LUST..... UST Active Remediation Sites Listing
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
NJ MAJOR FACILITIES..... List of Major Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NJ ENG CONTROLS..... Declaration Environmental Restriction/Deed Notice Sites

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
NJ PF..... Publicly Funded Cleanups Site Status Report

State and tribal Brownfields sites

NJ BROWNFIELDS..... Brownfields Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

NJ HIST LF.....	Solid Waste Facility Directory
NJ SWRCY.....	Approved Class B Recycling Facilities
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
ODI.....	Open Dump Inventory
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL.....	Delisted National Clandestine Laboratory Register
US CDL.....	National Clandestine Laboratory Register

Local Land Records

NJ LIENS.....	Environmental LIENS
LIENS 2.....	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
NJ SPILLS.....	Spills
NJ SPILLS 90.....	SPILLS 90 data from FirstSearch
NJ SPILLS 80.....	SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program

EXECUTIVE SUMMARY

UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
NJ AIRS.....	Emissions Inventory Listing
NJ CHROME.....	Chromate Chemical Production Waste Sites
NJ COAL ASH.....	Coal Ash Listing
NJ Financial Assurance.....	Financial Assurance Information Listing
NJ GW CONTAM AREAS.....	Groundwater Contamination Areas
NJ HIST MAJOR FACILITIES.....	List of Major Facilities
NJ ISRA.....	ISRA Database
NJ NPDES.....	New Jersey Pollutant Discharge Elimination System Dischargers
NJ UIC.....	Underground Injection Wells Database
ABANDONED MINES.....	Abandoned Mines
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ECHO.....	Enforcement & Compliance History Information

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NJ RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
NJ RGA LF..... Recovered Government Archive Solid Waste Facilities List
NJ RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

EXECUTIVE SUMMARY

NJ SHWS: Known contaminated sites in New Jersey except those associated with Bureau of Underground Storage Sites (BUST)

A review of the NJ SHWS list, as provided by EDR, and dated 06/30/2016 has revealed that there are 11 NJ SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
47 MERMAID DRIVE Site ID: 496071 Status: Closed	47 MERMAID DR	NE 1/8 - 1/4 (0.196 mi.)	6	10
66 MERMAID DRIVE Site ID: 125557 Status: Closed	66 MERMAID DR	NNE 1/8 - 1/4 (0.249 mi.)	7	12
86 OUTBOARD AVENUE Site ID: 196262 Status: Closed	86 OUTBOARD AVE	N 1/2 - 1 (0.516 mi.)	9	15
Not reported Site ID: 442540 Status: Closed	252 FLOAT AVE	NE 1/2 - 1 (0.519 mi.)	10	17
1179 TREASURE AVENUE Site ID: 342908 Status: Closed	1179 TREASURE AVE	NE 1/2 - 1 (0.560 mi.)	11	19
1155 TREASURE AVENUE Site ID: 227424 Status: Closed	1155 TREASURE AVE	NE 1/2 - 1 (0.630 mi.)	12	22
STAFFORD TOWNSHIP LA Site ID: 66423 Status: Closed	RECOVERY RD	SSW 1/2 - 1 (0.642 mi.)	13	23
184 WAVE ROAD Site ID: 163638 Status: Closed	184 WAVE RD	N 1/2 - 1 (0.915 mi.)	16	30
OLD PUBLIC WORKS BUI Site ID: 54383 Status: Closed	RECOVERY RD	SSE 1/2 - 1 (0.928 mi.)	17	33
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
25 SHORE AVENUE Site ID: 377918 Status: Closed	25 SHORE AVE	SE 1/2 - 1 (0.666 mi.)	14	24
OCEAN COUNTY SOLID W Site ID: 2789 Status: Closed	320 HAY RD	S 1/2 - 1 (0.734 mi.)	15	26

State and tribal leaking storage tank lists

NJ HIST LUST: This listing is no longer updated or maintained by the DEP.

A review of the NJ HIST LUST list, as provided by EDR, and dated 09/17/2002 has revealed that there

EXECUTIVE SUMMARY

is 1 NJ HIST LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN OCEAN COUNT Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern	1140 ROUTE 72 WEST	SE 1/4 - 1/2 (0.371 mi.)	8	14

State and tribal voluntary cleanup sites

NJ VCP: 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.

A review of the NJ VCP list, as provided by EDR, and dated 04/06/2016 has revealed that there is 1 NJ VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
66 MERMAID DRIVE Incident Number: 02-09-18-1054-16	66 MERMAID DR	NNE 1/8 - 1/4 (0.249 mi.)	7	12

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

NJ DRYCLEANERS: A listing of registered drycleaners.

A review of the NJ DRYCLEANERS list, as provided by EDR, and dated 06/06/2016 has revealed that there is 1 NJ DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOWNSLEYS GREENER CL Facility Id: L9035	1364 RT 72 W	ENE 0 - 1/8 (0.023 mi.)	B4	9

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto

EXECUTIVE SUMMARY

site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1089 HAWSER AVE	E 0 - 1/8 (0.102 mi.)	5	9

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1364 ROUTE 72 W	ENE 0 - 1/8 (0.023 mi.)	B3	8

EXECUTIVE SUMMARY

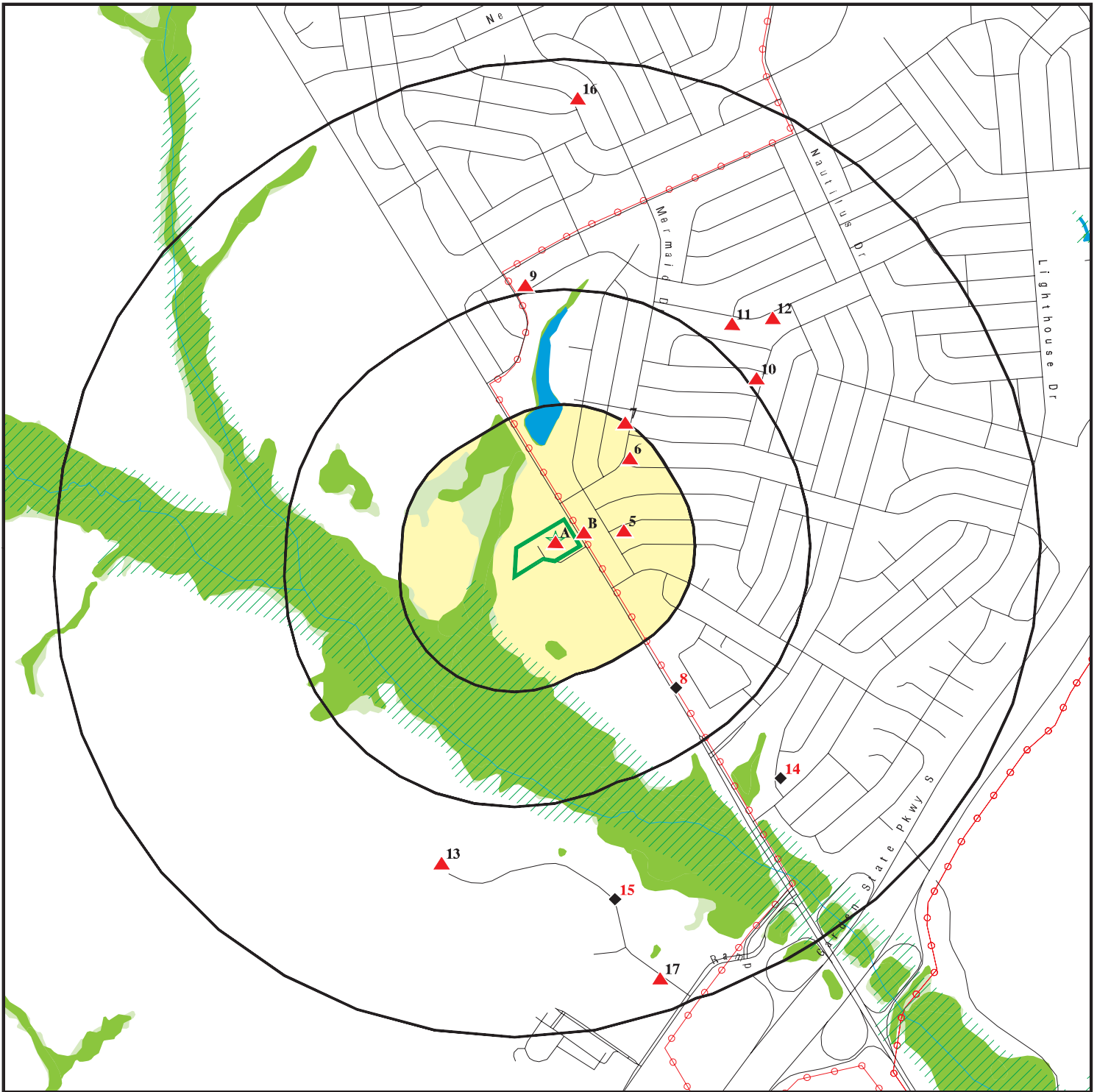
FAWN LAKES DEVELOPMENT

MARGO'S MARINA

SOUTHERN OCEAN CNTY HOSPITAL
SOUTHERN OCEAN ORAL SURGERY & IMPL

NJ Release
NJ Release
NJ Release
NJ Release
NJ Release
NJ Release
NJ Release
FINDS, ECHO
FINDS

OVERVIEW MAP - 4765764.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

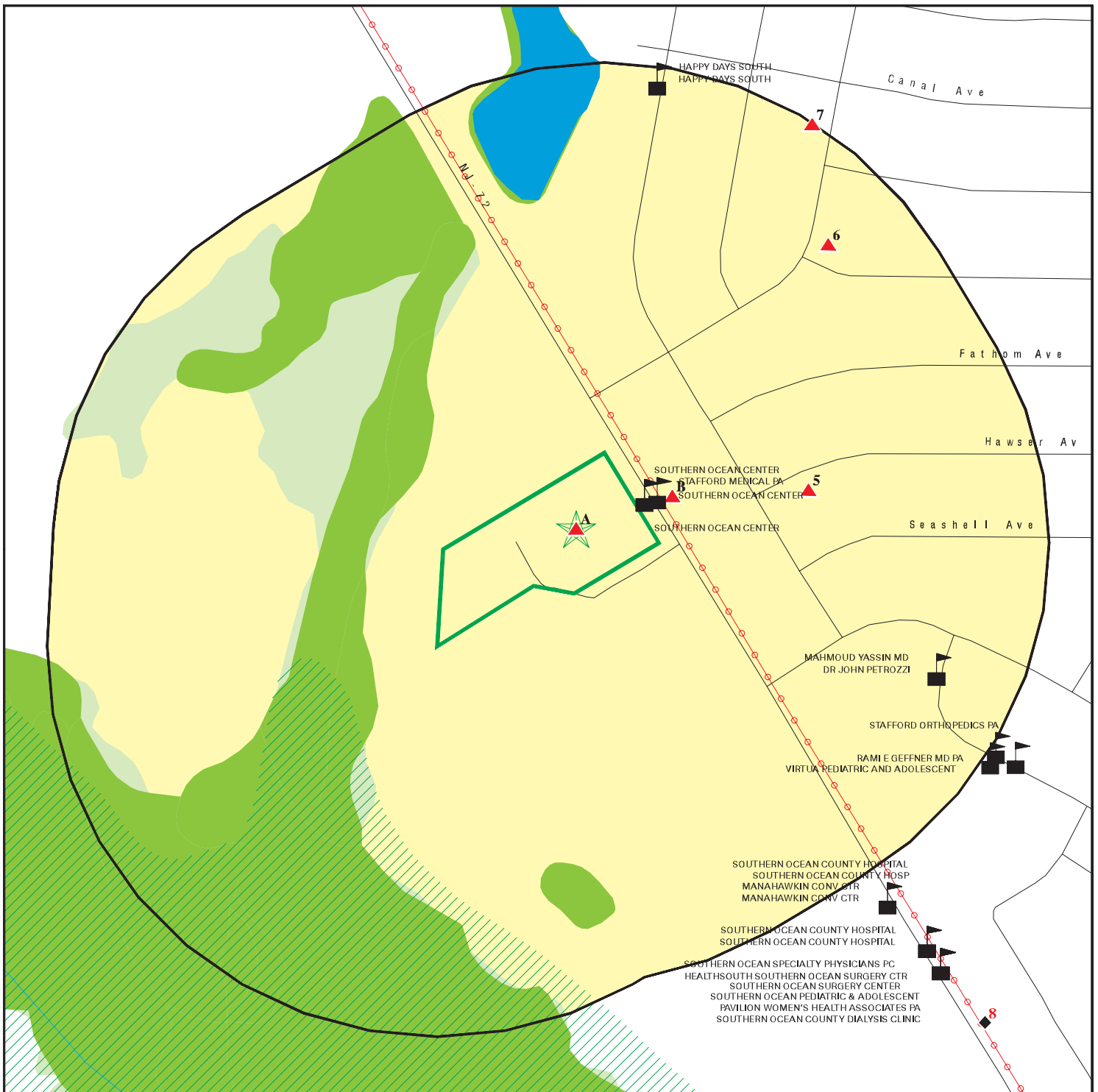
State Wetlands








This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.







SITE NAME: Southern Ocean Center
 ADDRESS: 1361 Route 72 West
 Manahawkin NJ 08050
 LAT/LONG: 39.72538 / 74.291277

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Stephanie Ferguson
 INQUIRY #: 4765764.2s
 DATE: October 28, 2016 7:39 am

DETAIL MAP - 4765764.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Southern Ocean Center
 ADDRESS: 1361 Route 72 West
 Manahawkin NJ 08050
 LAT/LONG: 39.72538 / 74.291277

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Stephanie Ferguson
 INQUIRY #: 4765764.2s
 DATE: October 28, 2016 7:39 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
NJ SHWS	1.000		0	2	0	9	NR	11
NJ HWS RE-EVAL	1.000		0	0	0	0	NR	0
NJ HIST HWS	TP		NR	NR	NR	NR	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
NJ SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
NJ LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NJ HIST LUST	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
NJ UST	0.250		0	0	NR	NR	NR	0
NJ MAJOR FACILITIES	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NJ ENG CONTROLS	0.500		0	0	0	NR	NR	0
NJ INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
NJ VCP	0.500		0	1	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
NJ PF	1.000		0	0	0	0	NR	0
State and tribal Brownfields sites								
NJ BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NJ HIST LF	0.500		0	0	0	NR	NR	0
NJ SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
NJ NJEMS	TP	1	NR	NR	NR	NR	NR	1
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NJ LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NJ Release	TP		NR	NR	NR	NR	NR	0
NJ SPILLS	TP		NR	NR	NR	NR	NR	0
NJ SPILLS 90	TP		NR	NR	NR	NR	NR	0
NJ SPILLS 80	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
NJ RGA HWS	TP		NR	NR	NR	NR	NR	0
NJ RGA LF	TP		NR	NR	NR	NR	NR	0
NJ RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		2	3	3	1	9	0	18

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **SOUTHERN OCEAN CENTER**
Target **1361 RT 72**
Property **MANAHAWKIN, NJ 08050**

NJ NJEMS **S113528266**
 N/A

Site 1 of 2 in cluster A

Actual:
60 ft.

NJEMS:
Site Id: 172049
Municipality: STAFFORD TWP
Municipality Name From Spatial Overlay: STAFFORD TWP
GNIS Civil Code For Municipality: 882069
Municipal Code (NJ-1040): 1531
X Coord: 551067
Y Coord: 324988
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: Approx. Addr. Match
Coord Orign: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1530
Unique Feature Number For Municipality From Spatial Overlay: Not reported
Eleven Digit Hydrologic Unit Code From Spatial Overlay): 02040301130
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040301130020
Watershed Management Area Number From Spatial Overlay: 13
Watershed Management Area Name From Spatial Overlay: Barnegat Bay
Water Region Code From Spatial Overlay: 3
Water Region Name From Spatial Overlay: Atlantic Coast
Sub Watershed Name From Overlay: Mill Ck (above GS Parkway)
Watershed Name From Spatial Overlay: Manahawkin/Upper Little Egg Harbor tribs

A2 **SOUTHERN OCEAN CENTER**
Target **1361 RT 72**
Property **MANAHAWKIN, NJ 08050**

FINDS **1010470931**
 N/A

Site 2 of 2 in cluster A

Actual:
60 ft.

FINDS:
Registry ID: 110031790453

Environmental Interest/Information System
NJ-NJEMS (New Jersey - New Jersey Environmental Management System).
The Department of Environmental Protection (NJDEP) manages large
databases of environmental information in this integrated system.

B3
ENE **1364 ROUTE 72 W**
< 1/8 **MANAHAWKIN, NJ 08050**
0.023 mi.
121 ft. **Site 1 of 2 in cluster B**

EDR Hist Cleaner **1014990221**
 N/A

Relative:
Higher

EDR Historical Cleaners:
Name: DE NOIA CLEANERS LLC
Year: 2010
Address: 1364 ROUTE 72 W

Actual:
62 ft.

Name: DE NOIA CLEANERS LLC
Year: 2011
Address: 1364 ROUTE 72 W

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1014990221

Name: TOWNSLEYS GREENER CLEANER
Year: 2012
Address: 1364 ROUTE 72 W

B4
ENE
< 1/8
0.023 mi.
121 ft.

TOWNSLEYS GREENER CLEANERS
1364 RT 72 W
STAFFORD TWP, NJ 08050
Site 2 of 2 in cluster B

NJ DRYCLEANERS S106482333
N/A

Relative:
Higher

NJ Drycleaners:
Facility Id: L9035
Contact Title: PRESIDENT
Contact Name: DAVID TOWNSLEY
SIC Code: 7216
SIC Description: Drycleaning Plants, Except Rug Cleaning
X Coordinate: 551099
Y Coordinate: 325126
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: Approx. Addr. Match
Contact Phone: (609) 978-4035
Active Flag: Y

Actual:
62 ft.

Facility Id: L9035
Contact Title: PRESIDENT
Contact Name: DAVID TOWNSLEY
SIC Code: 7218
SIC Description: Industrial Launderers
X Coordinate: 551099
Y Coordinate: 325126
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: Approx. Addr. Match
Contact Phone: (609) 978-4035
Active Flag: Y

5
East
< 1/8
0.102 mi.
537 ft.

1089 HAWSER AVE
MANAHAWKIN, NJ 08050

EDR Hist Auto 1015147969
N/A

Relative:
Higher

EDR Historical Auto Stations:
Name: ATECH AUTOMOTIVE INC
Year: 2002
Address: 1089 HAWSER AVE

Actual:
65 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

6
NE
1/8-1/4
0.196 mi.
1035 ft.

47 MERMAID DRIVE
47 MERMAID DR
STAFFORD TWP, NJ

NJ SHWS **S113922906**
NJ Release **N/A**

Relative:
Higher

SHWS:
 Site ID: 496071
 Status: Closed
 Home Owner: Yes
 PI Number: 625214

Actual:
76 ft.

Detail As Of April 2012:
 X Coord Site: Not reported
 X Coord PI: Not reported
 Y Coord Site: Not reported
 Y Coord PI: Not reported

NJ Release:
 Facility Type: Residential
 Facility Phone: Not reported
 Incident Date: 07/03/2013
 Incident Time: Not reported
 TD Log #: 481518
 Case Number: 13-07-05-1022-52
 Date Received: 07/05/2013
 Nature of Incident: Not reported
 Operator: Not reported
 Incident Type: Underground Storage Tank
 Incident Location: RESIDENCE
 Location: Not reported
 Other Location: Not reported
 Contact Name: Not reported
 Caller Name: Not reported
 Caller Title: Not reported
 Caller Address: Not reported
 Caller City,St,Zip: Not reported
 Caller Telephone: Not reported
 Substance(s): Not reported
 Substance Type: Not reported
 Substance Identity: Not reported
 CAS Number: Not reported
 A310 Letter: Not reported
 TCPA Chemical: Not reported
 Hazrds Material: Not reported
 COMU: Not reported
 Ref. Code: Not reported
 Amt Released: Not reported
 Contained: Not reported
 Release Type: Not reported
 Release VE: Not reported
 Injuries: No
 Public Exposure: No
 Facility Evacuation: No
 Police at Scene: No
 Firemen at Scene: No
 Contamination of: Not reported
 Receiving Water: Not reported
 Status at Spill: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

47 MERMAID DRIVE (Continued)

S113922906

NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Telephone: Not reported
Public Evacuation: No
Assistance Requested: Not reported
Wind Direction/Speed: Not reported
Local Municipality Notified: Not reported
Local Municipality Name: Not reported
Local Municipality Title: Not reported
Local Municipality Telephone: Not reported
Local Municipality Date: Not reported
Local Municipality Time: Not reported
Incident Description: Not reported
Incident Name: Not reported
Incident Referred To: Not reported
Incident Region: Not reported
Incident Telephone: Not reported
Incident Date: Not reported
Incident time: Not reported
Incident ITM: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Updated: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Rep Receive Date: 07/05/2013
Reporter Type: Other
Reporter Name: REDACTED
Reporter Title: REDACTED
Reporter Org: REDACTED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Terminated
Incident Category: Other
Incident Source: BILL THOMPSON
Incident Address: 47 MERMAID DRIVE
Incident Address 2: Not reported
Incident City,St,Zip: Stafford Twp, NJ 08050
Incident County: Ocean
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: Not reported
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

47 MERMAID DRIVE (Continued)

S113922906

Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

7
NNE
1/8-1/4
0.249 mi.
1316 ft.

66 MERMAID DRIVE
66 MERMAID DR
STAFFORD, NJ 08050

NJ SHWS S106209923
NJ VCP N/A
NJ Release

Relative:
Higher

SHWS:
Site ID: 125557
Status: Closed
Home Owner: Yes
PI Number: 165799

Actual:
69 ft.

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:
Incident Number: 02-09-18-1054-16
MOA Execution Date: 10/23/2002
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJ Release:
Facility Type: Residential
Facility Phone: Not reported
Incident Date: 09/18/2002
Incident Time: Not reported
TD Log #: 33992
Case Number: 02-09-18-1054-16
Date Received: 09/18/2002
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: AT RESIDENCE
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

66 MERMAID DRIVE (Continued)

S106209923

Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

66 MERMAID DRIVE (Continued)

S106209923

Rep Receive Date: 09/18/2002
 Reporter Type: Other
 Reporter Name: REDACTED
 Reporter Title: REDACTED
 Reporter Org: REDATED
 Reporter Address: Not reported
 Reporter City,St,Zip: Not reported
 Reporter County: Not reported
 Incident Status: Terminated
 Incident Category: Other
 Incident Source: JEFF WILKINSON
 Incident Address: 66 MERMAID DR
 Incident Address 2: Not reported
 Incident City,St,Zip: Stafford Twp, NJ 08050
 Incident County: Ocean
 DEP Requested: No
 Confidential: Not reported
 Notify Type: Not reported
 Road Closed: No
 Direction: Not reported
 Responsible Party: Not reported
 Responsible Party Name: Not reported
 Responsible Party Contact: Not reported
 Responsible Party Title: Not reported
 Responsible Party Phone: Not reported
 Responsible Party Street: Not reported
 Responsible Party County: Not reported
 Responsible Party City,St,Zip: Not reported
 Memo. Of Understanding: Not reported
 Drill/trng Exercise: Not reported
 Hazardous: Not reported

8
SE
 1/4-1/2
 0.371 mi.
 1961 ft.

SOUTHERN OCEAN COUNTY HOSPITAL
1140 ROUTE 72 WEST
MANAHAWKIN, NJ

NJ HIST LUST S104385568
N/A

Relative:
Lower

LUST HIST:

Case ID: Not reported
 Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern
 UST ID: 0332273
 TMS Number: N99-0268; S99-0321
 Remedial Level: Site has 1 area of concern with 1 media of concern.
 Case Manager: Robert Posey
 Facility Phone: (609) 777-1911
 No Further Action: 8/6/2001 0:00:00
 RAW Approved: Not reported
 CEA: Not reported
 Date CEA Lifted: Not reported
 Dead Notice: Not reported

Actual:
49 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

9
North
1/2-1
0.516 mi.
2725 ft.

86 OUTBOARD AVENUE
86 OUTBOARD AVE
STAFFORD TWP, NJ 08050

NJ SHWS S106466169
NJ NJEMS N/A
NJ Release

Relative:
Higher

SHWS:
 Site ID: 196262
 Status: Closed
 Home Owner: Yes
 PI Number: 257639

Actual:
69 ft.

Detail As Of April 2012:
 X Coord Site: Not reported
 X Coord PI: Not reported
 Y Coord Site: Not reported
 Y Coord PI: Not reported

NJEMS:

Site Id: 196262
 Municipality: STAFFORD TWP
 Municipality Name From Spatial Overlay: STAFFORD TWP
 GNIS Civil Code For Municipality: 882069
 Municipal Code (NJ-1040): 1531
 X Coord: 550914
 Y Coord: 328094
 Coord System: NJ STATE PLANE (NAD83) - USFEET
 Coord Type: Approx. Addr. Match
 Coord Orign: DEP-GIS
 State Standard Numeric Code From Spatial Overlay: 1530
 Unique Feature Number For Municipality From Spatial Overlay: Not reported
 Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040301130
 Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040301130020
 Watershed Management Area Number From Spatial Overlay: 13
 Watershed Management Area Name From Spatial Overlay: Barnegat Bay
 Water Region Code From Spatial Overlay: 3
 Water Region Name From Spatial Overlay: Atlantic Coast
 Sub Watershed Name From Overlay: Mill Ck (above GS Parkway)
 Watershed Name From Spatial Overlay: Manahawkin/Upper Little Egg Harbor tribs

NJ Release:

Facility Type: Residential
 Facility Phone: Not reported
 Incident Date: 06/15/2004
 Incident Time: Not reported
 TD Log #: 101181
 Case Number: 04-06-15-1033-39
 Date Received: 06/15/2004
 Nature of Incident: Not reported
 Operator: Not reported
 Incident Type: Underground Storage Tank
 Incident Location: RESID
 Location: Not reported
 Other Location: Not reported
 Contact Name: Not reported
 Caller Name: Not reported
 Caller Title: Not reported
 Caller Address: Not reported
 Caller City,St,Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

86 OUTBOARD AVENUE (Continued)

S106466169

Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	06/15/2004
Reporter Type:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

86 OUTBOARD AVENUE (Continued)

S106466169

Reporter Name: REDACTED
Reporter Title: REDACTED
Reporter Org: REDACTED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Terminated
Incident Category: Other
Incident Source: LARRY PALLINO
Incident Address: 86 OUTBOARD AVE
Incident Address 2: Not reported
Incident City,St,Zip: Stafford Twp, NJ 08050
Incident County: Ocean
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: No
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

10
NE
1/2-1
0.519 mi.
2740 ft.

252 FLOAT AVE
STAFFORD TWP, NJ 08050

NJ SHWS S110514818
NJ Release N/A

Relative:
Higher

SHWS:
Site ID: 442540
Status: Closed
Home Owner: Yes
PI Number: 556302

Actual:
101 ft.

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:
Facility Type: Residential
Facility Phone: Not reported
Incident Date: 07/12/2010
Incident Time: Not reported
TD Log #: 358118
Case Number: 10-07-12-1353-33
Date Received: 07/12/2010
Nature of Incident: Not reported
Operator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S110514818

Incident Type:	Underground Storage Tank
Incident Location:	RESIDENCE
Location:	Not reported
Other Location:	Not reported
Contact Name:	BOB TERPAY
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S110514818

Incident ITM: Not reported
 Comments: Not reported
 Date A310 Letter Printed: Not reported
 Date Local Authority Was Notified: Not reported
 Date Updated: Not reported
 Date Report Faxed to Local Authority: Not reported
 Local Authority Notification Date: Not reported
 Rep Receive Date: 07/12/2010
 Reporter Type: Other
 Reporter Name: REDACTED
 Reporter Title: REDACTED
 Reporter Org: REDACTED
 Reporter Address: Not reported
 Reporter City,St,Zip: Not reported
 Reporter County: Not reported
 Incident Status: Terminated
 Incident Category: Other
 Incident Source: BOB TERPAY
 Incident Address: 252 FLOAT AVE
 Incident Address 2: Not reported
 Incident City,St,Zip: Stafford Twp, NJ 08050
 Incident County: Ocean
 DEP Requested: No
 Confidential: Not reported
 Notify Type: Not reported
 Road Closed: Not reported
 Direction: Not reported
 Responsible Party: Not reported
 Responsible Party Name: Not reported
 Responsible Party Contact: Not reported
 Responsible Party Title: Not reported
 Responsible Party Phone: Not reported
 Responsible Party Street: Not reported
 Responsible Party County: Not reported
 Responsible Party City,St,Zip: Not reported
 Memo. Of Understanding: Not reported
 Drill/trng Exercise: Not reported
 Hazardous: Not reported

11
 NE
 1/2-1
 0.560 mi.
 2959 ft.

1179 TREASURE AVENUE
 1179 TREASURE AVE
 STAFFORD TWP, NJ 08050

NJ SHWS S108396596
 NJ VCP N/A
 NJ NJEMS
 NJ Release

Relative:
 Higher

SHWS:
 Site ID: 342908
 Status: Closed
 Home Owner: Yes
 PI Number: 424074

Actual:
 77 ft.

Detail As Of April 2012:
 X Coord Site: Not reported
 X Coord PI: Not reported
 Y Coord Site: Not reported
 Y Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1179 TREASURE AVENUE (Continued)

S108396596

VCP:

Incident Number: 07-02-21-0902-19
MOA Execution Date: 03/28/2007
Type Of Vcp File: CURRENT
Pi Number: 424074
Case Type(Case Type): MOA
Case Contact: Department Not reported
Case Contact Name: WILLIAM DARBY
Case Contact: Organization Not reported
Case Contact: Address: Line1 1179 TREASURE AVE
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Manahawkin, NJ 08050

NJEMS:

Site Id: 342908
Municipality: STAFFORD TWP
Municipality Name From Spatial Overlay: STAFFORD TWP
GNIS Civil Code For Municipality: 882069
Municipal Code (NJ-1040): 1531
X Coord: 552901
Y Coord: 327489
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: Approx. Addr. Match
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1530
Unique Feature Number For Municipality From Spatial Overlay: Not reported
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040301130
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040301130020
Watershed Management Area Number From Spatial Overlay: 13
Watershed Management Area Name From Spatial Overlay: Barnegat Bay
Water Region Code From Spatial Overlay: 3
Water Region Name From Spatial Overlay: Atlantic Coast
Sub Watershed Name From Overlay: Mill Ck (above GS Parkway)
Watershed Name From Spatial Overlay: Manahawkin/Upper Little Egg Harbor tribs

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 02/21/2007
Incident Time: Not reported
TD Log #: 221880
Case Number: 07-02-21-0902-19
Date Received: 02/21/2007
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESIDENCE
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1179 TREASURE AVENUE (Continued)

S108396596

Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	02/21/2007
Reporter Type:	Other
Reporter Name:	REDACTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1179 TREASURE AVENUE (Continued)

S108396596

Reporter Title: REDACTED
Reporter Org: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Terminated
Incident Category: Other
Incident Source: WILLIAM DARBY
Incident Address: 259 CROWS NEST RD
Incident Address 2: Not reported
Incident City,St,Zip: Stafford Twp, NJ 08050
Incident County: Ocean
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: No
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

12
NE
1/2-1
0.630 mi.
3329 ft.

1155 TREASURE AVENUE
1155 TREASURE AVE
STAFFORD TWP, NJ 08050

NJ SHWS S108253708
NJ VCP N/A
NJ NJEMS

Relative:
Higher

SHWS:
Site ID: 227424
Status: Closed
Home Owner: Yes
PI Number: 297519

Actual:
78 ft.

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:
Incident Number: 04-07-01-1743-06
MOA Execution Date: 11/22/2006
Type Of Vcp File: CURRENT
Pi Number: 297519
Case Type(Case Type): MOA
Case Contact: Department Not reported
Case Contact Name: CHRISTOPHER STEEGER
Case Contact: Organization Not reported
Case Contact: Address: Line1 1155 TREASURE AVE
Case Contact: Address: Line2 Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1155 TREASURE AVENUE (Continued)

S108253708

Case Contact: Address: Line3 Not reported
 Case Contact City,St,Zip: Manahawkin, NJ 080501943

NJEMS:

Site Id:	227424
Municipality:	STAFFORD TWP
Municipality Name From Spatial Overlay:	STAFFORD TWP
GNIS Civil Code For Municipality:	882069
Municipal Code (NJ-1040):	1531
X Coord:	553309
Y Coord:	327546
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	Approx. Addr. Match
Coord Origin:	DEP-GIS
State Standard Numeric Code From Spatial Overlay:	1530
Unique Feature Number For Municipality From Spatial Overlay:	Not reported
Eleven Digit Hydrologic Unit Code From Spatial Overlay):	02040301130
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040301130020
Watershed Management Area Number From Spatial Overlay:	13
Watershed Management Area Name From Spatial Overlay:	Barneget Bay
Water Region Code From Spatial Overlay:	3
Water Region Name From Spatial Overlay:	Atlantic Coast
Sub Watershed Name From Overlay:	Mill Ck (above GS Parkway)
Watershed Name From Spatial Overlay:	Manahawkin/Upper Little Egg Harbor tribs

13
SSW
1/2-1
0.642 mi.
3388 ft.

STAFFORD TOWNSHIP LANDFILL
RECOVERY RD
STAFFORD TWP, NJ 08050

NJ SHWS S107493574
NJ HIST HWS N/A

Relative:
Higher

SHWS:
 Site ID: 66423
 Status: Closed
 Home Owner: No
 PI Number: G000005207

Actual:
73 ft.

Detail As Of April 2012:
 X Coord Site: Not reported
 X Coord PI: Not reported
 Y Coord Site: Not reported
 Y Coord PI: Not reported

HIST SHWS:

Case Status:	Active
Status Date:	2/21/2001
Case ID:	G000005207
Contact:	BDC
Sub Section Label:	A: Sites with On-Site Sources of Contamination
Site Municipality:	1530
Remedial Level Code:	C3
Classification exception area dt:	None
Classification exception area dt:	Not reported
Deed Notice Status:	None
Deed Notice Date:	Not reported
Engineering Control Status:	None
Engineering Control Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STAFFORD TOWNSHIP LANDFILL (Continued)

S107493574

National Priorities List Status: Not reported
 National Priorities List Date: Not reported
 X Coordinate: 549531
 Y Coordinate: 321268
 Coordinate System: NJ State Plane (NAD83) - USFEET

**14
 SE
 1/2-1
 0.666 mi.
 3516 ft.**

**25 SHORE AVENUE
 25 SHORE AVE
 STAFFORD TWP, NJ 08050**

**NJ SHWS S109218033
 NJ NJEMS N/A
 NJ Release**

**Relative:
 Lower**

SHWS:
 Site ID: 377918
 Status: Closed
 Home Owner: Yes
 PI Number: 468448

**Actual:
 46 ft.**

Detail As Of April 2012:
 X Coord Site: Not reported
 X Coord PI: Not reported
 Y Coord Site: Not reported
 Y Coord PI: Not reported

NJEMS:

Site Id: 377918
 Municipality: STAFFORD TWP
 Municipality Name From Spatial Overlay: STAFFORD TWP
 GNIS Civil Code For Municipality: 882069
 Municipal Code (NJ-1040): 1531
 X Coord: 553423
 Y Coord: 322343
 Coord System: NJ STATE PLANE (NAD83) - USFEET
 Coord Type: Approx. Addr. Match
 Coord Orign: DEP-GIS
 State Standard Numeric Code From Spatial Overlay: 1530
 Unique Feature Number For Municipality From Spatial Overlay: Not reported
 Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040301130
 Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040301130020
 Watershed Management Area Number From Spatial Overlay: 13
 Watershed Management Area Name From Spatial Overlay: Barnegat Bay
 Water Region Code From Spatial Overlay: 3
 Water Region Name From Spatial Overlay: Atlantic Coast
 Sub Watershed Name From Overlay: Mill Ck (above GS Parkway)
 Watershed Name From Spatial Overlay: Manahawkin/Upper Little Egg Harbor tribs

NJ Release:

Facility Type: Residential
 Facility Phone: Not reported
 Incident Date: 03/19/2008
 Incident Time: Not reported
 TD Log #: 266995
 Case Number: 08-03-19-1709-33
 Date Received: 03/19/2008
 Nature of Incident: Not reported
 Operator: Not reported
 Incident Type: Underground Storage Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

25 SHORE AVENUE (Continued)

S109218033

Incident Location:	RESIDENCE
Location:	Not reported
Other Location:	Not reported
Contact Name:	SUE BARONE
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

25 SHORE AVENUE (Continued)

S109218033

Comments: Not reported
 Date A310 Letter Printed: Not reported
 Date Local Authority Was Notified: Not reported
 Date Updated: Not reported
 Date Report Faxed to Local Authority: Not reported
 Local Authority Notification Date: Not reported
 Rep Receive Date: 03/19/2008
 Reporter Type: Other
 Reporter Name: REDACTED
 Reporter Title: REDACTED
 Reporter Org: REDATED
 Reporter Address: Not reported
 Reporter City,St,Zip: Not reported
 Reporter County: Not reported
 Incident Status: Terminated
 Incident Category: Other
 Incident Source: LASALLE NAT'L BANK
 Incident Address: Not reported
 Incident Address 2: Not reported
 Incident City,St,Zip: NJ
 Incident County: Not reported
 DEP Requested: No
 Confidential: Not reported
 Notify Type: Not reported
 Road Closed: No
 Direction: Not reported
 Responsible Party: Not reported
 Responsible Party Name: Not reported
 Responsible Party Contact: Not reported
 Responsible Party Title: Not reported
 Responsible Party Phone: Not reported
 Responsible Party Street: Not reported
 Responsible Party County: Not reported
 Responsible Party City,St,Zip: Not reported
 Memo. Of Understanding: Not reported
 Drill/trng Exercise: Not reported
 Hazardous: Not reported

15
South
1/2-1
0.734 mi.
3873 ft.

OCEAN COUNTY SOLID WASTE MANAGEMENT
320 HAY RD
STAFFORD TWP, NJ 08050

NJ SHWS 1000833016
RCRA NonGen / NLR NJD986649150
NY MANIFEST
NJ MANIFEST

Relative:
Lower

SHWS:
 Site ID: 2789
 Status: Closed
 Home Owner: No
 PI Number: 020581

Actual:
55 ft.

Detail As Of April 2012:
 X Coord Site: Not reported
 X Coord PI: Not reported
 Y Coord Site: Not reported
 Y Coord PI: Not reported

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OCEAN COUNTY SOLID WASTE MANAGEMENT (Continued)

1000833016

Facility name: OCEAN COUNTY SOLID WASTE MANAGEMENT
Facility address: 320 HAY RD
STAFFORD TWP GARAGE
STAFFORD TWP, NJ 08050
EPA ID: NJD986649150
Mailing address: HOOPER AVE
TOMS RIVER, NJ 087542191
Contact: Not reported
Contact address: HOOPER AVE
TOMS RIVER, NJ 087542191
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OCEAN COUNTY SOLID WASTE MANAGEMENT
Owner/operator address: 129 HOOPER AVE
TOMS RIVER, NJ 08754
Owner/operator country: US
Owner/operator telephone: (732) 506-5047
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OCEAN COUNTY SOLID WASTE MANAGEMENT
Owner/operator address: 129 HOOPER AVE
TOMS RIVER, NJ 08754
Owner/operator country: US
Owner/operator telephone: (732) 506-5047
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OCEAN COUNTY SOLID WASTE MANAGEMENT (Continued)

1000833016

Historical Generators:

Date form received by agency: 01/01/2006
Site name: OCEAN COUNTY SOLID WASTE MANAGEMENT
Classification: Not a generator, verified

Date form received by agency: 05/05/1993
Site name: OCEAN COUNTY SOLID WASTE MANAGEMENT
Classification: Large Quantity Generator

- . Waste code: D000
- . Waste name: Not Defined

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NJD986649150
Facility Status: Not reported
Location Address 1: 320 HAY ROAD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STAFFORD
Location State: NJ
Location Zip: 08050
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NJD986649150
Mailing Name: TOWNSHIP OF STAFFORD
Mailing Contact: DAVID GARRISON
Mailing Address 1: 260 EAST BAY ROAD
Mailing Address 2: Not reported
Mailing City: MANAHAWKIN
Mailing State: NJ
Mailing Zip: 08050
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6095971000

NY MANIFEST:

Document ID: NYG5226714
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: AD67591
Trans2 State ID: Not reported
Generator Ship Date: 12/02/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OCEAN COUNTY SOLID WASTE MANAGEMENT (Continued)

1000833016

Trans1 Recv Date: 12/02/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/03/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NJD986649150
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSD ID 1: NYD049178
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00400
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

NJ MANIFEST:

EPA Id: NJD986649150
Mail Address: 320 HAY RD
Mail City/State/Zip: STAFFORD TWP 08084
Facility Phone: 9085065047
Emergency Phone: Not reported
Contact: Not reported
Comments: Not reported
SIC Code: Not reported
County: 15
Municipal: 30
Previous EPA Id: Not reported
Gen Flag: D
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: NYG5226714
EPA ID: NJD986649150

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OCEAN COUNTY SOLID WASTE MANAGEMENT (Continued)

1000833016

Date Shipped: 12/02/2004
 TSDF EPA ID: NYD049178296
 Transporter EPA ID: NYD049178296
 Transporter 2 EPA ID: Not reported
 Transporter 3 EPA ID: Not reported
 Transporter 4 EPA ID: Not reported
 Transporter 5 EPA ID: Not reported
 Transporter 6 EPA ID: Not reported
 Transporter 7 EPA ID: Not reported
 Transporter 8 EPA ID: Not reported
 Transporter 9 EPA ID: Not reported
 Transporter 10 EPA ID: Not reported
 Date Trans1 Transported Waste: 12/02/2004
 Date Trans2 Transported Waste: Not reported
 Date Trans3 Transported Waste: Not reported
 Date Trans4 Transported Waste: Not reported
 Date Trans5 Transported Waste: Not reported
 Date Trans6 Transported Waste: Not reported
 Date Trans7 Transported Waste: Not reported
 Date Trans8 Transported Waste: Not reported
 Date Trans9 Transported Waste: Not reported
 Date Trans10 Transported Waste: Not reported
 Date TSDF Received Waste: 12/03/2004
 TSDF EPA Facility Name: Not reported
 QTY Units: Not reported
 Transporter SEQ ID: Not reported
 Transporter-1 Date: Not reported
 Waste SEQ ID: Not reported
 Waste Type Code 2: Not reported
 Waste Type Code 3: Not reported
 Waste Type Code 4: Not reported
 Waste Type Code 5: Not reported
 Waste Type Code 6: Not reported
 Date Accepted: Not reported
 Manifest Discrepancy Type: Not reported
 Data Entry Number: 02180521
 Was Load Rejected: STAFFORD TWP 08084
 Reason Load Was Rejected: Not reported

16
 North
 1/2-1
 0.915 mi.
 4833 ft.

184 WAVE ROAD
184 WAVE RD
STAFFORD, NJ 07675

NJ SHWS S106214118
NJ VCP N/A
NJ NJEMS
NJ Release

Relative:
Higher

SHWS:
 Site ID: 163638
 Status: Closed
 Home Owner: Yes
 PI Number: 214424

Actual:
85 ft.

Detail As Of April 2012:
 X Coord Site: Not reported
 X Coord PI: Not reported
 Y Coord Site: Not reported
 Y Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

184 WAVE ROAD (Continued)

S106214118

VCP:

Incident Number: 03-06-25-1118-00
MOA Execution Date: 10/27/2003
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 163638
Municipality: STAFFORD TWP
Municipality Name From Spatial Overlay: STAFFORD TWP
GNIS Civil Code For Municipality: 882069
Municipal Code (NJ-1040): 1531
X Coord: 549926
Y Coord: 330313
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: Exact Address Match
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1530
Unique Feature Number For Municipality From Spatial Overlay: Not reported
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040301130
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040301130020
Watershed Management Area Number From Spatial Overlay: 13
Watershed Management Area Name From Spatial Overlay: Barnegat Bay
Water Region Code From Spatial Overlay: 3
Water Region Name From Spatial Overlay: Atlantic Coast
Sub Watershed Name From Overlay: Mill Ck (above GS Parkway)
Watershed Name From Spatial Overlay: Manahawkin/Upper Little Egg Harbor tribs

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 06/24/2003
Incident Time: Not reported
TD Log #: 61322
Case Number: 03-06-25-1118-00
Date Received: 06/25/2003
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: VACANT RESIDENCE AT
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

184 WAVE ROAD (Continued)

S106214118

Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	06/25/2003
Reporter Type:	Other
Reporter Name:	REDACTED

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

184 WAVE ROAD (Continued)

S106214118

Reporter Title: REDACTED
 Reporter Org: REDATED
 Reporter Address: Not reported
 Reporter City,St,Zip: Not reported
 Reporter County: Not reported
 Incident Status: Terminated
 Incident Category: Other
 Incident Source: JOHN KORUPCHAK
 Incident Address: 235 WASHINGTON AVE
 Incident Address 2: Not reported
 Incident City,St,Zip: Westwood Boro, NJ 07675
 Incident County: Bergen
 DEP Requested: No
 Confidential: Not reported
 Notify Type: Not reported
 Road Closed: No
 Direction: Not reported
 Responsible Party: Not reported
 Responsible Party Name: Not reported
 Responsible Party Contact: Not reported
 Responsible Party Title: Not reported
 Responsible Party Phone: Not reported
 Responsible Party Street: Not reported
 Responsible Party County: Not reported
 Responsible Party City,St,Zip: Not reported
 Memo. Of Understanding: Not reported
 Drill/trng Exercise: Not reported
 Hazardous: Not reported

17
SSE
1/2-1
0.928 mi.
4898 ft.

OLD PUBLIC WORKS BUILDING
RECOVERY RD
STAFFORD TWP, NJ 08050

NJ SHWS **U000775872**
NJ HIST HWS **N/A**
NJ UST
NJ INST CONTROL

Relative:
Higher

Actual:
62 ft.

SHWS:
 Site ID: 54383
 Status: Closed
 Home Owner: No
 PI Number: 023553

Detail As Of April 2012:
 X Coord Site: Not reported
 X Coord PI: Not reported
 Y Coord Site: Not reported
 Y Coord PI: Not reported

HIST SHWS:
Case Status: NFA-A (Limited Restricted Use)
 Status Date: 9/2/1997
 Case ID: 023553
 Contact: BSCM
 Sub Section Label: C: Closed Sites with Restrictions
 Site Municipality: 1530
 Remedial Level Code: C2
 Classification exception area dt: Ongoing
 Classification exception area dt: 9/2/1997
 Deed Notice Status: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD PUBLIC WORKS BUILDING (Continued)

U000775872

Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 552043
Y Coordinate: 319953
Coordinate System: NJ State Plane (NAD83) - USFEET

UST:

Facility ID: 023553

Contact:

Owner Name: Not Identified Not Identified
Organization: Not Identified
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Not reported

Owner Name: CARL BLOCK
Organization: STRAFFORD TWP
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 775 EAST BAY AVE
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Manahawkin, NJ 08050

Tanks:

Tank Id: TANK-1
Tank Number: 0002
Tank Status: Removed
Tank Status Date: 07/28/1993
Install Date: 01/01/1978
Tank Contents: Leaded Gasoline
Tank Size: 6000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Other
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Inventory Control

Tank Id: TANK-2
Tank Number: 0003
Tank Status: Removed
Tank Status Date: 07/28/1993
Install Date: 01/01/1959
Tank Contents: Medium Diesel Fuel (No. 2-D)
Tank Size: 1000
Tank Compliance: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD PUBLIC WORKS BUILDING (Continued)

U000775872

Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Other
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Inventory Control

Tank Id: TANK-3
Tank Number: 0004
Tank Status: Removed
Tank Status Date: 07/28/1993
Install Date: 01/01/1958
Tank Contents: Leaded Gasoline
Tank Size: 1000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Other
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Inventory Control

NJ INSTITUTIONAL CONTROL:

Facility ID: 54383
Date Established (SI): 09/02/1997
Date Closed/Lifted (SI): 07/18/2008
PI Number: 023553
PI Name: OLD PUBLIC WORKS BUILDING
CEA Description (SI): Methyl tert-butyl ether
CEA Case Track #: 24518
CEA Duration: 1.00
Intermediate Durations: No

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BARNEGAT TWP	1006997746	68 BOWLINE STREET	68 BOWLINE ST	08050	NJ SHWS, NJ VCP
MANAHAWKIN	S113528287	SOUTHERN OCEAN CNTY DIALYSIS CLINI	1100 RT 72	08050	NJ NJEMS
MANAHAWKIN	S113528274	SOUTHERN OCEAN CNTY RADIOLOGY & ON	1140 RT 72	08050	NJ NJEMS
MANAHAWKIN	S113528304	SOUTHERN OCEAN PEDIATRICS & ADOLE	1100 RT 72	08050	NJ NJEMS
MANAHAWKIN	S113528269	SOUTHERN OCEAN HEALTH GROUP	1100 RT 72	08050	NJ NJEMS
MANAHAWKIN	S113528288	SOUTHERN OCEAN OTOLARYNGOLOGY	1100 RT 72	08050	NJ NJEMS
MANAHAWKIN	S113567326	SOUTHERN OCEAN MEDICAL CENTER	1140 RT 72	08050	NJ NJEMS
MANAHAWKIN	S113528291	HEALTHSOUTH SOUTHERN OCEAN SURGERY	1100 RT 72	08050	NJ NJEMS
MANAHAWKIN	S113528270	COMPASS HEALTH CARE @ SOUTHERN OCE	1140 RT 72	08050	NJ NJEMS
MANAHAWKIN	S113528251	NOVACARE PHYSICAL REHAB @ SOUTHERN	1140 RT 72	08050	NJ NJEMS
MANAHAWKIN	1016126116	SOUTHERN OCEAN CNTY HOSPITAL	1140 RT 72	08050	FINDS, ECHO
MANAHAWKIN	S104481636	MANAHAWKIN BAY	RT 72		NJ Release
MANAHAWKIN	S107107418	MIDAS MUFFLER	RT 72		NJ Release
MANAHAWKIN	S105319643	PINE CREST TRAILER PARK	RT 72		NJ SPILLS, NJ Release
MANAHAWKIN	S101997082	SUNOCO STATION	RT 72		NJ Release
MANAHAWKIN	S107106781	LAKE MANAHANKEN	RT 72 AND RT 9		NJ Release
MANAHAWKIN	S102218763	NJDOT	RT 72 E. MP 23.1		NJ Release
MANAHAWKIN	S104437196	MANAHAWKIN MAINT FACILITY	RT 72		NJ Release
MANAHAWKIN	S104418087	WAL MART	RT 72		NJ Release
MANAHAWKIN	S107113544	ADELTHA COMMUNICATIONS	RT 9, NO OF RT 72		NJ Release
MANAHAWKIN	S107065182	UNNAMED STREAM	JENNINGS RD/ RTE 72		NJ Release
MANAHAWKIN	S104715783	TOWN WATER TOWER	MILL CREEK RD OFF 72		NJ Release
MANAHAWKIN	S115579045	SOUTHERN OCEAN ORAL SURGERY & IMPL	1100 1322 RT 72	08050	NJ NJEMS
MANAHAWKIN	1016992903	SOUTHERN OCEAN ORAL SURGERY & IMPL	1100 1322 RT 72	08050	FINDS
STAFFORD TOWNSHIP	S105134963	STAFFORD TOWNSHIP LANDFILL	RECOVERY ROAD		NJ PF
STAFFORD TWP	S113661422		ROUTE 539 ROUTE AT ROUTE 72	08050	NJ Release
STAFFORD TWP	S108771989		RTE 539 / RTE 72		NJ Release
STAFFORD TWP	S107090577		ROUTE 72		NJ Release
STAFFORD TWP	S107573171		RT 72		NJ Release
STAFFORD TWP	S112112364		1140 ROUTE 72	08050	NJ Release
STAFFORD TWP	S118699641		RTE 72	08050	NJ Release
STAFFORD TWP	S118165398		320 ROUTE 72	08050	NJ Release
STAFFORD TWP	S117340544	EAST COAST FLOORING (FORMER) / DEY	325 RT 72 325		NJ LUST
STAFFORD TWP	S107133515	NJDOT MANAHAWKIN MAINT. YD	RT 72 S MP 23.2		NJ Release
STAFFORD TWP	S118574491		RT 72	08050	NJ Release
STAFFORD TWP	S108769808		RT 72 / EAST RD		NJ Release
STAFFORD TWP	S109294000	SUNOCO 0011-8174	244 RT 72		NJ SHWS
STAFFORD TWP	S110519527		ROUTE 72	08050	NJ Release
STAFFORD TWP	S113924701		RT 72 BRIDGE	08050	NJ Release
STAFFORD TWP	S117807469		ROUTE 72 WESTBOUND	08050	NJ Release
STAFFORD TWP	S116192951	KAMIKAR ENTERPRISES DBA US GAS	524 RT 72		NJ SHWS, NJ SPILLS
STAFFORD TWP	S108257798		RT 72		NJ Release
STAFFORD TWP	S109224757		RT 72 EAST	08050	NJ Release

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
STAFFORD TWP	S107090241		RT 72	08050	NJ Release
STAFFORD TWP	S109303425	BENJ J MCCLELLAN & SON INC	RT 72 & MILL CREEK RD		NJ SHWS
STAFFORD TWP	S107108899	MIDAS MUFFLER	RT 72		NJ Release
STAFFORD TWP	S112122662	AREA OF	RT 72 & MILL CREEK R		NJ Release
STAFFORD TWP	S108395312		RT 72		NJ Release
STAFFORD TWP	S118574186		ROUTE 72	08050	NJ Release
STAFFORD TWP	S111262324		RTE 72 / JENNINGS RD	08050	NJ Release
STAFFORD TWP	S108396384		ROUTE 72 & RECOVERY ROAD	08050	NJ Release
STAFFORD TWP	S113662682		ROUTE 72-W	08050	NJ Release
STAFFORD TWP	S110519702		RT 72/JENNINGS RD		NJ Release
STAFFORD TWP	S107094329		RT 72/LONG BEACH BLVD		NJ Release
STAFFORD TWP	S107072892		RT 72/NEPTUNE RD		NJ Release
STAFFORD TWP	S107110403	ROADSIDE	RT 9 & RT 72		NJ Release
STAFFORD TWP	S110312765		RT 9/RT 72		NJ Release
STAFFORD TWP	S107132787	NEXT TO BARNEGAT/STAFFORD TWP	LINE ON 72 EB		NJ Release
STAFFORD TWP	S110517687		MARSHA DR / BAY AV RT 72		NJ Release
STAFFORD TWP	S107075530		MILL CREEK RD / RTE 72		NJ Release
STAFFORD TWP	S113661513		NEAR RT 72 BRIDGE	08050	NJ Release
STAFFORD TWP	S107100510	FAWN LAKES DEVELOPMENT	OFF OF RT. 72 SICKAM		NJ Release
STAFFORD TWP	S116166265		OFF ROUTE 72	08050	NJ Release
STAFFORD TWP	S104437067	MARGO'S MARINA	OLD RT 72		NJ Release
STAFFORD TWP	1010466634	STAFFORD BUSINESS PARK EAST	RECOVERY RD & HAY RD	08050	NJ SHWS, NJ NJEMS, FINDS
STAFFORD TWP	S109837588	STAFFOR BUSINESS PARK EAST	RECOVERY RD & HAY RD		NJ SHWS
STAFFORD TWP	S117244728		434 WEST ROUTE 72	08050	NJ Release
STAFFORD TWP	S108395728		N. SIDE RECOVERY RD 1/4 MILE F		NJ Release

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 10/14/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/31/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/31/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Known Contaminated Sites in New Jersey

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: 06/30/2016
Date Data Arrived at EDR: 07/01/2016
Date Made Active in Reports: 09/07/2016
Number of Days to Update: 68

Source: New Jersey Department of Environmental Protection
Telephone: 609-292-8761
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

HWS RE-EVAL: Site Re-Evaluation Report

The locations were removed from the Known Contaminated Sites list for a variety of reasons. Some of the sites were taken off the list because they were inactive, some were not assigned a case worker and some were no longer contaminated. Inspectors from the DEP are now undertaking a full re-evaluation of each of the locations statewide. That includes visual and environmental tests to see whether contamination still exists.

Date of Government Version: 09/20/2007
Date Data Arrived at EDR: 10/12/2007
Date Made Active in Reports: 12/03/2007
Number of Days to Update: 52

Source: Department of Environmental Protection
Telephone: 609-984-3081
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: No Update Planned

HIST HWS: Known Contaminated Sites Listing

The Known Contaminated Sites in New Jersey report is a municipal listing of sites where contamination of soil and/or ground water is confirmed at levels greater than the applicable cleanup criteria or standards. Remedial activities are underway or required at the sites with an on-site source(s) of contamination and at locations where the source(s) of contamination is unknown. Sites with completed remedial work that require engineering and/or institutional controls have reporting measures in place to ensure the effectiveness of past actions, and some include maintenance and/or monitoring

Date of Government Version: 05/09/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 12

Source: Department of Environmental Protection
Telephone: 209-292-2943
Last EDR Contact: 03/16/2009
Next Scheduled EDR Contact: 06/15/2009
Data Release Frequency: No Update Planned

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Solid Waste Facility Directory

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: 06/30/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/03/2016	Telephone: 609-984-6741
Date Made Active in Reports: 09/07/2016	Last EDR Contact: 08/03/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/14/2016
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: UST Active Remediation Sites Listing

A listing of regulated Underground Storage Tanks that have a cleanup underway.

Date of Government Version: 05/24/2016	Source: New Jersey Department of Environmental Protection
Date Data Arrived at EDR: 05/25/2016	Telephone: 609-292-8761
Date Made Active in Reports: 09/07/2016	Last EDR Contact: 08/23/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 07/29/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/26/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 112	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 118	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

HIST LUST: Historical Leaking USTs

This listing is no longer updated or maintained by the DEP.

Date of Government Version: 09/17/2002	Source: Department of Environment Protection
Date Data Arrived at EDR: 01/27/2006	Telephone: 609-292-8761
Date Made Active in Reports: 02/08/2006	Last EDR Contact: 12/17/2007
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/11/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Varies

UST: Underground Storage Tank Data

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 06/28/2016
Date Made Active in Reports: 09/07/2016
Number of Days to Update: 71

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Varies

MAJOR FACILITIES: List of Major Facilities

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 for hazardous substances of all kinds.

Date of Government Version: 05/04/2016
Date Data Arrived at EDR: 05/10/2016
Date Made Active in Reports: 06/16/2016
Number of Days to Update: 37

Source: Department of Environmental Protection
Telephone: 609-292-1690
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 07/29/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/27/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Declaration Environmental Restriction/Deed Notice Sites

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

Date of Government Version: 03/14/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/15/2016	Telephone: 609-341-3121
Date Made Active in Reports: 06/16/2016	Last EDR Contact: 08/22/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Varies

INST CONTROL: Classification Exception Area Sites

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: 05/05/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/08/2016	Telephone: 609-341-3121
Date Made Active in Reports: 09/07/2016	Last EDR Contact: 08/22/2016
Number of Days to Update: 61	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

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: 04/06/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/15/2016	Telephone: 609-341-3121
Date Made Active in Reports: 06/16/2016	Last EDR Contact: 09/30/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

PF: Publicly Funded Cleanups Site Status Report

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: 12/31/2003	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/25/2005	Telephone: 609-292-9418
Date Made Active in Reports: 05/06/2005	Last EDR Contact: 10/24/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Database

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: 07/25/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/26/2016	Telephone: 609-292-1251
Date Made Active in Reports: 09/07/2016	Last EDR Contact: 10/24/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/21/2016
Date Data Arrived at EDR: 06/22/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/21/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

NON OP LF: Non-Operating Landfills

The landfills described in this document are non-operating and historic landfills identified by, or reported to, the Department. Working with local and regional environmental agencies, community representatives, and through review of historic materials the Site Remediation Program is developing this inventory to prevent injury to human and ecological resources.

Date of Government Version: 06/26/2008
Date Data Arrived at EDR: 09/30/2010
Date Made Active in Reports: 10/15/2010
Number of Days to Update: 15

Source: Department of Environmental Protection
Telephone: 609-984-6650
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Varies

SWRCY: Approved Class B Recycling Facilities

"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: 11/02/2015
Date Data Arrived at EDR: 11/08/2015
Date Made Active in Reports: 12/16/2015
Number of Days to Update: 38

Source: Department of Environmental Protection
Telephone: 609-984-6650
Last EDR Contact: 08/05/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

HIST LF: Solid Waste Facility Directory

Old or non-permitted solid waste facilities/landfills that are not included in the current solid waste facilities/landfills database.

Date of Government Version: 06/10/2003
Date Data Arrived at EDR: 02/19/2004
Date Made Active in Reports: 03/09/2004
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: 609-984-6880
Last EDR Contact: 02/19/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/05/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009

Source: EPA, Region 9

Date Data Arrived at EDR: 05/07/2009

Telephone: 415-947-4219

Date Made Active in Reports: 09/21/2009

Last EDR Contact: 10/24/2016

Number of Days to Update: 137

Next Scheduled EDR Contact: 02/06/2017

Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

NJEMS: New Jersey Environmental Management System

NJEMS Sites are points representing sites regulated by NJDEP under one or more regulatory permitting or enforcement programs, or sites that are otherwise of some interest to a NJDEP program. Program interests included in NJEMS are: Air, Communications Center, Discharge Prevention, Exams and Licensing, Fish Game and Wildlife, Green Acres, Hazardous Waste, Lab Certification, Land Use, Landscape Irrigation, Parks and Forestry, Pesticides, Pinelands, Planning, Radiation, Right-to-Know, Site Remediation, Soil Conservation, Solid Waste, TCPA, Water Quality, Water Supply, and Watershed Management.

Date of Government Version: 07/16/2016

Source: Department of Environmental Protection

Date Data Arrived at EDR: 07/25/2016

Telephone: 609-633-1208

Date Made Active in Reports: 09/07/2016

Last EDR Contact: 08/22/2016

Number of Days to Update: 44

Next Scheduled EDR Contact: 12/05/2016

Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016

Source: Drug Enforcement Administration

Date Data Arrived at EDR: 09/06/2016

Telephone: 202-307-1000

Date Made Active in Reports: 09/23/2016

Last EDR Contact: 08/31/2016

Number of Days to Update: 17

Next Scheduled EDR Contact: 10/10/2016

Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016

Source: Drug Enforcement Administration

Date Data Arrived at EDR: 09/06/2016

Telephone: 202-307-1000

Date Made Active in Reports: 09/23/2016

Last EDR Contact: 08/31/2016

Number of Days to Update: 17

Next Scheduled EDR Contact: 12/12/2016

Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental LIENS

A listing of properties with environmental liens. The listing includes sites from the Site Remediation & Waste Management Program Sites where the Department has placed either a 1st Priority or Regular Spill Fund Lien against. 1st Priority Type Lien - a lien placed against the property where the discharge occurred providing that the owners of the property have some responsibility towards the discharge. First Priority Lien is superior to other types of liens. Non-Priority (Regular) Type Lien - a lien placed against the Responsible Party & their revenues and all real and personal property, other than the real property comprising the location of the discharge.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/05/2016
Date Data Arrived at EDR: 07/13/2016
Date Made Active in Reports: 09/07/2016
Number of Days to Update: 56

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/29/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/27/2016
Date Data Arrived at EDR: 06/28/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 87

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

NJ Spills: Spills

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.

Date of Government Version: 05/18/2016
Date Data Arrived at EDR: 06/28/2016
Date Made Active in Reports: 09/07/2016
Number of Days to Update: 71

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Annually

NJ Release: Hazardous Material Incident Database

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: 05/18/2016
Date Data Arrived at EDR: 06/28/2016
Date Made Active in Reports: 09/07/2016
Number of Days to Update: 71

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 09/02/1997	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 09/09/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/20/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 07/12/2016
Date Data Arrived at EDR: 08/17/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 09/06/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/23/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/26/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 99

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/12/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Quarterly

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 09/05/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/09/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/29/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/20/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/01/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 09/02/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/02/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/20/2015	Source: EPA
Date Data Arrived at EDR: 09/09/2015	Telephone: (212) 637-3000
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 09/07/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 10/17/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/24/2016
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

AIRS: Emissions Inventory Listing

An emission inventory is an estimate of air pollutant emissions in a given area. Emission inventories are fundamental building blocks used to develop air quality control strategies on a local, regional and national level. Emission inventories are also used to estimate the progress of an air quality program.

Date of Government Version: 12/31/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/07/2015	Telephone: 609-984-5483
Date Made Active in Reports: 09/15/2015	Last EDR Contact: 07/29/2016
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/14/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHROME: Chromate Chemical Production Waste Sites Known chromate chemical production waste sites.

Date of Government Version: 09/17/2009	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/23/2009	Telephone: 609-984-4071
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 08/05/2016
Number of Days to Update: 23	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Varies

COAL ASH: Coal Ash Listing

Coal combustion survey ash listing.

Date of Government Version: 05/10/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/12/2010	Telephone: 609-984-6985
Date Made Active in Reports: 06/28/2010	Last EDR Contact: 07/29/2016
Number of Days to Update: 47	Next Scheduled EDR Contact: 11/14/2016
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 06/06/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/07/2016	Telephone: 609-292-2795
Date Made Active in Reports: 09/07/2016	Last EDR Contact: 08/05/2016
Number of Days to Update: 92	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

Financial Assurance information.

Date of Government Version: 06/07/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/08/2016	Telephone: 609-341-3121
Date Made Active in Reports: 09/07/2016	Last EDR Contact: 08/22/2016
Number of Days to Update: 61	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Semi-Annually

GW CONTAM AREAS: Groundwater Contamination Areas

This data identifies those sites where groundwater contamination has been identified and, where appropriate, the NJDEP has established a Classification Exception Area (CEA). CEAs are institutional controls in geographically defined areas within which the New Jersey Ground Water Quality Standards (NJGWQS) for specific contaminants have been exceeded. When a CEA is designated for an area, the constituent standards and designated aquifer uses are suspended for the term of the CEA. This data layer contains information about areas in the state which are specified as the Currently Known Extent (CKE) of ground water pollution. CKE areas are geographically defined areas within which the local ground water resources are known to be compromised because the water quality exceeds drinking water and ground water quality standards for specific contaminants.

Date of Government Version: 05/13/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/21/2016	Telephone: 609-777-0672
Date Made Active in Reports: 09/07/2016	Last EDR Contact: 06/21/2016
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/03/2016
	Data Release Frequency: Varies

HIST MAJOR FACILITIES: List of Major Facilities

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 for hazardous substances of all kinds.

This file contains detail information that is no longer available by the Department of Environmental Protection due to security concerns.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/2002
Date Data Arrived at EDR: 01/11/2006
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 0

Source: Department of Environmental Protection
Telephone: 609-633-7476
Last EDR Contact: 02/02/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: No Update Planned

ISRA: ISRA Database

The ISRA process begins with determining if the Act applies to your type of business and transaction. The provisions of ISRA only apply to industrial establishments. What is an industrial establishment? The term "industrial establishment" refers to the type of business operations and transactions that would subject a facility to review under ISRA.

An industrial establishment must meet each of the following three criteria: The place of business or real property at which such business is conducted, having a North American Industry Classification System (NAICS) code listed in N.J.A.C. 7:26 B - Appendix C subject to the specified exceptions and limitations. The place of business must have been engaged in operations on or after December 31, 1983; and The place of business must involve the generation, manufacture, refining, transportation, treatment, storage, handling, or disposal of hazardous substances or hazardous wastes.

Date of Government Version: 03/23/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/16/2016
Number of Days to Update: 48

Source: Department of Environmental Protection
Telephone: 609-984-3081
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

NJPDES: New Jersey Pollutant Discharge Elimination System Dischargers

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

Date of Government Version: 05/17/2016
Date Data Arrived at EDR: 05/19/2016
Date Made Active in Reports: 09/07/2016
Number of Days to Update: 111

Source: Department of Environmental Protection
Telephone: 609-984-4428
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/09/2009
Date Data Arrived at EDR: 02/25/2009
Date Made Active in Reports: 03/11/2009
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 609-292-0407
Last EDR Contact: 07/29/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/20/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016	Source: Department of Interior
Date Data Arrived at EDR: 06/13/2016	Telephone: 202-208-2609
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/12/2016
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016	Source: EPA
Date Data Arrived at EDR: 08/23/2016	Telephone: 800-385-6164
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 08/23/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: N/A	Source: New Jersey Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: N/A	Source: New Jersey Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: N/A	Source: New Jersey Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/20/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/24/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 50

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by 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.

Electric Power Transmission Line Data

Source: PennWell Corporation

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Center Listings

Source: Department of Human Services

Telephone: 609-292-1018

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 609-984-2243

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SOUTHERN OCEAN CENTER
1361 ROUTE 72 WEST
MANAHAWKIN, NJ 08050

TARGET PROPERTY COORDINATES

Latitude (North):	39.72538 - 39° 43' 31.37"
Longitude (West):	74.291277 - 74° 17' 28.60"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	560739.9
UTM Y (Meters):	4397308.5
State Plane X (Feet):	550829.2
State Plane Y (Feet):	324955.7
Elevation:	60 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6035587 WEST CREEK, NJ
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

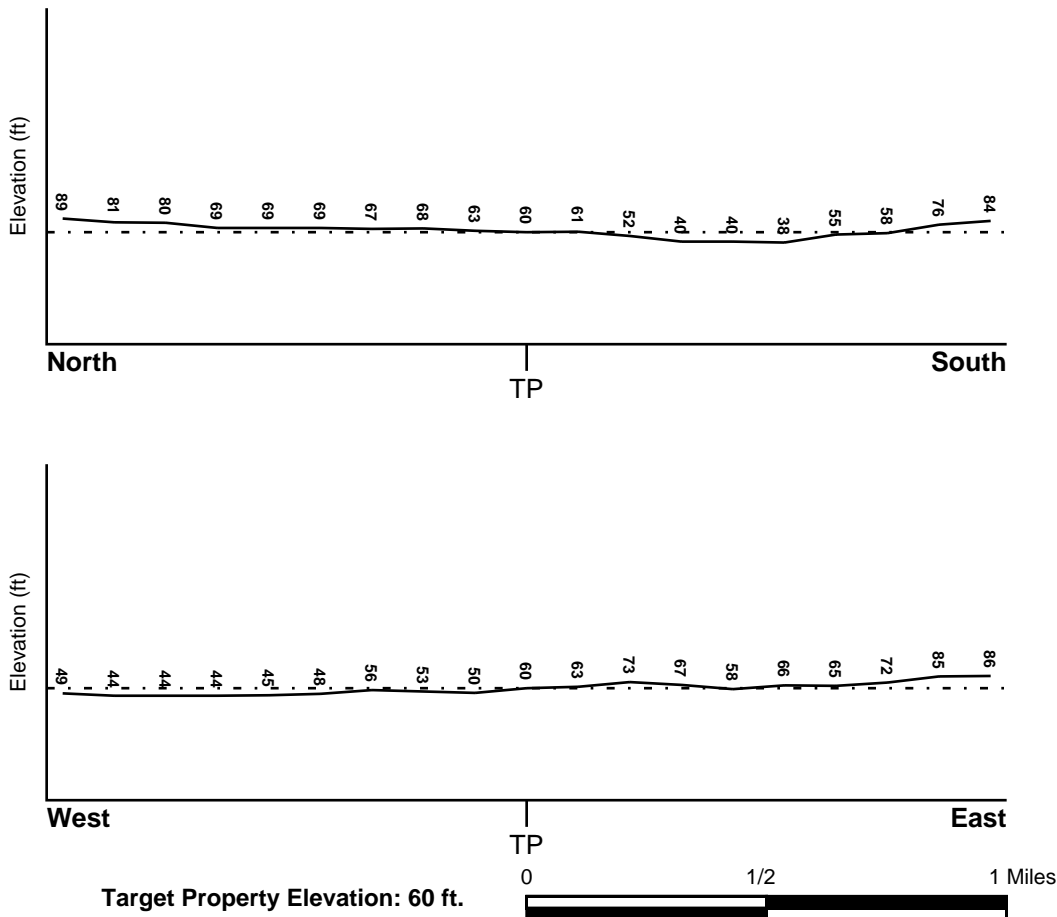
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
34029C0485F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
WEST CREEK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

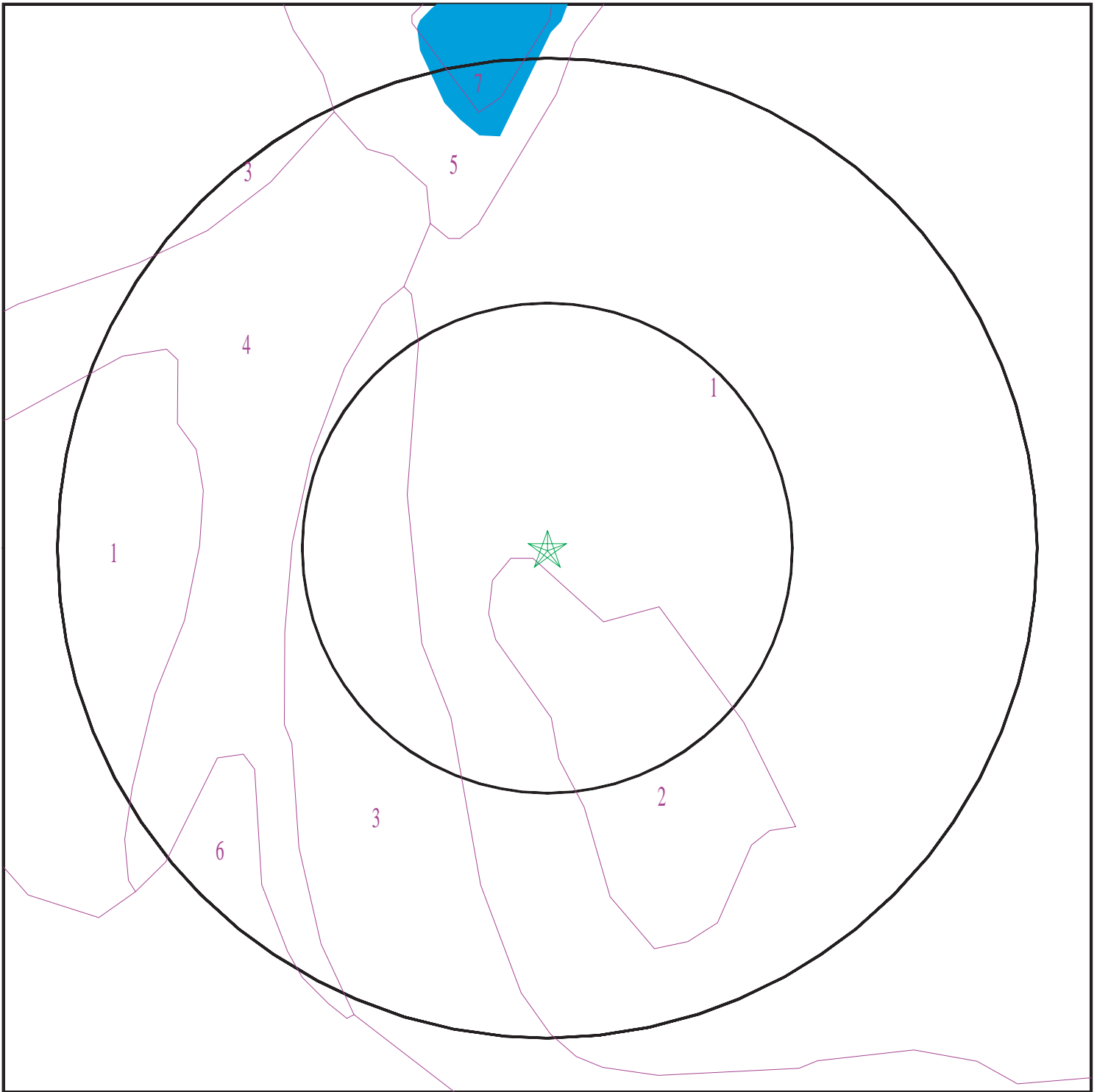
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm (<i>decoded above as Era, System & Series</i>)

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).

SSURGO SOIL MAP - 4765764.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Southern Ocean Center
ADDRESS: 1361 Route 72 West
Manahawkin NJ 08050
LAT/LONG: 39.72538 / 74.291277

CLIENT: Partner Engineering and Science, Inc.
CONTACT: Stephanie Ferguson
INQUIRY #: 4765764.2s
DATE: October 28, 2016 7:40 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Downer

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 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: 42.34 Min: 4.23	Max: 7 Min: 3.6
2	9 inches	16 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: 42.34 Min: 4.23	Max: 6.5 Min: 3.6
3	16 inches	35 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, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	35 inches	48 inches	loamy sand	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: 141.14 Min: 14.11	Max: 5.5 Min: 3.6
5	48 inches	79 inches	stratified sand to 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: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

Soil Map ID: 2

Soil Component Name: Pits, sand and gravel

Soil Surface Texture: very gravelly sand

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	59 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 4.5

Soil Map ID: 3

Soil Component Name: Downer

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	16 inches	35 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, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	35 inches	48 inches	loamy sand	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: 141.14 Min: 14.11	Max: 5.5 Min: 3.6
3	0 inches	9 inches	loamy sand	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: 141.14 Min: 42.34	Max: 7 Min: 3.6
4	9 inches	16 inches	loamy sand	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: 141.14 Min: 42.34	Max: 6.5 Min: 3.6
5	48 inches	79 inches	stratified sand to 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: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

Soil Map ID: 4

Soil Component Name: Atsion

Soil Surface Texture: peat

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 5 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	peat	A-8	Highly organic soils, Peat.	Max: 141 Min: 42	Max: 4.3 Min: 3.6
2	1 inches	3 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
3	3 inches	25 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
4	33 inches	46 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
5	25 inches	33 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
6	46 inches	51 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
7	51 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 4.5

Soil Map ID: 5

Soil Component Name: Psammments

Soil Surface Texture: fine sand

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

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	29 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6
3	29 inches	72 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 5 Min: 3.6

Soil Map ID: 6

Soil Component Name: Manahawkin

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	46 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	0 inches	12 inches	muck	A-8	Highly organic soils, Peat.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 3.6
3	12 inches	25 inches	muck	A-8	Highly organic soils, Peat.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 3.6
4	25 inches	46 inches	muck	A-8	Highly organic soils, Peat.	Max: 141.14 Min: 42.34	Max: 5.5 Min: 3.6

Soil Map ID: 7

Soil Component Name: Water

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000811832	1/2 - 1 Mile SE
3	USGS40000811923	1/2 - 1 Mile NNW
4	USGS40000811761	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

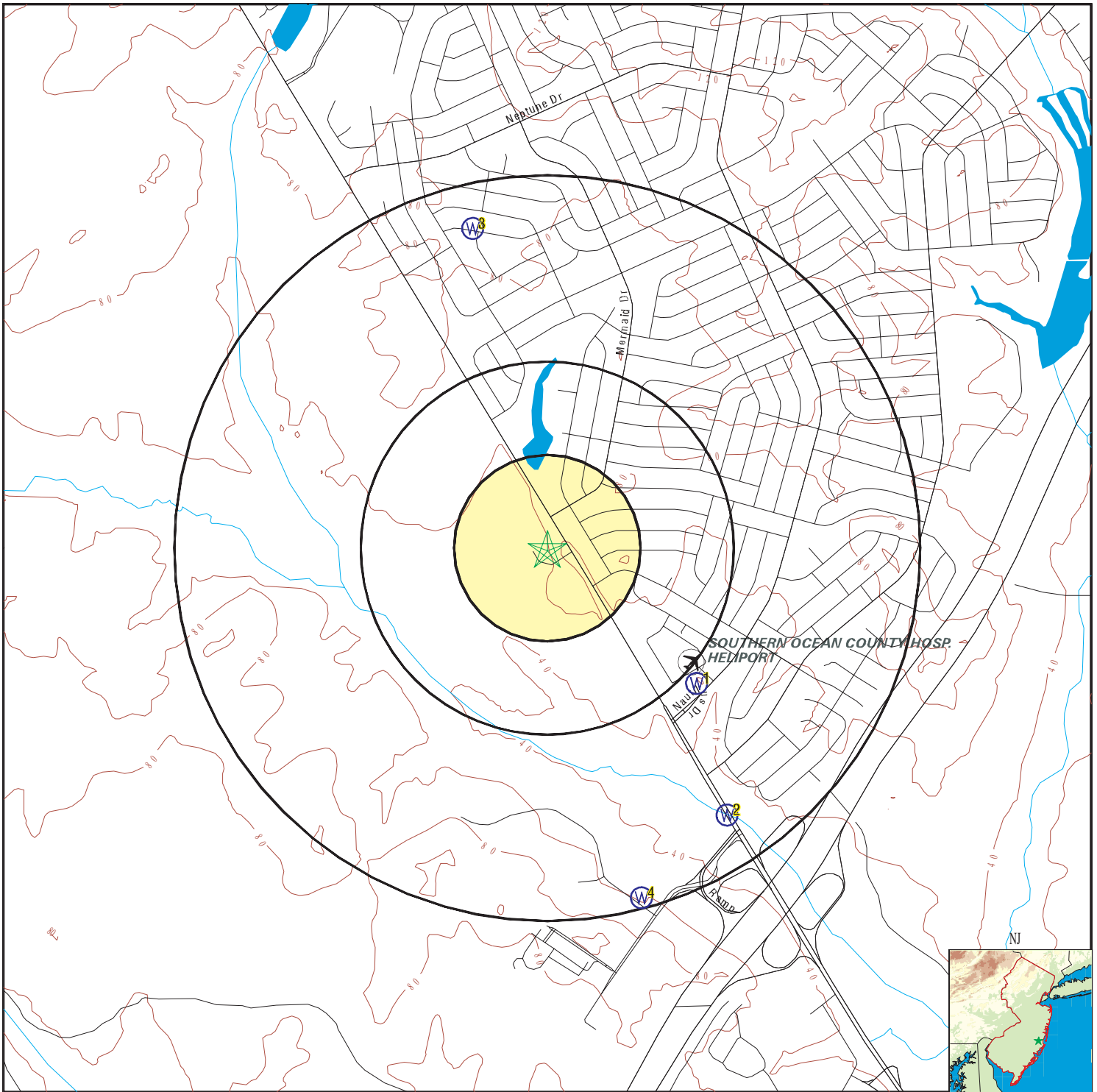
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		









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





STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	NJMST1000001497	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 4765764.2s



-  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

SITE NAME: Southern Ocean Center
 ADDRESS: 1361 Route 72 West
 Manahawkin NJ 08050
 LAT/LONG: 39.72538 / 74.291277

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Stephanie Ferguson
 INQUIRY #: 4765764.2s
 DATE: October 28, 2016 7:40 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
SE
1/2 - 1 Mile
Higher **FED USGS** **USGS40000811832**

Org. Identifier:	USGS-NJ		
Formal name:	USGS New Jersey Water Science Center		
Monloc Identifier:	USGS-394312074170301		
Monloc name:	291656-- Hospital		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040301	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.7201194
Longitude:	-74.2837537	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	minutes
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Cohansey Sand-Kirkwood Formation		
Aquifer type:	Unconfined single aquifer		
Construction date:	Not Reported	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
SE
1/2 - 1 Mile
Lower **NJ WELLS** **NJMST1000001497**

Id:	1859		
Tsmstat i:	7800		
Org id:	21NJDEP1	Station:	01409150
Station na:	MILL C NR MANAHAWKIN NJ		
Primary ty:	River/Stream		
Secondary :	None		
Latitude:	39.715		
Longitude:	-74.28222		
State:	NEW JERSEY	County:	OCEAN
Huc code:	Not Reported		
Huc name:	Not Reported		
Rf1 seg:	Not Reported		
Rf1 miles:	0		
On reach:	N	Rf1 name:	Not Reported
Nrcs id:	Not Reported	Nal id:	Not Reported
Nal name:	Not Reported	Site id:	NJMST1000001497

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

3
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000811923

Org. Identifier:	USGS-NJ		
Formal name:	USGS New Jersey Water Science Center		
Monloc Identifier:	USGS-394415074174301		
Monloc name:	291275-- Suscp03 Dom		
Monloc type:	Well		
Monloc desc:	NAWQA DATA ENTRY COM.&VER. 03/28/2001 KAUFFMAN LJ		
Huc code:	02040301	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.7378056
Longitude:	-74.2950278	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	92
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Cohansey Sand-Kirkwood Formation		
Aquifer type:	Unconfined single aquifer		
Construction date:	19930826	Welldepth:	127
Welldepth units:	ft	Wellholedepth:	127
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

4
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000811761

Org. Identifier:	USGS-NJ		
Formal name:	USGS New Jersey Water Science Center		
Monloc Identifier:	USGS-394242074171301		
Monloc name:	290644-- Inspection Sta		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040301	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.711786
Longitude:	-74.2865316	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	70.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Cohansey Sand-Kirkwood Formation		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Unconfined single aquifer	Welldepth:	78.8
Construction date:	19710821	Wellholedepth:	81
Welldepth units:	ft		
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NJ Radon

Radon Test Results

City	Num Tests	# > 4 pCi/L	% > pCi/L
BARNEGAT LIGHT BORO	17	0	0.000
BARNEGAT TWP	65	0	0.000
BAY HEAD BORO	35	0	0.000
BEACH HAVEN BORO	14	0	0.000
BEACHWOOD BORO	98	3	3.000
BERKELEY TWP	210	8	4.000
BRICK TWP	1496	16	1.000
DOVER TWP	919	35	4.000
EAGLESWOOD TWP	6	0	0.000
HARVEY CEDARS BORO	6	0	0.000
ISLAND HEIGHTS BORO	24	1	4.000
JACKSON TWP	1836	47	3.000
LACEY TWP	171	4	2.000
LAKEHURST BORO	89	1	1.000
LAKEWOOD TWP	614	11	2.000
LAVALLETTE BORO	62	1	2.000
LITTLE EGG HARBOUR T	44	2	5.000
LONG BEACH TWP	43	0	0.000
MANCHESTER TWP	297	7	2.000
MANTOLOKING BORO	47	1	2.000
OCEAN GATE BORO	19	0	0.000
OCEAN TWP	70	2	3.000
PINE BEACH BORO	29	0	0.000
PLUMSTED TWP	277	12	4.000
POINT PLEASANT BEACH	72	1	1.000
POINT PLEASANT BORO	348	3	1.000
SEASIDE HEIGHTS BORO	32	0	0.000
SEASIDE PARK BORO	58	2	3.000
SHIP BOTTOM BORO	9	0	0.000
SOUTH TOMS RIVER BOR	13	0	0.000
STAFFORD TWP	131	1	1.000
SURF CITY BORO	6	0	0.000
TUCKERTON BORO	24	0	0.000

Federal EPA Radon Zone for OCEAN County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for OCEAN COUNTY, NJ

Number of sites tested: 83

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.510 pCi/L	100%	0%	0%
Basement	0.900 pCi/L	98%	2%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 609-984-2243

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

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.

OTHER STATE DATABASE INFORMATION

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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX D: QUALIFICATIONS/INSURANCE

Education

B.A. in Environmental Studies, University of Maryland Baltimore County

Registrations

AHERA Asbestos Building Inspector

Training

Trained and previously registered in the following:

Lead-based Paint Risk Assessor- District of Columbia; Pennsylvania; Virginia

Asbestos Inspector License in Connecticut and Virginia

NEHA Radon Certification

Radon Measurement Technician for Florida

HUD MAP Training

Highlights

6 years of experience in the environmental and engineering industry

5 years of experience performing due diligence assessments

2 years performing lead-based paint hazard assessments

Experience Summary

Jonathan Watson is a Project Scientist and is essential in a variety of property types and the needs and requirements of varied number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats, including HUD MAP, OHP Lean, Fannie Mae and Freddie Mac. Specifically, Mr. Watson has performed Phase I Environmental Site Assessments, Environmental Transaction Screens, Asbestos Surveys, Lead-based Paint Surveys, Radon Studies and Mold Assessments.

Mr. Watson's relevant project experience in the due diligence services has generally been in the form of project scientist with duties including onsite research, preparing documentation to send to the state and local regulatory agencies to obtain environmentally significant documents regarding tank removal and subsurface investigations. Mr. Watson has been a valuable asset in the development of HUD research team and all corresponding HUD investigations. Additionally, Mr. Watson's experience in industrial hygiene helps bolster HUD, Fannie Mae and Freddie Mac reports that require strict non-ASTM scopes to be performed.

Mr. Watson has worked on numerous sites occupied by machine shops, auto repair facilities, and manufacturing, dry-cleaning facility, commercial and residential facilities. Mr. Watson's experience in research, industrial hygiene and high degree of detail is a proven asset in identifying potential environmental hazards.

Project Experience

Mr. Watson has five years of experience performing due diligence assessments for a variety of property types including multi-family residences, commercial office buildings, retail shopping centers, machine shops, auto repair facilities, construction site and healthcare facilities.

Jonathan Watson

Multi-family Cooperative; Flushing, NY. Mr. Watson performed HUD Phase I Environmental Assessments for the historic Electchester Housing Companies. The Electchester companies were provided \$49 million for the project through an 18-month direct loan consisting of separate loans to each of the five housing cooperatives that make up Electchester community. The loans allowed Electchester to refinance its existing above-market financing, which provided a significant savings, and to begin critical repairs on the aging buildings that will also reduce operating costs by making the housing more energy-efficient.

Auto Sales Lot; Woodbridge, VA. Mr. Watson performed a Phase I Environmental Assessment for a full auto sales lot retail auto sales and auto service. Onsite operations consist of the sale of automobiles and auto service consisting of fluids service (i.e. auto oil, automatic transmission fluid, and antifreeze), as well as brakes and tires service. The property consists of one one-story building, including a showroom, offices, and an auto service garage.

Multi-family; Blythe, CA. Mr. Watson performed a Fannie Mae Phase I Environmental Assessment for a 6.654 acre and 9,401 square-foot skilled nursing facility.

Healthcare; Blythe, CA. Mr. Watson performed a HUD Phase I Environmental Assessment for a twelve building 6.11 acre and 234,085 square-foot property.

Professional office buildings in Alexandria, VA. Mr. Watson performed a Phase I Environmental Assessment for 8-story professional office structure with attached multi-level parking garages

Self-storage facility, Baltimore, MD. Mr. Watson performed a Phase I Environmental Assessment for a self-storage facility with 890 storage units

Shopping Center; Harrisonburg, VA. Mr. Watson performed a Phase I Environmental Assessment for a commercial shopping center with 203,007 square feet (SF) of rentable space on 19.79 acres of land.

Auto Sales Lot; Woodbridge, VA. Mr. Watson performed a Phase I Environmental Assessment for a full auto sales lot retail auto sales and auto service. Onsite operations consist of the sale of automobiles and auto service consisting of fluids service (i.e. auto oil, automatic transmission fluid, and antifreeze), as well as brakes and tires service. The property consists of one one-story building, including a showroom, offices, and an auto service garage.

Contact

jwatson@partneresi.com

Education

A.A., Business, International Academy of Design and Technology

Registrations

North Carolina AHERA Asbestos Inspector (License No. 12776)
Virginia AHERA Asbestos Inspector (License No. 3303-003619)
Virginia Lead Inspector/Risk Assessor (License No. 3356-000969)
EPA Lead Inspector/Risk Assessor Certification
EPA/AHERA Asbestos Inspector Certification

Training

Multi-Family Accelerated Processing (MAP) Training – Baltimore
Fair Housing Act Accessibility Training – Phillip Zook (2-Day Training)
RMD LPA-1 XRF Lead Paint Detection Device Operator Training/Radiation Safety Training
Screening for Potential Vapor Intrusion Problems under the ASTM E 2600 Standard – Training by Anthony J. Buonicore, P.E., BCEE, QEP – November 2009

Highlights

10 years of experience performing environmental due diligence assessments
Experience with Phase I Environmental Site Assessment (E1527-13), Housing and Urban Development (HUD) Multi-Family Accelerated Processing (MAP) and LEAN Guidelines, Fannie Mae, Freddie Mac, and various state tax credit protocols across the country
8+ years of experience performing, managing, and/or completing asbestos/lead/radon inspections
5+ years of conducting and reviewing noise assessments per HUD guidelines

Experience Summary

Ms. Bruno serves as a Project Manager for Partner Engineering and Science, Inc. (Partner), and has performed assessments on numerous commercial, multi-family and industrial facilities. Ms. Bruno is familiar with all standards of Due Diligence Property Assessments and the needs and requirements of a varied number of reporting standards, including the Phase I Environmental Site Assessment (E1527-13), Fannie Mae, Freddie Mac, Housing and Urban Development (HUD) Multi-Family Accelerated Processing (MAP) and LEAN Guidelines, customized client formats or scopes, along with regulatory compliance audits, HUD noise assessments, asbestos surveys, radon, lead-based paint, indoor air quality studies, and Operations & Maintenance Plans. .

Ms. Bruno was also an Environmental Project Manager/Hazardous Materials Manager for an environmental/engineering firm where she was an integral member of the team. She performed and managed 300+ environmental assessment activities on various industrial, commercial, institutional and residential properties. Ms. Bruno has conducted consultation with various state, tribal, and/or federal agencies including the State Historic Preservation Offices (SHPOs) and the United States Fish and Wildlife Service (USFWS), as well as state environmental agency FOIA requests. Additionally, Ms. Bruno managed the hazardous materials section of her previous firm which consisted of preparation, completion, and training in comprehensive asbestos surveys, lead-based paint inspections, lead-based paint risk assessments, Operations & Maintenance Plans, various regulations, and various state licensing protocols.

Ms. Bruno was also charged with researching, preparing, training, and completing revisions per HUD comments in relation to HUD noise assessments. Additionally, she has prepared applicable reports in formats prescribed by various fiduciary institutions and performed peer reviews on environmental site assessments completed by others.

Project Experience

HUD

Proposed 360-bed Hospital, Hopewell Township, New Jersey. Managed the completion of the Phase I Environmental Site Assessment per HUD guidelines. The assessment was complicated due to the presence of wetland areas, a petroleum pipeline easement, several monitoring wells located throughout the subject property, and an adjacent railroad track.

Fuld Campus Hospital, Trenton, New Jersey. Managed the completion of the Phase I Environmental Site Assessment per HUD guidelines. The assessment was complicated due to the presence of monitoring wells and historical tenants that included a tile production machinery shop, former railroad tracks, and dry cleaning facilities. Extensive reviews of subsurface investigation reports were conducted to evaluate the potential for the presence of residual and/or unknown contamination. During the report reviews, several large leaking USTs related to the previous railroad usage was discovered to still be located below one of the parking lots of the subject property.

Atrium Lofts at Cold Storage IV and VI, Richmond, Virginia. Managed the completion of the Phase I Environmental Site Assessment per HUD MAP guidelines, as well as the confirmatory asbestos sampling, lead based paint inspection, and lead-based paint risk assessment. The assessment was complicated due to the former presence of railroad tracks for industrial purposes and presence of a now closed off underground train tunnel which collapsed in the 1920's.

Former Lorton Prison, Lorton, Virginia. Involved in the investigation for the completion of the Phase I Environmental Site Assessment per HUD guidelines. Managed and prepared the comprehensive asbestos survey per NESHAP regulations prior to demolition/substantial rehabilitation of the on-site structures. The property consisted of a former prison that has been vacant for 15+ years with various building types and building materials and an underground steam tunnel which supplied heat for all buildings from the central boiler building which was investigated by Ms. Bruno.

Freddie Mac

Managed the completion of the Phase I ESAs per Freddie Mac protocols for the following projects:

4000 Massachusetts Apartments, Washington, D.C.

Dockside Apartments, Norfolk, Virginia

North Park Apartments, Evansville, Indiana

Fannie Mae

Managed the completion of the Phase I ESAs per Freddie Mac protocols for the following projects:

Pebble Creek II, III, and IV, Roanoke, Virginia

Preston Square Apartments, Charlottesville, Virginia

Contact

mbruno@partneresi.com

Education

Studies in Marine Biology, University of North Carolina at Wilmington
A. A. S. Marine Technology, Cape Fear Community College

Registrations

North Carolina AHERA Asbestos Inspector (License No. 11563)
South Carolina AHERA Asbestos Inspector (License No. 22418)
Confined Space Entry Certification
Wetland Determination/Stream Identification/Hydric Soils Identification Certification
South Carolina Lead Inspector/Risk Assessor Certification
40-Hour OSHA Training and 8-Hour Annual Refreshers
HUD - Multifamily Property Inspection Certification
National Radon Proficiency Program (NRPP) Residential Measurement Provider Certification

Training

EPA/AHERA - Asbestos in Buildings: Inspection and Assessment
OSHA (Occupational Safety and Health Administration) – 40 hour HAZWOPER

Highlights

Mr. Crews serves as a Senior Project Manager for Partner Engineering and Science, Inc. (Partner), and has performed assessments on numerous commercial, multi-family and industrial facilities. Ms. Crews is familiar with all standards of Due Diligence Property Assessments and the needs and requirements of a varied number of reporting standards, including the Phase I Environmental Site Assessment (E1527-13), Fannie Mae, Freddie Mac, Housing and Urban Development (HUD) Multi-Family Accelerated Processing (MAP) and LEAN Guidelines, customized client formats or scopes, along with Phase II Subsurface Investigations, soil and groundwater remediation, regulatory compliance audits, asbestos surveys and indoor air quality studies.

Real estate investors, lenders, and real estate equity funds have come to rely on Ms. Crews' advice and judgment to assist them with their real estate business decisions. Prior to joining Partner, Ms. Crews was a Project Manager in charge of the various Phase I Environmental Site Assessments (ESAs) and Phase II subsurface investigations. In that capacity, she was responsible for all ESAs, subsurface work, report reviews, and client relations.

Additionally, Ms. Crews was also an Environmental Scientist/Project Manager for an environmental/engineering firm where she was an integral member of the team. She performed and managed environmental assessment activities on various industrial, commercial, institutional and residential properties such as air monitoring assessments; and, soil and groundwater investigations. She has also managed environmental planning and permit requirements associated with a variety of environmental assessments such as wetland determinations/delineations; comprehensive asbestos surveys and Operations & Maintenance Plans; and, Spill Prevention, Control & Countermeasure Plans. Additionally, she has prepared applicable reports in formats prescribed by various fiduciary institutions and performed peer reviews on environmental site assessments completed by others.

Experience Summary

Mixed-Use Complex, Yonkers, New York. Managed the completion of Phase I Environmental Site Assessment to Fannie Mae protocol, inclusive of an ongoing, extensive subsurface groundwater investigation due to the former presence of a former industrial facility, former gasoline service station and current dry cleaning facility.

Mixed-Use Complex, Milwaukee, Wisconsin. Managed the completion of Phase I Environmental Site Assessment to HUD MAP guidelines and radon measurement activities. The assessment was complicated due to the presence of historical tenants that included a foundry, manufacturing gas light facility and an oil warehouse facility.

Healthcare Facility, Dunkirk, New York. Managed the completion of Phase I Environmental Site Assessment on a healthcare facility, which led to the identification of a formerly closed underground storage tank (UST). Ms. Crews oversaw thorough local and regulatory research to identify that the tank was improperly closed, which led to an extensive and ongoing subsurface investigation. Ms. Crews also developed an Operations and Maintenance program for the management of asbestos-containing materials within the facility.

Gasoline service stations, various locations. Conducted, managed, and/or reviewed Phase I Environmental Site Assessments on operating and closed gasoline service stations throughout the continental United States. Conducted extensive reviews of subsurface investigations to evaluate the potential for the presence of residual contamination or undiscovered contamination to remain in place.

Affiliations

The American Association of Radon Scientists and Technologists (AARST)

Speaking

Prudential Mortgage Capital Company (PMCC), Consultant Conference, Charleston, South Carolina, 2015

Ms. Crews presented an overview of the proposed new DRAFT HUD MAP Guide, to include radon testing protocols and the capital needs assessment electronic tool (CAN e-Tool) to colleagues, and peers.

SunTrust Bank, Inc., Team Meeting, Webinar, Charlotte, North Carolina, 2015

Ms. Crews presented a webinar outlining radon guidelines to include testing, result interpretation and mitigation measures and alternatives.

Contact

acrews@partneresi.com



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/26/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0252636 Gallant Risk & Insurance Services, Inc. 4160 Temescal Canyon Rd., #402 Corona, CA 92883	CONTACT NAME: PHONE (A/C, No, Ext): (951) 368-0700	FAX (A/C, No): (951) 368-0707	
	E-MAIL ADDRESS:		
INSURER(S) AFFORDING COVERAGE		NAIC #	
INSURED Partner Assessment Corporation dba Partner Engineering & Science, Inc. 2154 Torrance Blvd., #200 Torrance, CA 90501	INSURER A : Starr Surplus Lines Insurance Company		13604
	INSURER B : Starr Indemnity & Liability Company		38318
	INSURER C : Underwriters at Lloyd's London		
	INSURER D :		
	INSURER E :		
INSURER F :			

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> \$50k deductible GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			1000065923161	09/27/2016	09/27/2017	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,000
							MED EXP (Any one person)	\$ 25,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			SISIPCA08346016	09/27/2016	09/27/2017	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			10000336718161	09/27/2016	09/27/2017	EACH OCCURRENCE	\$ 5,000,000
							AGGREGATE	\$ 5,000,000
								\$
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	1000002414	09/27/2016	09/27/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
C	Professional E&O			W199E1160201	09/27/2016	09/27/2017	Each Claim/Aggregate	1,000,000
A	Pollution Liability			1000065923161	09/27/2016	09/27/2017	Each Occ./Aggregate	1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Proof of Insurance

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

APPENDIX C
ASBESTOS LABORATORY ANALYTICAL RESULTS /
OPERATIONS & MAINTENANCE PLAN, IF APPLICABLE

NOT APPLICABLE FOR THIS REPORT
