

APPENDIX A
PHASE I ARCHAEOLOGICAL SURVEY
TENAFLY NATURE CENTER



NEW EDUCATION AND DISCOVERY CENTER
Borough of Tenaflly, Bergen County, New Jersey

HPO Project No.: 13-1475 HPO H2013-054

PREPARED FOR:

Croxton Collaborative Architects LLC
475 Fifth Avenue
New York, New York 10017

April 2014



CULTURAL
RESOURCE
CONSULTANTS

PHASE I ARCHAEOLOGICAL SURVEY TENAFLY NATURE CENTER

NEW EDUCATION AND DISCOVERY CENTER

Borough of Tenafly, Bergen County, New Jersey

HPO Project No.: 13-1475 HPO H2013-054

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April 28, 2014

EXECUTIVE SUMMARY

Richard Grubb & Associates completed a Phase I archaeological survey in the Area of Potential Effects (APE) for the proposed new education and discovery center at the Tenaflly Nature Center, on a portion of Block 2702, Lot 1, and also for improvements to approximately 1,400 linear feet of East Clinton Avenue proximate to the new education and discovery center all located in the Borough of Tenaflly, Bergen County, New Jersey.

Purchase of the Tenaflly Nature Center lands, including Block 2702, Lot 1, was funded in part by a grant issued by the United States Forest Service, Land & Water Conservation Fund (LWCF). In accordance with the LWCF Act of 1965 (16 USC 460), the project is considered a “Significant Change of Use”. Since Federal funds were used to acquire the property, the project constitutes a federal undertaking and must comply with Section 106 of the National Historic Preservation Act (36 CFR Part 800: Protection of Historic Properties). Section 106 requires federal agencies to take into account the effects of their undertakings on historic properties.

Background research indicated that no prehistoric archaeological sites are located within one mile of the APE. Due to the undisturbed upland setting proximate to an unnamed tributary of Green Brook, the APE was considered to have high sensitivity for prehistoric archaeological resources. The APE was undeveloped historically, and therefore, was considered to have low sensitivity for the potential to contain historic archaeological resources.

Archaeological fieldwork consisted of a visual inspection, photo documentation, and the excavation of 86 shovel test pits within the APE. No archaeological resources were identified in the APE. No further archaeological survey is recommended.

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1.0 INTRODUCTION

This report presents the results of a Phase I archaeological survey within the Area of Potential Effects (APE) for a new education and discovery center at the Tenaflly Nature Center, on a portion of Block 2702, Lot 1, and also for improvements to approximately 1,400 linear feet of East Clinton Avenue proximate to the new education and discovery center all located in the Borough of Tenaflly, Bergen County, New Jersey (Figures 1.1-1.3). Ilene Grossman-Bailey, Ph.D., RPA served as Principal Investigator for archaeology. Dr. Grossman-Bailey meets the professional qualifications standards of 36 CFR 61 set forth by the National Park Service, and authored this report (Appendix A). Allison Gall conducted background research and Patricia McEachen produced report graphics. Mary Lynne Rainey and Richard C. Grubb served as report editors, and Cathy Reagan served as technical editor. Copies of this report and all field notes, photographs and project maps are on file at the Richard Grubb & Associates' (RGA) offices in Cranbury, New Jersey.

1.1 Regulatory Context

Purchase of the Tenaflly Nature Center lands, including Block 2702, Lot 1 was funded in part by a grant issued by the United States Forest Service (USFS), Land & Water Conservation Fund (LWCF). In accordance with the LWCF Act of 1965 (16 USC 460), the project is considered a "Significant Change of Use" (SCU). Because federal funds were used to acquire the property, the project constitutes a federal undertaking and must comply with Section 106 of the National Historic Preservation Act (36 CFR Part 800: Protection of Historic Properties). Section 106 requires federal agencies to take into account the effects of their undertakings on historic properties.

The scope of work for the project included background research, consultation with interested parties, archaeological fieldwork, and preparation of this report with management recommendations. The survey was completed by an archaeologist meeting the criteria laid out in 36CFR Part 61 (see Appendix A). In a Memorandum dated August 1, 2013, the New Jersey Historic Preservation Office (HPO) requested that a Phase I archaeological survey be completed due to the high sensitivity for the presence of Pre-Contact period Native American archaeological resources in the project area (see Appendix B). The HPO Memorandum indicated that the project falls within the viewshed of the Palisades Interstate Park (NHL: NR: 10/15/1966; SR: 1/12/1965) and the Palisades Interstate Parkway Historic District (NR: 8/2/1999; SR: 10/3/1999). The survey and reporting were conducted in accordance with the HPO requirements for such studies (HPO 1994, 1996, 2003).

1.2 Project Description

The proposed project includes the development of a new education and discovery center on a portion of Block 2702, Lot 1 in the Borough of Tenaflly, Bergen County. The new center will include a 160-foot by 75-foot structure and associated driveways, parking areas, fencing, grading, plantings, utilities, and stormwater infrastructure. In addition, an approximately 1,400 linear foot section of East Clinton Avenue will be improved and widened varying from 20 to 30 feet to the east, proximate to the location of the new center. The new center lies east of East Clinton Avenue and includes approximately three acres of undeveloped woods (see Figure 1.3).

1.3 Area of Potential Effects

The APE is defined in 36 CFR 800.16(d) as follows: "the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of

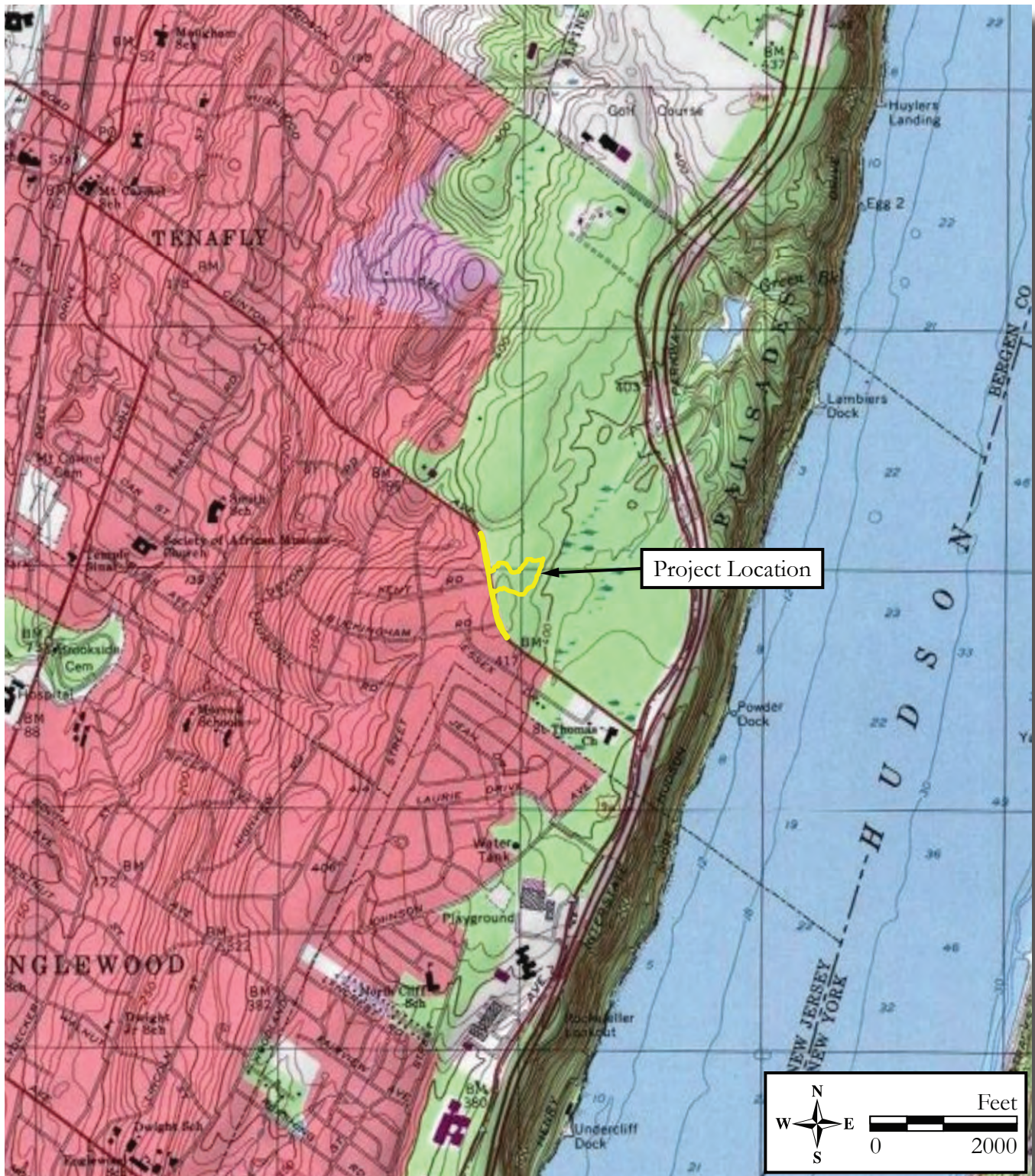
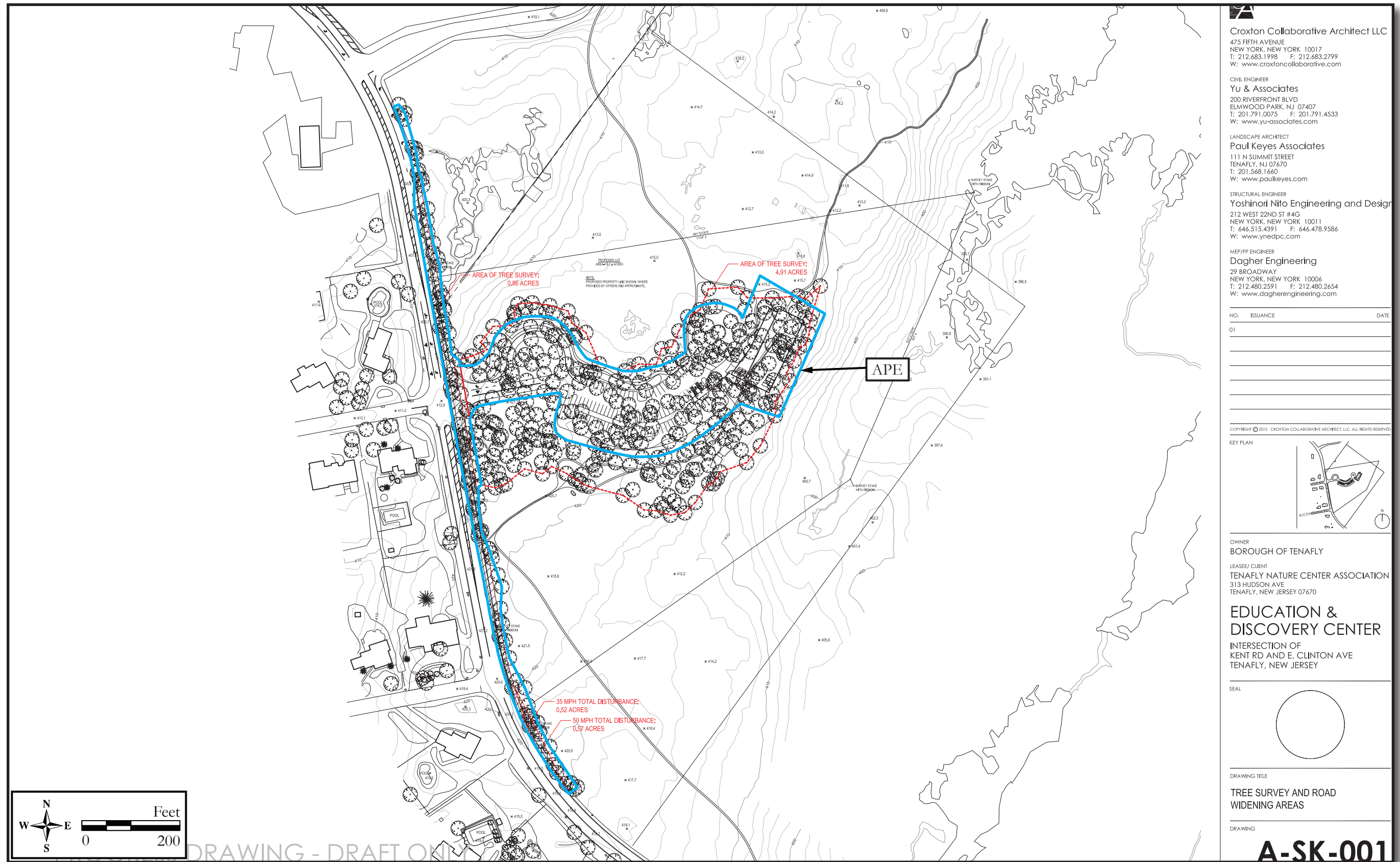


Figure 1.1: U.S.G.S. Map
(from 1995 U.S.G.S. 7.5' Quadrangle: Yonkers, NY-NJ).



Figure 1.2: County Map
(World Street Map, ESRI 2013).



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KEY PLAN

OWNER
BOROUGH OF TENAFLY

LEASEE/ CLIENT
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TENAFLY, NEW JERSEY 07670

EDUCATION & DISCOVERY CENTER
INTERSECTION OF
KENT RD AND E. CLINTON AVE
TENAFLY, NEW JERSEY

SEAL

DRAWING TITLE
**TREE SURVEY AND ROAD
WIDENING AREAS**

DRAWING
A-SK-001

historic properties, if any such properties exist. The APE is influenced by the scale and nature of an undertaking and may be different for different kinds of effects caused by the undertaking.”

The APE includes locations that may be impacted by construction or that may experience effects once construction is completed. For example, the APE includes all locations where a proposed project may result in disturbance of the ground and where the activity may result in changes in land use. Project effects can include physical destruction, demolition, damage, or the alteration of an historic resource. For the proposed project, the APE includes the areas that will be directly impacted by below-ground disturbances related to the roadway improvements, an area of approximately 0.5-acre, and construction of the new education and discovery center, including driveways, utilities, parking areas, fencing, grading, and planting, an area of approximately three acres (see Figure 1.3).

2.0 RESEARCH GOALS AND DESIGN

2.1 Research Goals

The goals of the Phase I archaeological survey were to identify archaeological resources within the uplands portions of the APE and to make recommendations for any further studies that may be required. The research design included background research and visual inspection of existing conditions within the APE. Documentary research was conducted prior to the field investigation to determine which locations could have been used during the prehistoric (i.e., Native American) or historic periods and to identify areas where intact archaeological remains, such as foundations, other structural elements, or Native American artifacts and activity areas may be present. A site reconnaissance was undertaken to document existing conditions and determine if the original landscape remained undisturbed. Archaeologically sensitive areas of the APE were systemically tested by shovel test pits (STPs) placed at 50-foot intervals. Determinations of significance are based on the National Register of Historic Places (NRHP) Criteria of Evaluation (36 CFR 60.6).

2.2 Regulatory Framework

The Phase I archaeological survey was conducted in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended, and the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (Federal Register, Volume 48, No. 190), and 36 CFR Part 800: Protection of Historic Properties. This law requires federal agencies who issue licenses, permits, and funding to consider the effects of their undertakings on historic properties. As such, archaeological and historical resources listed on or eligible for listing on the NRHP must be identified in order to determine if the project will affect such resources. Since purchase of the parcel was funded in part by a grant issued by the USFS, LWCF, and in accordance with the LWCF Act of 1965 (16 USC 460), the project is considered an SCU. Since Federal funds were used to acquire the property, the project constitutes a Federal undertaking and must comply with Section 106 of the National Historic Preservation Act (36 CFR Part 800: Protection of Historic Properties). Section 106 requires federal agencies to take into account the effects of their undertakings on historic properties. This work was performed in accordance with the HPO's Guidelines for archaeological reporting and surveys (New Jersey Historic Preservation Office 1994, 1996, 2003). An archaeologist meeting the qualifications of 36 CFR 61 directed the Phase I archaeological survey (see Appendix A). The project falls under the review authority of the HPO.

2.3 Consultation with Interested Parties

In the Section 106 process (36 CFR Part 800), interested parties, including Indian Tribes, organizations, and members of the public, must be informed about the federal agency undertaking (either federally permitted or federally funded) and its potential effects on historic properties, and given the opportunity to comment. Organizations and individuals with an identified interest in archaeology, history, and historic preservation were identified and contacted by letter as part of this Phase I archaeological survey. Each party was provided with a description of the undertaking and contact information to respond. It is the understanding of RGA that the USFS will complete consultation with Indian Tribes.

Information was requested from each interested party regarding the presence of significant prehistoric or historic archaeological resources that may be affected by the project, and if the interested party had any information regarding the project area. A record of correspondence with all individuals and organizations contacted during the Phase I archaeological survey is presented as Appendix C of this report.

2.4 National Register of Historic Places Criteria

Potentially significant historic properties include districts, structures, objects, or sites which are at least 50 years old and which meet at least one National Register criterion. Criteria used in the evaluation process are specified in the Code of Federal Regulations, Title 36, Part 60, National Register of Historic Places (36 CFR 60.4). To be eligible for inclusion in the NRHP, a historic property(s) must possess:

the quality of significance in American History, architecture, archaeology, engineering, and culture [that] is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a) that are associated with events that have made a significant contribution to the broad patterns of our history, or
- b) that are associated with the lives of persons significant in our past, or
- c) that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components lack individual distinction, or
- d) that have yielded, or may be likely to yield, information important in prehistory or history (36 CFR 60.4).

There are several criteria considerations. Ordinarily, cemeteries, birthplaces, or graves of historical figures, properties owned by religious institutions or used for religious purposes, structures that have been moved from their original locations, reconstructed historic buildings, properties primarily commemorative in nature, and properties that have achieved significance within the past 50 years shall not be considered eligible for the NRHP. However, such properties will qualify if they are integral parts of districts that do meet the criteria or if they fall within the following categories:

- a) a religious property deriving primary significance from architectural or artistic distinction or historical importance, or
- b) a building or structure removed from its original location but which is significant primarily for architectural value, or which is the surviving structure most importantly associated with a historic person or event, or
- c) a birthplace or grave of a historical figure of outstanding importance if there is no other appropriate site or building directly associated with his/her productive life, or
- d) a cemetery which derives its primary significance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events, or
- e) a reconstructed building when accurately executed in a suitable environment and presented in a dignified manner as part of a restoration master plan, and when no other building or structure with the same association has survived, or
- f) a property primarily commemorative in intent if design, age, tradition, or symbolic value has invested it with its own historic significance, or
- g) a property achieving significance within the past 50 years if it is of exceptional importance. (36 CFR 60.4)

The physical characteristics and historic significance of the overall property are examined when conducting National Register evaluations. While a property in its entirety may be considered eligible based on Criteria A, B, C, and/or D, specific data is also required for individual components therein based on date, function, history, and physical characteristics, and other information. Resources that do not relate in a significant way to the overall property may contribute if they independently meet the National Register criteria.

A contributing building, site, structure, or object adds to the historic architectural qualities, historic associations, or archeological values for which a property is significant because a) it was present during the period of significance, and possesses historic integrity reflecting its character at that time or is capable of yielding important information about the period, or b) it independently meets the National Register criteria. A non-contributing building, site, structure, or object does not add to the historic architectural qualities, historic associations, or archeological values for which a property is significant because a) it was not present during the period of significance, b) due to alterations, disturbances, additions, or other changes, it no longer possesses historic integrity reflecting its character at that time or is incapable of yielding important information about the period, or c) it does not independently meet the National Register criteria.

2.5 Field Methods

Phase I archaeological fieldwork consisted of an inspection of existing conditions and the excavation of 86 STPs: 29 at 50-foot intervals in a single transect along the east side of East Clinton Avenue and 57 at 50-foot intervals on a grid in the area of the proposed new nature center. The STPs were plotted using a compass and tapes verified with mapping provided by Croxton Collaborative Architects LLC and trail maps on file with the Tenaflly Nature Center (2014a). Shovel test pits were given consecutive numeric designations (e.g. 1, 2, 3) when plotted. Excavators placed pin flags along the roadway indicating the locations of the STPs. A baseline transect within the proposed new nature center grid was flagged using compasses and tapes, and excavators used compasses and pacing to plot additional STP locations.

The STPs measured approximately 1.5 feet in diameter. Round-nosed shovels and trowels were used for excavation. Excavated soil from each STP was screened through one-quarter inch wire mesh in order to facilitate artifact recovery. Each soil stratum was excavated and screened separately. Shovel test pits were extended to a maximum depth of 2.5 feet below the ground surface and into B-horizon contexts in most STPs. Specific soil conditions are discussed in Section 5.0. Soil characteristics and stratum designations were recorded on standardized field forms (see Appendix D). Standardized Munsell color charts were used to record soil color for each stratum. Modern and/or non-diagnostic artifacts (e.g. plastic, modern bottle glass, automotive glass, and food wrappers) were noted on the STP forms and were not retained (see Appendix D). All excavations were backfilled and the ground was restored to its original contours upon completion of the testing. Photographs of field activities and general site views were taken. All survey documents and recovered artifacts are housed at RGA's headquarters in Cranbury, New Jersey.

3.0 ENVIRONMENTAL SETTING

The APE is located in the Piedmont Lowlands, a physiographic province characterized by clays and marls, as well as soft shales, argillites, sandstones, and siltstones that formed during periods of glacial modification and geological plate movements (Figure 3.1; Wolfe 1977). The terrain of the Piedmont Lowlands is gently undulating and slopes gradually from the New Jersey Highlands in the northwest to the Coastal Plain in the southeast. The gently sloping terrain is interrupted by a plateau-like topography created by the basalt ridges of the Watchung Mountains to the west and the New Jersey Palisades at the Hudson River to the east, which are resistant to erosion (Wolfe 1977:244). Topographic relief is gently rolling, with elevations in the vicinity of the APE ranging from approximately 380 to 400 feet above mean sea level.

Bedrock within the APE consists of Jurassic Period medium to coarse grained diabase (Drake et al. 1996). Surficial sediments in the APE are comprised of Holocene and Late Wisconsinan Rahway Till clayey to sandy silt with pebbles and cobbles deposited by glacial ice (Stone et al. 2002).

The APE is situated on an upland plateau west of the Hudson River and steep basalt and diabase cliffs known as the New Jersey Palisades (Wolfe 1977). Portions of the APE are adjacent to wetlands with headwater tributaries of Green Brook approximately 500 feet to the east and 800 feet to the southeast. The eastern end of the APE is approximately 1,000 feet west of Green Brook, a tributary of the Hudson River, and a primary drainage (see Figure 1.1). The Hudson River empties into the Upper New York Bay 18 miles south of the APE, which in turn empties into the Raritan Bay, and the Atlantic Ocean.

Soils mapped within the APE are classified as Boonton-Urban land complex (BouB; BouC), Boonton moderately well drained-Rock outcrop complex (BorC), Haledon gravelly loam (HamBb), Hasbrouck loam (HcsAb), and Udorthents, wet substratum-Urban land complex (UdwuB). The variations in mapped soil units reflect the range of settings within the APE and the degree of glacially deposited surface rock present. Soil series BouC is mapped at the northern end of the APE adjacent to East Clinton Avenue with areas of HcsAb, UdwuB, HamB, BouB and BouC along the roadway portion of the APE. To the east, the APE is characterized by BorC, HamB, and HcsAb soils (Figure 3.2; Table 3.1). The APE is within a region characterized as Mixed Oak Forest (Collins and Anderson 1994).

Current vegetation in the APE includes secondary growth woodland composed of hardwood trees and a low understory of shrubby multiflora rose, poison ivy, and grasses.

Table 3.1: Characteristics of soils series within the APE (NRCS 2013).

Soil Series	Type of Soil	Drainage	Landform
Boonton-Urban land complex (0-8 percent slopes, BouB; 8-15 percent slopes, BouC)	Silt loam	Well-drained	Ground moraines, urban land
Boonton moderately well drained-rock outcrop complex, 8 to 15 percent slopes (BorC)	Varied, surface area covered with cobbles to boulders; rock outcrop is exposed bedrock	Moderately well-drained	Ground moraines
Haledon gravelly loam, 0 to 8 percent slopes, very stony (HamBb)	Gravelly loam	Somewhat poorly drained	Ground moraines
Hasbrouck loam, 0 to 3 percent slopes, very stony (HcsAb)	Silt and gravelly loam	Poorly drained	Depressions
Udorthents, wet substratum-Urban land complex (UdwuB)	Sand and muck	Moderately well-drained	Flats, urban land

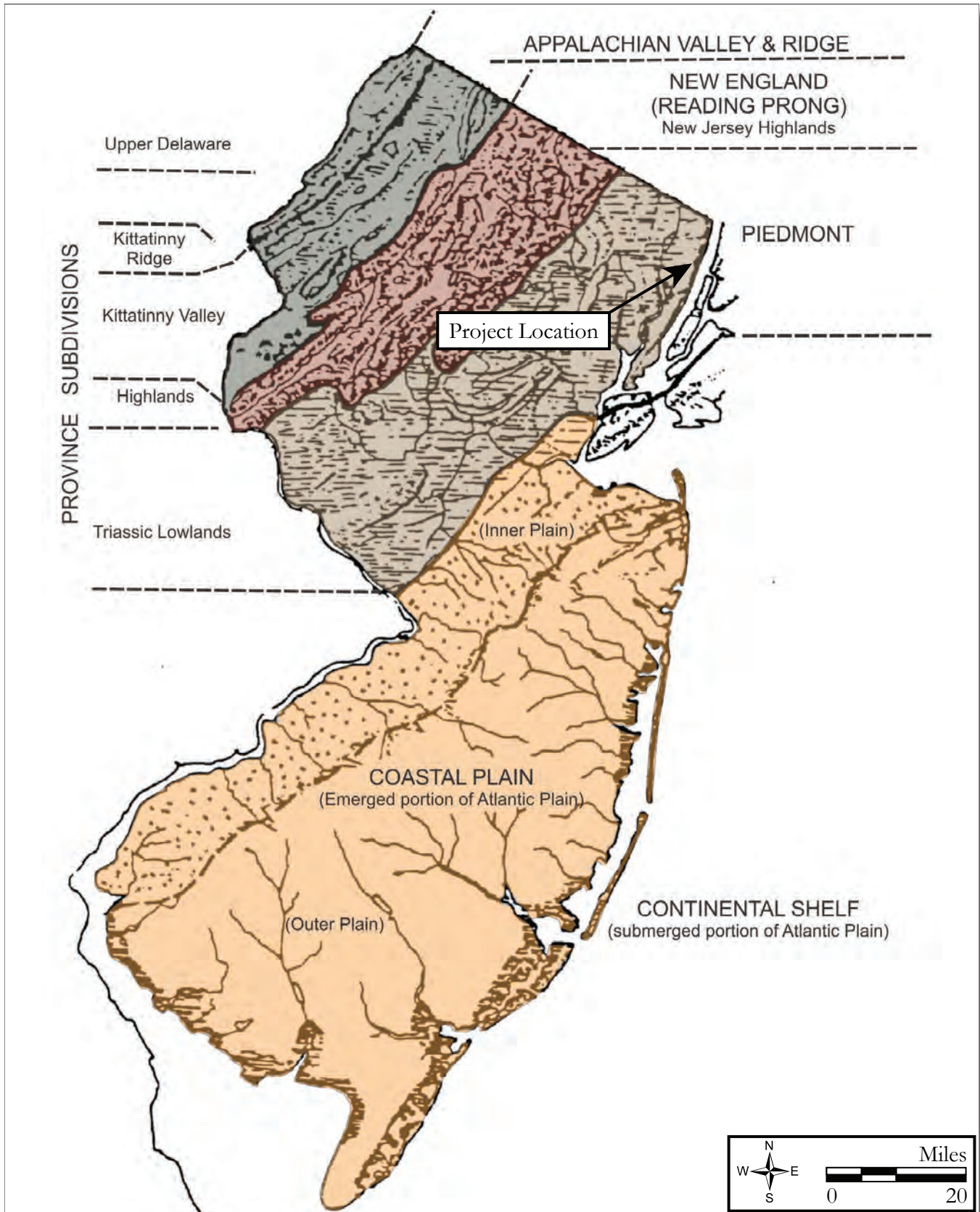


Figure 3.1: Physiographic Provinces Map
(adapted from Wolfe 1977).



Figure 3.2: Soils Map
(from 2013 Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic [SSURGO]).

4.0 BACKGROUND RESEARCH

Research was conducted at the HPO in Trenton to identify above- and below-ground cultural resources listed in or eligible for listing in the New Jersey and NRHP. Previous historic sites surveys and regulatory surveys on file at the HPO were also reviewed.

Files at the New Jersey State Museum (NJSM) were checked for the presence of registered archaeological sites within or near the APE. Additional background research consisted of a review of pertinent primary and secondary sources, including historic maps, atlases, photographs, and local and county histories, available at the New Jersey State Library in Trenton.

4.1 Prehistoric Context

The context for prehistoric settlement in the lower Hudson River coastal area of New Jersey takes into consideration a general regional cultural chronology that spans the Paleo-Indian (+/- 9500B.C.- 8000 B.C.), Early, Middle, and Late Archaic (8000-1000 B.C.), and Early, Middle, and Late Woodland (1000 B.C.-A.D. 1600) periods (Chesler 1982; Custer 1996; Grossman-Bailey 2001; Kraft 1986, 2001). The prehistoric era ends approximately 1550 to 1600 A.D., during the time of initial contact between Native groups and Old World populations, and is followed by a period of extensive colonization by the Dutch, Swedish, and English.

The Hudson River was an important travel route and figured prominently during the fur trade. Numerous prehistoric sites have been identified on upland and low lying landscapes close to the Hudson River, including numerous shell midden sites (Cantwell and Wall 2001; Kaeser 2005). The early period of contact and colonization is also called the “proto-historic” period or the Contact period (Custer 1996). A generalized prehistoric cultural chronology for northern New Jersey is presented in Table 4.1.

No prehistoric sites have been located within one mile of the APE but numerous sites have been identified on upland landscape features within the Hudson River drainage (Cantwell and Wall 2001; Kaeser 2005; Cross 1941; Skinner and Schrabish 1913). The Twombly Landing site in nearby Alpine is an extensively reused shell midden in the Palisades Interstate Park area. The site yielded projectile points, marine shell, ceramics, and bone awls and tools (Kaeser 2005). Edward J. Lenik’s research in northern New Jersey (1985, 1989) documents Native American sites in Bergen County interpreted as small, transitory camps used for resource procurement and processing. While early European settlers also inhabited northern New Jersey during the Contact period, Native American and European interaction was “occasional or intermittent.” Native Americans “maintain[ed] their own level of technology... and...cultural lifeways” (Lenik 1989: 117).

4.2 Historic Context

During the late seventeenth century and into the mid-eighteenth century, Dutch immigrants and a few English colonists settled in Bergen County. Early farms were sparsely laid out along the county’s navigable rivers. Dutch settlement of the area began by 1640 and the names “Tiene Vly” and “Tiene Kill” were documented by 1688 (Mosley 1969: 1). The name “Tenaflly” may be derived from the Dutch phrase “Tiene Vly” meaning Garden Valley (Westergaard 1988:335). The area of the APE is shown on eighteenth century maps as undeveloped with a small number of farmsteads and a limited road network throughout Tenaflly (Figure 4.1; Philips 1776; Hills 1781; Bergen County Office of Cultural and Heritage Affairs 1982: 12). Important early settlers in Tenaflly included the Demarest, Westervelt, DeMott, Brinkerhoof, Huyler, and Banta families, generally of Huguenot and Dutch descent (Bergen County Office of Cultural and Heritage Affairs 1982: 12; Mosley 1969).

Table 4.1: Northern New Jersey prehistory.

Time Frame	Period	Characteristics
A.D. 1550/1600 to A.D. 1650	Contact	<ul style="list-style-type: none"> - European contact and initial colonization - Continuity of Algonquian ideology - Influence of Iroquoian ideas
A.D. 900 to A.D. 1550/1600	Late Woodland	<ul style="list-style-type: none"> - Triangular projectile points-bow and arrow - Unfortified hamlets, camps, smaller territories - Territories of the proto- Munsee, Algonquian ideology - Foraging, limited agriculture in portions of NJ - Cord-decorated and incised ceramics - Use of cobble cherts and jasper - Climate: modern-sea level rise remains a factor
A.D. 0 to A.D. 900	Middle Woodland	<ul style="list-style-type: none"> - Hunter-gatherers, seasonal fission/fusion of social groups - Large and small camps - More kinds of ceramics - Mortuary ceremonialism - Large scale exploitation of seasonal resources - Climate: cool and wet
1000 B.C. to A.D. 0	Early Woodland	<ul style="list-style-type: none"> - Band level society with first evidence of community identity - Mortuary ceremonialism - Extensive trade networks for exotic raw materials - Shellfish exploitation - Experimentation and early use of ceramics - Climate: cool and wet
1000 B.C. to 3000 B.C.	Late Archaic	<ul style="list-style-type: none"> - BROADSPEAR, narrow-stemmed, fishtail points - Mortuary ceremonialism - Extensive trade networks for exotic raw materials - Intensive use of local materials - Social differentiation - Increased sedentary lifestyles - Change in vessel technology-soapstone bowls - Climate: warmer and dryer than present, sea level rise slows
3000 B.C. to 6500 B.C.	Middle Archaic	<ul style="list-style-type: none"> - Bifurcate points, stemmed points - Hunter-gatherers -intensified resource use-use of shell fish documented in the region - Use of more varied lithic materials and tool categories - Large and small camps, stratified riverine settlement system - Climate: warm and wet
6500 B.C. to 8000 B.C.	Early Archaic	<ul style="list-style-type: none"> - Corner-notched and stemmed point types - Spear-thrower technology - Use of more types of stone for tools-very similar to Paleo-Indian period - Climate: cold and drier than present, rapid sea level rise
8000 B.C. to 9500 B.C.	Paleo-Indian	<ul style="list-style-type: none"> - Highly mobile - Large game hunting/generalized foraging patterns - Fluted projectile points usually made of jasper or chert - Band level society - Climate: cold and wet, mosaic of mixed grasslands, rapid sea level rise

Bergen County was one of East Jersey's original four counties, established through an Act of the Assembly of East Jersey in 1682. The county initially included all the settlements from the Hudson River west to the Hackensack River, and north to the boundary with New York. The area along the Hudson River, including the lands that today comprise the Borough of Tenafly, initially fell within Hackensack Township. In 1693, Hackensack Township was formed as one of the townships of East

Jersey, and in 1871, it was divided into Ridgefield, Englewood, and Palisades townships. Portions of these townships split off through the years. In 1894, the Borough of Tenafly became independent of Palisades Township (Snyder 1969; Westervelt 1923).

During the Revolutionary War, Bergen County was the site of several skirmishes and raids by the British. New Bridge and Hackensack, southwest of the APE, were used at various times as staging points by both Continental troops and British forces (Alden 1945; Munn 1976). On January 5, 1777, the British evacuated Hackensack and withdrew the majority of their troops to New York. The only permanent garrison in Bergen County that remained was at Paulus Hook. During the remainder of the Revolutionary War, Paulus Hook was the base of operations for several raids conducted by the British into Bergen County (Bogert 1983:18; Van Valen 1900:30; Westervelt 1923:I-108). The 1781 Hills and the 1776 Philips maps (see Figure 4.1) show a network of roads that existed in northern New Jersey at the time of the Revolutionary War. Tien Neck is shown to the southwest. Fortifications are shown in the area around Fort Lee to the south of the APE. Although many military campaigns of the Revolutionary War took place in Bergen County, including several skirmishes in Fort Lee, no military action occurred within or near the APE, and the APE remained undeveloped during this time (Alden 1945; Munn 1976; see Figure 4.1).

Following the Revolutionary War, and throughout the first half of the nineteenth century, the Tenafly area developed at a slow pace. Early patented lands were subdivided and additional farmsteads were established primarily along existing roadways. Farming dominated the economy and continued well into the twentieth century. During the second half of the nineteenth century, growth within Bergen County was stimulated by the arrival of the Hackensack and New York Railroad, chartered in 1856. Development was limited along the Palisades between Huylers Landing to the north, and Englewood to the southwest of the APE (Hopkins 1861; see Figure 4.2). Hudson Avenue is shown along with structures belonging to George and William Allen and L. Best east of the existing Tenafly Nature Center (Hopkins 1861; see Figure 4.2).

During the nineteenth century, development was focused closer to the railroad and crossroads villages such as Englewood. Wealthy New Yorkers began building vacation houses and cottages along the Palisades shortly before the Civil War (Bergen County Office of Cultural and Heritage Affairs 1982: 16). According to the Palisades Interstate Park Commission (2014), Joseph Lamb, a stained glass artisan and manufacturer, built “Falcon Lodge” near the northern border of Tenafly circa 1860. By 1876, Clinton Avenue was in use as was Palisades Boulevard along the Palisades, east of the APE. Local development remained sparse and no buildings were extant within the APE (Walker 1876; see Figure 4.3). Highwood Avenue ran north of the APE between Clinton and Hudson Avenues and both Highwood and Hudson Avenues extended east to the Palisades and Palisades Boulevard (Figure 4.3).

During the nineteenth century, “Hilltop,” an estate owned by William Laimbeer, located east of the existing Tenafly Nature Center, was one of the largest estates in the area (Figure 4.3; Bergen County Office of Cultural and Heritage Affairs 1982: 16). After 1860, suburban development proceeded somewhat slowly in and around Tenafly. The APE remained undeveloped (Bergen County Office of Cultural and Heritage Affairs 1982: 22, 29).

By 1912, the APE was part of 17 acres owned by the Allison Land Company and remained undeveloped (Bromley and Bromley 1912; see Figure 4.4). The name of the Allison Land Company is memorialized in the name of the Tenafly Nature Center’s Allison Trail. The APE remained wooded through the twentieth century (NETR 1931, 1954, 1966, 1979, 1987, 1995; U.S.G.S. 1947, 1956; see Figures 4.5 and 4.6). The Palisades Interstate Park to the east of the APE was created in 1900 and dedicated in 1909 (Palisades Interstate Park Commission 2014; Bergen County Office of Cultural and Heritage Affairs 1982: 32). The Palisades Interstate Parkway was built between 1947 and 1956 (Figure 4.6). A 64-acre portion of the Tenafly Nature Center was acquired in 1961 and in 1966 the Redfield Building Visitors’ Center was completed. During the 1970s, the 274-acre wooded Lost Brook Preserve was added to the Tenafly Nature Center using a mixture of governmental and private funding (Tenafly Nature Center 2014b). By 1966, houses were built on the west side of Clinton Avenue (NETR 1966). By 1987, the

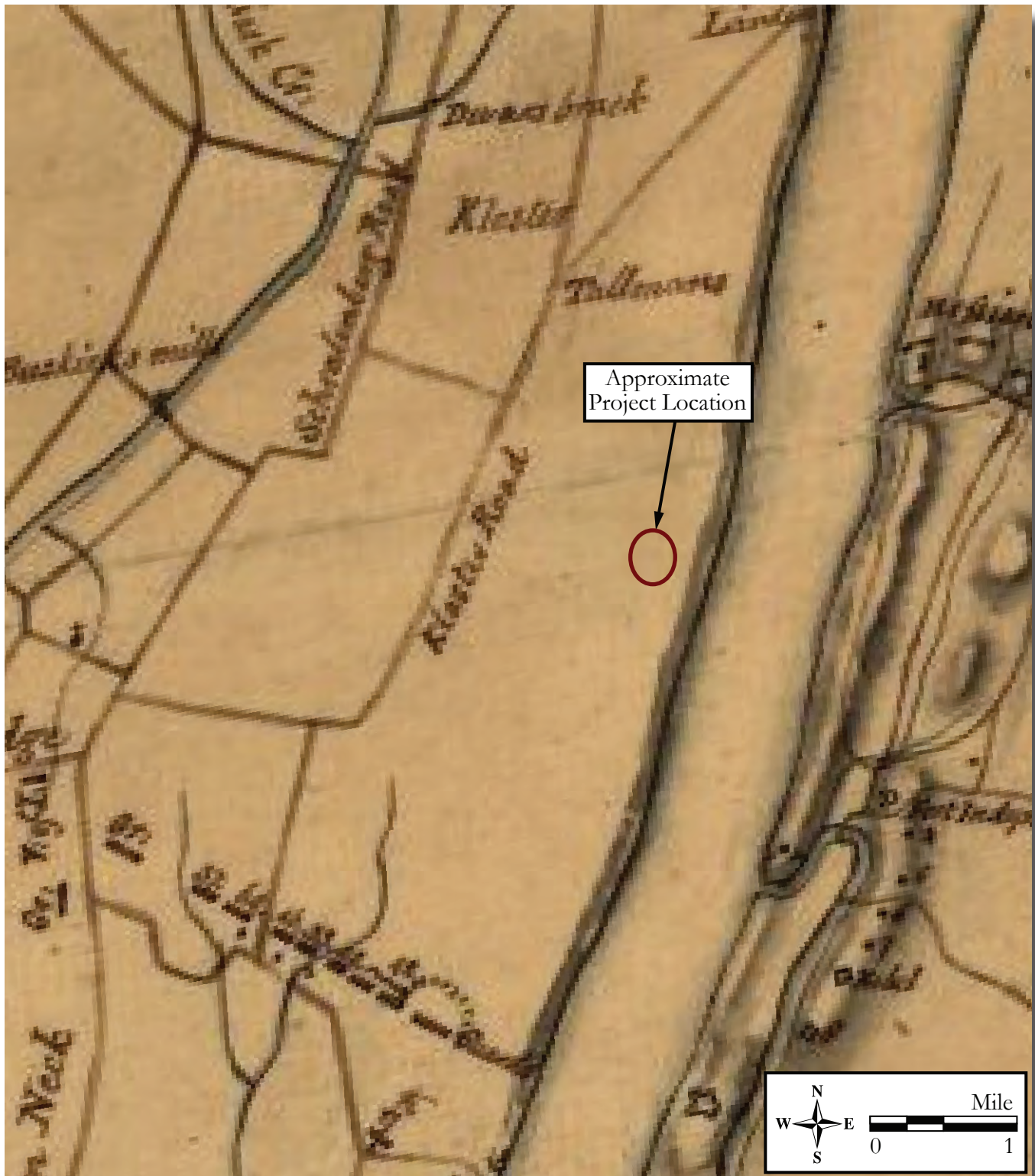


Figure 4.1: 1776 Philip Lee Philips, Plan of the country at and in the vicinity of Forts Lee and Independence, showing the position of the British Army.



Figure 4.2: 1861 G. M. Hopkins, Map of the Counties of Bergen and Passaic, New Jersey.

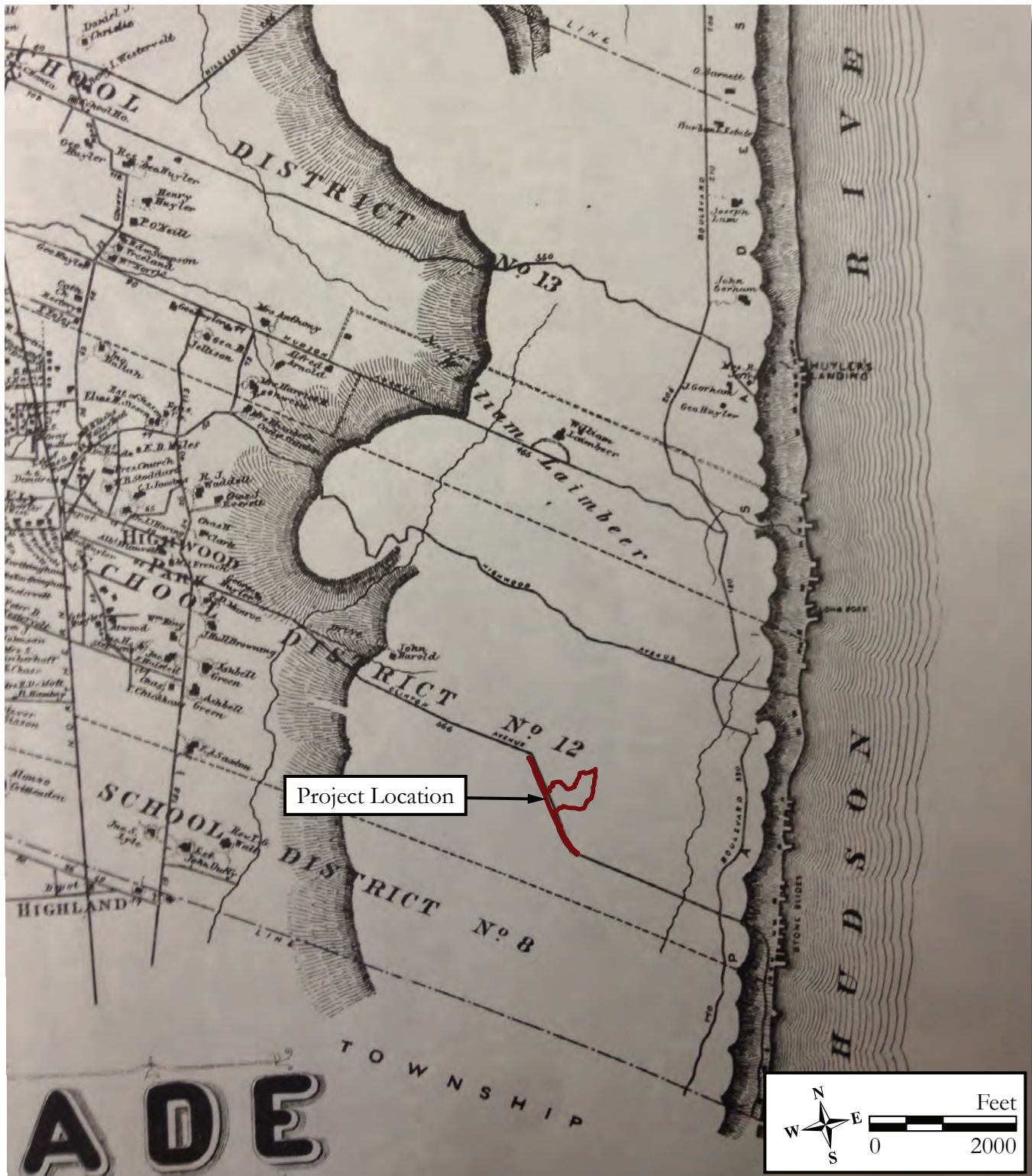


Figure 4.3: 1876 A.H. Walker, Atlas of Bergen County, New Jersey.

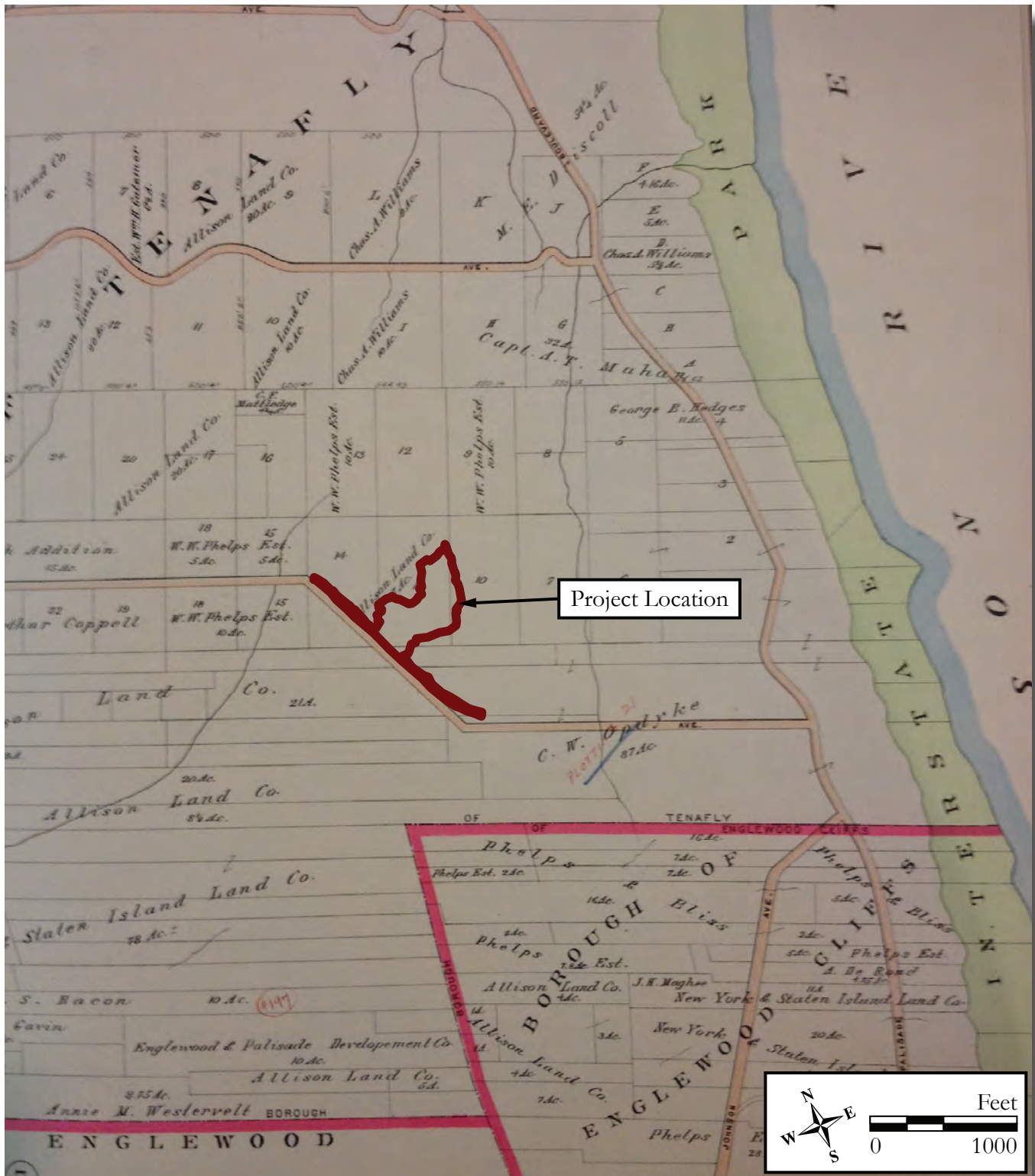


Figure 4.4: 1912 George W. and Walter S. Bromley, Atlas of Bergen County, New Jersey.



Figure 4.5: 1947 U.S.G.S. 7.5' Quadrangle, Yonkers, NY-NJ.



Figure 4.6: 1956 U.S.G.S. 7.5' Quadrangle, Yonkers, NY-NJ.

Kaplen Jewish Community Center (JCC) was built on the Palisades, north of the APE (NETR 1979, 1987).

4.3 Archaeological Background Research

Archaeological Sites

A review of the archaeological site databases at the NJSM indicated that no registered archaeological sites are within the APE or within one mile of the APE.

National Register Files

No archaeological resources eligible for or listed on the NRHP are located within or adjacent to the APE. The NRHP-listed Palisades Interstate Park (NHL: NR: 10/15/1966; SR: 1/12/1965) and the Palisades Interstate Parkway Historic District (NR: 8/2/1999; SR: 10/3/1999) are within one-half mile of the APE.

Previous Cultural Resources Surveys

Background research at the HPO indicated that no cultural resources surveys have been conducted within or adjacent to the APE. One cultural resources survey, a cultural resource assessment of improvements to the Palisades Interstate Parkway, was conducted within one-half mile of the APE (Fimbel 1982). The report concluded that the project site was considered unlikely to retain intact archaeological sites. Two surveys were conducted just outside one mile of the APE, associated with transportation (Greiner, Inc. 1996) and wireless projects (Richard Grubb & Associates, Inc. 2004). Neither located archaeological resources.

5.0 RESULTS

The Phase I archaeological survey included background research, a visual examination of the APE by the principal investigator, and subsurface testing completed on April 14, 2014. Archaeological fieldwork was supervised by Ilene Grossman-Bailey, Principal Investigator, and David Strohmeier, crew chief. The fieldwork was conducted by Dr. Grossman-Bailey, Mr. Strohmeier, Alexis Platvoet, Adrienne Jarczewski, Tabitha Hilliard, and Anthony Lipari.

5.1 Assessment of Archaeological Sensitivity

The assessment of archaeological sensitivity considers the presence of environmental correlates and land use patterns within the APE identified in regional settlement models in order to identify locations likely to contain prehistoric and historic archaeological sites. Current land use patterns and disturbances that may have lessened the potential for extant archaeological resources are also considered. In areas where no sites are documented, the sensitivity assessment for prehistoric resources is based primarily on environmental setting: topography, proximity to surface water, and soil characteristics. The potential for historic resources to be identified in an area is usually determined through the analysis of historic documents and cartographic materials. The presence of structures and roads on historic maps and atlases near the APE increases the potential for historic archaeological sites.

Prehistoric Archaeological Sensitivity

Archaeological evidence indicates that the Piedmont was occupied from Paleo-Indian times to the present (Chesler 1982). Several studies have been performed analyzing data on previously recorded archaeological sites to formulate prehistoric predictive models. Settlement pattern studies conducted in New Jersey and elsewhere in the Middle Atlantic Region have defined areas of well-drained soils in proximity to water as favorable for prehistoric sites (Cavallo and Mounier 1982; Grossman-Bailey 2001:136; Ranere and Hansell 1985; Walwer and Pagoulatos 1990). Areas closest to wetlands are considered zones of highest sensitivity for the location of prehistoric archaeological resources (Hasenstab 1991). Sites have also been found in areas further from water, particularly on drainage divides and upland areas (Mounier 1998), but these sites are much fewer in comparison to those near watercourses (Cavallo and Mounier 1982). Studies have also demonstrated that prehistoric sites are more apt to be situated in areas with well-drained soils, level topography, historic trails, and a good vantage point (Pagoulatos and Walwer 1991). The APE is adjacent to wetlands and the eastern portion is approximately 500 feet west of a tributary of Green Brook. The portions of the APE proximate to wetlands and the tributary are considered to have high potential for prehistoric archaeological resources. Based on background research and a consideration of environmental characteristics, the APE has high sensitivity for prehistoric archaeological resources (see Figure 5.1).

Historic Archaeological Sensitivity

Historical research indicates that the APE appears to have been undeveloped prior to its incorporation into the Tenaflly Nature Center (see Figures 4.1-4.6; NETR 1931). Historic maps do not indicate any prior development within the APE. Given the lack of prior documented historic development, the APE has low sensitivity for historic archaeological resources.

5.2 Archaeological Fieldwork

Archaeological fieldwork of the APE included a pedestrian reconnaissance by the Principal Investigator and the excavation of 86 STPs at 50-foot intervals (Figure 5.1; Plates 5.1-5.10). The APE includes two adjacent areas. Road improvements are planned for an approximately 1,400-foot long by 20 to 30-foot wide section of the eastern side of East Clinton Avenue. This section is located 300 feet southeast of the intersection of East Clinton Avenue and Buckingham Road north to approximately 600 feet north of Kent Road (see Plates 5.1-





Plate 5.1: Shovel test pits 1 and 2 in progress at the northern terminus of the APE along East Clinton Avenue south of the Kaplen JCC on the Palisades.

Photo view: South

Photographer: Ilene Grossman-Bailey

Date: April 14, 2014



Plate 5.2: Southern terminus of the APE along East Clinton Avenue south of Buckingham Road.

Photo view: Northwest

Photographer: Ilene Grossman-Bailey

Date: April 14, 2014



Plate 5.3: Northern portion of the APE along East Clinton Avenue north of Kent Road.

Photo view: South

Photographer: Ilene Grossman-Bailey

Date: April 14, 2014



Plate 5.4: Shovel Test Pit 24 in progress in the southern portion of the APE along East Clinton Avenue near Buckingham Road.

Photo view: North

Photographer: Ilene Grossman-Bailey

Date: April 14, 2014



Plate 5.5: Western part of the new nature center portion of the APE looking toward Kent Road.

Photo view: West

Photographer: Ilene Grossman-Bailey

Date: April 14, 2014



Plate 5.6: Northern part of the new nature center portion of the APE.

Photo view: southwest

Photographer: Ilene Grossman-Bailey

Date: April 14, 2014



Plate 5.7: Southern part of the new nature center portion of the APE along the Haring Rock Trail.

Photo view: West

Photographer: Ilene Grossman-Bailey

Date: April 14, 2014



Plate 5.8: Western part of the new nature center portion of the APE.

Photo view: West

Photographer: Ilene Grossman-Bailey

Date: April 14, 2014



Plate 5.9: Shovel Test Pit 51 in progress.

Photo view: Northeast

Photographer: David Strohmeier

Date: April 17, 2014



Plate 5.10: Shovel Test Pit 56 in progress.

Photo view: East

Photographer: David Strohmeier

Date: April 17, 2014

5.4). The proposed new education and discovery center extends approximately 750 feet east of the intersection of East Clinton Avenue and Kent Road in an area of approximately three acres (see Plates 5.5-5.10). The APE is mostly wooded with secondary-growth hardwood trees and limited weedy undergrowth (see Plates 5.1-5.10). The Haring Rock Trail bisects the southern and eastern portions of the proposed nature center area (see Plates 5.7 and 5.8). The junction of Haring Rock and Seely Trails (Tenaflly Nature Center 2014a) is 300 feet southwest of the proposed nature center. Haring's Rock, a large (10 foot high) glacial erratic boulder, is located at the trail junction, approximately 300 feet southwest of the APE (see Plate 5.7). The terrain in the APE is gently rolling with a steep drop off toward the tributary of Green Brook at the eastern end. The roadside portions of the APE are level or sloping upward away from the road (see Plate 5.4). Along the roadside margin, the STPs were placed five to 20 feet east of the roadway on uplands where possible. Rocks, cobbles, and boulders of varying sizes and materials were noted scattered along the surface of portions of the APE (see Plate 5.6). Disturbances were minimal in the APE and consisted of surface dumping of trash in a few locations, roadside filling, the unimproved mulch-covered Haring Rock Trail, and tree clearing for path maintenance (see Plates 5.2, 5.7, and 5.8).

Natural soils were encountered in the majority of the STPs (see Appendix D). Natural soil profiles encountered in 17 STPs consisted of black to very dark grayish brown silt loam with humus A-horizons overlying yellowish brown silt loam subsoil (B-horizon). Distinct O-horizons of black to very dark grayish brown silt loam and humus were noted in 30 STPs. The larger percentage of rock on the surface and below the ground surface as well as the varied A-horizon and lack of distinct plowzone topsoil suggests that it probably was not farmed.

Soil profiles included one or two fill levels in eight STPs, all located along the roadside margins. Of these, only STPs 10 and 11 were stopped by rock and did not contain natural B-horizon soils underlying the fill levels. Fills ranged from 0.2-foot to 1.85-feet in thickness, were mottled and of various colors, were possibly redeposited soils used to fill in low places adjacent to the road, and often contained plastic, glass, or other modern items (see Appendix D). Large rocks were noted in the majority of STPs and the excavation of 17 STPs was terminated due to impassable rocks or boulders (see Figure 5.1; see Appendix D). The excavation of 11 STPs was terminated due to the high water table (see Figure 5.1; see Appendix D).

Modern artifacts, including plastic, modern amber and colorless beverage glass, automotive windshield and mirror glass, and food wrappers were noted in 13 STPs in fill levels and A-horizon strata in the roadside portions of the APE, and were not retained (see Appendix D). No prehistoric or historic artifacts were recovered.

Summary

A total of 86 STPs was excavated within the APE. No prehistoric or historic artifacts were recovered. No historic or prehistoric archaeological features or artifact concentrations were identified.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Richard Grubb & Associates completed a Phase I archaeological survey within the APE for the proposed new education and discovery center at the Tenaflly Nature Center, on a portion of Block 2702, Lot 1, and also for improvements to approximately 1,400 linear feet of East Clinton Avenue proximate to the new education and discovery center in the Borough of Tenaflly, Bergen County. The survey included background research, reconnaissance, and subsurface testing.

Based on the background research, it was concluded that the APE had high sensitivity for intact, prehistoric deposits, and low sensitivity for historic archaeological resources. Subsequent testing did not identify any archaeological resources in the APE. No further archaeological survey is recommended.

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APPENDIX A: QUALIFICATIONS OF THE PRINCIPAL INVESTIGATOR



Richard Grubb & Associates, Inc. Cultural Resource Consultants

DBE/WBE/SBE Certified

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Ilene Grossman-Bailey / Senior Archaeologist (36 CFR 61)

Years of Experience

With this firm:

2002-Present

With other firms: 8

Education

Ph.D. 2001

Temple University
Anthropology

M.A. 1998

Temple University
Anthropology

B.A. 1979

College of
New Jersey
English

Professional Training

40-Hour Health and
Safety Training for
Hazardous Waste
Operations and
Emergency Response
(OSHA 29 CFR
1910.120), February
2005; 8-Hour
HAZWOPER
Refresher, February
April 2014

National Register of
Historic Places
Workshop,
Lawrenceville, NJ
June 2012

Professional Registration

Register of Professional
Archaeologists (RPA)

Professional Experience Summary:

Ilene Grossman-Bailey's experience focuses on the identification and evaluation of prehistoric resources. Dr. Grossman-Bailey has extensive experience in applying Section 106 of the National Historic Preservation Act, as amended, and other relevant state and municipal laws and has served as a Principal Investigator on all phases of archaeological investigations. She exceeds the qualifications set forth in the Secretary of Interior's Standards for Prehistoric Archaeologists [36 CFR 61], as well as the SHPO's qualification standards in New Jersey, Pennsylvania, Massachusetts, West Virginia, Maryland, Delaware, Massachusetts, and New York.

Representative Project Experience:

Horseshoe Road Superfund Site, Middlesex County, NJ

(Sponsor: US Environmental Protection Agency) Senior archaeologist for a Stage II cultural resources survey at the Middle Woodland period Upper Terrace Prehistoric Site within the Horseshoe Road Industrial Complex as part of a Remedial Investigation/Feasibility Study conducted for the US Environmental Protection Agency (USEPA) and the US Army Corps of Engineers (USACE) by CDM Federal Programs Corporation and carried out in compliance with Section 106 of the National Historic Preservation Act. Due to the absence of prehistoric features and the low density of artifacts, the site was determined ineligible for listing on the National Register of Historic Places.

NJ Transit: North Hackensack Rail Station, Bergen County, NJ (Sponsor: Christopher P. Statile, P.A.)

Senior archaeologist for the cultural resources investigation for the proposed rail station. Prepared a scope of work to identify significant archaeological resources. Phase I-level subsurface archaeological testing did not identify National Register-eligible archaeological resources.

Interstate 80/Interstate 287 And Interstate 80/US Route 202 Interchange Improvements and Interstate 80 Pavement Rehabilitation, Morris County, NJ (Sponsor: NJDOT)

Senior archaeologist for the cultural resources investigation of the roadway expansion project. Prepared a scope of work to identify significant archaeological resources, if present. Phase I-level subsurface archaeological testing did not identify potentially eligible National Register archaeological resources.

Route 9W at Interstate 95 Improvements Project, Bergen County, NJ (Sponsor: Vollmer Associates, LLP.)

Senior archaeologist for the cultural resources investigation of the roadway expansion project. Prepared a scope of work to identify significant archaeological resources. Phase I-level subsurface archaeological testing did not identify potentially eligible National Register archaeological resources.

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APPENDIX B: PROJECT DOCUMENTS



Project# 13-1475-1
HPO H2013-054

State of New Jersey

MAIL CODE 501-04B

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NATURAL & HISTORIC RESOURCES

HISTORIC PRESERVATION OFFICE

P.O. Box 420

Trenton, NJ 08625-0420

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CHRIS CHRISTIE
Governor

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

MEMORANDUM

To: Fawn McGee, Bureau Chief,
State Land Acquisition

From: Daniel D. Saunders, Administrator,
Historic Preservation Office

Date: August 1, 2013

Re: Tenaflly Nature Center, Change of Use
Tenaflly Borough, Bergen County

As Deputy State Historic Preservation Officer for New Jersey, in accordance with 36 CFR Part 800: Protection of Historic Properties, as published with amendments in the Federal Register on 6 July 2004 (69 FR 40544-40555), I am providing Consultation Comments for the following proposed undertaking:

**Bergen County, Tenaflly Borough
Tenaflly Nature Center, Change of Use
Block 2701 Lot 1**

United States Forest Service, Land & Water Conservation Fund

800.4 Identifying Historic Properties

Thank you for providing the Historic Preservation Office (HPO) with the opportunity to review and comment on the potential for the above-referenced undertaking to affect historic properties pursuant Section 106 of the National Historic Preservation Act, as amended. The approximately 1.75 acres is owned by the Borough of Tenaflly as Lost Brook Preserve. The proposed project constitutes a change of use and the 1.75 acres will entail construction of a nature center and parking on land acquired with LWCF money.

Historic Architecture

The project site is located within the viewshed of Palisades Interstate Park which is a National Historic Landmark, and was also listed in the New Jersey Register of Historic Places on January 12, 1965 and the National Register of Historic Places on October 15, 1966. It is also located within the viewshed of the Palisades Interstate Parkway Historic District which was listed in the NJ Register on October 3, 1999 and the National Register on August 2, 1999.

Archaeology

The project's topographic setting, a terraced upland overlooking a riverine and wetland complex, has a high potential to contain evidence for Pre-Contact period Native American archaeological deposits based on existing archaeological models for site locations in New Jersey.

In consequence, pursuant to 36 CFR § 800.4, a Phase I archaeological survey, and as necessary Phase II archaeological survey, must be conducted within the area of potential effects (APE) to identify the presence or absence of archaeological properties.

Phase I survey will allow identification of the presence or absence of archaeological properties within the APE. If identified, Phase II survey will provide for evaluation of the National Register eligibility of the site(s) and assessment of project impacts. For properties on or eligible for National Register inclusion, recommendations must be provided for avoidance of impacts. If impacts cannot be avoided, analyses must be provided exploring alternatives to minimize and/or mitigate impacts. Means to avoid, minimize and/or mitigate impacts to National Register eligible properties will need to be developed and undertaken prior to project implementation.

All phases of the archaeological survey and reporting will need to be in keeping with the Secretary of the Interior's *Standards and Guidelines for Archeology and Historic Preservation*, and the HPO's *Guidelines for Phase I Archaeological Investigations: Identification of Archaeological Resources and Guidelines for Preparing Cultural Resources Management Archaeological Reports Submitted to the Historic Preservation Office*. These guidelines can be obtained through the HPO's web page (<http://www.nj.gov/dep/hpo/identify/survarkeo.htm>). Reasoning and documentation for areas excluded from testing must be included in the technical report. Evaluations to determine the National Register eligibility of archaeological sites must be in keeping with the National Park Service's 2000 National Register Bulletin, *Guidelines for Evaluating and Registering Archeological Properties*. The individual(s) conducting the work will need to meet the Secretary of the Interior's Professional Qualifications Standards for architectural historian (48 FR 44738-9).

If potential human burials or human skeletal remains are encountered, all ground disturbing activities in the vicinity shall cease immediately and the Historic Preservation Office should be contacted, as well as any appropriate legal officials. The potential burials shall be left in place unless imminently threatened by human or natural displacement.

Additional Comments:

Thank you again for providing this opportunity for review and comment on the potential for this project to affect historic and archaeological resources. We look forward to receiving the requested survey discussed above. If you have any questions regarding the Phase I survey, please contact Vincent Maresca of my staff at 3-2395; other questions can be directed to Sara Andre at 2-0032.

Cc: Steve Jandoli, Green Acres

APPENDIX C: RECORD OF SECTION 106 CONSULTATION

Under the revised 36 CFR Part 800 Protection of Historic Properties the Advisory Council on Historic Preservation has established an enhanced role for the public and interested parties to participate in the Section 106 Consultation process. As a result, letters requesting information on and possible impacts to historic resources were sent the following persons and/or organizations:

David Wall, Chair
Tenaflly Historic Preservation Commission
Tenaflly Borough Hall
100 Riveredge Road
Tenaflly, New Jersey 07670
Sent letter on April 8, 2014 (attached); response: None

Copies of the letter to the Tenaflly Historic Preservation Commission were sent to commission members via email:

Karen Neus, Historic Preservation Commission
neus@optonline.net
Email sent on April 9, 2014 (attached); response: None

Kevin Tremble, Planning Board member and liaison to the Historic Preservation Commission
ktremble13@gmail.com
Email sent on April 9, 2014 (attached); response: None

Paul Stephanowicz, Assistant Borough Historian; (pjstef@yahoo.com)
Email sent on April 9, 2014 (attached); response: None

Alice Renner Rigney, Borough Historian
Knoll Rd.
Tenaflly, New Jersey 07670
Sent letter on April 9, 2014 (attached); response: A letter from Ms. Rigney dated April 15, 2014 (attached), indicated that no historical or archaeological sites or material had been identified within the APE and surrounding areas.

Jim Smith, President
Bergen County Historical Society
P.O. Box 55
River Edge, New Jersey 07661
Sent letter on April 8, 2014 (attached); response: None

Carol Messer, Director
Bergen County Division of Cultural And Historical Affairs
One Bergen County Plaza, 4th Floor
Hackensack, New Jersey, 07601
Sent letter on April 8, 2014 (attached); response: None

Archaeological Society of New Jersey
Via listserv: ASNJ@yahoogroups.com
Email posted to listserve on April 8, 2014 (attached); response: None



Richard Grubb & Associates, Inc.
Cultural Resource Consultants

DBE/WBE/SBE Certified

email: mail@richardgrubb.com • www.richardgrubb.com

April 8, 2014

David Wall, Chair
Tenaflly Historic Preservation Commission
Tenaflly Borough Hall
100 Riveredge Road
Tenaflly, NJ 07670

Re: Phase I Archaeological Survey Tenaflly Nature Center
Education and Discovery Center
Borough of Tenaflly, Bergen County, New Jersey

Dear Mr. Wall:

The Tenaflly Nature Center proposes the development of a new education and discovery center on a portion of Block 2702, Lot 1 in the Borough of Tenaflly, Bergen County which lies east of East Clinton Avenue. Purchase of the parcel was partially funded by a grant issued by the United States Forest Service (USFS), Land & Water Conservation Fund.

Since Federal funds were used to acquire the property, the project is considered a "Significant Change of Use" (SCU) and must meet the requirements of Section 106 of the National Historic Preservation Act and 36 CFR Part 800: Protection of Historic Properties, which requires that project effects on significant historic and/or prehistoric resources be taken into account. It is also our understanding that an Environmental Assessment (EA) is required under the National Environmental Policy Act (NEPA). In advance of the proposed project, Richard Grubb & Associates, Inc. is completing a Phase I archaeological survey. The purpose of the Phase I archaeological survey is to identify the presence or absence of potentially significant archaeological resources within the Area of Potential Effects (APE) for the project. Archaeological resources eligible for listing on the National Register of Historic Places must be identified in order to determine if the project will affect such resources.

Section 106 entitles parties with a demonstrated interest in archaeology, history or historic preservation to review, and provide comments for the project. If you are aware of any significant archaeological resources that may be affected by the project or have any information regarding the project area, please respond within 15 days of the receipt of this letter. Enclosed for your use is a USGS map showing the project location. If you have any concerns, or information pertinent to this project, RGA would be interested in receiving your comments in writing. Please feel free to contact me at 609-655-0692 ext. 311 or via email at ibailey@richardgrubb.com.

Sincerely,

Ilene Grossman-Bailey, Ph.D., RPA
Principal Investigator/Senior Archaeologist

Encl.

cc: Randolph R. Croxton, FAIA, LEED AP, President, Croxton Collaborative Architects LLC
Ellen V. Kuhn, Acting Director, Tenaflly Nature Center

New Jersey, Headquarters
259 Prospect Plains Road • Building D
Cranbury, New Jersey 08512
609-655-0692 • fax: 609-655-3050

Pennsylvania
PMB 301 • 3440 Lehigh Street
Allentown, Pennsylvania 18103
610-435-4525 • fax: 610-821-7988

Maryland
PMB 157 • 861 Washington Avenue
Chestertown, Maryland 21620
410-420-7422

Ohio
140 Gross Street • #123
Marietta, Ohio 45750
740-434-0302

4-9-2014 Email to Neus Phase I Archaeological Survey Tenaflly Nature Center.txt

From: Ilene Grossman-Bailey
Sent: Wednesday, April 09, 2014 10:02 AM
To: 'neus@optonline.net'
Cc: 'ellen v. kuhn'
Subject: Re: Phase I Archaeological Survey Tenaflly Nature Center
Attachments: 14-074 usgs for consultation smaller size.pdf; THPC Consultation Letter 4-8-2014.docx

Dear Ms. Neus, I have attached a copy of the letter sent to Mr. Wall per a request from Ms. Kuhn of the Tenaflly Nature Center. We will be doing the archaeological fieldwork next week. Please feel free to contact me via email or by phone if you have any information about archaeological or historical resources within the project. Thanks, Ilene

Ilene Grossman-Bailey, Ph.D., RPA
Senior Archaeologist
Richard Grubb & Associates, Inc.
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Cranbury, NJ 08512
609-655-0692 ext. 311 (phone)
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4-9-2014 Email to Tremble Phase I Archaeological Survey Tenaflly Nature Center.txt
From: Ilene Grossman-Bailey
Sent: Wednesday, April 09, 2014 10:06 AM
To: 'ktremble13@gmail.com'
Cc: 'ekuhn@tenafllynaturecenter.org'
Subject: Re: Phase I Archaeological Survey Tenaflly Nature Center
Attachments: 14-074 usgs for consultation smaller size.pdf; THPC Consultation Letter
4-8-
2014.docx

Dear Mr. Tremble, I have attached a copy of a letter and map sent to Mr. Wall of the Tenaflly Historic Preservation Commission per a request from Ms. Kuhn of the Tenaflly Nature Center. We will be doing the archaeological fieldwork next week. Please feel free to contact me via email or by phone if you have any information about archaeological or historical resources within the project. Thanks, Ilene

Ilene Grossman-Bailey, Ph.D., RPA
Senior Archaeologist
Richard Grubb & Associates, Inc.
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4-9-2014 Email to Stephanowicz Phase I Archaeological Survey Tenaflly Nature Center.txt
From: Ilene Grossman-Bailey
Sent: Wednesday, April 09, 2014 10:08 AM
To: 'pjstef@yahoo.com'
Cc: 'ekuhn@tenafllynaturecenter.org'
Subject: RE: Phase I Archaeological Survey Tenaflly Nature Center
Attachments: 14-074 usgs for consultation smaller size.pdf; THPC Consultation Letter 4-8-2014.docx

Dear Mr. Stephanowicz, I have attached a copy of a letter and map sent to Mr. Wall of the Tenaflly Historic Preservation Commission per a request from Ms. Kuhn of the Tenaflly Nature Center. We will be doing the archaeological fieldwork next week. Please feel free to contact me via email or by phone if you have any information about archaeological or historical resources within the project. I will be mailing a copy of the letter to Ms. Alice Rigney, Borough Historian. Thanks, Ilene

Ilene Grossman-Bailey, Ph.D., RPA
Senior Archaeologist
Richard Grubb & Associates, Inc.
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Richard Grubb & Associates, Inc.
Cultural Resource Consultants

DBE/WBE/SBE Certified

email: mail@richardgrubb.com • www.richardgrubb.com

April 9, 2014

Alice Rigney, Borough Historian
48 Knoll Rd.
Tenafly, NJ 07670

Re: Phase I Archaeological Survey Tenafly Nature Center
Education and Discovery Center
Borough of Tenafly, Bergen County, New Jersey

Dear Ms. Rigney:

The Tenafly Nature Center proposes the development of a new education and discovery center on a portion of Block 2702, Lot 1 in the Borough of Tenafly, Bergen County which lies east of East Clinton Avenue. Purchase of the parcel was partially funded by a grant issued by the United States Forest Service (USFS), Land & Water Conservation Fund.

Since Federal funds were used to acquire the property, the project is considered a "Significant Change of Use" (SCU) and must meet the requirements of Section 106 of the National Historic Preservation Act and 36 CFR Part 800: Protection of Historic Properties, which requires that project effects on significant historic and/or prehistoric resources be taken into account. It is also our understanding that an Environmental Assessment (EA) is required under the National Environmental Policy Act (NEPA). In advance of the proposed project, Richard Grubb & Associates, Inc. is completing a Phase I archaeological survey. The purpose of the Phase I archaeological survey is to identify the presence or absence of potentially significant archaeological resources within the Area of Potential Effects (APE) for the project. Archaeological resources eligible for listing on the National Register of Historic Places must be identified in order to determine if the project will affect such resources.

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Sincerely,

Ilene Grossman-Bailey, Ph.D., RPA
Principal Investigator/Senior Archaeologist

Encl.

cc: Randolph R. Croxton, FAIA, LEED AP, President, Croxton Collaborative Architects LLC
Ellen V. Kuhn, Acting Director, Tenafly Nature Center

New Jersey, Headquarters
259 Prospect Plains Road • Building D
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Chestertown, Maryland 21620
410-420-7422

Ohio
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Marietta, Ohio 45750
740-434-0302



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April 8, 2014

Jim Smith, President
Bergen County Historical Society
P.O. Box 55
River Edge, New Jersey 07661

Re: Phase I Archaeological Survey Tenafly Nature Center
Education and Discovery Center
Borough of Tenafly, Bergen County, New Jersey

Dear Mr. Smith:

The Tenafly Nature Center proposes the development of a new education and discovery center on a portion of Block 2702, Lot 1 in the Borough of Tenafly, Bergen County which lies east of East Clinton Avenue. Purchase of the parcel was partially funded by a grant issued by the United States Forest Service (USFS), Land & Water Conservation Fund.

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Sincerely,

Ilene Grossman-Bailey, Ph.D., RPA
Principal Investigator/Senior Archaeologist

Encl.

cc: Randolph R. Croxton, FAIA, LEED AP, President, Croxton Collaborative Architects LLC
Ellen V. Kuhn, Acting Director, Tenafly Nature Center

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April 8, 2014

Carol Messer, Director
Bergen County Division of Cultural And Historical Affairs
One Bergen County Plaza, 4th Floor
Hackensack NJ, 07601

Re: Phase I Archaeological Survey Tenafly Nature Center
Education and Discovery Center
Borough of Tenafly, Bergen County, New Jersey

Dear Ms. Messer:

The Tenafly Nature Center proposes the development of a new education and discovery center on a portion of Block 2702, Lot 1 in the Borough of Tenafly, Bergen County which lies east of East Clinton Avenue. Purchase of the parcel was partially funded by a grant issued by the United States Forest Service (USFS), Land & Water Conservation Fund.

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Sincerely,

Ilene Grossman-Bailey, Ph.D., RPA
Principal Investigator/Senior Archaeologist

Encl.

cc: Randolph R. Croxton, FAIA, LEED AP, President, Croxton Collaborative Architects LLC
Ellen V. Kuhn, Acting Director, Tenafly Nature Center

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Marietta, Ohio 45750
740-434-0302



Ilene Grossman-Bailey <ilenebailey36@gmail.com>

Consultation request: Phase I Archaeological Survey Tenaflly Nature Center

Ilene Grossman-Bailey <ilenebailey36@gmail.com>

Tue, Apr 8, 2014 at 11:13 AM

To: "asnj@yahooogroups.com" <asnj@yahooogroups.com>

The Tenaflly Nature Center proposes the development of a new education and discovery center on a portion of Block 2702, Lot 1 in the Borough of Tenaflly, Bergen County which lies east of East Clinton Avenue. Purchase of the parcel was partially funded by a grant issued by the United States Forest Service (USFS), Land & Water Conservation Fund.

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--

Ilene Bailey
ilenebailey36@gmail.com

APPENDIX D: SHOVEL TEST PIT LOG

APPENDIX D: SHOVEL TEST PIT LOG

<u>TEST</u>	<u>DEPTH*</u>	<u>STRATUM</u>	<u>MUNSELL</u>	<u>SOIL DESCRIPTION</u>	<u>COMMENTS/ARTIFACTS</u>
<u>ROADSIDE STPs</u>					
1	0.0-0.45	A	10YR 3/2	Silt Loam w/ Roots	NR: (Modern Trash)
	0.45-1.45	B	10YR 5/6	Silty Clay Loam w/ Roots & Rocks	NCM
2	0.0-0.4	Fill 1	10YR 3/2	Sandy Loam w/ Rocks	NR: (Plastic)
	0.4-0.9	Fill 2	10YR 3/2 m/w 10YR 5/8	Sandy Loam w/ Rocks	NR: (Plastic)
	0.9-1.4	Ab	10YR 3/3	Sandy Loam w/ Rocks	NR: (Plastic) Stopped by rock
3	0.0-0.3	Fill 1	10YR 3/2	Silt Loam w/ Roots	NR: (Beer Bottle Glass)
	0.3-2.15	Fill 2	5Y 5/4	Silt Loam w/ Rocks	NCM
	2.15-2.3	Ab	10YR 3/1	Silt Loam w/ Roots	NCM
	2.3-2.5	B	10YR 5/4	Silt Loam w/ Rocks	NCM Stopped by rock
4	0.0-0.4	Fill 1	10YR 2/1	Sandy Loam	NCM
	0.4-0.6	Fill 2	10YR 3/2 m/w 10YR 5/8	Sandy Loam	NCM
	0.6-1.4	B	10YR 5/8	Silty Clay	NCM Stopped by water
5	0.0-0.5	A	10YR 3/2	Silt Loam w/ Roots	NR: (Beer Bottle Glass)
	0.5-1.6	B	10YR 5/6	Silty Clay Loam w/ Roots & Rocks	NCM
6	0.0-1.0	A	10YR 2/1	Sandy Loam w/ Small Boulder	NCM
	1.0-1.7	B	10YR 6/8 m/w 10YR 6/3	Silty Clay	NCM
7	0.0-0.6	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.6-1.6	B	10YR 5/4 m/w 10YR 5/6	Silty Clay Loam	NCM
8	0.0-1.0	A	10YR 2/1	Sandy Loam w/ Roots & Rocks	NR: (Modern Glass & Plastic) Stopped by roots & rocks
9	0.0-0.85	A	10YE 2/2	Silt Loam w/ Roots & Rocks	NCM Stopped by rock; water at 0.4' BGS
10	0.0-1.3	Fill	10YR 3/2	Silt Loam w/ Roots	NR: (Modern Trash) Stopped by water
11	0.0-0.6	Fill 1	10YR 2/2	Silt Loam w/ Roots	NR: (Plastic & Glass)
	0.6-1.5	Fill 2	10YR 3/2	Silt Loam w/ Roots	NR: (Plastic & Glass) Stopped by rock; water at 1.4' BGS
12	0.0-1.8	A	10YR 2/1	Sandy Loam w/ Roots & Rocks	NR: (Asphalt & Glass)
	1.8-2.0	B	10YR 5/6	Sandy Loam w/ Roots & Rocks	NCM Stopped by roots & rocks
13	0.0-0.3	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.3-1.3	B	10YR 5/4	Silt Loam w/ Rocks	NCM
14	0.0-0.55	A	10YR 3/1	Silt Loam w/ Roots & Rocks	NCM
	0.55-1.7	B	7.5YR 5/6	Sandy Silt Loam w/ Roots & Rocks	NCM
15	0.0-0.5	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.5-1.5	B	10YR 5/4	Silt Loam w/ Rocks	NCM
16	0.0-0.2	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.2-0.7	A	10YR 3/1	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.7-1.7	B	7.5YR 5/6	Silty Clay Loam w/ Roots & Rocks	NCM
17	0.0-0.7	A	10YR 2/2	Sandy Loam w/ Rocks	NR: (Modern Glass & Plastic)
	0.7-1.7	B	10YR 5/6	Sandy Loam w/ Rocks	NCM
18	0.0-0.5	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.5-1.3	B	10YR 5/6	Silt Loam w/ Rocks	NCM Stopped by rocks
19	0.0-0.2	Fill 1	10YR 3/2	Silt Loam	NCM
	0.2-0.4	Fill 2	2.5YR 5/6	Clay Loam w/ Cobbles	NCM
	0.4-1.4	B	10YR 5/6	Silty Clay Loam w/ Rocks	NCM

<u>TEST</u>	<u>DEPTH*</u>	<u>STRATUM</u>	<u>MUNSELL</u>	<u>SOIL DESCRIPTION</u>	<u>COMMENTS/ARTIFACTS</u>
20	0.0-0.6	A	10YR 2/2	Sandy Loam w/ Rocks	NR: (Modern Glass)
	0.6-1.6	B	10YR 5/6	Sandy Loam w/ Rocks	NCM
21	0.0-0.5	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.5-1.5	B	10YR 5/6	Silt Loam w/ Rocks	NCM
22	0.0-0.4	Fill 1	10YR 2/2	Sandy Silt Loam	NCM
	0.4-1.0	Fill 2	10YR 4/6	Coarse Sand w/ Pebbles & Cobbles	NCM
	1.0-2.0	B	7.5YR 6/6	Silty Clay Loam	NCM Water @ 1.8' BGS
23	0.0-0.2	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.2-0.6	A	10YR 2/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.6-1.7	B	7.5YR 5/6	Sandy Clay Loam w/ Roots & Rocks	NCM
24	0.0-0.4	A	10YR 3/2	Silt Loam w/ Roots	NR: (Plastic)
	0.4-1.4	B	10YR 5/6	Silt Loam w/ Rocks	NCM
25	0.0-0.65	Fill	10YR 3/2	Sand	NR: (Plastic, Automotive Glass, Modern Glass)
	0.65-1.0	Ab	10YR 4/4	Clay Loam	NCM
	1.0-2.0	B	10YR 5/8	Clay w/ Large Cobbles	NCM
26	0.0-0.7	A	10YR 2/2	Sandy Loam w/ Rocks	NR: (Plastic)
	0.7-1.7	B	10YR 5/6	Sandy Loam w/ Rocks	NCM
27	0.0-0.3	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.3-1.3	B	10YR 5/6	Silt Loam w/ Rocks	NCM
28	0.0-0.2	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.2-0.6	A	10YR 2/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.6-1.4	B	7.5YR 5/6	Sandy Loam w/ Roots & Rocks	NCM Stopped by rock
29	0.0-0.4	A	10YR 2/2	Sandy Loam w/ Rocks	NCM
	0.4-1.4	B	10YR 5/6	Sandy Loam w/ Rocks	NCM
<u>NEW CENTER AREA STPs</u>					
30	0.0-0.4	O	10YR 3/2	Clay Loam w/ Humus	NCM
	0.4-1.4	B	10YR 5/8	Clay Loam w/ Large Cobbles	NCM
31	0.0-0.6	O	10YR 3/2	Clay Loam w/ Humus	NCM
	0.6-1.6	B	10YR 5/6	Clay Loam w/ Large Cobbles	NCM
32	0.0-0.3	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.3-1.4	B	10YR 5/6	Silt Loam w/ Roots & Rocks	NCM
33	0.0-0.3	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.3-1.4	B	10YR 5/6	Silt Loam w/ Roots & Rocks	NCM
34	0.0-0.2	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.2-0.6	A	10YR 2/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.6-1.4	B	7.5YR 6/6	Silty Clay Loam w/ Rocks	NCM
35	0.0-0.2	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.2-0.4	A	10YR 2/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.4-1.6	B	7.5YR 6/6	Silty Clay Loam w/ Rocks	NCM
36	0.0-0.2	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.2-0.5	A	10YR 2/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.5-1.6	B	7.5YR 6/6	Sandy Clay Loam w/ Rocks	NCM
37	0.0-0.4	A	10YR 2/1	Sandy Loam	NCM
	0.4-1.4	B	10YR 5/4	Sandy Loam w/ Rocks	NCM
38	0.0-0.3	A	10YR 2/1	Sandy Loam	NCM
	0.3-1.3	B	10YR 5/4	Sandy Loam w/ Rocks	NCM
39	0.0-0.2	A	10YR 2/1	Sandy Loam	NCM
	0.2-1.2	B	10YR 5/2	Sandy Loam	NCM

<u>TEST</u>	<u>DEPTH*</u>	<u>STRATUM</u>	<u>MUNSELL</u>	<u>SOIL DESCRIPTION</u>	<u>COMMENTS/ARTIFACTS</u>
40	0.0-0.3	O	10YR 3/2	Sandy Loam w/ Humus	NCM
	0.3-0.4	B	10YR 5/8	Clay Loam	NCM Stopped by Large boulder
41	0.0-0.15	A	10YR 2/1	Sandy Loam	NCM
	0.15-1.2	B	10YR 5/4	Sandy Loam w/ Rocks	NCM
42	0.0-0.3	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.3-1.3	B	10YR 5/6	Silt Loam w/ Rocks	NCM
43	0.0-0.4	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.4-1.4	B	10YR 5/6	Silt Loam w/ Roots & Rocks	NCM
44	0.0-0.35	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.35-1.35	B	10YR 5/6	Silt Loam w/ Roots & Rocks	NCM
45	0.0-0.4	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.4-1.4	B	10YR 5/6	Silt Loam w/ Roots & Rocks	NCM Water at 1.0' BGS
46	0.0-0.3	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.3-1.3	B	10YR 5/6	Silt Loam w/ Rocks	NCM
47	0.0-0.45	A	10YR 2/1	Silt Loam w/ Roots & Rocks	NCM
	0.45-1.1	B	10YR 6/6	Silty Clay Loam w/ Rocks	NCM Stopped by rock
48	0.0-0.1	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.1-0.4	A	10YR 2/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.4-1.4	B	7.5YR 6/6	Silty Clay Loam w/ Rocks	NCM
49	0.0-0.15	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.15-0.3	A	10YR 2/2	Silt Loam	NCM
	0.3-1.4	B	10YR 6/6	Silty Clay w/ Rocks	NCM
50	0.0-0.45	A	10YR 2/2	Silt Loam w/ Roots & Rocks	NCM
	0.45-1.5	B	10YR 6/6	Silty Clay Loam w/ Rocks	NCM Water at 1.4' BGS
51	0.0-0.5	A	10YR 2/1	Sandy Loam w/Roots	NCM
	0.5-1.0	B	10YR 5/6	Sandy Clay Loam w/ Rocks	NCM Stopped by rock
52	0.0-0.2	A	10YR 2/1	Sandy Loam w/Roots	NCM
	0.2-0.9	B	10YR 5/6	Sandy Clay Loam w/ Roots &Rocks	NCM Stopped by rock
53	0.0-0.1	O	10YR 2/1	Sandy Loam w/ Roots & Rocks	NCM
	0.1-0.3	A	10YR 4/3	Sandy Loam w/ Roots & Rocks	NCM
	0.3-1.3	B	10YR 5/6	Sandy Clay Loam	NCM
54	0.0-0.2	O	10YR 2/1	Sandy Loam w/ Roots & Rocks	NCM
	0.2-0.4	A	10YR 4/3	Sandy Loam w/ Roots & Rocks	NCM
	0.4-1.4	B	10YR 5/6	Sandy Clay Loam	NCM
55	0.0-0.4	O	10YR 3/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.4-1.4	B	10YR 5/6	Sandy Clay Loam w/ Rocks	NCM
56	0.0-0.3	O	10YR 3/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.3-1.3	B	10YR 5/6	Sandy Clay Loam w/ Rocks	NCM
57	0.0-0.3	O	10YR 3/2	Sandy Silt Loam w/ Roots & Rocks	NCM
	0.3-1.3	B	7.5YR 5/4	Sandy Silt Loam w/ Rocks	NCM
58	0.0-0.3	O	10YR 3/2	Sandy Silt Loam w/ Rocks	NCM
	0.3-1.3	B	7.5YR 5/4	Sandy Clay Loam w/ Rocks	NCM Stopped by water
59	0.0-0.2	A	10YR 2/1	Silt Loam	NCM
	0.2-0.8	B	10YR 5/8	Silt Loam	NCM Stopped by roots & rocks

<u>TEST</u>	<u>DEPTH*</u>	<u>STRATUM</u>	<u>MUNSELL</u>	<u>SOIL DESCRIPTION</u>	<u>COMMENTS/ARTIFACTS</u>
60	0.0-0.2	A	10YR 2/1	Silt Loam	NCM
	0.2-1.3	B	10YR 5/8	Silt Loam	NCM
61	0.0-0.2	A	10YR 2/1	Silt Loam	NCM
	0.2-0.8	B	10YR 5/8	Silt Loam	NCM Stopped by water
62	0.0-0.3	A	10YR 2/1	Silt Loam	NCM
	0.3-1.3	B	10YR 5/8	Silt Loam	NCM
63	0.0-0.5	A	10YR 2/2	Silt Loam w/ Roots	NCM
	0.5-1.0	B	10YR 6/2	Silty Clay	NCM Stopped by water
64	0.0-0.3	A	10YR 2/2	Silt Loam w/ Roots & Rocks	NCM
	0.3-0.5	B	10YR 5/6	Silt Loam w/ Roots & Rocks	NCM Stopped by rock
65	0.0-0.1	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.1-0.4	A	10YR 2/2	Silt Loam w/ Roots & Rocks	NCM
	0.4-1.3	B	10YR 6/6	Silt Loam w/ Rocks	NCM Stopped by rock
66	0.0-0.15	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.15-0.5	A	10YR 2/2	Silt Loam w/ Roots & Rocks	NCM
	0.5-1.5	B	10YR 6/6	Silty Clay Loam w/ Roots & Rocks	NCM
67	0.0-0.1	O	10YR 3/2	Silt Loam w/ Humus	NCM
	0.1-0.35	A	10YR 2/2	Silt Loam w/ Roots & Rocks	NCM
	0.35-1.5	B	10YR 6/6	Silty Clay Loam w/ Roots & Rocks	NCM
68	0.0-0.3	O	10YR 2/1	Sandy Loam w/ Roots & Rocks	NCM
	0.3-0.6	A	10YR 4/3	Sandy Loam w/ Roots & Rocks	NCM Stopped by water
69	0.0-0.2	O	10YR 2/1	Sandy Loam w/ Roots & Rocks	NCM
	0.2-0.4	A	10YR 4/3	Sandy Loam w/ Roots & Rocks	NCM
	0.4-1.0	B	10YR 5/6	Sandy Clay Loam w/ Rocks	NCM Stopped by rock
70	0.0-0.2	O	10YR 2/1	Sandy Loam w/ Roots & Rocks	NCM
	0.2-0.4	A	10YR 4/3	Sandy Loam w/ Roots & Rocks	NCM
	0.4-1.4	B	10YR 5/6	Sandy Clay Loam w/ Rocks	NCM
71	0.0-0.2	O	10YR 2/1	Sandy Loam w/ Roots & Rocks	NCM
	0.2-0.4	A	10YR 4/3	Sandy Loam w/ Roots & Rocks	NCM
	0.4-1.3	B	10YR 5/6	Sandy Clay Loam	NCM Stopped by water
72	0.0-0.2	O	10YR 2/1	Sandy Loam w/ Roots & Rocks	NCM
	0.2-0.6	A	10YR 4/3	Sandy Loam w/ Roots & Rocks	NCM
	0.6-1.6	B	10YR 4/6	Sandy Clay Loam	NCM
73	0.0-0.3	O	10YR 3/2	Sandy Silt Loam w/ Roots & Pebbles	NCM
	0.3-1.3	B	7.5YR 5/4	Sandy Clay Loam w/ Rocks	NCM
74	0.0-0.2	O	10YR 2/1	Silt Loam w/ Humus & Roots	NCM
	0.2-1.2	B	10YR 6/6	Sandy Clay Loam w/ Rocks	NCM
75	0.0-0.3	O	10YR 3/2	Sandy Silt Loam w/ Roots & Pebbles	NCM
	0.3-1.3	B	10YR 5/6	Sandy Silt Loam w/ Roots & Rocks	NCM
76	0.0-0.3	O	10YR 3/2	Sandy Silt Loam w/ Roots & Pebbles	NCM
	0.3-1.3	B	10YR 5/6	Sandy Clay Loam w/ Roots & Rocks	NCM
77	0.0-0.25	O	10YR 3/2	Sandy Silt Loam	NCM
	0.25-1.15	B	7.5YR 5/4	Sandy Silt Loam	NCM Stopped by water
78	0.0-0.35	A	10YR 2/1	Sandy Loam	NCM
	0.35-1.35	B	7.5YR 5/8	Sandy Loam	NCM

<u>TEST</u>	<u>DEPTH*</u>	<u>STRATUM</u>	<u>MUNSELL</u>	<u>SOIL DESCRIPTION</u>	<u>COMMENTS/ARTIFACTS</u>
79	0.0-0.3	A	10YR 2/1	Silt Loam	NCM
	0.3-1.3	B	10YR 5/8	Silt Loam	NCM
80	0.0-0.25	A	10YR 2/1	Sandy Loam	NCM
	0.25-1.4	B	10YR 5/8	Sandy Loam	NCM
81	0.0-0.1	A	10YR 2/1	Sandy Loam	NCM
	0.1-1.1	B	10YR 5/8	Sandy Loam	NCM
82	0.0-0.35	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.35-1.35	B	10YR 5/6	Silt Loam w/ Rocks	NCM
83	0.0-0.25	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.25-1.25	B	10YR 5/6	Silt Loam w/ Rocks	NCM
84	0.0-0.3	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.3-1.0	B	10YR 5/6	Silt Loam w/ Rocks	NCM Stopped by rocks
85	0.0-0.2	A	10YR 3/2	Silt Loam w/ Roots	NCM
	0.2-1.2	B	10YR 5/6	Silt Loam w/ Rocks	NCM
86	0.0-0.4	A	10YR 3/3	Sandy Silt Loam w/ Roots & Pebbles	NCM
	0.4-1.5	B	10YR 5/6	Sandy Silt Loam w/ Roots & Rocks	NCM

Key:

* Depth in feet below ground surface

m/w = Mottled With

NCM = No Cultural Material

NR = Not Retained

BGS = Below Ground Surface

APPENDIX E: ANNOTATED BIBLIOGRAPHY

Author: Ilene Grossman-Bailey, PhD., RPA
Title: Phase I Archaeological Survey, Tenaflly Nature Center, New Education and
Discovery Center, Borough of Tenaflly, Bergen County, New Jersey
HPO Project No.: 13-1475 HPO H2013-054
Date: April 2014
RGA Database Title: Tenaflly Nature Center
RGA Project No: 2014-074
State: New Jersey
County: Bergen
Municipalities: Tenaflly Borough
U.S.G.S. Quad: Yonkers, NY-NJ
Drainage Basin: Green Brook, Hudson River, Lower Raritan Bay, Atlantic Ocean
Regulation: Section 106
Project Type: Development and road improvements
Project Sponsor: Tenaflly Nature Center
Client: Croxton Collaborative Architects LLC
Level of Survey: Phase I Archaeological Survey
Cultural Resources: None

APPENDIX B



HPO Project No. 13-1475-2,-3
HPO-G2014-036

State of New Jersey

MAIL CODE 501-04B

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NATURAL & HISTORIC RESOURCES

HISTORIC PRESERVATION OFFICE

P.O. Box 420

Trenton, NJ 08625-0420

TEL. (609) 984-0176 FAX (609) 984-0578

CHRIS CHRISTIE

Governor

BOB MARTIN

Commissioner

KIM GUADAGNO

Lt. Governor

July 3, 2014

Martha Sullivan Sapp, Acting Administrator
State Land Acquisition
Department of Environmental Protection
Green Acres Program
Mail Code 501-01
P.O. Box 420
Trenton, NJ 08625-0420

Dear Acting Administrator Sapp:

As Deputy State Historic Preservation Officer for New Jersey, in accordance with 36 CFR 800: Protection of Historic Properties, as published in the Federal Register on December 12, 2000 (65 FR 777698-77739) and as amended on July 6, 2004 (69 FR 40544-40555), I am providing Continuing Consultation Comments for the following proposed project:

**Bergen County, Tenafly Borough
Tenafly Nature Center, change of Use
Block 2701, Lot 1
Phase I Cultural Resource Survey
United States Forest Service, Land & Water Conservation Fund**

The consultation comments below are in response to the following archaeological survey report received at the Historic Preservation Office (HPO) for review and comment:

Grossman-Bailey, Ilene

May 21, 2014 *Phase I Archaeological Survey, Tenafly Nature Center, New Education and Discovery Center, Borough of Tenafly, Bergen County, New Jersey. Prepared for the Tenafly Nature Center. Prepared by Richard Grubb and Associates, Inc., Cranbury, NJ.*

800.4 Identification of Historic Properties

The HPO concurs with the above referenced report that Phase IB archaeological testing did not identify the presence of any archaeological resources within the project's area of potential affects (APE). In addition, based on submitted documentation, the HPO concurs that the undertaking will not be visible to either the Palisades Interstate Park National Historic Landmark or the National Register listed Palisades Interstate Parkway Historic District.

In light of the above, as the Deputy State Historic Preservation Officer, I find that there are **no historic properties effected** (NE) within the Tenaflly Nature Center APE. In consequence, pursuant to 36 CFR Part 800.4(d)(1), no further Section 106 consultation is required unless resources are discovered during project implementation, pursuant to 800.13.

Additional Comments

Thank you again for providing the opportunity to review and comment on the potential for the above-referenced undertaking to affect historic properties. Please reference the HPO project number 13-1475 in any future calls, emails, submission or written correspondence to help expedite your review and response. If you have any questions, please feel free to contact Vincent Maresca of my staff at (609) 633-2395 with questions regarding archaeology or Sara Andre (609-292-0032) with questions regarding historic architecture, historic districts, or historic landscapes.

Sincerely,



Daniel D. Saunders
Deputy State Historic
Preservation Officer

c. Steve Jandoli, NJDEP-Green Acres
Ellen Kuhn, Tenaflly Nature Center
David Wall, Tenaflly Historic Preservation Commission
Ilene Grossman-Bailey, Richard Grubb

APPENDIX C

Tenaflly Nature Center Proposed

313 Hudson Ave
Tenaflly, NJ 07670

Inquiry Number: 3986737.6s
June 30, 2014

EDR Summary Radius Map Report

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

313 HUDSON AVE
TENAFLY, NJ 07670

COORDINATES

Latitude (North):	40.9092000 - 40° 54' 33.12"
Longitude (West):	73.9430000 - 73° 56' 34.80"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	589020.3
UTM Y (Meters):	4529003.5
State Plane X (Feet):	646071.4
State Plane Y (Feet):	756607.1
Elevation:	416 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	USGS 7.5 min quad index

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2010, 2011
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
313 HUDSON AVE
TENAFLY, NJ 07670

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
Reg	HUDSON RIVER PCBS	NO STREET APPLICABLE	NPL, CERCLIS, RCRA-LQG, US ENG CONTROLS, US INST...	Same	2980, ESE
1		24 JEAN DR	SHWS, NJ Release	Lower	2629, South
2	27 SUFFOLK LANE	27 SUFFOLK LN	SHWS, NJ Release, NJEMS	Lower	2873, WNW
3	17 CAROL DRIVE	17 CAROL DR	SHWS, NJEMS	Lower	3003, SSW
4		542 ILLINGWORTH AVE	SHWS, NJ Release	Lower	3525, SW
5	60 WOODLAND PARK DRI	60 WOODLAND PARK DR	SHWS, NJ Release, VCP, NJEMS	Lower	4385, WNW
6	76 FOREST ROAD	76 FOREST RD	SHWS, NJEMS	Lower	5108, NNW
7	351 LEWELEN CIRCLE	351 LEWELEN CIR	SHWS, NJEMS	Lower	5156, SW
8	15 HOWARD PARK DRIVE	15 HOWARD PARK DR	SHWS, NJEMS	Lower	5263, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

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

Federal NPL site list

NPL: A review of the NPL list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 NPL site 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>
<i>HUDSON RIVER PCBS</i>	<i>NO STREET APPLICABLE</i>	<i>ESE 1/2 - 1 (0.564 mi.)</i>	<i>0</i>	<i>8</i>

State- and tribal - equivalent CERCLIS

SHWS: A review of the SHWS list, as provided by EDR, and dated 06/04/2014 has revealed that there are 8 SHWS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>Not reported</i>	<i>24 JEAN DR</i>	<i>S 1/4 - 1/2 (0.498 mi.)</i>	<i>1</i>	<i>8</i>
<i>27 SUFFOLK LANE</i> Status: Closed	<i>27 SUFFOLK LN</i>	<i>WNW 1/2 - 1 (0.544 mi.)</i>	<i>2</i>	<i>8</i>
<i>17 CAROL DRIVE</i> Status: Closed	<i>17 CAROL DR</i>	<i>SSW 1/2 - 1 (0.569 mi.)</i>	<i>3</i>	<i>8</i>
<i>Not reported</i> Status: Closed	<i>542 ILLINGWORTH AVE</i>	<i>SW 1/2 - 1 (0.668 mi.)</i>	<i>4</i>	<i>9</i>
<i>60 WOODLAND PARK DRI</i> Status: Closed	<i>60 WOODLAND PARK DR</i>	<i>WNW 1/2 - 1 (0.830 mi.)</i>	<i>5</i>	<i>9</i>
<i>76 FOREST ROAD</i> Status: Closed	<i>76 FOREST RD</i>	<i>NNW 1/2 - 1 (0.967 mi.)</i>	<i>6</i>	<i>9</i>
<i>351 LEWELEN CIRCLE</i> Status: Closed	<i>351 LEWELEN CIR</i>	<i>SW 1/2 - 1 (0.977 mi.)</i>	<i>7</i>	<i>9</i>

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
15 HOWARD PARK DRIVE Status: Closed	15 HOWARD PARK DR	WNW 1/2 - 1 (0.997 mi.)	8	10

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

CONSENT: A review of the CONSENT list, as provided by EDR, and dated 12/31/2013 has revealed that there is 1 CONSENT site 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>
HUDSON RIVER PCBS	NO STREET APPLICABLE	ESE 1/2 - 1 (0.564 mi.)	0	8

ROD: A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

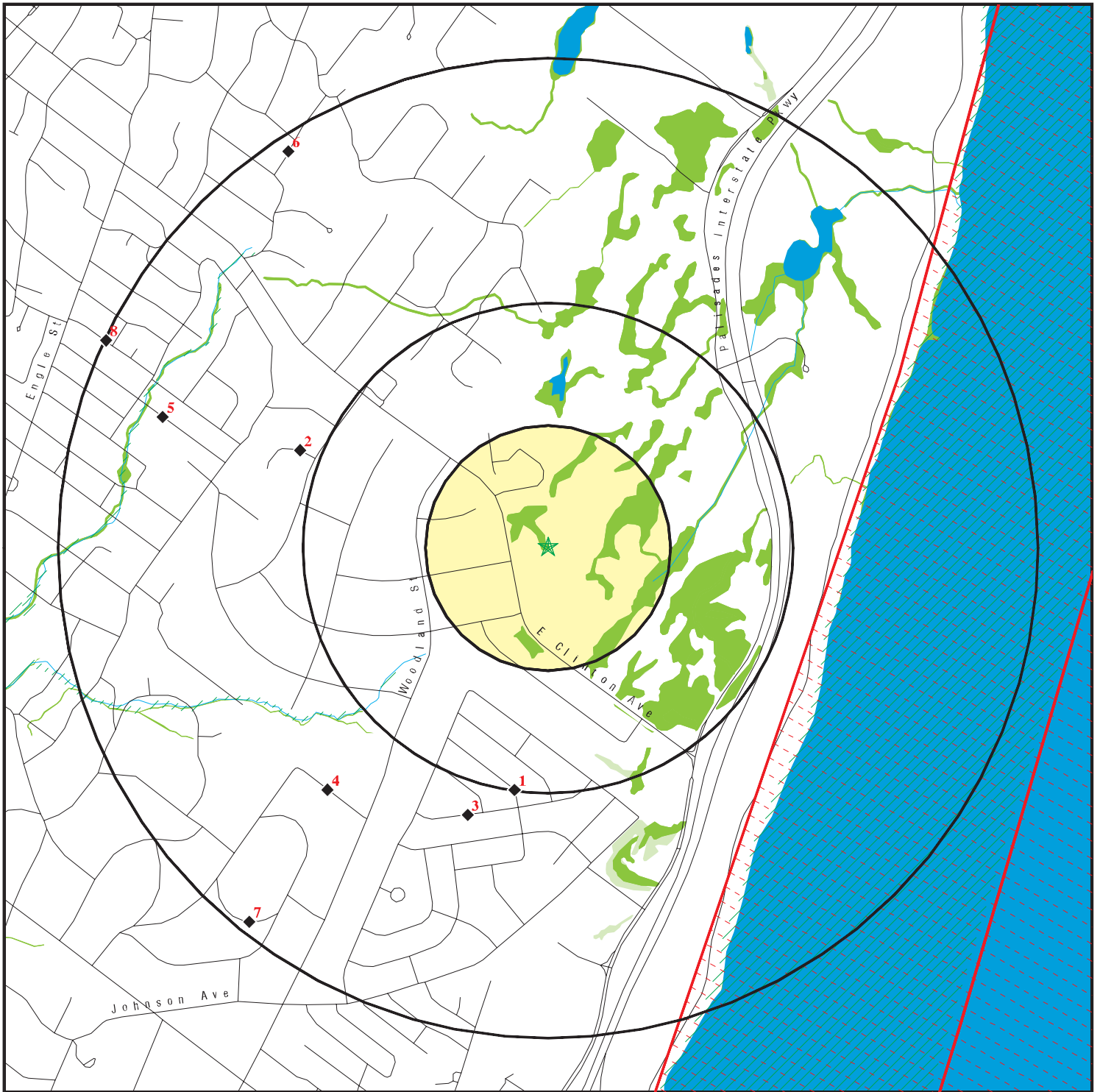
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HUDSON RIVER PCBS	NO STREET APPLICABLE	ESE 1/2 - 1 (0.564 mi.)	0	8

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CLARKSTOWN	S113916856	KYTO DIAGNOSTICS	47 ROUTE 303	07670	SHWS
CRESSKILL	S108974252	TAMCREST COUNTRY CLUB, (CART WASH	RTE 9 W & MONTAMMY DR	07631	VCP
ENGLEWOOD	1004752339	TEXACO STATION - FORMER	RTE 4 & S VAN BRUNT ST	07631	RCRA NonGen / NLR, NPDES
ENGLEWOOD	1004751618	SUNOCO SERVICE STATION	137 RTE 4 W	07631	RCRA NonGen / NLR
ENGLEWOOD	1000338042	EXXON USA CO - 3 TORRES BROS	RTE 4 W	07631	RCRA NonGen / NLR
ENGLEWOOD	1000337662	EXXON SERVICE STATION ENGLEWOOD	HUDSON & ORCHARD	07631	RCRA NonGen / NLR
ENGLEWOOD CITY	S113924691		484 ROUTE 4 EAST	07631	SHWS, NJ Release
ENGLEWOOD CITY	S108972631	DENALI SER CTR	RT 4	07631	BROWNFIELDS
ENGLEWOOD CITY	1007007505	TEXACO SERVICE STATION	RT 4 W	07631	SHWS, LUST, INST CONTROL, BROWNFIELDS, NJEMS
ENGLEWOOD CITY	S108254603	38-40 EAST PALISADE AVENUE	38 40 E PALISADE AVE	07631	SHWS, VCP
ENGLEWOOD CITY	S108972633	HOME FUEL OIL CO	27 FOREST AVE	07631	SHWS, BROWNFIELDS
ENGLEWOOD CITY	S105007629	JAMES ST PARKING LOT	JAMES ST	07631	SHWS, HIST HWS, LUST, BROWNFIELDS
ENGLEWOOD CITY	1007018072	APPLE AIR COMPRESSOR CORP	162 168 S VAN BRUNT	07631	SHWS, BROWNFIELDS, NJEMS, Financial Assurance
ENGLEWOOD CITY	S107445057	FLATROCK SQUARE	73 99 W SHEFFIELD AVE	07631	SHWS, HIST HWS, ENG CONTROLS
ENGLEWOOD CLIFFS	1000542407	EXXON CO USA 35601	RTE 9 W & HOLLYWOOD AVE	07632	RCRA NonGen / NLR
ENGLEWOOD CLIFFS	S106763574	VAN NOSTRAND/ROUTE 9 WEST	VAN NOSTRANT/RTE 9 W	07631	VCP
ENGLEWOOD CLIFFS BOF	U002157701	340 SLYVAN REALTY CO	340 RTE 9 W	07632	UST
ENGLEWOOD CLIFFS BOF	U003105852	NORTHBOUND SERVICE STATION	PALISADES INTERSTATE PWY N	07650	HIST HWS, LUST, UST
TENAFLY	1000145936	TENAFLY HIGH SCHOOL	COLUMBUS DR	07670	RCRA NonGen / NLR
TENAFLY	S107116040	TENAFLY DISCOUNT NURSERY	41 ENGEL ST		NJ Release

OVERVIEW MAP - 3986737.6s



★ 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

🏠 County Boundary

🏠 Oil & Gas pipelines from USGS

🏠 100-year flood zone

🏠 500-year flood zone

🏠 National Wetland Inventory

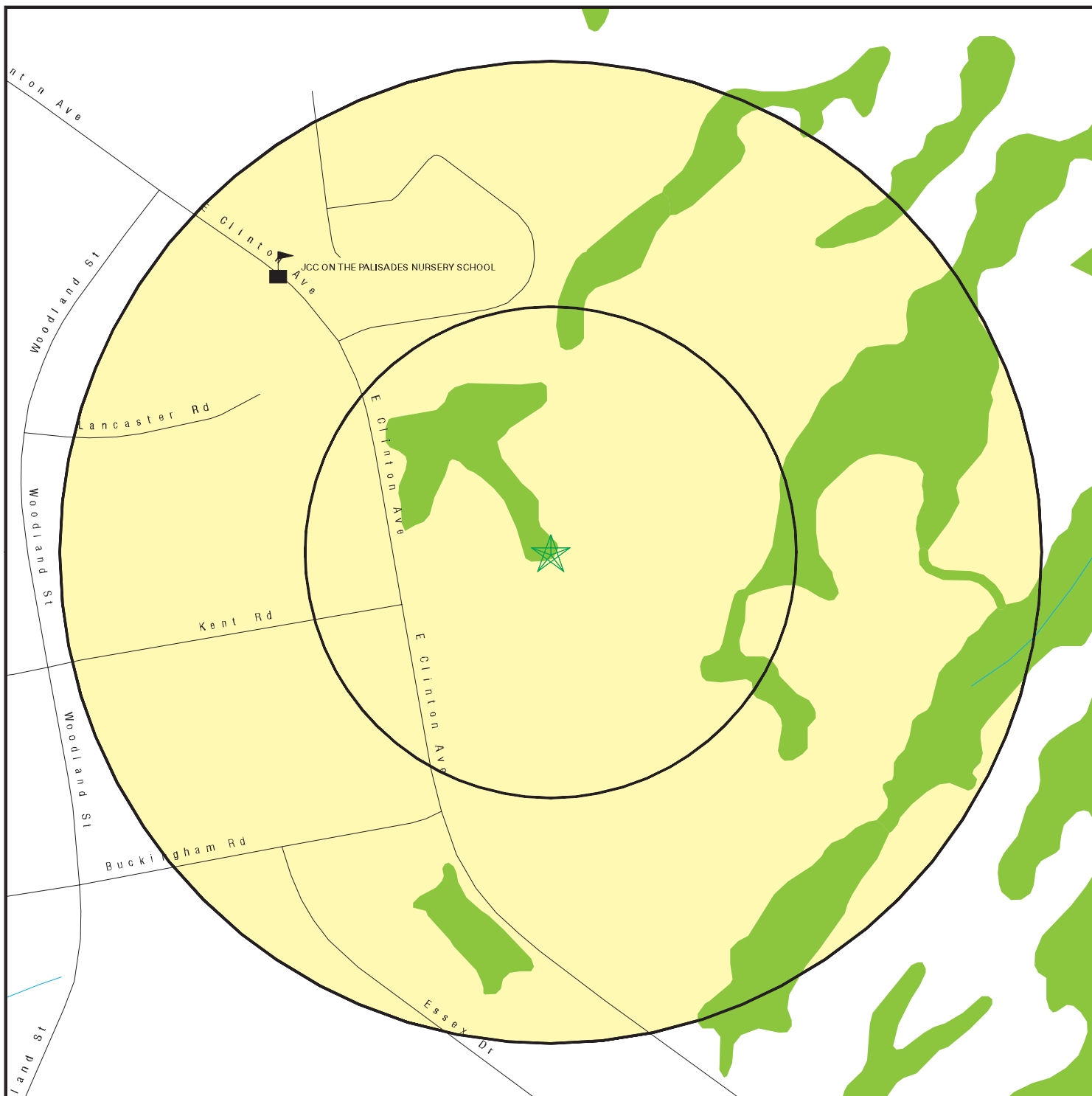
🏠 State Wetlands

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: Tenaflly Nature Center Proposed
ADDRESS: 313 Hudson Ave
Tenaflly NJ 07670
LAT/LONG: 40.9092 / 73.943

CLIENT: Croxton Collaborative Architects PC
CONTACT: Jean Hahn
INQUIRY #: 3986737.6s
DATE: June 30, 2014 8:35 am

DETAIL MAP - 3986737.6s



- ★ 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
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

0 1/16 1/8 1/4 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tenafly Nature Center Proposed
 ADDRESS: 313 Hudson Ave
 Tenafly NJ 07670
 LAT/LONG: 40.9092 / 73.943

CLIENT: Croxton Collaborative Architects PC
 CONTACT: Jean Hahn
 INQUIRY #: 3986737.6s
 DATE: June 30, 2014 8:36 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	1	NR	1
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>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	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>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	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>								
SHWS	1.000		0	0	1	7	NR	8
HWS RE-EVAL	1.000		0	0	0	0	NR	0
HIST HWS	TP		NR	NR	NR	NR	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
HIST 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
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
MAJOR FACILITIES	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
NJ PF	1.000		0	0	0	0	NR	0
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
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								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NJEMS	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	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
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
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
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	1	NR	1
ROD	1.000		0	0	0	1	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CHROME	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
HIST MAJOR FACILITIES	0.500		0	0	0	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ISRA	0.500		0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	TP		NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA HWS	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NPL
Region
ESE
1/2-1
2980 ft.

HUDSON RIVER PCBS
NO STREET APPLICABLE
HUDSON RIVER, NY 12801

[Click here for full text details](#)

NPL
CERCLIS
RCRA-LQG
US ENG CONTROLS
US INST CONTROL
CONSENT
ROD
PRP

1000384273
NYD980763841

NPL
EPA Id: NYD980763841

CERCLIS
EPA Id: NYD980763841

RCRA-LQG
EPA Id: NYD980763841

1
South
1/4-1/2
0.498 mi.
2629 ft.

24 JEAN DR
ENGLEWOOD CLIFFS BORO, NJ 07632

[Click here for full text details](#)

Relative:
Lower

NJ Release
Facility Id: 481737

SHWS
NJ Release
S113922952
N/A

2
WNW
1/2-1
0.544 mi.
2873 ft.

27 SUFFOLK LANE
27 SUFFOLK LN
TENAFLY BORO, NJ 07670

[Click here for full text details](#)

Relative:
Lower

SHWS
Status: Closed

NJ Release
Facility Id: 324398

SHWS
NJ Release
NJEMS
S110023352
N/A

3
SSW
1/2-1
0.569 mi.
3003 ft.

17 CAROL DRIVE
17 CAROL DR
ENGLEWOOD CLIFFS BORO, NJ 07632

[Click here for full text details](#)

Relative:
Lower

SHWS
Status: Closed

SHWS
NJEMS
1010475628
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4
SW
1/2-1
0.668 mi.
3525 ft.

542 ILLINGWORTH AVE
ENGLEWOOD CITY, NJ 07631

[Click here for full text details](#)

Relative:
Lower

SHWS
Status: Closed

NJ Release
Facility Id: 455044

SHWS S113659456
NJ Release N/A

5
WNW
1/2-1
0.830 mi.
4385 ft.

60 WOODLAND PARK DRIVE
60 WOODLAND PARK DR
TENAFLY, NJ 07670

[Click here for full text details](#)

Relative:
Lower

SHWS
Status: Closed

NJ Release
Facility Id: 62944

SHWS S106214324
NJ Release N/A
VCP
NJEMS

6
NNW
1/2-1
0.967 mi.
5108 ft.

76 FOREST ROAD
76 FOREST RD
TENAFLY BORO, NJ 07670

[Click here for full text details](#)

Relative:
Lower

SHWS
Status: Closed

SHWS 1010511880
NJEMS N/A

7
SW
1/2-1
0.977 mi.
5156 ft.

351 LEWELEN CIRCLE
351 LEWELEN CIR
ENGLEWOOD CITY, NJ 07631

[Click here for full text details](#)

Relative:
Lower

SHWS
Status: Closed

SHWS S109837839
NJEMS N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8
WNW
1/2-1
0.997 mi.
5263 ft.

15 HOWARD PARK DRIVE
15 HOWARD PARK DR
TENAFLY BORO, NJ 07670

SHWS 1010510195
NJEMS N/A

Relative:
Lower

[Click here for full text details](#)

SHWS
Status: Closed

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
NJ	BROWNFIELDS	Brownfields Database	Department of Environmental Protection	12/03/2012	02/27/2013	04/05/2013
NJ	CHROME	Chromate Chemical Production Waste Sites	Department of Environmental Protection	09/17/2009	11/23/2009	12/16/2009
NJ	COAL ASH	Coal Ash Listing	Department of Environmental Protection	05/10/2010	05/12/2010	06/28/2010
NJ	DRYCLEANERS	Drycleaner List	Department of Environmental Protection	05/28/2014	05/30/2014	06/18/2014
NJ	ENG CONTROLS	Declaration Environmental Restriction/Deed Notice Sites	Department of Environmental Protection	03/18/2014	04/10/2014	05/20/2014
NJ	Financial Assurance	Financial Assurance Information Listing	Department of Environmental Protection	05/02/2014	05/28/2014	06/17/2014
NJ	HIST HWS	Known Contaminated Sites Listing	Department of Environmental Protection	05/09/2008	11/14/2008	11/26/2008
NJ	HIST LF	Solid Waste Facility Directory	Department of Environmental Protection	06/10/2003	02/19/2004	03/09/2004
NJ	HIST LUST	Historical Leaking USTs	Department of Environment Protection	09/17/2002	01/27/2006	02/08/2006
NJ	HIST MAJOR FACILITIES	List of Major Facilities	Department of Environmental Protection	01/02/2002	01/11/2006	01/11/2006
NJ	HWS RE-EVAL	Site Re-Evaluation Report	Department of Environmental Protection	09/20/2007	10/12/2007	12/03/2007
NJ	INST CONTROL	Classification Exception Area Sites	Department of Environmental Protection	03/18/2014	04/10/2014	05/20/2014
NJ	ISRA	ISRA Database	Department of Environmental Protection	05/30/2014	06/06/2014	06/18/2014
NJ	LIENS	Environmental LIENS	Department of Environmental Protection	03/05/2014	04/03/2014	04/15/2014
NJ	LUST	UST Active Remediation Sites Listing	New Jersey Department of Environmental Protec	05/27/2014	05/28/2014	06/17/2014
NJ	MAJOR FACILITIES	List of Major Facilities	Department of Environmental Protection	05/15/2014	06/03/2014	06/16/2014
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2011	07/19/2012	08/28/2012
NJ	NJ Release	Hazardous Material Incident Database	Department of Environmental Protection	11/18/2013	03/14/2014	04/15/2014
NJ	NJ Spills	Spills	Department of Environmental Protection	11/18/2013	03/14/2014	04/15/2014
NJ	NJEMS	New Jersey Environmental Management System	Department of Environmental Protection	05/24/2014	05/28/2014	06/16/2014
NJ	NJPDES	New Jersey Pollutant Discharge Elimination System Discharger	Department of Environmental Protection	05/01/2014	05/21/2014	06/13/2014
NJ	NON OP LF	Non-Operating Landfills	Department of Environmental Protection	06/26/2008	09/30/2010	10/15/2010
NJ	PF	Publicly Funded Cleanups Site Status Report	Department of Environmental Protection	12/31/2003	04/25/2005	05/06/2005
NJ	RGH HWS	Recovered Government Archive State Hazardous Waste Facilitie	New Jersey Department of Environmental Protec	07/01/2013	07/01/2013	12/24/2013
NJ	RGH LF	Recovered Government Archive Solid Waste Facilities List	New Jersey Department of Environmental Protec	07/01/2013	07/01/2013	01/10/2014
NJ	RGH LUST	Recovered Government Archive Leaking Underground Storage Tan	New Jersey Department of Environmental Protec	07/01/2013	07/01/2013	12/24/2013
NJ	SHWS	Known Contaminated Sites in New Jersey	New Jersey Department of Environmental Protec	06/04/2014	06/05/2014	06/18/2014
NJ	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	09/02/1997	01/03/2013	03/06/2013
NJ	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/15/2012	01/03/2013	02/11/2013
NJ	SWF/LF	Solid Waste Facility Directory	Department of Environmental Protection	01/01/2014	02/07/2014	03/11/2014
NJ	SWRCY	Approved Class B Recycling Facilities	Department of Environmental Protection	01/01/2014	02/07/2014	03/11/2014
NJ	UIC	Underground Injection Wells Database	Department of Environmental Protection	01/09/2009	02/25/2009	03/11/2009
NJ	UST	Underground Storage Tank Data	Department of Environmental Protection	04/14/2014	05/12/2014	05/20/2014
NJ	VCP	Voluntary Cleanup Program Sites	Department of Environmental Protection	08/17/2013	11/27/2013	01/10/2014
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	11/11/2011	05/18/2012	05/25/2012
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2011	02/26/2013	04/19/2013
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	10/25/2013	11/11/2013	02/13/2014
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	10/25/2013	11/11/2013	02/13/2014
US	COAL ASH DOE	Sleam-Electric Plan Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	08/17/2010	01/03/2011	03/21/2011
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2013	01/24/2014	02/24/2014
US	CORRACTS	Corrective Action Report	EPA	03/11/2014	03/13/2014	04/09/2014
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DELISTED NPL	National Priority List Deletions	EPA	10/25/2013	11/11/2013	01/28/2014
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/30/2013	10/01/2013	12/06/2013
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/31/2013	07/08/2013	12/06/2013
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	11/18/2013	02/27/2014	03/12/2014
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/31/2012	02/28/2014	04/24/2014
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/31/2013	01/03/2014	02/24/2014
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	05/06/2014	05/16/2014	06/17/2014
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	02/01/2013	05/01/2013	11/01/2013
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/06/2013	11/07/2013	12/06/2013
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/24/2014	04/25/2014	06/17/2014
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	05/12/2014	05/12/2014	06/17/2014
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	09/12/2011	09/13/2011	11/11/2011
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/28/2014	05/01/2014	06/17/2014
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	08/27/2012	08/28/2012	10/16/2012
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	03/01/2013	03/01/2013	04/12/2013
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	02/01/2013	05/01/2013	01/27/2014
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/04/2014	04/08/2014	06/17/2014
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/24/2014	04/25/2014	06/17/2014
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	05/12/2014	05/12/2014	06/17/2014
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/14/2014	05/15/2014	06/17/2014
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/28/2014	05/01/2014	06/17/2014
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/07/2014	05/09/2014	06/17/2014
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/12/2014	05/14/2014	06/17/2014
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	03/20/2014	04/01/2014	06/17/2014
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/29/2013	02/14/2013	02/27/2013
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/18/2014	03/18/2014	04/24/2014
US	LUCIS	Land Use Control Information System	Department of the Navy	05/28/2014	05/30/2014	06/17/2014
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/22/2013	08/02/2013	11/01/2013
US	NPL	National Priority List	EPA	10/25/2013	11/11/2013	01/28/2014
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	06/01/2013	07/17/2013	11/01/2013
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	04/15/2013	07/03/2013	09/13/2013
US	Proposed NPL	Proposed National Priority List Sites	EPA	10/25/2013	11/11/2013	01/28/2014

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	04/08/2014	04/09/2014	06/17/2014
US	RCRA NonGen / NLR	RCRA - Non Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RMP	Risk Management Plans	Environmental Protection Agency	11/01/2013	12/12/2013	02/13/2014
US	ROD	Records Of Decision	EPA	11/25/2013	12/12/2013	02/24/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2011	07/31/2013	09/13/2013
US	TSCA	Toxic Substances Control Act	EPA	12/31/2006	09/29/2010	12/02/2010
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/23/2013	11/06/2013	12/06/2013
US	US AIRS MINOR	Air Facility System Data	EPA	10/23/2013	11/06/2013	12/06/2013
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/20/2014	03/20/2014	04/09/2014
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	03/04/2014	03/06/2014	06/17/2014
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	12/17/2013	01/14/2014	01/28/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	02/25/2014	02/27/2014	04/09/2014
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/04/2014	03/06/2014	06/17/2014
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	12/17/2013	01/14/2014	01/28/2014
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2013	09/05/2013	10/03/2013
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2013	08/19/2013	10/03/2013
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	05/01/2014	05/07/2014	06/10/2014
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2012	07/24/2013	08/19/2013
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2012	06/21/2013	08/05/2013
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	12/30/2013	02/11/2014	03/11/2014
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2012	08/09/2013	09/27/2013
US	Oil/Gas Pipelines	GeoData Digital Line Graphs from 1:100,000-Scale Maps	USGS			
US	Electric Power Lines	Electric Power Transmission Line Data	Rextag Strategies Corp.			
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
NJ	Daycare Centers	Sensitive Receptor: Child Care Center Listings	Department of Human Services			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NJ	State Wetlands	Wetlands Inventory	Department of Environmental Protection			
US	USGS 7.5' Topographic Map	Scanned Digital USGS 7.5' Topographic Map (DRG)	USGS			

STREET AND ADDRESS INFORMATION

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APPENDIX D

**Tenaflly Nature Center**

313 Hudson Ave
Tenaflly, NJ 07670

Inquiry Number: 3986737.2s
June 30, 2014

EDR Summary Radius Map Report

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

313 HUDSON AVE
TENAFLY, NJ 07670

COORDINATES

Latitude (North):	40.9247000 - 40° 55' 28.92"
Longitude (West):	73.9444000 - 73° 56' 39.84"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	588881.6
UTM Y (Meters):	4530722.5
State Plane X (Feet):	645648.6
State Plane Y (Feet):	762251.5
Elevation:	406 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	USGS 7.5 min quad index

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2010, 2011
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
313 HUDSON AVE
TENAFLY, NJ 07670

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
Reg	HUDSON RIVER PCBS	NO STREET APPLICABLE	NPL, CERCLIS, RCRA-LQG, US ENG CONTROLS, US INST...	Same	5007, ESE
1	MONTAMMY GOLF CLUB	MONTAMMY DR	NJ HIST LUST	Higher	1565, East
2	7 BRAE COURT NORTH	7 N BRAE CT	NJ SHWS, NJ BROWNFIELDS	Lower	1887, NW
3	21 GLENWOOD ROAD	21 GLENWOOD RD	NJ SHWS, NJ Release, NJ NJEMS	Lower	2576, WSW
4	54 FOREST ROAD	54 FOREST RD	NJ SHWS, NJ NJEMS	Lower	2773, WSW
5	76 FOREST ROAD	76 FOREST RD	NJ SHWS, NJ NJEMS	Lower	2774, WSW
6	60 DEPEYSTER AVENUE	60 DEPEYSTER AVE	NJ SHWS, NJ NJEMS	Lower	2969, West
7	8 PARK STREET	8 PARK ST	NJ SHWS, NJ NJEMS	Lower	3241, West
8	12 KNOLL ROAD	12 KNOLL RD	NJ SHWS, NJ NJEMS	Lower	3331, NW
9		25 GRANDVIEW TERRACE	NJ SHWS, NJ Release	Lower	3382, WNW
10	4 NORTH SUMMIT STREE	4 N SUMMIT ST	NJ SHWS, NJ HIST HWS	Lower	4113, NW
11	83 HIGHWOOD AVENUE	83 HIGHWOOD AVE	NJ SHWS, NJ Release, NJ NJEMS	Lower	4334, West
12	16 STONEHURST DRIVE	16 STONEHURST DR	NJ SHWS	Lower	4482, WSW
13		85 PROSPECT TERRACE	NJ SHWS, NJ Release	Lower	4523, WNW
14		169 ENGLE ST	NJ SHWS, NJ Release	Lower	4652, WSW
15	MID - COUNTY MOTORS	301 COUNTY RD	RCRA NonGen / NLR, NY SHWS, NY UST, NY MANIFEST	Lower	4962, NW
16	288 COUNTY ROAD	288 COUNTY RD	NJ SHWS, NJ NJEMS	Lower	4977, NW
17	SEOUL AUTO SERVICE -	71 COUNTY RD	NJ SHWS, NJ HIST HWS, NJ LUST, NJ HIST LUST, NJ...	Lower	4979, West
18	WILLOW RUN NURSERY &	1 COUNTY RD	NJ SHWS, NJ HIST LUST, NJ UST, NJ Release	Lower	4980, NW
19	43 LAWRENCE PARKWAY	43 LAWRENCE PKWY	NJ SHWS, NJ Release, NJ NJEMS	Lower	4998, WSW
20	TENAFLY FOREIGN & DO	90 COUNTY RD	NJ SHWS, NJ UST	Lower	5007, WNW
A21	COUNTY RD SERVICE CE	269 COUNTY RD	NJ SHWS, NJ HIST HWS, NJ LUST, NJ UST, NJ SPILLS,...	Lower	5016, NW
A22	LAKIS MERCEDES BENZ	265 COUNTY RD	NJ SHWS, NJ UST, NJ SPILLS	Lower	5024, NW
A23	LUKOIL #57319	268 COUNTY RD	NJ SHWS, NJ HIST HWS, NJ LUST, NJ UST, NJ INST...	Lower	5028, NW
24	ALPINE BORO	CHURCH ST	NJ SHWS, NJ HIST LF, NJ UST	Higher	5110, ENE
25	27 SUFFOLK LANE	27 SUFFOLK LN	NJ SHWS, NJ Release, NJ NJEMS	Lower	5127, SSW
26		6 LAWRENCE PARKWAY	NJ SHWS, NJ Release	Lower	5141, WSW
27	EXXON R/S 32156	29 COUNTY RD	NJ SHWS, NJ HIST HWS, NJ LUST, NJ UST, NJ INST...	Lower	5192, West
28		48 HAROLD ST	NJ SHWS, NJ Release	Lower	5276, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

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

Federal NPL site list

NPL: A review of the NPL list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 NPL site 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>
<i>HUDSON RIVER PCBS</i>	<i>NO STREET APPLICABLE</i>	<i>ESE 1/2 - 1 (0.948 mi.)</i>	<i>0</i>	<i>8</i>

State- and tribal - equivalent CERCLIS

NJ SHWS: A review of the NJ SHWS list, as provided by EDR, and dated 06/04/2014 has revealed that there are 27 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>
<i>ALPINE BORO</i> Status: Closed	<i>CHURCH ST</i>	<i>ENE 1/2 - 1 (0.968 mi.)</i>	<i>24</i>	<i>14</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>7 BRAE COURT NORTH</i> Status: Closed	<i>7 N BRAE CT</i>	<i>NW 1/4 - 1/2 (0.357 mi.)</i>	<i>2</i>	<i>8</i>
<i>21 GLENWOOD ROAD</i> Status: Closed	<i>21 GLENWOOD RD</i>	<i>WSW 1/4 - 1/2 (0.488 mi.)</i>	<i>3</i>	<i>8</i>
<i>54 FOREST ROAD</i> Status: Closed	<i>54 FOREST RD</i>	<i>WSW 1/2 - 1 (0.525 mi.)</i>	<i>4</i>	<i>9</i>
<i>76 FOREST ROAD</i> Status: Closed	<i>76 FOREST RD</i>	<i>WSW 1/2 - 1 (0.525 mi.)</i>	<i>5</i>	<i>9</i>

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
60 DEPEYSTER AVENUE Status: Closed	60 DEPEYSTER AVE	W 1/2 - 1 (0.562 mi.)	6	9
8 PARK STREET Status: Closed	8 PARK ST	W 1/2 - 1 (0.614 mi.)	7	9
12 KNOLL ROAD Status: Closed	12 KNOLL RD	NW 1/2 - 1 (0.631 mi.)	8	9
Not reported Status: Closed	25 GRANDVIEW TERRACE	WNW 1/2 - 1 (0.641 mi.)	9	10
4 NORTH SUMMIT STREE Status: Pending	4 N SUMMIT ST	NW 1/2 - 1 (0.779 mi.)	10	10
83 HIGHWOOD AVENUE Status: Closed	83 HIGHWOOD AVE	W 1/2 - 1 (0.821 mi.)	11	10
16 STONEHURST DRIVE Status: Closed	16 STONEHURST DR	WSW 1/2 - 1 (0.849 mi.)	12	10
Not reported Status: Closed	85 PROSPECT TERRACE	WNW 1/2 - 1 (0.857 mi.)	13	11
Not reported Status: Closed	169 ENGLE ST	WSW 1/2 - 1 (0.881 mi.)	14	11
MID - COUNTY MOTORS 288 COUNTY ROAD Status: Closed	301 COUNTY RD 288 COUNTY RD	NW 1/2 - 1 (0.940 mi.) NW 1/2 - 1 (0.943 mi.)	15 16	11 11
SEOUL AUTO SERVICE - Status: Active	71 COUNTY RD	W 1/2 - 1 (0.943 mi.)	17	12
WILLOW RUN NURSERY & Status: Closed	1 COUNTY RD	NW 1/2 - 1 (0.943 mi.)	18	12
43 LAWRENCE PARKWAY Status: Closed	43 LAWRENCE PKWY	WSW 1/2 - 1 (0.947 mi.)	19	12
TENAFLY FOREIGN & DO Status: Closed	90 COUNTY RD	WNW 1/2 - 1 (0.948 mi.)	20	13
COUNTY RD SERVICE CE Status: Active	269 COUNTY RD	NW 1/2 - 1 (0.950 mi.)	A21	13
LAKIS MERCEDES BENZ Status: Closed	265 COUNTY RD	NW 1/2 - 1 (0.952 mi.)	A22	13
LUKOIL #57319 Status: Active	268 COUNTY RD	NW 1/2 - 1 (0.952 mi.)	A23	14
27 SUFFOLK LANE Status: Closed	27 SUFFOLK LN	SSW 1/2 - 1 (0.971 mi.)	25	15
Not reported Status: Closed	6 LAWRENCE PARKWAY	WSW 1/2 - 1 (0.974 mi.)	26	15
EXXON R/S 32156 Status: Active	29 COUNTY RD	W 1/2 - 1 (0.983 mi.)	27	15
Not reported Status: Closed	48 HAROLD ST	WNW 1/2 - 1 (0.999 mi.)	28	16

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

NJ HIST LUST: A review of the NJ HIST LUST list, as provided by EDR, and dated 09/17/2002 has revealed that there is 1 NJ HIST LUST 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>
MONTAMMY GOLF CLUB Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern	MONTAMMY DR	E 1/4 - 1/2 (0.296 mi.)	1	8

State and tribal Brownfields sites

NJ BROWNFIELDS: A review of the NJ BROWNFIELDS list, as provided by EDR, and dated 12/03/2012 has revealed that there is 1 NJ BROWNFIELDS 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>
7 BRAE COURT NORTH	7 N BRAE CT	NW 1/4 - 1/2 (0.357 mi.)	2	8

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

CONSENT: A review of the CONSENT list, as provided by EDR, and dated 12/31/2013 has revealed that there is 1 CONSENT site 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>
HUDSON RIVER PCBS	NO STREET APPLICABLE	ESE 1/2 - 1 (0.948 mi.)	0	8

ROD: A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

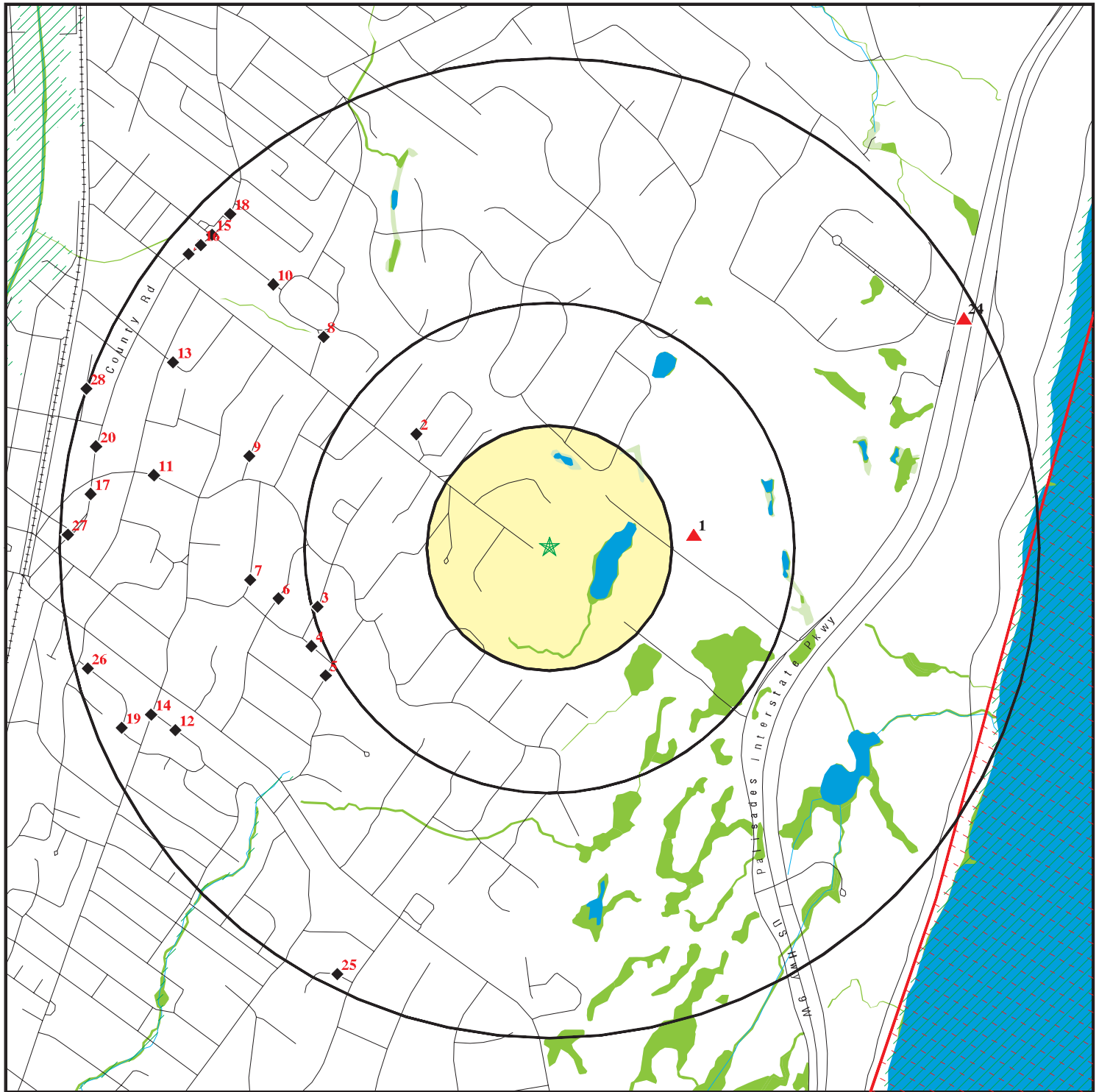
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HUDSON RIVER PCBS	NO STREET APPLICABLE	ESE 1/2 - 1 (0.948 mi.)	0	8

Count: 15 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALPINE	S111074571	ALPINE TOWER COMPANY	RT 9 & CLOSTER DOCK RD	07620	NJ MANIFEST
ALPINE	1014394769	UNITED WATER NEW JERSEY - TIMBERLI	RTE 9W SOUTH APPROX 600 FEET N	07620	RCRA-SQG
ALPINE	1004753360	NJDOT BRIDGE BLASTING PAINTING	RTE 9W STRUCTURE 0210-152	07620	RCRA NonGen / NLR
ALPINE	S105297404	ALPINE MAINTENANCE CENTER	OFF OF ROUTE 9 W SOUTH	07620	NJ NPDES
ALPINE BORO	S109531994	PALISADES INTERSTATE PARK COMM ALP	RT 9 W	07620	NJ SHWS, NJ INST CONTROL
ALPINE BORO	S109532239	PALISADES INTERSTATE PARK COMM ADM	ALPINE APPROACH RD	07620	NJ SHWS, NJ INST CONTROL
CLARKSTOWN	S113916856	KYTO DIAGNOSTICS	47 ROUTE 303	07670	NY SHWS
TENAFLY	S113623765	TENAFLY BORO	E CLINTON AVE	07670	NJ NJEMS
TENAFLY	S113534000	TENAFLY BORO BD OF ED TENAFLY HIGH	COLUMBUS DR	07670	NJ NJEMS
TENAFLY	1000145936	TENAFLY HIGH SCHOOL	COLUMBUS DR	07670	RCRA NonGen / NLR
TENAFLY	S115279256	TENAFLY BORO COMPOST	NORTH END GROVE STREET		NJ RGA LF
TENAFLY	S107116040	TENAFLY DISCOUNT NURSERY	41 ENGEL ST		NJ Release
TENAFLY	S113656205	TENAFLY BORO COMPOST	GROVE ST	07670	NJ NJEMS
TENAFLY	S113533945	TENAFLY BORO BD OF ED MACKAY ELEME	JEFFERSON AVE	07670	NJ NJEMS
TENAFLY	S113534001	TENAFLY BORO BD OF ED TENAFLY MIDD	SUNSET LN	07670	NJ NJEMS

OVERVIEW MAP - 3986737.2s



★ 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

■ Oil & Gas pipelines from USGS

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

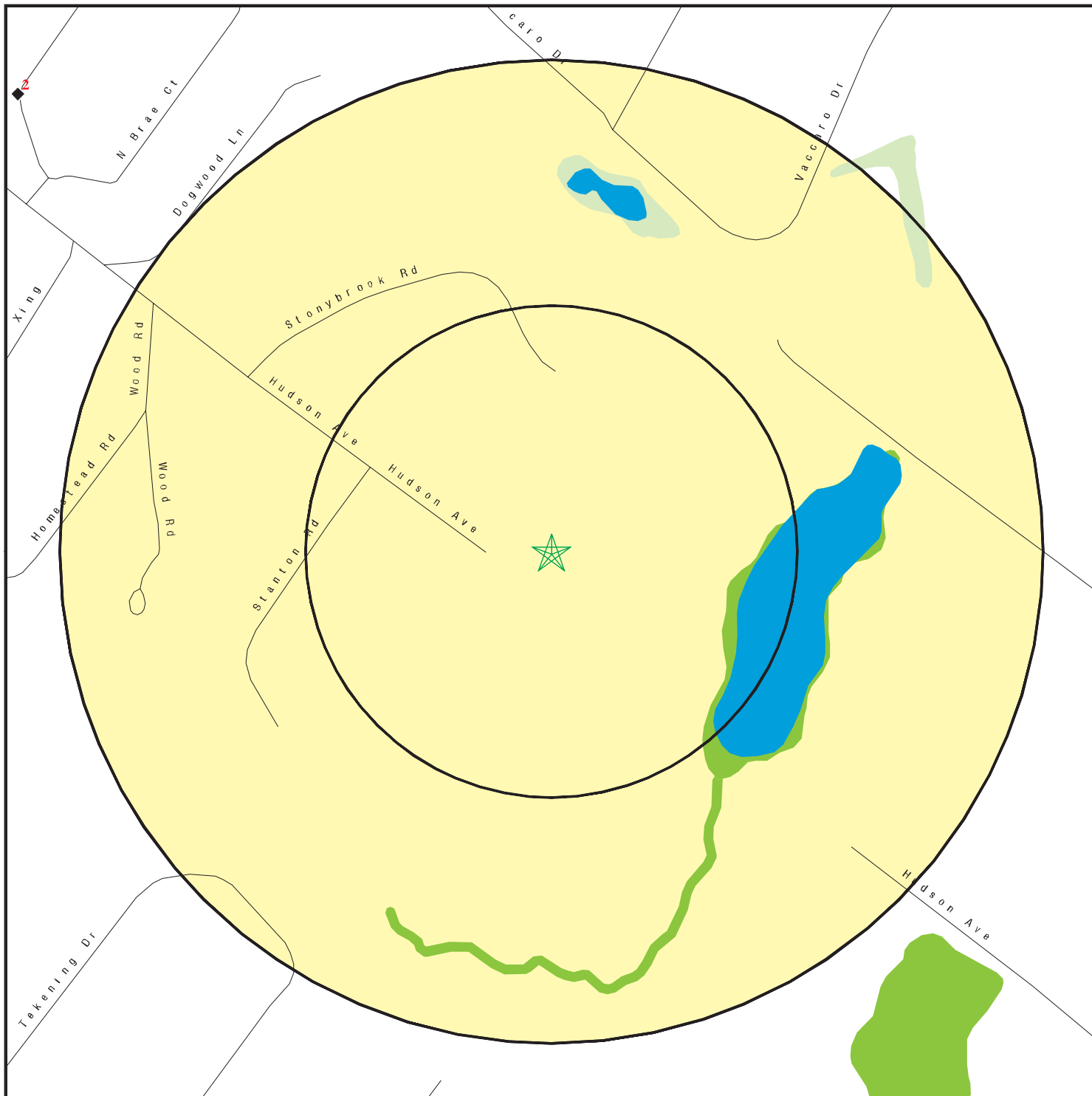
■ State Wetlands

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: Tenafly Nature Center
ADDRESS: 313 Hudson Ave
Tenafly NJ 07670
LAT/LONG: 40.9247 / 73.9444

CLIENT: Croxton Collaborative Architects PC
CONTACT: Jean Hahn
INQUIRY #: 3986737.2s
DATE: June 30, 2014 8:35 am

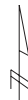
DETAIL MAP - 3986737.2s



- ★ 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
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

0 1/16 1/8 1/4 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tenaflly Nature Center
 ADDRESS: 313 Hudson Ave
 Tenaflly NJ 07670
 LAT/LONG: 40.9247 / 73.9444

CLIENT: Croxton Collaborative Architects PC
 CONTACT: Jean Hahn
 INQUIRY #: 3986737.2s
 DATE: June 30, 2014 8:36 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	1	NR	1
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>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	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>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	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	0	2	25	NR	27
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
NJ HIST LUST	0.500		0	0	1	NR	NR	1

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
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
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
FEMA 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 PF	1.000		0	0	0	0	NR	0
NJ VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NJ BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
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
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
NJ NJEMS	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
NJ LIENS	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
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	1	NR	1
ROD	1.000		0	0	0	1	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NJ CHROME	0.500		0	0	0	NR	NR	0
NJ UIC	TP		NR	NR	NR	NR	NR	0
NJ HIST MAJOR FACILITIES	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 DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NJ ISRA	0.500		0	0	0	NR	NR	0
NJ NPDES	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
NJ COAL ASH	0.500		0	0	0	NR	NR	0
NJ Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NJ RGA LUST	TP		NR	NR	NR	NR	NR	0
NJ RGA HWS	TP		NR	NR	NR	NR	NR	0
NJ RGA LF	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

NPL
Region
ESE
1/2-1
5007 ft.

HUDSON RIVER PCBS
NO STREET APPLICABLE
HUDSON RIVER, NY 12801

[Click here for full text details](#)

NPL
CERCLIS
RCRA-LQG
US ENG CONTROLS
US INST CONTROL
CONSENT
ROD
PRP

1000384273
NYD980763841

NPL
EPA Id: NYD980763841

CERCLIS
EPA Id: NYD980763841

RCRA-LQG
EPA Id: NYD980763841

1
East
1/4-1/2
0.296 mi.
1565 ft.

MONTAMMY GOLF CLUB
MONTAMMY DR
ALPINE, NJ

[Click here for full text details](#)

Relative:
Higher

NJ HIST LUST
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern
Case Id: 91-12-11-1409

NJ HIST LUST
S104588744
N/A

2
NW
1/4-1/2
0.357 mi.
1887 ft.

7 BRAE COURT NORTH
7 N BRAE CT
TENAFly BOROUGH, NJ 07670

[Click here for full text details](#)

Relative:
Lower

NJ SHWS
Status: Closed

NJ SHWS
NJ BROWNFIELDS
S108972850
N/A

3
WSW
1/4-1/2
0.488 mi.
2576 ft.

21 GLENWOOD ROAD
21 GLENWOOD RD
TENAFly BORO, NJ 07670

[Click here for full text details](#)

Relative:
Lower

NJ SHWS
Status: Closed

NJ SHWS
NJ Release
NJ NJEMS
S106211127
N/A

NJ Release
Facility Id: 41367

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4
WSW
1/2-1
0.525 mi.
2773 ft.

54 FOREST ROAD
54 FOREST RD
TENAFly BORO, NJ 07670

NJ SHWS
NJ NJEMS

S109297639
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

5
WSW
1/2-1
0.525 mi.
2774 ft.

76 FOREST ROAD
76 FOREST RD
TENAFly BORO, NJ 07670

NJ SHWS
NJ NJEMS

1010511880
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

6
West
1/2-1
0.562 mi.
2969 ft.

60 DEPEYSTER AVENUE
60 DEPEYSTER AVE
TENAFly BORO, NJ 07670

NJ SHWS
NJ NJEMS

1010476397
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

7
West
1/2-1
0.614 mi.
3241 ft.

8 PARK STREET
8 PARK ST
TENAFly BORO, NJ 07670

NJ SHWS
NJ NJEMS

1010511570
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

8
NW
1/2-1
0.631 mi.
3331 ft.

12 KNOLL ROAD
12 KNOLL RD
TENAFly BORO, NJ 07670

NJ SHWS
NJ NJEMS

S109838309
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

9
WNW
1/2-1
0.641 mi.
3382 ft.

25 GRANDVIEW TERRACE
TENAFly BORO, NJ 07670

NJ SHWS
NJ Release

S112114275
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

NJ Release
Facility Id: 416194

10
NW
1/2-1
0.779 mi.
4113 ft.

4 NORTH SUMMIT STREET
4 N SUMMIT ST
TENAFly BORO, NJ 07670

NJ SHWS
NJ HIST HWS

S107494859
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Pending

11
West
1/2-1
0.821 mi.
4334 ft.

83 HIGHWOOD AVENUE
83 HIGHWOOD AVE
TENAFly BORO, NJ 07670

NJ SHWS
NJ Release
NJ NJEMS

S107088804
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

NJ Release
Facility Id: 126366

12
WSW
1/2-1
0.849 mi.
4482 ft.

16 STONEHURST DRIVE
16 STONEHURST DR
TENAFly BORO, NJ

NJ SHWS

S111710922
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

13
WNW
1/2-1
0.857 mi.
4523 ft.

85 PROSPECT TERRACE
TENAFly BORO, NJ 07670

NJ SHWS
NJ Release

S111264272
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

NJ Release
Facility Id: 401181

14
WSW
1/2-1
0.881 mi.
4652 ft.

169 ENGLE ST
TENAFly BORO, NJ 07670

NJ SHWS
NJ Release

S111263607
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

NJ Release
Facility Id: 398330

15
NW
1/2-1
0.940 mi.
4962 ft.

MID - COUNTY MOTORS
301 COUNTY RD
TENAFly, NJ 07670

RCRA NonGen / NLR
NJ SHWS
NJ UST
NY MANIFEST

1000138706
NJD981076268

Relative:
Lower

[Click here for full text details](#)

RCRA NonGen / NLR
EPA Id: NJD981076268

NJ SHWS
Status: Closed

NJ UST
Tank Status: Removed
Facility Id: 004903

16
NW
1/2-1
0.943 mi.
4977 ft.

288 COUNTY ROAD
288 COUNTY RD
TENAFly BORO, NJ 07670

NJ SHWS
NJ NJEMS

1010476649
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

17
West
1/2-1
0.943 mi.
4979 ft.

Relative:
Lower

SEOUL AUTO SERVICE - FORMER
71 COUNTY RD
TENAFly BORO, NJ 07670

[Click here for full text details](#)

NJ SHWS

Status: Active

NJ LUST

Case Id: 8565

NJ HIST LUST

Facility Status: Assigned to a Program
Case Id: 94-07-12-1319

NJ UST

Tank Status: Removed
Facility Id: 008565

NJ SHWS
NJ HIST HWS
NJ LUST
NJ HIST LUST
NJ UST
NJ BROWNFIELDS

U000358906
N/A

18
NW
1/2-1
0.943 mi.
4980 ft.

Relative:
Lower

WILLOW RUN NURSERY & GARDEN CENTER
1 COUNTY RD
CRESSKILL BORO, NJ 07626

[Click here for full text details](#)

NJ SHWS

Status: Closed

NJ HIST LUST

Facility Status: Assigned to a Program
Case Id: 97-11-07-0935-25

NJ UST

Tank Status: Removed
Facility Id: 031742

NJ Release

Facility Id: 15576

NJ SHWS
NJ HIST LUST
NJ UST
NJ Release

U003173175
N/A

19
WSW
1/2-1
0.947 mi.
4998 ft.

Relative:
Lower

43 LAWRENCE PARKWAY
43 LAWRENCE PKWY
TENAFly BORO, NJ 07670

[Click here for full text details](#)

NJ SHWS

Status: Closed

NJ SHWS
NJ Release
NJ NJEMS

S107077443
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

43 LAWRENCE PARKWAY (Continued)

S107077443

NJ Release

Facility Id: 73823

20
WNW
1/2-1
0.948 mi.
5007 ft.

TENAFLY FOREIGN & DOMESTIC CARS
90 COUNTY RD
TENAFLY BORO, NJ 07060

NJ SHWS
NJ UST

U000354567
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS

Status: Closed

NJ UST

Tank Status: Removed
Facility Id: 002925

A21
NW
1/2-1
0.950 mi.
5016 ft.

COUNTY RD SERVICE CENTER
269 COUNTY RD
TENAFLY BORO, NJ 07675

NJ SHWS
NJ HIST HWS
NJ LUST
NJ UST
NJ SPILLS
NJ BROWNFIELDS

U000368194
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS

Status: Active

NJ LUST

Case Id: 26222

NJ UST

Tank Status: Removed
Facility Id: 026222

NJ SPILLS

Facility Id: 32683

A22
NW
1/2-1
0.952 mi.
5024 ft.

LAKIS MERCEDES BENZ (FORMER)
265 COUNTY RD
TENAFLY BORO, NJ 07670

NJ SHWS
NJ UST
NJ SPILLS

U003404412
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS

Status: Closed

NJ UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKIS MERCEDES BENZ (FORMER) (Continued)

U003404412

Tank Status: Removed
Tank Status: Abandoned in Place
Facility Id: 032597

NJ SPILLS

Facility Id: 31802

A23
NW
1/2-1
0.952 mi.
5028 ft.

LUKOIL #57319
268 COUNTY RD
TENAFLY BORO, NJ 07670

NJ SHWS
NJ HIST HWS
NJ LUST
NJ UST
NJ INST CONTROL

U000357064
N/A

[Click here for full text details](#)

Relative:
Lower

NJ SHWS

Status: Active

NJ LUST

Case Id: 6299

NJ UST

Tank Status: Removed
Tank Status: In-use
Facility Id: 006299

NJ INST CONTROL

Facility Id: 11174

24
ENE
1/2-1
0.968 mi.
5110 ft.

ALPINE BORO
CHURCH ST
ALPINE BORO, NJ 07620

NJ SHWS
NJ HIST LF
NJ UST

U000352575
N/A

[Click here for full text details](#)

Relative:
Higher

NJ SHWS

Status: Closed

NJ HIST LF

Facility Status: NOT OPERATING
Facility Id: 0202001106

NJ UST

Tank Status: Removed
Facility Id: 000261

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

25
SSW
1/2-1
0.971 mi.
5127 ft.

27 SUFFOLK LANE
27 SUFFOLK LN
TENAFLY BORO, NJ 07670

NJ SHWS
NJ Release
NJ NJEMS

S110023352
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

NJ Release
Facility Id: 324398

26
WSW
1/2-1
0.974 mi.
5141 ft.

6 LAWRENCE PARKWAY
TENAFLY BORO, NJ 07670

NJ SHWS
NJ Release

S113661400
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

NJ Release
Facility Id: 464910

27
West
1/2-1
0.983 mi.
5192 ft.

EXXON R/S 32156
29 COUNTY RD
TENAFLY BORO, NJ 07670

NJ SHWS
NJ HIST HWS
NJ LUST
NJ UST
NJ INST CONTROL

U000358468
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Active

NJ LUST
Case Id: 8009

NJ UST
Tank Status: Removed
Tank Status: Exempt
Facility Id: 008009

NJ INST CONTROL
Facility Id: 11180

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

28
WNW
1/2-1
0.999 mi.
5276 ft.

48 HAROLD ST
TENAFLY BORO, NJ 07670

NJ SHWS
NJ Release

S107912044
N/A

Relative:
Lower

[Click here for full text details](#)

NJ SHWS
Status: Closed

NJ Release
Facility Id: 181007

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
NJ	BROWNFIELDS	Brownfields Database	Department of Environmental Protection	12/03/2012	02/27/2013	04/05/2013
NJ	CHROME	Chromate Chemical Production Waste Sites	Department of Environmental Protection	09/17/2009	11/23/2009	12/16/2009
NJ	COAL ASH	Coal Ash Listing	Department of Environmental Protection	05/10/2010	05/12/2010	06/28/2010
NJ	DRYCLEANERS	Drycleaner List	Department of Environmental Protection	05/28/2014	05/30/2014	06/18/2014
NJ	ENG CONTROLS	Declaration Environmental Restriction/Deed Notice Sites	Department of Environmental Protection	03/18/2014	04/10/2014	05/20/2014
NJ	Financial Assurance	Financial Assurance Information Listing	Department of Environmental Protection	05/02/2014	05/28/2014	06/17/2014
NJ	HIST HWS	Known Contaminated Sites Listing	Department of Environmental Protection	05/09/2008	11/14/2008	11/26/2008
NJ	HIST LF	Solid Waste Facility Directory	Department of Environmental Protection	06/10/2003	02/19/2004	03/09/2004
NJ	HIST LUST	Historical Leaking USTs	Department of Environment Protection	09/17/2002	01/27/2006	02/08/2006
NJ	HIST MAJOR FACILITIES	List of Major Facilities	Department of Environmental Protection	01/02/2002	01/11/2006	01/11/2006
NJ	HWS RE-EVAL	Site Re-Evaluation Report	Department of Environmental Protection	09/20/2007	10/12/2007	12/03/2007
NJ	INST CONTROL	Classification Exception Area Sites	Department of Environmental Protection	03/18/2014	04/10/2014	05/20/2014
NJ	ISRA	ISRA Database	Department of Environmental Protection	05/30/2014	06/06/2014	06/18/2014
NJ	LIENS	Environmental LIENS	Department of Environmental Protection	03/05/2014	04/03/2014	04/15/2014
NJ	LUST	UST Active Remediation Sites Listing	New Jersey Department of Environmental Protec	05/27/2014	05/28/2014	06/17/2014
NJ	MAJOR FACILITIES	List of Major Facilities	Department of Environmental Protection	05/15/2014	06/03/2014	06/16/2014
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2011	07/19/2012	08/28/2012
NJ	NJ Release	Hazardous Material Incident Database	Department of Environmental Protection	11/18/2013	03/14/2014	04/15/2014
NJ	NJ Spills	Spills	Department of Environmental Protection	11/18/2013	03/14/2014	04/15/2014
NJ	NJEMS	New Jersey Environmental Management System	Department of Environmental Protection	05/24/2014	05/28/2014	06/16/2014
NJ	NJPDES	New Jersey Pollutant Discharge Elimination System Discharger	Department of Environmental Protection	05/01/2014	05/21/2014	06/13/2014
NJ	NON OP LF	Non-Operating Landfills	Department of Environmental Protection	06/26/2008	09/30/2010	10/15/2010
NJ	PF	Publicly Funded Cleanups Site Status Report	Department of Environmental Protection	12/31/2003	04/25/2005	05/06/2005
NJ	RGH HWS	Recovered Government Archive State Hazardous Waste Facilitie	New Jersey Department of Environmental Protec	07/01/2013	07/01/2013	12/24/2013
NJ	RGH LF	Recovered Government Archive Solid Waste Facilities List	New Jersey Department of Environmental Protec	07/01/2013	07/01/2013	01/10/2014
NJ	RGH LUST	Recovered Government Archive Leaking Underground Storage Tan	New Jersey Department of Environmental Protec	07/01/2013	07/01/2013	12/24/2013
NJ	SHWS	Known Contaminated Sites in New Jersey	New Jersey Department of Environmental Protec	06/04/2014	06/05/2014	06/18/2014
NJ	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	09/02/1997	01/03/2013	03/06/2013
NJ	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/15/2012	01/03/2013	02/11/2013
NJ	SWF/LF	Solid Waste Facility Directory	Department of Environmental Protection	01/01/2014	02/07/2014	03/11/2014
NJ	SWRCY	Approved Class B Recycling Facilities	Department of Environmental Protection	01/01/2014	02/07/2014	03/11/2014
NJ	UIC	Underground Injection Wells Database	Department of Environmental Protection	01/09/2009	02/25/2009	03/11/2009
NJ	UST	Underground Storage Tank Data	Department of Environmental Protection	04/14/2014	05/12/2014	05/20/2014
NJ	VCP	Voluntary Cleanup Program Sites	Department of Environmental Protection	08/17/2013	11/27/2013	01/10/2014
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	11/11/2011	05/18/2012	05/25/2012
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2011	02/26/2013	04/19/2013
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	10/25/2013	11/11/2013	02/13/2014
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	10/25/2013	11/11/2013	02/13/2014
US	COAL ASH DOE	Sleam-Electric Plan Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	08/17/2010	01/03/2011	03/21/2011
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2013	01/24/2014	02/24/2014
US	CORRACTS	Corrective Action Report	EPA	03/11/2014	03/13/2014	04/09/2014
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DELISTED NPL	National Priority List Deletions	EPA	10/25/2013	11/11/2013	01/28/2014
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/30/2013	10/01/2013	12/06/2013
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/31/2013	07/08/2013	12/06/2013
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	11/18/2013	02/27/2014	03/12/2014
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/31/2012	02/28/2014	04/24/2014
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/31/2013	01/03/2014	02/24/2014
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	05/06/2014	05/16/2014	06/17/2014
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	02/01/2013	05/01/2013	11/01/2013
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/06/2013	11/07/2013	12/06/2013
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/24/2014	04/25/2014	06/17/2014
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	05/12/2014	05/12/2014	06/17/2014
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	09/12/2011	09/13/2011	11/11/2011
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/28/2014	05/01/2014	06/17/2014
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	08/27/2012	08/28/2012	10/16/2012
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	03/01/2013	03/01/2013	04/12/2013
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	02/01/2013	05/01/2013	01/27/2014
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/04/2014	04/08/2014	06/17/2014
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/24/2014	04/25/2014	06/17/2014
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	05/12/2014	05/12/2014	06/17/2014
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/14/2014	05/15/2014	06/17/2014
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/28/2014	05/01/2014	06/17/2014
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/07/2014	05/09/2014	06/17/2014
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/12/2014	05/14/2014	06/17/2014
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	03/20/2014	04/01/2014	06/17/2014
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/29/2013	02/14/2013	02/27/2013
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/18/2014	03/18/2014	04/24/2014
US	LUCIS	Land Use Control Information System	Department of the Navy	05/28/2014	05/30/2014	06/17/2014
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/22/2013	08/02/2013	11/01/2013
US	NPL	National Priority List	EPA	10/25/2013	11/11/2013	01/28/2014
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	06/01/2013	07/17/2013	11/01/2013
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	04/15/2013	07/03/2013	09/13/2013
US	Proposed NPL	Proposed National Priority List Sites	EPA	10/25/2013	11/11/2013	01/28/2014

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	04/08/2014	04/09/2014	06/17/2014
US	RCRA NonGen / NLR	RCRA - Non Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RMP	Risk Management Plans	Environmental Protection Agency	11/01/2013	12/12/2013	02/13/2014
US	ROD	Records Of Decision	EPA	11/25/2013	12/12/2013	02/24/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2011	07/31/2013	09/13/2013
US	TSCA	Toxic Substances Control Act	EPA	12/31/2006	09/29/2010	12/02/2010
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/23/2013	11/06/2013	12/06/2013
US	US AIRS MINOR	Air Facility System Data	EPA	10/23/2013	11/06/2013	12/06/2013
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/20/2014	03/20/2014	04/09/2014
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	03/04/2014	03/06/2014	06/17/2014
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	12/17/2013	01/14/2014	01/28/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	02/25/2014	02/27/2014	04/09/2014
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/04/2014	03/06/2014	06/17/2014
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	12/17/2013	01/14/2014	01/28/2014
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2013	09/05/2013	10/03/2013
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2013	08/19/2013	10/03/2013
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	05/01/2014	05/07/2014	06/10/2014
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2012	07/24/2013	08/19/2013
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2012	06/21/2013	08/05/2013
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	12/30/2013	02/11/2014	03/11/2014
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2012	08/09/2013	09/27/2013
US	Oil/Gas Pipelines	GeoData Digital Line Graphs from 1:100,000-Scale Maps	USGS			
US	Electric Power Lines	Electric Power Transmission Line Data	Rextag Strategies Corp.			
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
NJ	Daycare Centers	Sensitive Receptor: Child Care Center Listings	Department of Human Services			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

<u>St</u>	<u>Acronym</u>	<u>Full Name</u>	<u>Government Agency</u>	<u>Gov Date</u>	<u>Arvl. Date</u>	<u>Active Date</u>
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NJ	State Wetlands	Wetlands Inventory	Department of Environmental Protection			
US	USGS 7.5' Topographic Map	Scanned Digital USGS 7.5' Topographic Map (DRG)	USGS			

STREET AND ADDRESS INFORMATION

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