EXHIBIT F

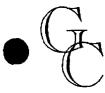
22668

TOWN OF CORTLANDT WESTCHESTER COUNTY, NY

BUILDING PERMIT

Tax Map Designation: Section Block Lot
Permission is hereby granted to Torral OF Spenst PCS
FACILITY ON EX UTILITY TOWER
at (location) Tower F-44, Moureoff
Subdivision Name (if applicable) THORNDIKE & Polynopose
Use OTILITY LINE ZBA Case #
Dimensions (overall) No. of Stories No. of Stories
DWNER CONSOLIDATED EDISON CO, OF DY THE
Address 4 IRVING PL, NEW YORK BY
No. of Bedrooms (if applicable) Per WCDH File No
PLUMBING Yes No
Plumber Westchester Lic. No
Address
ELECTRICAL TYPES IN No
Electrician Galaxy - TRI STATE Cortlandt Lic. No. E - 146
Address Cortlandt Lic. No. E - 146
λ
Address





National Environmental Policy Act (NEPA) Land Use Checklist **Prepared for Sprint PCS Crossroads Corporate Center** 1 International Blvd., Suite 800 Mahwah, NJ 07495

s	Cascade Number: AR No: 6-447C	Site Name: Verplanck	Site Address: Craft Lane, Buchanan, NY 10511			
N	IEPA Category	Federal Agencies	State Agencies	Positive	Negative	Comments
1.	. Wilderness Area	Bureau of Land Management, National Park Service, U.S. Forest Service	New York State Department of Environmental Conservation		х	
2.	. Wildlife Preserve	U.S. Fish and Wildlife Service	New York State Department of Environmental Conservation		X	
3.	Endangered Species	U.S. Fish and Wildlife Service	New York State Department of Environmental Conservation		х	
4.	. Historic Places	N/A	New York State Office of Parks, Recreation and Historic Preservation		х	New York State Office of Parks, Recreation and Historic Preservation also searches federal historic/archeological sites database
	. Indian Religious Sites	Bureau of Indian Affairs	N/A		х	New York State Office of Parks, Recreation and Historic Preservation also searches Indian Religious sites database as a part of historic/archeological sites review
6.	. Flood Plain	Federal Emergency Management Agency	N/A		X	
7.	Surface Features (e.g. Wetlands, Floodways)	U.S. Fish and Wildlife Service	New York State Department of Environmental Conservation		х	

Prepared by: Igor Golshteyn, Manager Engineering Tolk Date: January 28, 1999

Reviewed by: Nahum Kedem, P.G., Vice President Date: January 28, 1999 Reviewed by: Nahum Kedem, P.G., Vice President

Date: January 28, 1999

410 Saw Mill River Road . Arosley, NY 10502 . TEL: (914) 674-4346 . FAX; (914) 674-4348



G. C. Environmental, Inc.

ENVIRONMENTAL CONSULTANTS 410 SAW MILL RIVER ROAD ARDSLEY, NY 10502 TEL: (914) 674-4346, FAX: (914) 674-4348

TELEPHONE CONVERSATION RECORD

Project Name: Verplanck		Project No. <u>98-216-00</u>		
Project Location: <u>Craft Lane, Buchar</u>	nan, NY	Prepared by: Igor Golshteyn		
Call Date: 10/5/98	Call Time: <u>11:05</u>	To X From : Ms. Sylvia Jordan		
Organization: <u>Bureau Of Land Mana</u>	agement	Tel No. (414) 297-4434		

Ms. Sylvia Jordan stated that there are no designated Wilderness Areas under the Bureau Of Land Management jurisdiction located in New York, New Jersey or New England states.



ENVIRONMENTAL CONSULTANTS 410 SAW MILL RIVER ROAD ARDSLEY, NY 10502 TEL: (914) 674-4346, FAX: (914) 674-4348

TELEPHONE CONVERSATION RECORD

Project Name: Verplanck	Project No. <u>98-216-00</u>		
Project Location: Craft Lane, Buchanan, NY	Prepared by: Igor Golshteyn		
Call Date: 10/5/98 Call Time: 9:15	To <u>X</u> From:		
Organization: National Park Service	Tel No. (212) 825-6870		

According to the National Park Service (NPS), designated Wilderness Areas under the NPS jurisdiction can be located only within National Park. The subject site is located neither in the National Park, nor near it.

Page: 1 of: 1



ENVIRONMENTAL CONSULTANTS 410 SAW MILL RIVER ROAD ARDSLEY, NY 10502 TEL: (914) 674-4346, FAX: (914) 674-4348

TELEPHONE CONVERSATION RECORD

Project Name: Verplanck		Project No. <u>98-216-00</u>		
Project Location: Craft Lane, Bucha	nan, NY	Prepared by: Igor Golshteyn		
Call Date:10/5/98	Call Time: <u>11:35</u>	To X From : Mr. Dain Maddox		
Organization: <u>U.S. Forest Service</u>		Tel No. (414) 297-1055		

Mr. Dain Maddox stated that there are no designated Wilderness Areas under the U.S. Forest Service jurisdiction located in New York or New Jersey.



ENVIRONMENTAL CONSULTANTS 410 SAW MILL RIVER ROAD ARDSLEY, NY 10502 TEL: (914) 674-4346, FAX: (914) 674-4348

TELEPHONE CONVERSATION RECORD

Project Name: Verplanck		Project No. <u>98-216-00</u>		
Project Location: Craft Lane, Buchanan, NY		Prepared by: Igor Golshteyn		
Call Date: 10/7/98	Call Time: <u>13:30</u>	To X From : Mark Levenway		
Organization: NYSDEC	.	Tel No. <u>(518)</u> 457-2475		

According to Mr. Mark Levenway, the New York State Department of Environmental Conservation (NYSDEC) only Catskill and Adirondack regions of New York State may have designated wilderness areas. The subject site is not located in either of these regions.

Page: 1 of: 1



United States Department of the Interior

FISH AND WILDLIFE SERVICE 3817 LUKER ROAD CORTLAND, NY 13045

98-216-00

December 29, 1998

Mr. Ed Schoeffmann Project Geologist G.C. Environmental, Inc. 410 Saw Mill River Road Ardsley, NY 10502

Dear Mr. Schoeffmann:

This responds to your letters of December 3 and 10, 1998, requesting information on the presence of endangered or threatened species in the vicinity of:

- The proposed addition of an antenna for wireless services to the top of an existing pelectrical transmission tower and an equipment shed at Verplanck on Craft Lane in the Village of Buchanan, Westchester County, New York.
- 2. The proposed construction of a 150-foot monopole for wireless services and an equipment shed at its base at the Oakwood Cemetery at 304 Lexington Avenue, in the Village of Mount Kisco, Westchester County, New York.
- 3. The proposed addition of an antenna for wireless services to the top of the existing Kings College Water Tower and an equipment shed at the base, in the Village of Briarcliff Manor, Westchester County, New York.
- 4. The proposed construction of a 100-foot monopole for wireless services and an equipment shed at the base at the fire and police station, Post Road and Fenimore Road, in the Village of Scarsdale, Westchester County, New York.
- 5. The proposed construction of a 110-foot monopole for wireless services and an equipment shed at the base at the Mount Eden Cemetery, 20 Commerce Street, in the Village of Hawthorne, Westchester County, New York.
- 6. The proposed construction of a monopole for wireless services and an equipment shed at its base at Ciba-Geigy, Saw Mill River Road, in the Village of Ardsley, Westchester County, New York.
- 7. The proposed addition of an antenna for wireless services to an existing smokestack at the Mount Laretto Boys Home, 6581 Hylan Boulevard, in the Borough of Staten Island, Richmond County, New York.

- 8. The proposed construction of a 105-foot monopole for wireless services and an equipment shed at the base at Phelps Hospital, 701 North Broadway, in the Village of Sleepy Hollow, Westchester County, New York.
- The proposed addition of an antenna for wireless services on top of an existing AT&T tower and an equipment shed, in the Town of Hawthorne, Westchester County, New York.

Except for occasional transient individuals, no Federally listed or proposed endangered or threatened species under our jurisdiction are known to exist in the respective project impact areas. Therefore, no Biological Assessment or further Section 7 consultation under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) is required with the U.S. Fish and Wildlife Service (Service). Should project plans change, or if additional information on listed or proposed species becomes available, this determination may be reconsidered.

The above comments pertaining to endangered species under our jurisdiction are provided pursuant to the Endangered Species Act. This response does not preclude additional Service comments under the Fish and Wildlife Coordination Act or other legislation.

For additional information on fish and wildlife resources or State-listed species, we suggest you contact:

New York State Department of Environmental Conservation Region 3 21 South Putt Corners Road New Paltz, NY 12561-1676 (914) 256-3000 New York State Department
of Environmental Conservation
Wildlife Resources Center - Information Services
New York Natural Heritage Program
700 Troy-Schenectady Road
Latham, NY 12110-2400
(518) 783-3932

For additional information on fish and wildlife resources or State-listed species in Richmond County, we suggest you contact the New York State Department of Environmental Conservation at the above address in Latham, New York, and the Region 2 office at 47-40 21st Street, Long Island City, NY 11101 (telephone: [718] 482-4900).

National Wetlands Inventory (NWI) maps may or may not be available for the respective project areas. However, while the NWI maps are reasonably accurate, they should not be used in lieu of field surveys for determining the presence of wetlands or delineating wetland boundaries for Federal regulatory purposes. Copies of specific NWI maps can be obtained from:

Cornell Institute for Resource Information Systems
302 Rice Hall
Cornell University
Ithaca, NY 14853
Telephone: (607) 255-4864

Work in certain waters and wetlands of the United States may require a permit from the U.S. Army Corps of Engineers (Corps). If a permit is required, in reviewing the application pursuant to the Fish and Wildlife Coordination Act, the Service may concur, with or without

stipulations, or recommend denial of the permit depending upon the potential adverse impacts on fish and wildlife resources associated with project implementation. The need for a Corps permit may be determined by contacting Mr. Joseph Seebode, Chief, Regulatory Branch, U.S. Army Corps of Engineers, 26 Federal Plaza, New York, NY 10278 (telephone: [212] 264-3996).

If you require additional information please contact Michael Stoll at (607) 753-9334.

Sincerely,

mark W. Clar ACTING FOR

David A. Stilwell Acting Field Supervisor

cc: NYSDEC, New Paltz and Long Island City, NY (Environmental Permits)

NYSDEC, Latham, NY COE, New York, NY

New York State Department of Environmental Conservation

Division of Fish, Wildlife & Marine Resources
Wildlife Resources Center - New York Natural Heritage Program
700 Troy-Schenectady Road, Latham, New York 12110-2400
Phone: (518) 783-3932 FAX: (518) 783-3916



December 11, 1998

Ed Schoeffmann G. C. Environmental Inc. 410 Saw Mill River Road Ardsley, NY 10502

Dear Mr. Schoeffmann:

We have reviewed the New York Natural Heritage Program files with respect to your recent request for biological information concerning the proposed Antenna for existing transmission tower, Verplanck, site as indicated on your enclosed map, located in the Town of Buchanan, Westchester County.

We did not identify any potential impacts to endangered, threatened, or special concern wildlife species, to rare plant, animal, or natural community occurrences, or to other significant habitats.

The absence of data does not necessarily mean that rare or endangered elements, natural communities or other significant habitats do not exist on or adjacent to the proposed site, but rather that our files currently do not contain any information which indicates the presence of these. Our files are continually growing as new habitats and occurrences of rare species and communities are discovered. In most cases, site-specific or comprehensive surveys for plant and animal occurrences have not been conducted. For these reasons, we cannot provide a definitive statement on the presence or absence of species, habitats or communities. This information should not be substituted for on-site surveys that may be required for environmental assessment.

This response applies only to known occurrences of rare animals, plants and natural communities and/or significant wildlife habitats. Please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, at the address enclosed for information regarding any regulated areas or permits that may be required (e.g., regulated wetlands) under State Law.

Sincerely,

Kirstin L. Seleen, Information Services

NY Natural Heritage Program

Enc.

cc: Reg. 3, Wildlife Mgr



New York State Office of Parks, Recreation and Historic Preservation Historic Preservation Field Services Bureau Peebles Island, PO Box 189, Waterford, New York 12188-0189

518-237-8643

Bernadette Castro Commissioner

January 19, 1999

Ed Schoeffmann G.C Environmental 410 Saw Mill River Road Ardsley, NY 10502

> Re: FCC / GCE #98-216-00 NEPA Survey, Craft Ln. V/Buchanan, Westchester Co. 98PR38690

Dear Mr. Schoeffmann:

Thank you for consulting with us on this project. As the State Historic Preservation Office (SHPO), we are providing the following comment in accordance with Section 106 of the National Historic Preservation Act of 1966 and relevant implementing regulations.

Enclosed please find a printout of State and National Register of Historic Places listed properties in the Village of Buchanan and a list of inventoried properties in the Village.

Due to the scope and location of the project, it is the SHPO opinion that co-location of the proposed antenna on an existing tower will have no effect on buildings, structures, objects or sites in or eligible for inclusion in the National Register of Historic Places.

If you have any questions regarding this review, please call Peter Shaver at (518) 237-8643, extension 264. Please refer to project number 98PR3860 in any future correspondence.

Sincerely,

Ruth L. Pierpont

Director, Historic Preservation

Field Services Bureau

Rughed, Purport

encls:

RLP:jw

98 PR 3860

The enclosed materials contain information on the State and National Registers listings and Registers-eligible properties in the municipality(ies) with which you are concerned. This package contains printouts of historic resources and/or a map or maps that indicate the location(s) of National Register listings.

Enclosed:

State/National Registers and Survey Report(s)

The printout entitled "Survey, SR and NR Listings" is a list of properties on which we have information with an indication of State and National Registers listing/eligibility status. The properties are listed by address. The columns on the right reflect each property's listing or eligibility status.

Also included is a list of the National Register listings in the municipality(ies) arranged by "NR number"; this is the code number that appears next to those properties that are State/National Registers listed. The columns to the right contain State Board for Historic Preservation Action (Approved, Tabled, or Rejected), State Register listing date, National Register listing date, Federal Eligibility date (in cases such as owner objection to a listing, the National Park Service issues a decision that the property is eligible for listing), and date of listing as a National Historic Landmark. This last category is relatively rare.

As we are still in the process of computerizing our records, the complete designation history of most properties may not be reflected in this report. This means that the most recent action has been recorded, but that some or all of the preceding steps may not have been entered yet.

MAP(S) of National Register listings locations

This map does not include State and National Registers eligible properties. It should be noted that almost all National Register listings are also listed in the State Register of Historic Places and that there are also many properties that are State Register listed only.

SURVEY, SR AND NR LISTINGS IN THE VILLAGE OF BUCHANAN AS OF 12-16-98 PAGE 1 ART OF S AND NR LISTING ENTITY U = UNDETERMINED I = INDIVELIG D = ELIG AS PART OF A DISTRICT N = NOT ELIG PR Srvy Street SEQ NO BF Number... STREET NAME.... LOC INFO....... BUILDING NAME...... DET Det. NR #S... SR DATE. NR DATE. NHL...... 000002 * 95 ALBANY POST RD GEIS HOUSE 000011 * 98 ALBANY POST RD UNDERWOOD RES 000012 * 100 ALBANY POST RD HEADY RES 000013 * 106 ALBANY POST RD BRUNOS LITTLE BEAR WHEEL ALIGNMENT 000014 * 114 ALBANY POST RD LANCASTER RESIDENCE 000003 * 115 ALBANY POST RD AGREST RESIDENCE 151 ALBANY POST RD 000004 * PRESTON RES BRUNOS LITTLE BEAR WHEEL 000015 * 160 ALBANY POST RD ALIGNMENT 000005 * 161 ALBANY POST RD D.M. GLASS CHAMPION RESIDENCE 000016 * 162 ALBANY POST RD 000017 * 170 ALBANY POST RD HEYD RES 000018 * 172 ALBANY POST RD TOMLINSON RES 000019 * 176 ALBANY POST RD STODDARD RESIDENCE 000006 * 213 ALBANY POST RD LANGE RESIDENCE 000020 * 214-216 ALBANY POST RD LENT RES MANN RESIDENCE 000007 * 215 ALBANY POST RD 000008 * 217 ALBANY POST RD YAFCAK RES 000009 * 219 ALBANY POST RD ENEA RES 000010 * 229 ALBANY POST RD LN RES 000021 * 119 BANNON AVE REES 000023 * 120 BANNON AVE WILSON RES 000022 * 123 BANNON AVE CAREY RES 000029 * 195 BANNON AVE FERRUSI RES 000024 * 204 BANNON AVE FYFE RES 000025 * 205 BANNON AVE TRAVIS RES 206 BANNON AVE 000030 * CASSCLES RES 000026 * 207 BANNON AVE MERRITT RES 000027 * 211 BANNON AVE ROE RES 215 BANNON AVE O'FREY RES 268 CHURCH ST MC CAULEY RES 000032 * - CHURCH ST NORTHSIDE; AT HENRY ST TRINITY-BOSCOBEL UNITED METHODIST CHURCH 000033 * 181 CORTLANDT ST WELSCH RESIDENCE 000034 * 193 CORTLANDT ST SCOZZAFAVA RES 000035 * 197 CORTLANDT ST PALMBO RES 000036 * - CRAFT LN. OVER PENN CENTRAL RR BRIDGE RAILROAD 000037 * JUNG RESIDENCE 158 FIRST ST 000038 * 162 FIRST ST MORGAN RESIDENCE 000039 * 168 FIRST ST MACKEN RES 000040 * 209 FIRST ST BELL RES 000041 * 195 HENRY ST RENNE RES 000044 * 220 HENRY ST SOMERS RES 000045 * 224 HENRY ST RES 000042 * 231 HENRY ST METZGER RES 000043 * 241 HENRY ST CONKLIN RES 000046 * 190 KETCHUM ST STEWART RES 000049 * 191 KETCHUM ST MATCHESKY RES 000047 * 222 KETCHUM ST MASON RES 000048 * 224 KETCHIM ST ARRIGO RES

OUTBUILDING

COCOCCIA RES

STEWART RES-

ANDERSON RES

PIUCCI RES

LENT RESIDENCE

MROZAK RESIDENCE

CONROY RESIDENCE

BELL TELEPHONE

MONTROSE POINT

COLLENDER RES

PEREE RES

ASH RES

COOK RES

GIBERT RES

DIPIETRO RES

JENKINS RES

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20 ROCKLEDGE AE

201 ROCKLEDGE AVE

202 ROCKLEDGE AVE

205 ROCKLEDGE AVE

207 ROCKLEDGE AVE

216 ROCKLEDGE AVE

229 ROCKLEDGE AVE

- MONTROSE POINT INCLUDING GEORGE'S

ISLAND PARK

232 LEWIS ST

SURVEY, SR AND NR LISTINGS IN THE VILLAGE OF BUCHANAN AS OF 12-16-98 ART OF S AND NR LISTING ENTITY U = UNDETERMINED I = INDIVELIG D = ELIG AS PART OF A DISTRICT N = NOT ELIG Street PR Srvy SEQ NO BF Number... STREET NAME.... LOC INFO....... BUILDING NAME...... DET Det. NR #S... SR DATE. NR DATE. NHL...... 000070 * 157 SECOND ST WASSIL RES 000072 * 158 SECOND ST LAMBERT RES\ 000073 * 160-162 SECOND ST FAY RESIDENCE 000071 * 165 SECOND ST UNINSKY RES 000066 * 149 SEWARD ST MURPHY RES 000067 * 151 SEWARD ST BOONSTRA RES 000069 * 152 SEWARD ST BURRAS RES 000068 * 155 SEWARD ST CONKUN RES 000074 * 179 TATE AVE ZOLTO RES 000090 * 180 TATE AVE STINSON RESIDENCE 203 TATE AVE 000075 * CUMMING RES 000076 * 229 TATE AVE MROZAK RES 000091 * 230 TATE AVE COMMERCIAL 000077 * 233 TATE AVE HEFFERMAN RES 000092 * 236 TATE AVE VILLAGE OF BUCHANAN 000078 * 237 TATE AVE GORDON RES 000079 * 239 TATE AVE JONES RES 000093 * 242 TATE AVE BUCHANAN FOODS * 080000 245 TATE AVE HEFFERMAN RES 000094 * 248 TATE AVE HALFWAY HOUSE PUB 000095 * 256-258 TATE AVE WEINE RESIDENCE 000081 * 259 TATE AVE LEWIS RES. 000096 * 260-262 TATE AVE RES 000082 * 263 TATE AVE MALLES RES 000097 * 264-266 TATE AVE CAMPBELL RES 000083 * 265 TATE AVE MYERS WHITE FRONT RESTAURANT 000084 * 267 TATE AVE BOYLE RESIDENCE 000085 * 159 THIRD AVE MITCHELL RES 187 THIRD ST 000086 * RODDOCK RES 191 THIRD ST STAN RES 154 WESTCHESTER AVE RANZINI RES 000088 * 249 WESTCHESTER AVE BEIGERT RES 000099 * 252-254 WESTCHESTER AVE WEINZ RES 000100 * 256-258 WESTCHESTER AVE RESIDENCE 000089 * 259 WESTCHESTER AVE CIRCLE SHOP: LUNCHEONETTE 000104 * 264 WHITE ST GUSITI RES 000105 * 266 WHITE ST TRAVIS RES 000103 * - WHITE ST NORTH SD; EAST OF ALBANY BUILDING #18 POST RD 000102 * - WHITE ST NORTH SD; EAST OF ALBANY LN MANUFACTURING POST RD

PEEKSKILL MAINTENANCE

SUPPLY CO.

105 records listed.

- WHITE ST

NORTH SIDE; EAST OF

ALBANY POST RD

000101 *



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Eastern Area Office Suite 260 3701 North Fairfax Drive Arlington, Virginia 22203

Trust Services
Natural Resources

JAN | | 1999

Mr. Ed Schoeffmann Project Geologist G. C. Environmental, Inc. 410 Saw Mill River Road Ardsley, New York 10502

Dear Mr. Schoeffmann:

Thank you for the fifty-one letters submitted to the Bureau of Indian Affairs (BIA) during the month of December 1998 requesting information on any Indian religious sites that might be located at or near the subject project sites (see enclosure) in the States of New Jersey and New York.

It is our understanding that this information will be used to help your clients demonstrate and/or document compliance with the Federal Communications Commission (FCC)/NEPA regulations governing the construction and operation of telecommunications facilities and the effect that these facilities may have on any Indian religious sites/burial grounds on or near the above mentioned fifty-one project sites pursuant to 47 CFR 1.1307 (a) (5) - "Facilities that may affect Indian religious sites."

In your letters, you informed the BIA of your client(s) intent to install antennas for wireless services at the various project locations specified in your letters. You requested information which would help your client(s) abide with the above referenced federal rule.

In responding to your requests, we reviewed the maps of the proposed projects and checked the general site information of the projects against our BIA Indian Land Areas Map. Our review of this information revealed that there are no Federally-recognized Indian tribes and/or Indian reservation trust lands at or in close proximity to the fifty-one project sites. As such, we are pleased to inform you that the BIA does not have any trust interests in the lands designated for installation of the wireless telecommunications antennas at each of these locations.

With regard to your inquiries about Indian religious sites, we wish to inform you that the BIA does not maintain a national register or directory of Indian religious sites or other cultural, historical, or archaeological resources. As such, we are unable to provide any of the information you requested on Indian religious sites and the effect that these proposed projects might have on such sites.

As you may be aware, there are no Federally-recognized Indian tribes or Indian reservation trust lands in the State of New Jersey. There are, however, seven Federally-recognized Indian tribes (Cayuga Nation of Indians, Oneida Indian Nation, Onondaga Nation, Seneca Nation, St. Regis Mohawk Tribe, Tonawanda Band of Senecas, and the Tuscarora Nation) in the State of New York. Therefore, we recommend that you contact these Indian tribes for assistance in identifying any Indian religious sites that may be located at or near the fifty-one project sites and which might be adversely affected by the installation of the proposed wireless telecommunications antennas.

Also, we suggest that you contact the State Historic Preservation Officers (SHPOs) of the States of New Jersey and New York. The SHPOs may have information on Indian religious sites located on State-owned or privately-owned Indian or non-Indian lands (not under BIA jurisdiction) and may be able to assist you and your clients in identifying any of these particular sites and in assessing the impact that the proposed projects might have on Indian religious sites.

In conclusion, since the BIA does not have any trust interests in the lands designated for these projects and since (to the best of our knowledge and belief) there are no known Indian religious sites at or near any of the fifty-one project locations, we do not have any information or comments to offer at this time on any issues that might impact Indian trust lands or Federally-recognized Indian tribes/populations.

If we can be of further assistance to you or your client concerning these matters, please feel free to contact Leroy V. Clifford, Environmental Protection Specialist, at Area Code (703) 235-3044; FAX: (703) 235-5565 or E-Mail: leroy clifford@ios.doi.gov.

Sincerely,

Franklin Keel

Eastern Area Director

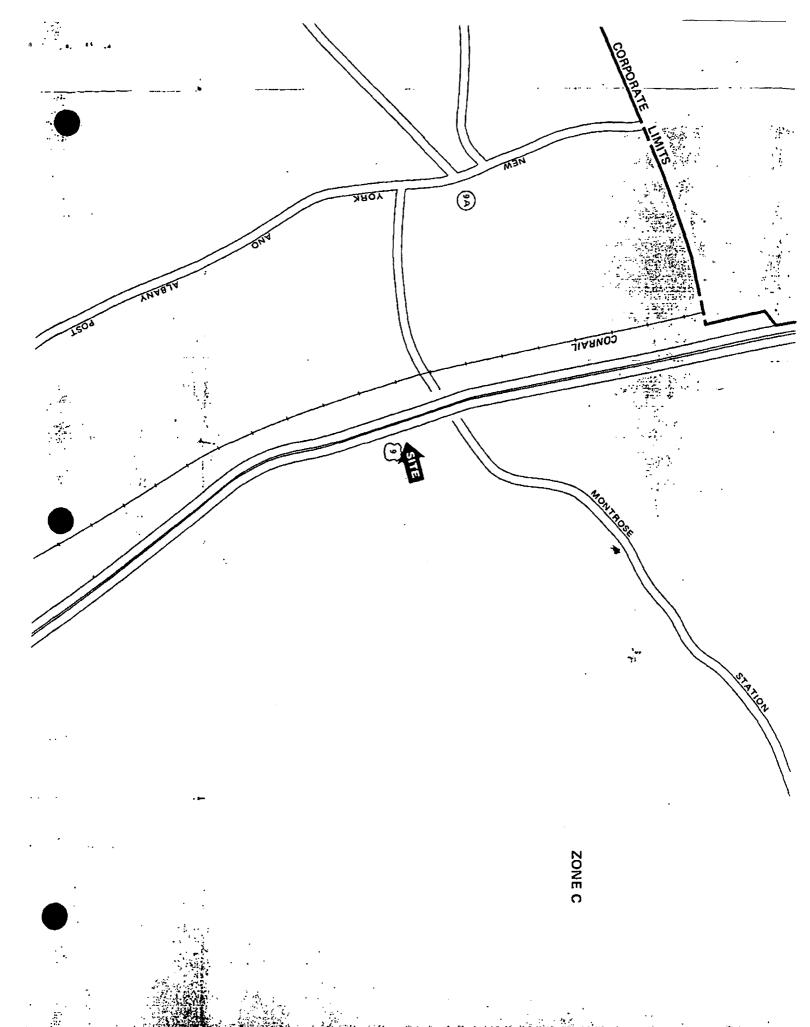
Project Listing

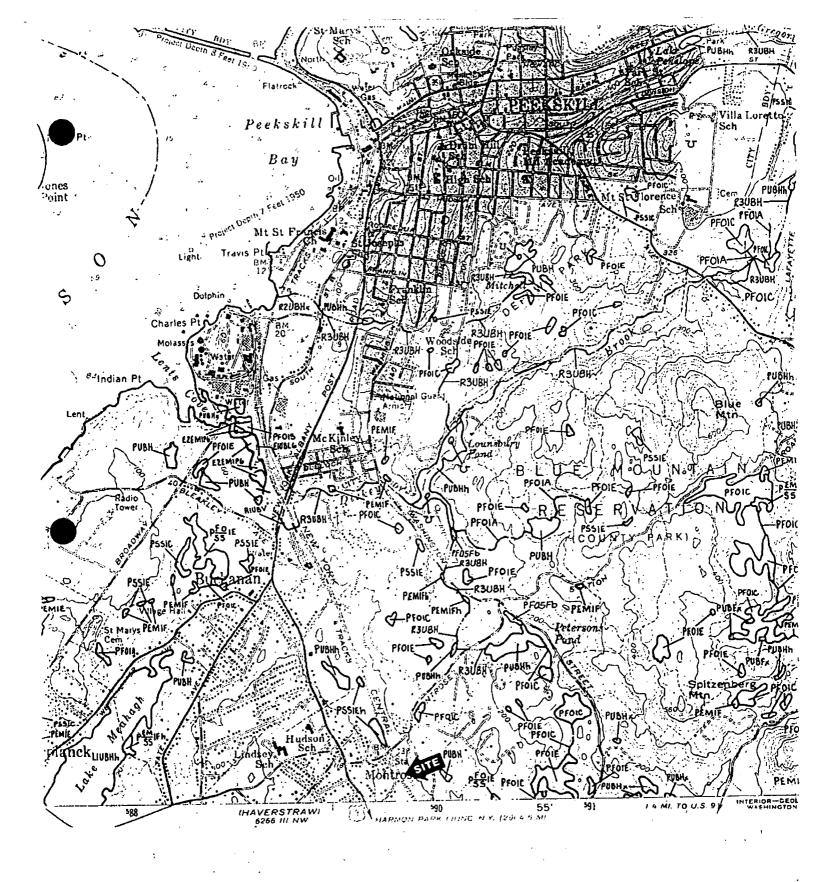
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primity by stereoscopic of this. Wetlands were used on vegetation, visible cordance with Classificaer Habitats of the United tember 1979). The aerial ditions during the specific e taken. In addition, there in the use of the aerial the ground and historical crub DF a revision of the CTID DF a www.fastio.com

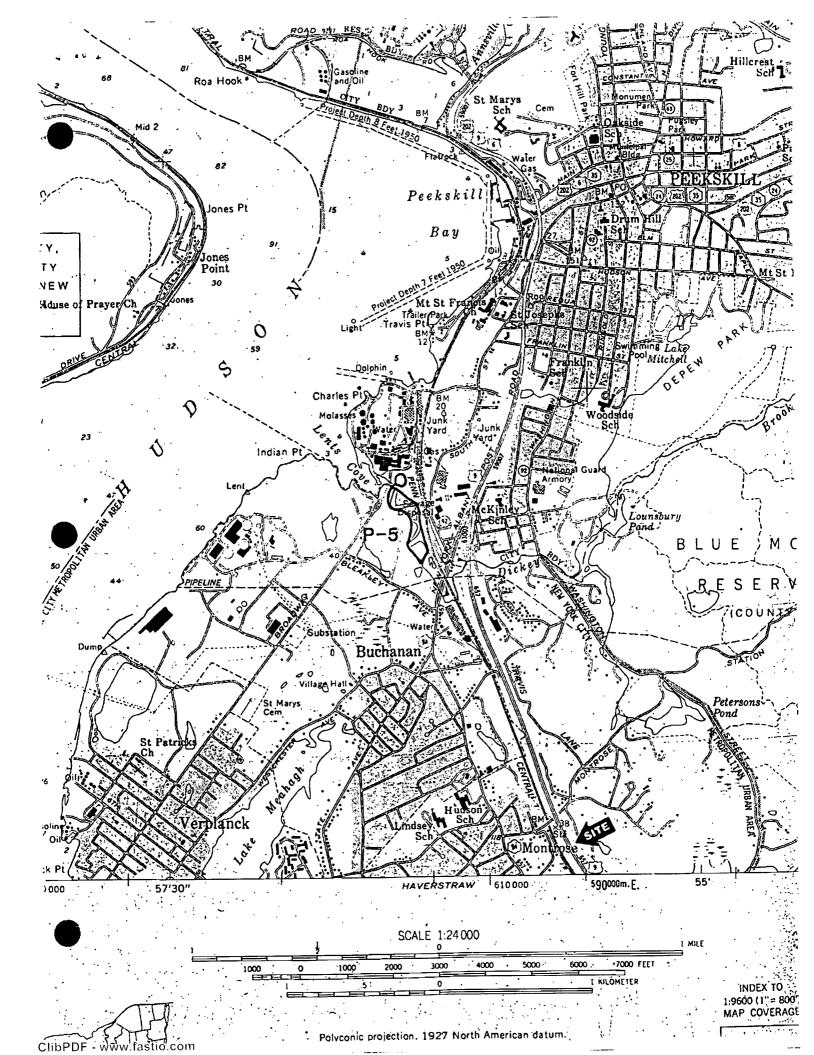
SYMBOLOGY EXAMPLE

SYSTEM
| SUBSYSTEM | CLASS |
| L2EM2F | SUBCLASS WATER REGIME |
| UPLAND (NON-WETLAND) '

NOTES TO THE USER

- Wetlands which have been field examined are indicate
- on the map by an asterisk (*).
 Additions or corrections to the wetlands information displayed on this map are solicited. Please forward suc information to the address indicated.
- information to the address indicated.

 Subsystems, Classes, Subclasses, and Water Regimes in Italics were developed specifically for NATIONAL
- WETLANDS INVENTORY mapping.
 Some areas designated as R4SB, R4SBW. OR R4SBJ (INTERMITTENT STREAMS) may not meet the defini-
- tion of wetland.



LAW OFFICES OF

SNYDER & SNYDER

730 FIFTH AVENUE, NINTH FLOOR NEW YORK, NEW YORK 10019-4105 (212) 749-1448

FAX (212) 932-2693

WRITER'S DIRECT DIAL NUMBER

E MAIL TO NETLAW@IBM.NET

REPLY TO:

NEW JERSEY OFFICE 5 MOUNTAIN BLVD., SUITE IZ WARREN, NEW JERSEY 07060

(908) 756-4555

FAX (908) 757-4724

WESTCHESTER OFFICE

DAVID L. SNYDER* LESLIE J. SNYDER

FAX (914) 948-9704

6 AVERY COURT

(914) 948-9700

*ADMITTED NY, NJ AND DC

WESTCHESTER OFFICE

WHITE PLAINS, NEW YORK 10604

March 23, 1999

CONFIDENTIAL ATTORNEY CLIENT PRIVILEGED

Mr. Doug Fetkowitz Sprint PCS 1 International Boulevard, Suite 800 Mahwah, NJ 07495

Re:

Phase I Environmental Assessment

Con-Ed Tower #F-44

Montrose Station Road, Cortlandt, NY

SAR No. 447

Dear Doug:

With respect to the proposed antennas to be installed on an existing electric transmission line tower and the proposed equipment cabinets to be installed on an approximately 560 square foot parcel of land (the "Site"), which is part of the Con-Edison ("Con-Ed") Tower F-44 property located at Montrose Station Road, Cortlandt, New York (the "Property"), I have enclosed one copy of the Phase I Environmental Site Assessment (the "Phase I Report"), prepared by Tectonic Engineering Consultants P.C. ("Tectonic").

The Phase I Report revealed no evidence of recognized environmental conditions in connection with the Site. Please note that the Phase I Report specifically addresses the location of the Site on the Property. Therefore, if the Site is relocated for any reason, the Phase I Report must be updated.

If you should you have any questions or comments regarding the Phase I Report, please do not hesitate to call me at (914) 948-9700.

Sincerely yours,

Robert D. Gaudioso

Enclosures RDG/cmb

cc:

Rachael Susskind

Fred Krinsky

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA) FOR SAR # 447 CON-ED TOWER F- 44 CORTLANDT, NEW YORK

PREPARED FOR:

SPRINT SPECTRUM LP CROSSROADS CORPORATE CENTER MAHWAH, NEW JERSEY 07494

PREPARED BY:

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FEBRUARY 4, 1999

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PHASE I ENVIRONMENTAL SITE ASSESSMENT FOR SAR # 447 CON-ED TOWER F- 44 CORTLANDT, NEW YORK

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1.0 PURPOSE AND SCOPE OF WORK

Tectonic Engineer Consultant P.C. was retained by Sprint Spectrum L.P. ("Sprint") to perform a Phase I Environmental Assessment on the property located off Montrose Station Road, Cortlandt, Westchester County, New York (the "Property"). The Property is a 19.2 acre parcel of land, which contains the proposed Sprint lease area (the "Site"). The Site consists of a 560 ft.² parcel of land for the installation of Sprint equipment cabinets and a space on an existing Con Edison transmission tower for the installation of antennas, and approximately 70 linear feet for the installation of above ground utilities, as shown on Figure II.

The purpose of this investigation was to provide a preliminary evaluation of the potential environmental risks associated with the Site. The investigation was performed in accordance with ASTM E 1527-97 "Environmental Site Assessments", in order to provide "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice."

Tectonic performed the following tasks within the scope of this investigation:

- Reviewed available maps, aerial photographs, and property deeds to establish the land use history of the Site as well as the environmental and hydrogeological setting of the Property.
- 2. Reviewed information regarding the environmental condition and history of the Site and abutting Properties from Federal, State, or Local sources.
- Performed a site reconnaissance for observable evidence, indicating the
 possible use, storage or dumping of contaminants on the Site or
 Properties adjacent to the Site.

4. Prepared a Phase I Environmental Site Assessment Report summarizing the findings and conclusion of this investigation.

The scope of services associated with this Phase I Environmental Site Assessment specifically did not include the performance of environmental soil and water sampling and testing, asbestos sampling or testing, nor the investigation of environmental issues regarding radon.

2.0 BACKGROUND REVIEW

2.1 Property Ownership and Historical Usage

Property ownership for the Site from 1957 to the present has been ascertained through records made available by the Town of Cortlandt Tax Assessor and a review of deeds. The Property is presently designated as tax Section 5505, Block 1, Lot 1, located off Montrose Station Road, Cortlandt, Westchester County.

During the investigation of the Site history, Tectonic conducted:

- 1) A review of aerial photographs from 1954 to 1994
- 2) A review of the available Sanborn Insurance Maps
- 3) A review of the available deed information dating back to 1957

Based on sources listed above, the following history of Property ownership and historical usage was ascertained:

Aerial Photos

Five aerial photographs were reviewed to aid in determining the historical uses of the Property. The photographs cover the period from 1954 to 1994 (Appendix I).

- 1954 The photograph illustrates that the Site is undeveloped and densely vegetated. There is evidence of the Hudson River Division Rail Road.
- 1964 The Site is similar to that of the 1954 photograph. Clearing for the future construction of a NYS Highway Route 9 and utility R.O.W is visible.
- 1970 The completion of the Croton River-Peekskill State Highway (Route 9) is present in this photograph. Also, the power lines erected by Consolidated Edison are obvious. The Site area remains undeveloped and densely vegetated.
- 1989 This photograph is similar to the 1970 photograph.
- 1994 This photograph is similar to the 1989 photograph.

Sanborn Maps

A series of three Sanborn Insurance Maps were obtained for the Site and surrounding areas.

1923 This map illustrates the proposed Site and surrounding area is currently undeveloped. The Hudson River Division Rail Road is present.

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1950 This map is nearly identical to the 1930 map with the exception of additional roads (Henderson Road and Oak Rock). There is indication of slight residential development off of these two new roads.

1964 In this map, the Croton River-Peekskill State Highway is present.

The surrounding areas remain undeveloped.

Title Records

A deed review was performed by Tectonic Engineering Consultants as a part of a survey research. The search included a review of deeds from 1957 to the present from which the following was determined:

- Prior to October 1957, Edward and Louise Thorndike owned the Property.
- 2) Edward Thorndike and Louise Thorndike sold the Property on October 10, 1957 to Consolidated Edison of New York, Inc. The deed was recorded in Book 5747, Pages 481-482.
- Consolidated Edison currently maintains ownership of the Property.

Interview Information

In a telephone interview with Mr. James Sillery of Consolidated Edison, was indicated that there are no known environmental conditions associated with this Site.

2.2 Regulatory History of Site and Surrounding Properties

Environmental Data Resources, Inc. (EDR) conducted a search of available environmental records. The search met the specific requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97.

There were no mapped sites found within the ASTM E1527-97 search radii by EDR's search of available ("reasonably ascertainable") government records. The following Databases were searched:

NPL: National Priorities List (Superfund Sites)

Delisted NPL: NPL Deletions

RCRIS-TSD: Resource Conservation and Recovery Information

System - Treatment, Storage and Disposal Facilities

SHWS: State Haz. Waste

CERCLIS: Comprehensive Environmental Response,

Compensation, and Liability Information System

CERC-NFRAP: Comprehensive Environmental Response,

Compensation, and Liability Information System

NFRAP No Further Remedial Action Planned Sites

CORRACTS: Corrective Action Report

SWF/LF: Facility Register

LUST: Spills Information Database AST: Petroleum Bulk Storage

RAATS: RCRA Administrative Action Tracking System

RCRIS-SQG: Resource Conservation and Recovery Information

System - Small Quantity Generators

RCRIS-LQG: Resource Conservation and Recovery Information

System - Large Quantity Generators

HMIRS: Hazardous Materials Information Reporting System

PADS: PCB Activity Database System

ERNS: Emergency Response Notifications System

FINDS: Facility Index System

TRIS: Toxic Chemical Release Inventory

NPL Lien: NPL Liens

TCSA: Toxic Substances Control Act

MLTS: Material Licensing Tracking System

NY Spills:

NY Spills

CBS UST:

Chemical Bulk Storage (CBS) Database Chemical Bulk Storage (CBS) Database Major Oil Storage Facilities Database

MOSF UST:

Major Oil Storage Facilities Database

HSWDS:

Hazardous Substance Waste Disposal Site Inventory

ROD:

Records of Decision

CONSENT: Coal Gas:

Superfund (CERCLA) Consent Decrees
Former Manufactured gas (Coal Gas) Sites

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

An executive summary of the surrounding Properties revealed six (6) sites are within 0.5 mile to 1.0 mile of the Site. They include the following:

- A review of the CORRACTS list, as provided by EDR, has revealed that there is one (1) site within approximately 1 mile of the subject property.
- 2) A review of the LUST list, as provided by EDR, has shown that there are five (5) LUST sites located within approximately 0.5 miles of the subject site property.

A number of additional sites are included on the database search but based on limited address information the exact location could not be determined. The following unplottable sites are indicated in the database search:

- 1) One (1) SWF/LF site
- 2) One (1) RCRIS-LG site
- 3) Fourteen (14) RCRIS-SG sites
- 4) One (1) CBS site
- 5) Thirteen (13) LUST sites

- 6) Nine (9) NY Spills sites
- 7) Fourteen (14) FINDS sites
- 8) Seven (7) UST sites
- 9) Two (2) AST sites
- 10) One (1) MLTS site
- 11) One (1) HSWDS site

within one (1) mile of the Property and that none of the sites above, based on the limited address information, are within 0.25 miles of the Property. It is noted that many of the sites listed above are indicated on registration databases that are not necessarily an indication of environmental concern or non-compliance. In summary, the environmental records search did not present any significant environmental concerns on Site or in the surrounding vicinity. The records search performed by EDR is located in Appendix II.

2.3 Regional Subsurface Conditions

The entire region lies in the Manhattan Prong physiographic province. Reserved topographic relief characterizes the area. The Site is located at an elevation of approximately 125 and surface drainage appears to be flowing generally west.

The subsurface geology associated with the Site is identified by Geocheck Version 2.1 as Paleozoic mafic intrusives (plutonic and intrusive rocks).

The water table tends to be perched at depths of 4 feet to 30 feet, depending on the locality of the well. The depth of the water table was

not reported for the northern and southern well quadrants. In the eastern quadrant, the depth to the water table is 4 feet. In the western well quadrant, the depth to the water table is 30 feet.

2.4 Floodplain

The Federal Emergency Management Agency (FEMA) flood insurance rate map was reviewed for the Site in question. The Site is mapped on Community Panel Number 360906 007 B with an effective date of April 17, 1985. The Site and surrounding area are within "Zone C" – areas of minimal flooding concern.

2.5 Wetland Inventory Areas

Wetland information was reviewed via the services made available by Environmental Data Resources, Inc. The available map illustrates that the Site is not located within an area designated by the National Wetlands Inventory (1994). A copy of this map is located in Appendix III.

3.0 FIELD RECONNAISSANCE OF SITE AND SURROUNDING AREAS

A site reconnaissance was performed on Wednesday, January 21, 1999. The weather was overcast and cold. The purpose of the visit was to review the environmental conditions associated with the Site and surrounding Property. William Fetter, Chief Engineering Geologist, of Tectonic Engineering Consultants P.C. performed the visual inspection.

The Site is the Consolidated Edison tower (F-44) and surrounding Property, which includes approximately 19.2+ acres in the Town of Cortlandt, Westchester County, New York. Directly adjacent uses include:

- 1) North Single family residential properties
- 2) South Route 9 Highway
- 3) East Continued utility R.O.W
- 4) West Continued utility R.O.W

The reconnaissance was performed by accessing the site via Montrose Station Road and parking at the entrance to the access road. The reconnaissance focused on the proposed Site, although the entire Property was reviewed. The Site consists of an existing tower owned by Consolidated Edison Company of New York, Inc. A dirt drive provides access, which ends shortly past the utility tower. The access road is gated and shows little signs of any unwarranted vehicular traffic.

The proposed Site is located directly north / northwest of the existing tower (figure 2). The proposed 20' x 28' compound will have an access to the existing dirt drive via an adjoining 12' wide grave drive. Parking will be provided in a 20' x 25' gravel area. Two (2) 6' wide gates will access the entrance to the proposed fenced area (8' high chainlink fence).

There were no areas of significant environmental concern evident during the site reconnaissance in either the proposed Site location or the remainder of the Property. There was no evidence of underground tanks, landfilling, monitoring wells, soil staining, etc. that would generally present an environmental concern

on the Site. A series of photographs showing the Site and surrounding Property is located in Appendix IV.

4.0 **SUMMARY AND CONCLUSIONS**

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The Federal and State environmental records review indicated that the Site and Property is not listed on any of the environmental databases searched. Six (6) plottable sites were found within the ASTM radii around the Site. A total of sixty-four (64) unplottable sites were listed in the environmental database search although these sites present minimal concern because of the following:

- 1) None of the plottable sites appear to be located within 0.25 miles of the Property.
- 2) Many of the sites are listed on registration databases, which are not necessarily an indication of environmental concern.

The review of aerial photographs, Sanborn Insurance Maps, and title information give a reasonably clear representation of the historical uses of the Site. Deed information shows that Edward Thorndike and Louise Thorndike retained ownership until 1957. Consolidated Edison of New York, Inc. purchased the Property on October 10, 1957 and is the current owner, which presently bares a utility tower. Aerial photographs and Sanborn Insurance Maps show this Property to have been undeveloped prior to the early 1960's, after which utility transmission towers were erected.

A visual reconnaissance of the entire property was conducted, although it concentrated on the area directly north of the gated entrance to the utility tower

where the proposed Site is located (as shown in Figure II). The Property contains an existing lattice tower. A dirt roadway provides access to the Site from the end of the paved portion of Montrose Station Road. The proposed Site is currently unimproved and is covered with grass, weeds and trees. There were no areas of significant environmental concern evident during the site reconnaissance in either the proposed Site location or the remainder of the Property. There was no evidence of underground tanks, landfilling, monitoring wells, soil staining, etc. that would generally present an environmental concern on the site.

In summary, there is no evidence of recognized environmental conditions in connection with the Site.

5.0 **RECOMMENDATIONS**

Based on the information evaluated and activities conducted during the preparation of this report, no further investigation is warranted at this time.

6.0 <u>LIMITATIONS</u>

This report has been prepared for the exclusive use of Sprint Spectrum LP for specific application to the listed property with the sole purpose of providing a preliminary evaluation of the potential environmental risks associated with this property.

Tectonic Engineering Consultants P.C. has based its conclusions in this report in part on studies, data, and background information provided by others, and makes no guarantees as to the accuracy or completeness of this information.

Our professional services have been performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable engineers and geologists practicing in this or similar situations. No other warranty, expressed or implied, is made as to the professional advice included in this report.

Prepared by:

Robin Evensen Staff Geologist Reviewed by:

William Fetter

Chief Engineering Geologist