

OSWEGO COUNTY



- OS 20: Airport Industrial Park
- OS 21: Independence Industrial Park
- OS 22: Lake Ontario Industrial Park
- OS 23: Oswego County Industrial Park
- OS 24: Riverview Business Park
- OS 25: Columbia Mills

nationalgrid



Independence Industrial Park

County Route 1A and Rikers Beach Road
TOWN OF SCRIBA, OSWEGO COUNTY



Site Profile Characteristics

Site Address

- 282-88 County Route 1A, Oswego, NY 13126

Property Description

- The 135-acre Business Park (the Park) is located along the southeastern shores of Lake Ontario within the Town of Scriba, NY. The Park lies on either side of the intersection of County Route 1A and Rikers Beach Road just northeast of the City of Oswego.
- The 164 acres of available land in the Park is privately owned by Dynegy, a gas and electric cogeneration facility.
- Other major tenants in the area include Sithe/Independence Power, National Grid, and Alcan Aluminum Corporation, among others.

Land Use

- The Park consists of abandoned agricultural land, vacant rural land, and undeveloped land with intermittent shrub overgrowth.
- The adjacent land use consists of industrial gas, the co-generation electrical power plant, storage, and single family residence.
- Lake Ontario lies immediately north of the Park.

Zoning

- There are no zoning regulations in the Town of Scriba and development controls are employed via a site plan review process.
- There are no restrictions regarding permitted uses as long as the site plan review process is completed and approved.
- Special use permits and variances are not needed.

Oswego Co. IDA Contact

Michael Treadwell
Executive Director
44 West Bridge Street
Oswego, New York 13126
1-315-343-1545

Local Contact

Ken Burdick, Supervisor
42 Creamery Road
Scriba, New York 13126
1-315-343-3019

Independence Industrial Park provides potential benefits derived from locating next to a major co-generation project

New and expanding customers can receive electric and gas discounts from National Grid's EDZR program depending on service classifications

Local financing benefits available through the Oswego County IDA

Independence Industrial Park

County Route 1A and Rikers Beach Road
TOWN OF SCRIBA, OSWEGO COUNTY



Property Tax Assessments

- Assessed values for available parcels within the Park range from \$24,600 to \$70,400 on acreages ranging from 12.4 to 65.7 acres.

Topography

- Generally, the Park is primarily flat with slopes between 0% and 8%.
- Site elevation ranges from 260 feet in the northeast corner of the Park to its highest elevation of 310 feet near the southwestern portion of the Park.

Hydrologic Characteristics

- The Park is located within the Lake Ontario Drainage Basin positioned approximately 600 feet south of the lake.
- Water table within the Park ranges from 0.6 feet to 1.5 feet.
- On-site soils fall within hydrologic group D.
- Depth to bedrock ranges from 1.2 feet to greater than 6.6 feet.
- 41.5% of the Park has fair permeability while the remaining 58.5% has poor permeability.

Environmental Site Assessment Summary

- Approximately 12 acres of NWI wetlands (federal and/or state) are mapped in the Park. These wetlands have not been field verified.
- The Park is not located within or near a Significant Coastal Fish and Wildlife Habitat (SCFWH) area, but is located within the NYS landward coastal boundary.
- The Park is not located within a 100-year floodplain area.
- The Park is not located within a designated Critical Environmental Area.
- Federally protected species with potential to be located within the Park include the Indiana Bat and Bog Turtle.
- Approximately 10% of the site is mapped within an Archeological Sensitive Area.
- The Park is not located within a State certified agricultural district.

Independence Industrial Park

County Route 1A and Rikers Beach Road
TOWN OF SCRIBA, OSWEGO COUNTY



Transportation and Site Access

- Access to the industrial park from County Route 1A is provided by Rikers Beach Road as well as Independence Way.
- Interstate access to I-81 is available through Exit 34 (Mexico) located approximately 19 miles east of the Park along NYS Route 104. I-81 southbound from Exit 34 can also provide access to I-90.
- Interstate access to I-481 is located approximately 17 miles south of the Park along NYS Route 481S.
- Interstate access to I-90 is also available through Exit 40 (Weedsport) located approximately 35 miles south of the Park along NYS Route 34.
- CSX operates a north-south rail mainline which provides service directly to the Park.
- The Syracuse Rail Yard and Intermodal Terminal is located 46 miles southeast of the Park in Syracuse, NY.
- Port of Oswego is approximately 4 miles west of the Park along the southern shore of Lake Ontario in the City of Oswego.
- Oswego County Airport is located 13 miles to the southeast of the Park.
- Syracuse Hancock International Airport is approximately 40 miles to the southeast, centrally located in Onondaga County.

Utilities

Municipal Water Supply

- Public water supply is provided from the City of Oswego via 8" and 12" water mains along County Route 1A and Rikers Beach Rd. A 36" main is also available from the City of Oswego in proximity to the Park.
- The water system has a capacity of 6 million gallons per day.

Municipal Sewer

- Public sewer services are available adjacent to the Park via a 15" gravity main along County Route 1A. Sewage is treated at the City of Oswego East Side Wastewater Treatment Plant (WWTP)
- The WWTP is functioning well meeting SPDES permit parameters with the exception of maximum daily settleable solids. This could potentially restrict the WWTP's ability to accept high solid waste content from the Park. The WWTP available capacity is 3.35 million gallons per day.
- Storm sewers are not available at the Park.

Electric Service

- National Grid provides 13.2 kV electric services directly to the Park via overhead lines along County Route 1A and Rikers Beach Road.
- There are multiple 115kV lines within 2 miles of the Park to the west.

Natural Gas

- National Grid provides natural gas services adjacent to the Park via a 26" gas main line.

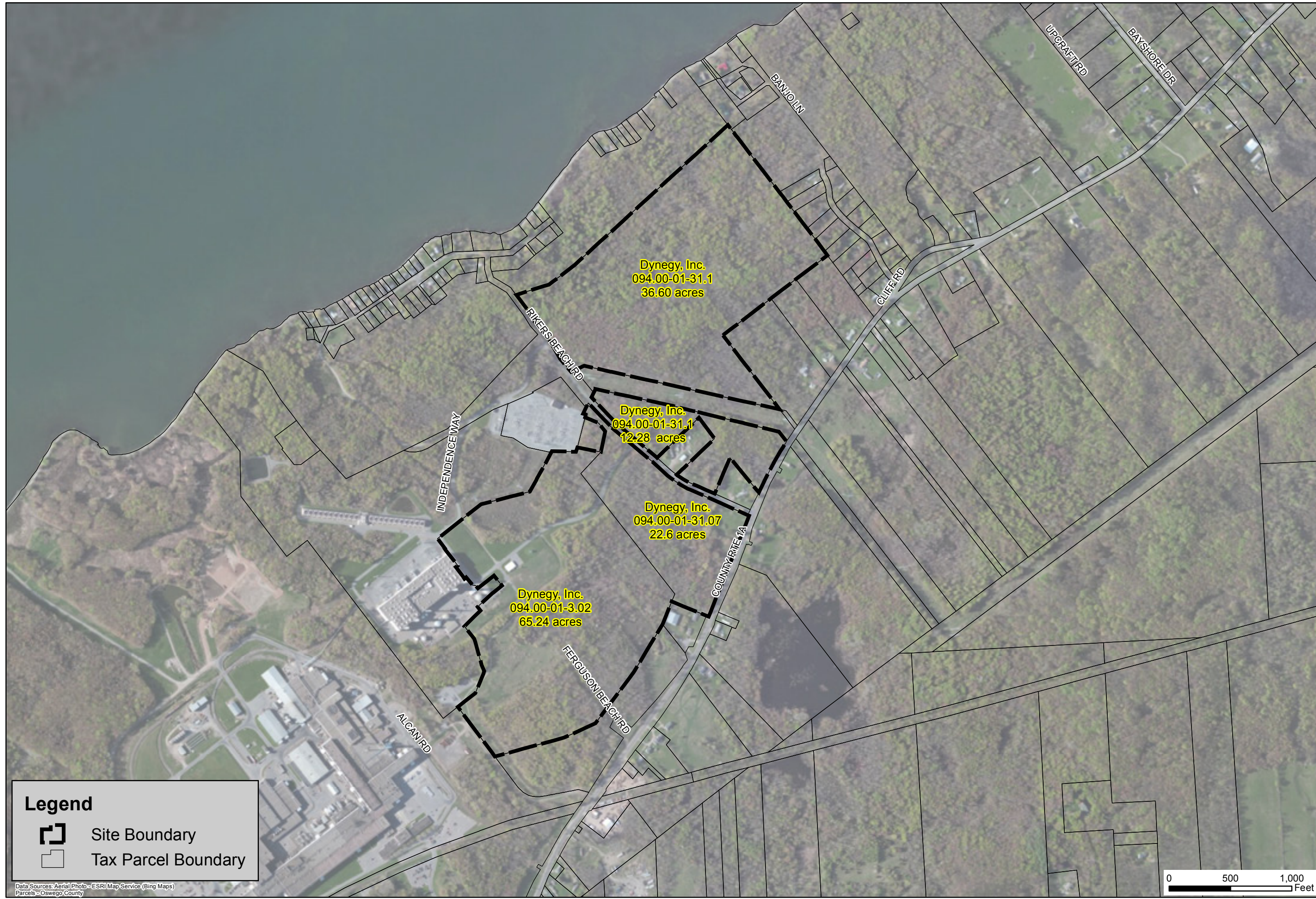
Telecommunications

- Verizon provides telephone services while Verizon and Time Warner Cable provide internet services directly to the Park.





Site Layout Features

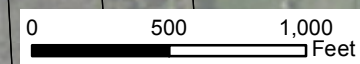
- ◆ Various sites available totaling over 164 acres
- ◆ Town of Scriba currently has no zoning requirements; all development is subject to review and approval by the Planning Board on a case by case basis
- ◆ Situated along Lake Ontario and near the gas-fired co-generation plant called Independence Station
- ◆ Site access off of County Route 1A
- ◆ Utility and roadway infrastructure allows flexible development opportunities
- ◆ Within 5 miles of NYS 481 and access to Interstate 81
- ◆ Port of Oswego located 4 miles to the west
- ◆ CSX/Conrail borders southwest corner of site
- ◆ Up to 100% of site may be utilized
- ◆ Development scenarios include manufacturing, industrial, processing, energy research and development, profession service, office, retail, support businesses



Legend

-  Site Boundary
-  Tax Parcel Boundary

Data Sources: Aerial Photo - ESRI Map Service (Bing Maps)
Parcels - Oswego County



OS-21 Independence Industrial Park

Site Location Map

Oswego County New York



Date
August 2013

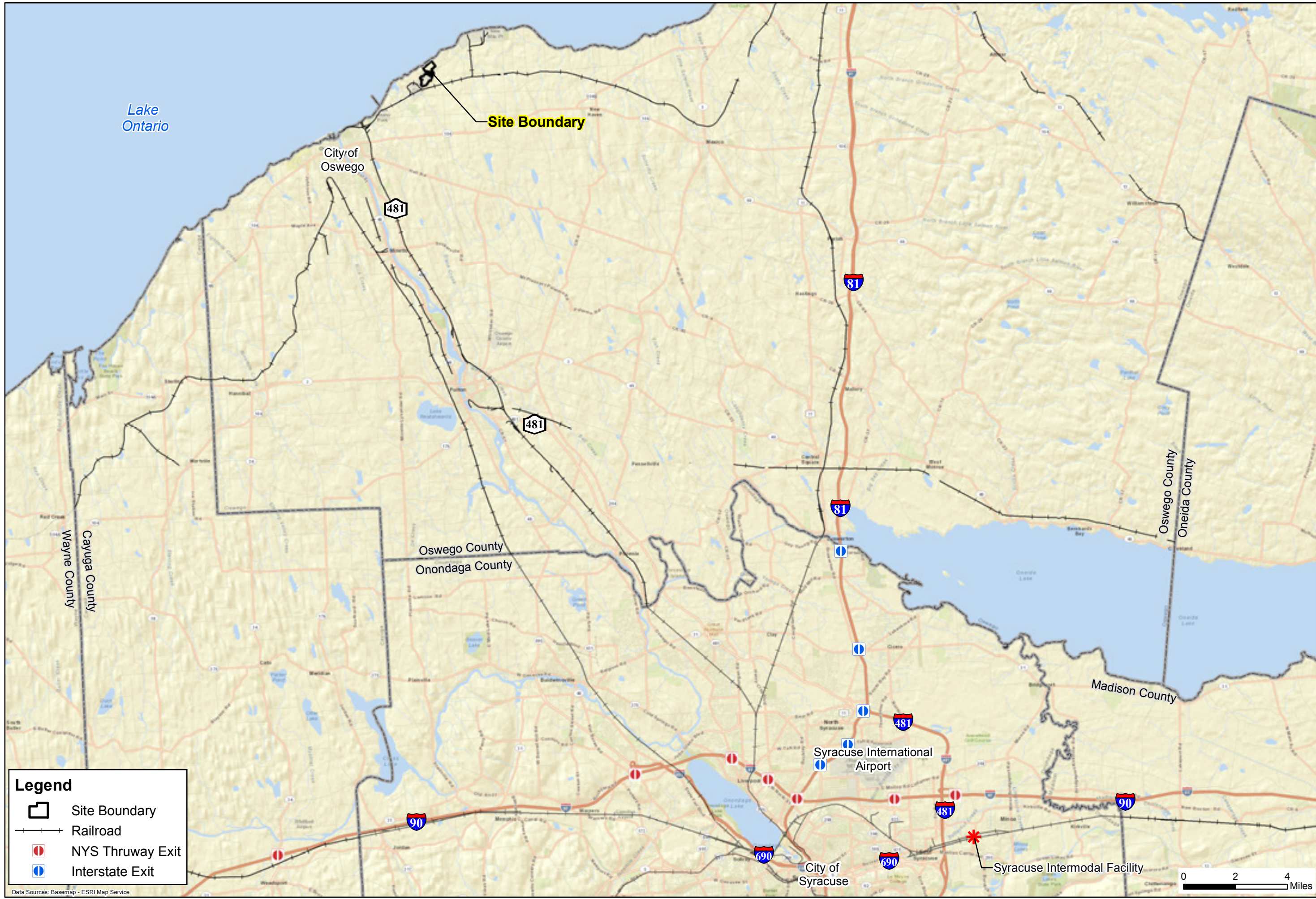
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Figure Number
2

File Number
1581.001

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FILE: 1581.001.001.DWG; PROJECT: OS-21 INDEPENDENCE INDUSTRIAL PARK; DATE: 08/13/2013 10:27:27



Legend

- Site Boundary
- Railroad
- NYS Thruway Exit
- Interstate Exit

Data Sources: Basemap - ESRI Map Service

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Central New York Regional Planning & Development Board

BL
Barton & Loguidice, P.C.

OS-21 Independence Industrial Park
Transportation
 Oswego County New York

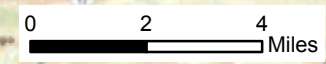
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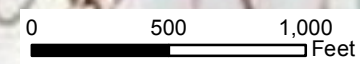




Legend

 Site Boundary

Data Sources: Topographic Basemap - USGS



nationalgrid



Central New York Regional Planning & Development Board

Barton & Loguidice, P.C.




OS-21 Independence Industrial Park

Site Topography

Oswego County

New York



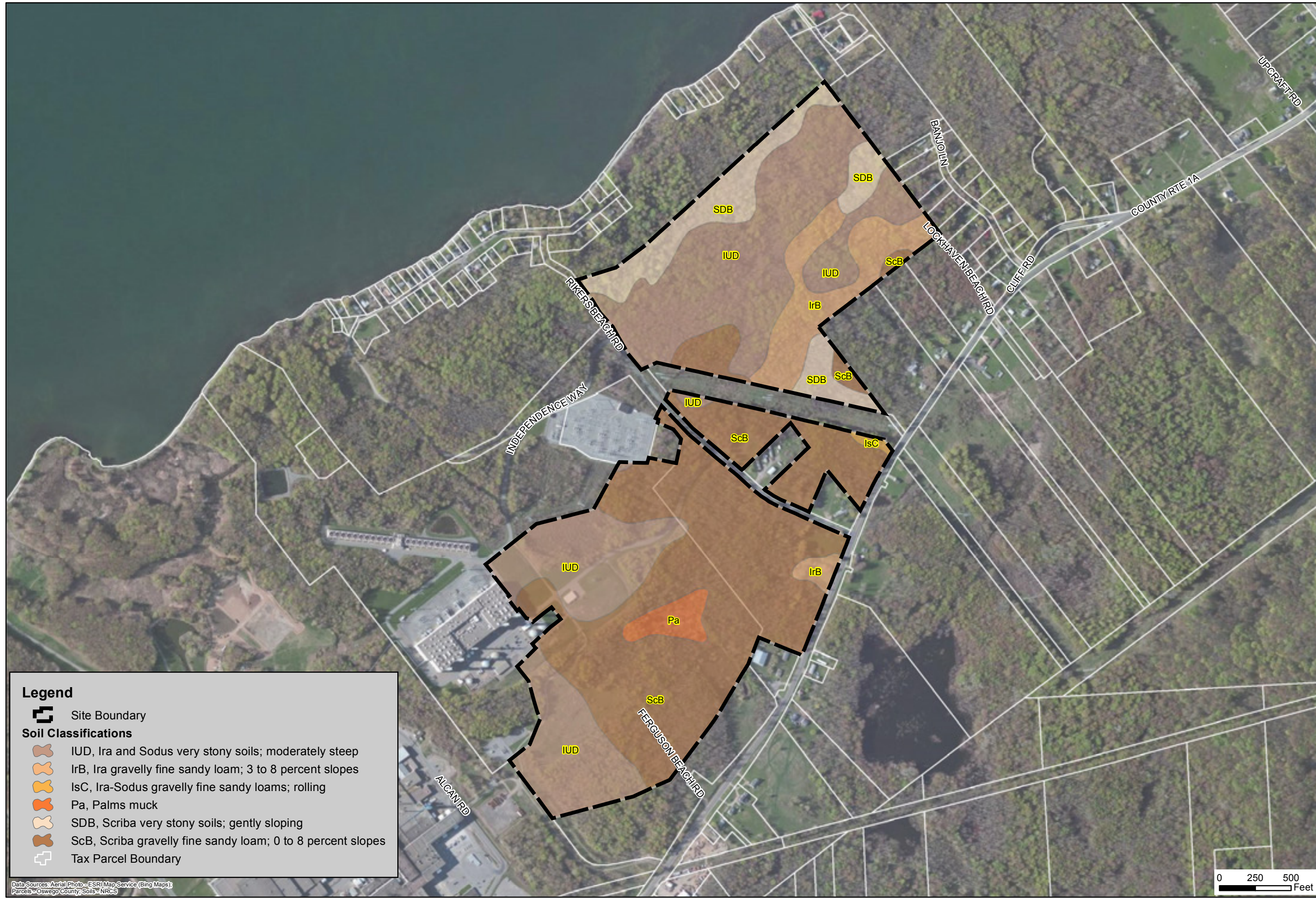
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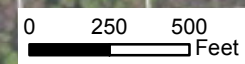
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Legend

- Site Boundary
- Soil Classifications**
- IUD, Ira and Sodus very stony soils; moderately steep
- IrB, Ira gravelly fine sandy loam; 3 to 8 percent slopes
- IsC, Ira-Sodus gravelly fine sandy loams; rolling
- Pa, Palms muck
- SDB, Scriba very stony soils; gently sloping
- ScB, Scriba gravelly fine sandy loam; 0 to 8 percent slopes
- Tax Parcel Boundary

Data Sources: Aerial Photo - ESRI/Map Service (Bing Maps);
 Parcels - Oswego County; Soils - NRCS



Date
 August 2013

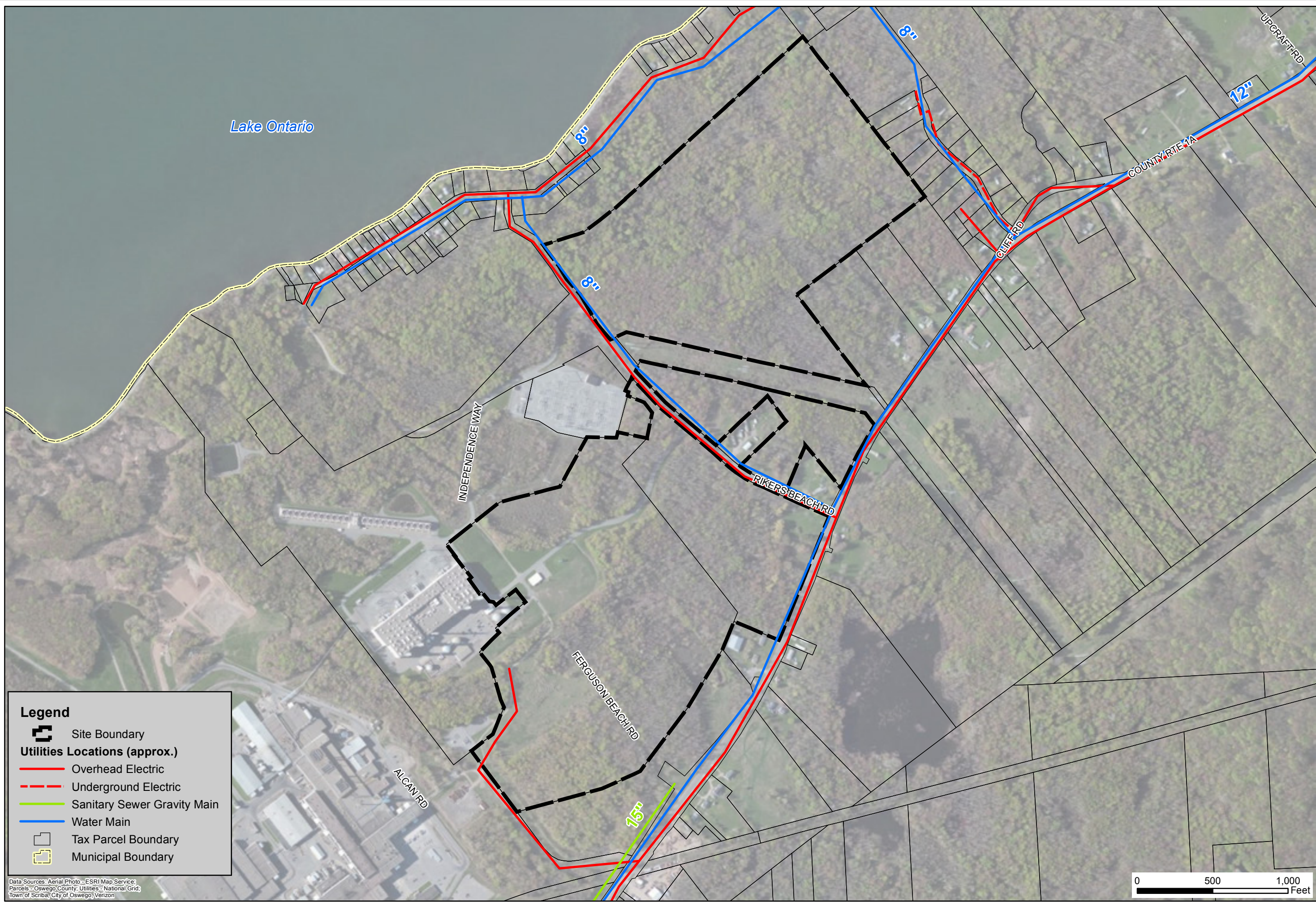
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- Legend**
- Site Boundary
 - Utilities Locations (approx.)**
 - Overhead Electric
 - Underground Electric
 - Sanitary Sewer Gravity Main
 - Water Main
 - Tax Parcel Boundary
 - Municipal Boundary

Data Sources: Aerial Photo - ESRI Map Service;
 Parcels - Oswego County; Utilities - National Grid;
 Town of Scriba; City of Oswego; Verizon



OS-21 Independence Industrial Park
Utility Locations
 Oswego County
 New York



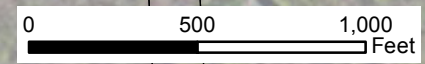
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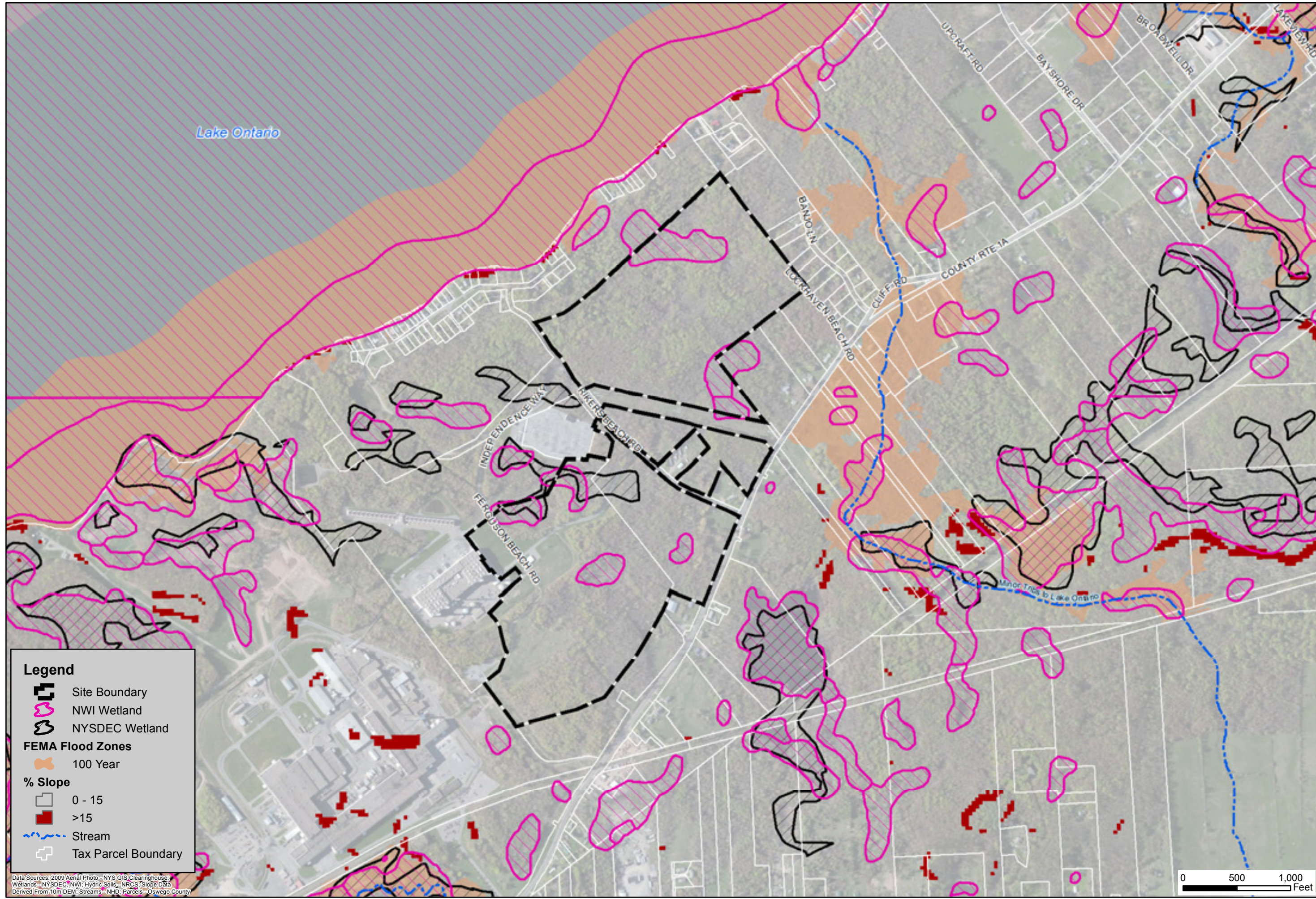
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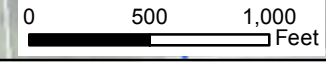




Legend

- Site Boundary
- NWI Wetland
- NYSDEC Wetland
- FEMA Flood Zones**
- 100 Year
- % Slope**
- >15
- Stream
- Tax Parcel Boundary

Data Sources: 2009 Aerial Photo - NYS GIS Clearinghouse; Wetlands - NYSDEC; NWI; Hydric Soils - NRCS; Slope Data Derived From 10m DEM; Streams - NHD; Parcels - Oswego County



Independence Industrial Park

LAND USE

Total Size (acres)	135.88	Assessed Value	Assessed values for parcels on the site range from \$24,600 to \$70,400 on acreages ranging from 12.4 to 65.7 acres.
Land Use	Vacant rural; undeveloped land; abandoned agriculture	Adjacent Properties	Gas, co-generation electrical power plant; single family residence; storage
Road Frontage	1250 feet on County Rte 1A; 1125 on Rikers Beach Rd; 2250 feet on Ferguson Beach Rd; 1550 on Independence Way	Comments	Appropriate future land use on this site will take advantage of the abundant electrical power located adjacent to the site and will capitalize on proximity to Lake Ontario.

ZONING

Uses Permitted	The site is located in the Town of Scriba. There are no zoning regulations in the Town of Scriba and development controls are employed via the site plan review process.		
Off Street Parking	There are no off-street parking regulations in the Town of Scriba and development controls are employed via the site plan review process.		
Set-backs	There are no setback requirements in the Town of Scriba and development controls are employed via the site plan review process.		
Percent of Site that may be utilized	100.00%		
Control of Nuisances	There are no specific nuisance regulations in the Town of Scriba and development controls are employed via the site plan review process.		
Height Restrictions	There are no building height regulations in the Town of Scriba and development controls are employed via the site plan review process.		

DEVELOPMENT IMPLICATIONS SUMMARY

The Town of Scriba has no zoning regulation and development control is employed via the site plan approval process. Therefore, special use permits and variances are not needed.

Independence Industrial Park

TOPOGRAPHIC INFORMATION

Topography	The site topography ranges from 260 feet above mean sea level (msl) in the northeast corner of the site to 310 feet above msl in the southwest portion of the site.
Potential Aesthetic Problems	The northern boundary of the site is located approximately 600 feet from the shore of Lake Ontario.
Restrictions	No topographic restrictions were identified for the site.

SOILS

Mapping Units	The soil types mapped for the site include: ScB-Scriba gravelly fine sandy loam, 0 to 8% slopes (42.3% of site); IUD-Ira and Sodus very stony soils, moderately steep (36.3% of site); SDB-Scriba very stony soils, gently sloping (14.1% of site); IrB-Ira gravelly fine sandy loam, 3 to 8% slopes (5.2% of site); Pa-Palms muck (1.9% of site)	
Drainage Class	Greater than 58.3% of the site is somewhat poorly drained.	
Hydrologic Soil Groups	The dominant mapped soils on-site are classified as hydrologic soil group D.	
Depth to Groundwater	The depth to groundwater ranges from 0.6 feet to 1.5 feet.	
Permeability	Upwards of 41.5% of the site has fair permeability.	
Depth to Bedrock	The depth to bedrock ranges from 1.2 feet to greater than 6.6 feet.	
Bearing Strength	The bearing strength of the on-site soils is low, 2000 pounds per square foot (psf) per NYS Building Code based on class of materials.	

Hydric Soils Present?	Three hydric soil units, Palms muck (Pa); Scriba gravelly fine sandy loam (ScB) and Scriba very stony soils (SDB), is mapped within the site limits.	Groundwater Variation	Seasonal wetness was documented for this site.
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Hydric Inclusions in Soils?	There are no mapped soils recognized as a soil unit with the potential to include hydric inclusions.
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WETLANDS

NYSDEC Wetlands Present?	One NYSDEC regulated wetland is located on the site. Approximately 7 acres of this mapped wetland falls within the site boundaries. The boundaries of NYSDEC mapped wetlands have not been field verified.
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Independence Industrial Park**National Wetlands Inventory**

Seven National Wetland Inventory mapped wetlands are located wholly or partially within the site boundaries. These seven wetlands encompass approximately 12 acres on the site and include freshwater pond, forested, and scrub-shrub covertypes.

Wetlands Delineation Available

No wetland delineation material for the site was available for review.

WATERS / STREAMS**Onsite NYSDEC Mapped Streams**

No NYSDEC mapped streams are located on the site.

Stream Classification

Not applicable.

Flow Regime

Not applicable.

Other Water Resources

The site is located in the Lake Ontario Drainage Basin. The site is adjacent (approximately 600 feet) to Lake Ontario.

Coastal Resources

The site is not located within or near a Significant Coastal Fish and Wildlife Habitat (SCFWH), but it is located within the NYS landward coastal boundary (100% of site). The Town of Scriba is not recognized as having an approved Local Waterfront Revitalization Program (LWRP).

FLOOD PLAINS**Flood Plain Information**

FEMA floodplain mapping was reviewed. There are no 100-year floodplains mapped within the site limits. No designated floodways or coastal erosion hazard areas are identified on-site.

FISH AND WILDLIFE**Nature Explorer Results (State Species)**

The NYSDEC's Nature Explorer identified the following threatened or endangered species as possible residents of Oswego County: Indiana bat; Bald eagle; Black tern; Common tern; Henslow's sparrow; King rail; Least bittern; Loggerhead shrike; Northern harrier; Peregrine falcon; Pied-billed grebe; piping plover; Sedge wren; Upland sandpiper; Bog turtle; Lake chubsucker, Lake sturgeon; Longear sunfish; Mooneye, Round whitefish, Spoonhead sculpin; Bogbean buckmoth, Angled spikerush, Bird's-eye primrose; Calypso; Carey's smartweed; Champlain beachgrass, Creeping sedge, Culver's root; Dragon's mouth orchid, dwarf bulrush; Eastern prairie fringed orchid, Georgia bulrush; Giant pine-drops; Great Plains flatsedge, Hooker's orchid; Houghton's sedge; Lake-cress; Large twayblade; Little-leaf Tick-trefoil; Livid sedge; Low sand-cherry; minute duckweed; Northern bog aster; Northern bog sedge; Northern pondweed; Ogden's pondweed; Orange fringed orchid; Ovate spikerush; Pawpaw; Prairie-smoke; Purple rock-cress; Puttyroot; Ram's-head ladyslipper; Rough panic grass; Salt-marsh spikerush; Sand dune willow; Schweinitz's sedge; Sheathed pondweed; Shrubby St. John's Wort; Sky-blue aster, Slender bulrush; Small bur-reed; Southern Twayblade; Sparse-flowered sedge; Spotted pondweed; Stiff tick-trefoil, Straight-leaf pondweed; Straw sedge; Swamp smartweed; Wright's spikerush; Yellow mountain-saxifrage; and Marsh horsetail.

Independence Industrial Park

US Fish and Wildlife
Service (Federal Species)

Federally protected species that are reported by the U.S. Fish and Wildlife Service with the potential to be located on the site include: Indiana bat and bog turtle.

CRITICAL ENVIRONMENTAL AREA

Site within or near
Critical Environmental
Area

The site is not located within a designated critical environmental area.

CULTURAL AND HISTORIC RESOURCES

Archaeologically Sensitive Area?

Approximately 10% of the site is mapped within an Archaeological Sensitive Area.

Nationally Registered or Eligible
Historic Site?

No National Register or National Register Eligible locations (that have been submitted for review) are identified on the site.

Adjoining a Nationally Registered
or Eligible Historic Site?

No National Register or National Register Eligible locations are identified on adjoining properties.

AGRICULTURAL

State Agricultural District

The site is not located within a State certified agricultural district.

POTENTIAL PERMIT REQUIREMENTS

Section 404 Clean Water Act Nationwide or Individual Permit (US Army Corps of Engineers)
Coastal Consistency Review (NYSDOS)
Section 401 Water Quality Certification (NYSDEC)
Article 24 Freshwater Wetland Permit (NYSDEC)
State Pollution Discharge Elimination System Permit (NYSDEC)

ENVIRONMENTAL IMPLICATIONS SUMMARY

Any impacts to federally regulated wetlands in the future will require a permit and review from the USACE. Depending on the amount of impact, wetland mitigation may be required. The NYSDEC mapped wetlands have associated 100-foot protected buffers. An Article 24 permit will be required for any disturbance to these wetlands or any disturbance within these buffer areas. The avoidance of wetland and water locations on the site should be emphasized. A wetland field delineation should be completed before any site development takes place. A cultural/historic resource review should be completed on-site prior to any development. A threatened and endangered species habitat assessment should also be completed on site prior to development.

Independence Industrial Park

ROADWAY

Adjacent Roadway Network

Independence Industrial Park is located off the southern shores of Lake Ontario adjacent to Lake Road (CRIA). Access to the industrial park from Lake Road (CRIA) is provided by Rikers Beach Road as well as Independence Way. Neither Rikers Beach Road or Independence Way have been assigned a functional class by the NYSDOT, yet should be considered to operate as minor rural arterials. However, Lake Road (CRIA) is classified as a Major Rural Collector road.

Traffic Count Data

The Average Annual Daily Traffic (AADT) counts as measured in vehicles per day (vpd) from the NYS Department of Transportation are as follows:
On Lake Road (CRIA) between North Road and Lake View Road the AADT was 1,735 vpd (October 2009).

Distance to Interstate Highway Network

Interstate access to I-81 is available through Exit 34 (Mexico) located approximately 19 miles east of the site along NYS Route 104. Likewise, interstate access to I-481 is located approximately 17 miles south of the site along NY-481S. Last, access to I-90 is available through Exit 40 (Weedsport) located approximately 35 miles south of the site along NYS Route 34.

Truck Routes

NYS Route 104A/NYS Route 104/NYS Route 104B (east-west) and NY-481S (north-south) serve as the primary trucking routes to access the Independence Industrial Park.

Public Transit Stop Near Site

Centro bus services operate within the City of Oswego providing public transportation throughout western Oswego County as well as connections to Syracuse, NY. The departure point for Centro Buses connecting Oswego to Syracuse is located approximately 5 miles west along Lake Road (CRIA) from Independence Industrial Park.

RAIL

Freight Rail Service Summary

CSX Transportation (CSXT) operates a Class I freight railroad network in the Central New York region. Specifically, the Chicago Main Line provides east/west rail services that link Central New York with New York City, Boston and Chicago through the Syracuse Rail Yard. The St. Lawrence Subdivision of the CSXT network provides north/south rail services linking Syracuse to Massena, and ultimately Montreal from the Syracuse Rail Yard. The St. Lawrence Subdivision junctions with the Fulton Subdivision which provides rail services to the Fulton and Oswego areas. CSXT maintains rail yards in Selkirk and Syracuse, intermodal terminals in Syracuse and Buffalo, and TRANSFLOW terminals in Albany, Syracuse, and Buffalo, NY.

CNY is also served by the NYS&W rail line, a regional network that provides rail freight service from the Syracuse area along a main line south to Binghamton and the NYC metropolitan area, as well as the Finger Lakes Railway Corporation, a short line rail network that provides freight rail service from the Syracuse area to Western New York and Pennsylvania.

Independence Industrial Park

Distance to Rail Siding

CSXT rail siding is currently provided to the Park from a north/south rail mainline which links Oswego, NY to the Syracuse Rail Yard. The Syracuse Rail Yard and Intermodal Terminal is located 46 miles southeast from the Park in Syracuse, NY. East/West & north/south mainline rail is available through the Intermodal Terminal at the Syracuse Rail Yard.

AVIATION

Nearest Commercial Airport

Syracuse Hancock International Airport is located approximately 40 miles southeast of the site. Syracuse Hancock International Airport is recognized as a primary commercial service airport and is part of the New York State Airport System.

MARINE

Nearest Deepwater Port

The closest Deepwater Port is located is the Port of Oswego, located in Oswego, NY, which is approximately 5 miles west of the site.

NYS Canal System

The closest access for commercial barge shipping via the NYS Canal System is currently available from the terminal wall located in Oswego, NY, approximately 5 miles west of the Business Park.

PERMITTING

Permits

Town of Scriba highway work permits will be required for any roadway/utility improvements proposed within the ROW of Lake Road (CRIA), Rikers Beach Road, and Independence Way. In addition, any additional access proposed to either Lake Road (CRIA), Independence Way, or Rikers Beach Road will require a commercial driveway permit approved by the Town of Scriba.

DEVELOPMENT IMPLICATIONS SUMMARY

The Lake Ontario Industrial Park is supported by a multimodal transportation network with access to roadway, aviation, water, and rail infrastructure located within 50 miles of the area.

Independence Industrial Park

WATER SUPPLY

Public Water Supply Available at Site? Yes

Distance From Site (mi.) N/A

System Information

Owner Town of Scriba

Source of Supply Lake Ontario via the City of Oswego

Method of Treatment Filtration, Chlorination, Coagulation, Sedimentation, Fluoridation

Treatment General Comments None

Storage There is a 1 million gallon water storage tank in the Town of Scriba and a 10 million gallons water storage tank (Eastern Reservoir) in the the City of Oswego.

System Capacity

System Capacity (gpd) 16,000,000

System Average Daily Demand (gpd) 10,000,000

System Peak Daily Demand (gpd) 16,000,000

Available System Capacity (gpd) 6,000,000

Capacity "Bottlenecks" There is a bottleneck at the City of Oswego Water Treatment Plant with their filtration system.

Site Specific Details

Is Site in Existing Water District Yes Town of Scriba Consolidated District

Size of water main at site (in) 8

Available Capacity at site (gpd) Data Not Available The system serves both the City of Oswego and Town of Scriba. Peak demand for the systems leave little excess capacity.

Pressure at site (psi) Data Not Available

Have any flow tests been performed near site recently? Yes

Other Details

User charges and water rates Transmission fee: \$3.09/1,000 gallons. Water Rates: Tier I - \$22.48 for the first

Independence Industrial Park

5,000 gallons, \$2.12/1,000 gallons over; Tier 2 - \$728.20 for the first 335,000 gallons and \$1.56/1,000 gallons over; Tier 3 - \$1,938 per first 120,000 gallons and \$1.18/1,000 gallons over. All users are billed monthly

Future upgrades planned

None reported

Future demands known at this time

Novelus will be connecting to the 36" transmission line in three months - with an estimated demand of 2 MDG

General Comments

Water is provided to the Town of Scriba via a 36" main from the City of Oswego. Industrial user permit are required.

System capacity is limited by the City of Oswego's 16 MGD pump station.

Summary

Public water is available at the site via 8-inch water mains along Riker's Beach Road. Bottlenecks at the City of Oswego Water Treatment Plant leave little excess capacity during peak flows.

Contact Notes

Bob Kitts - Town of Scriba Water & Facilities Director (315-342-6894)

SEWER COLLECTION SYSTEM

Public Sewer Available at Site?

No

Distance from site (mi.)

0.25

System Information

Owner

Town of Scriba

System Capacity

Collection System Description and Capacities

Combination of gravity sewers, force mains, and pump stations. The system was built with an excess capacity of 237,700 gpd for future expansions.

Collection System "Bottlenecks"

None reported

Collection System Wet-Weather Issues

N/A

Moratorium on New Users

No

None reported

Site Specific Details

Site in existing sewer district

No

Sewer District No. 1

Size of sewer main at site (in)

15

Available capacity of sewer main at site (gpd)

237,700

Independence Industrial Park

Other Details

Sewer User Charges	\$12.62 for the first 5,000 gallons, plus \$12.62 per 1,000 gallons over
Future Upgrades Planned	The Town of Scriba reported that a potential project would install 15-inch gravity sewer mains at the site. The status of the project is currently unknown.
Future Demands Known at this Time	Novelus may be increasing their wastewater demand in three months

Storm Sewers

Storm sewers available at site	No	None reported, private stormwater systems utilized by Novelus
Site within MS4 Area	No	

Summary

Collection System Comments	None
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Sewer Summary	Public sewer is not available at the site. Closest facilities are a 15-inch gravity sewer a quarter mile southwest of the site, with an estimated excess capacity of 237,000 gpd for future expansion. The Town of Scriba reported that a potential project would install 15-inch gravity sewer mains at the site; The status of the project is currently unknown.
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RECEIVING WASTEWATER TREATMENT PLANT (WWTP)

Owner / WWTP Name	City of Oswego / East Side Waste Water Treatment Plant
Description of Treatment Processes	Activated sludge treatment process, automated with a SCADA system.

Treatment Plant Capacity Details

WWTP Average Daily Design Flow (mgd)	5.35
WWTP Current Avg Daily Flow, Annual (mgd)	1.9
WWTP Current Avg Monthly Flow 'Wet' (March-May)	2.0
WWTP Current Avg Monthly Flow 'Dry' (June-August)	1.6
WWTP Max Average Monthly Flow (past three years) (mgd)	3.19

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WWTP Average Available Flow Capacity (mgd)
(Average Daily Design - Average 'Wet' Months) 3.35

SPDES Permit Constraints

	WWTP SPDES Limits	Current 3-Year Average	Available Capacity
Flow (mgd)	5.35	1.9	3.45
Nitrogen	NH3 - 15 mg/l (May to Oct), 22 (Nov to Apr)	.71 mg/l	
Phosphorous	1 mg/l	.5 mg/l	.5 mg/l
BOD Monthly Avg	30 mg/l & 1339 lb/ day	4.4 mg/l & 70.2 lb/ day	25.6 mg/l & 1268.8 lb/ day
BOD 7 Day Avg	45 mg/l & 2008 lb/ day	6.1 mg/l & 109.2 lb/ day	38.9 mg/l & 1898.8 lb/ day
TSS Monthly Avg	30 mg/l & 1339 lb/ day	6.6 mg/l & 85.9 lb/ day	23.4 mg/l & 1253.1 lb/ day
TSS 7 Day Avg	45 mg/l & 2008 lb/ day	6.9 mg/l & 123.3 lb/ day	38.1 mg/l & 1884.7 lb/ day
Settleable Solids Daily Max	.3 ml/l	.36 ml/l	-.06 ml/l
pH	6.0 - 9.0 Range	7.2	N/A
Other	N/A		

SPDES Limit Excursions (past three years) Settleable solids Jan '10, Mar '10, and Jun '10

Other Details

Future Upgrades Planned None reported

Future Demands Known at This Time None reported

Moratorium on New Users No

Treatment Plant Summary**WWTP Summary**

The WWTP appears to be performing well with regards to its SPDES limits with the exception of Settleable Solids Daily Max. This may restrict the WWTP's ability to accept sewage with high solids content. Further studies may be required.

Contact Notes

Bob Kitts - Town of Scriba Water & Facilities Director (315-342-6894)

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ELECTRIC

Provider	National Grid
3 Phase Voltage (V)	13.2kV (Overhead) / 7.62kV (Overhead) / 115kV (Overhead)
3 Phase Proximity to Site	Adjacent
Singe Phase Voltage (V)	N/A
Singe Phase Proximity to Site	N/A
Comments	National Grid provides 13.2kV overhead electrical lines along Lake Road (CR1A) and 7.62kV overhead electric lines along Rikers Beach Road. In addition, there are multiple 115kV lines within 2 miles of the Park to the east.

GAS

Provider	National Grid
Type	Natural Gas
Proximity to Site	Outside of available mapping; location to be determined.
Pipe Size (in)	26" main line
Pressure (psi)	Not available
Comments	Natural Gas information confirmed by Operation Oswego County, Inc.

TELECOMMUNICATIONS

Provider	Verizon
Proximity to Site	Adjacent
Comments	

INTERNET

Provider	Verizon / Time Warner Cable
Proximity to Site	Adjacent
Comments	

DEVELOPMENT IMPLICATIONS SUMMARY

Sewer - Public sewer is not available at the site