*Wetland #1 Classification: (PSSBD) &(PE1)**
Location: North 763352.223, East 820400.200
Photo bearing: 7d 50'

*Wetland #4 Classification: (PFOBD)**
Location: North 759590.257, East 822727.399
Photo bearing: 184d

*Wetland #6 Classification: (PFOBD)**
Location: North 747479.495, East 844542.004
Photo bearing: 57d

*Wetland #7 Classification: (PSSBD)**
Location: North 747228.673, East 845156.008
Photo bearing: 141d

*Wetland #2 Classification: (PE1)**
Location: North 761655.381, East 820151.111
Photo bearing: 269d

*Wetland #5 Classification: (PFOBD) & (PE1)**
Location: North 754089.518, East 821417.284
Photo bearing: 65d

Typical Stream Confluence: North 750043.343, East 822710.319, Photo bearing 222d

*Wetland #3 Classification: (PSSBD)**
Location: North 758687.554, East 817971.907
Photo bearing: 135d

*Wetland #8 Classification: (PSSBD)**
Location: North 722921.988, East 848261.410
Photo bearing: 201d

Table -1
Dominant Vegetation in Wetland Areas
Lake Lillinonah

	Trees										Shrubs										Vines		Herbaceous Vegetation																Wetland Descriptions				
Wetland Area #	Acer rubrum	Betula alleghaniensis	Acer saccharum	Fraxinus pennsylvanica	Liriodendron tulipifera	Platanus occidentalis	Quercus rubra	Salix sp.	Tsuga canadensis	Tilia americana	Alnus sp.	Berberis thunbergii	Cornus amomum	Hamamelis virginiana	Rhamnus sp.	Rosa multiflora	Salix sp.	Sambucus canadensis	Viburnum cassinoides	Viburnum dentatum	Celastrus orbiculatus	Parthenocissus quinquefolia	Toxicodendron radicans	Vitis riparia	Angelica triquinata	Carex sp.	Equisetum sp.	Impatiens capensis	Iris pseudacorus	Lobelia cardinalis	Onoclea sensibilis	Osmunda cinnamomea	Osmunda regalis	Phalaris arundinacea	Polygonum cuspidatum	Sparganium sp.	Symplocarpus foetidus	Typha latifolia	Wetland Classification (National Wetland Inventory Code)*	Adjacent Wetland System (National Wetland Inventory Code)	Wetland Size (acres)	Wetland Centroid Location (North)	Wetland Centroid Location (East)
1	✓																																					✓	✓	(PSSBD)&(PE1)	Riverine	3.7	763352.223	820400.200
2					✓	✓			✓													✓															✓		(PE1)	Riverine	0.5	761655.381	820151.111
3	✓								✓													✓		✓	✓												✓		(PSSBD)	Riverine	1.2	758687.554	817971.907
4				✓	✓	✓	✓					✓					✓	✓				✓		✓	✓					✓								✓	✓	(PFOBD)	Riverine	6.3	759590.257	822727.399
5				✓	✓		✓			✓		✓					✓					✓		✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	(PFOBD)&(PE1)	Lacustrine	4.1	754089.518	821417.284
6		✓		✓					✓			✓		✓												✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	(PFOBD)	Lacustrine	0.2	747479.495	844542.004
7												✓	✓												✓														✓	(PSSBD)	Lacustrine	1.2	747225.673	845156.008
8		✓									✓						✓							✓														✓	(PSSBD)	Lacustrine	0.6	722921.988	848261.410
																																								Total Acres = 17.8		

* United States Fish and Wildlife Service - National Wetland Inventory - Wetland Classification System Codes where P = Palustrine, E = Emergent, SS= Scrub-Shrub, FO = Forested, BD = Broad Leaved Deciduous and 1 = Persistent

Northwest Conservation District

Map produced August 3, 2010
by NCD GIS Center, mtm
Amended March 4, 2011 - Corrected Lake and Boundary elevations
file: LillinonahWetlandSurveyV5.pdf

0 1,000 2,000 4,000 6,000 8,000 Feet

0 0.5 1 2 Miles

Data Sources:
Connecticut Department of Environmental Protection
Environmental Geographic Center (EGIC),
Connecticut Department of Transportation,
First Light Power Resources,
Northwest Conservation District

Notes:
Field survey dates: July 28, 2010 & August 10, 2010
Lake Elevation: 196.7' CL&P datum = 195.0' NGVD datum
FERC P-2576 Bndy Elevation: 210' CL&P datum = 208.3' NGVD datum
Photograph bearings are True North

***The Connecticut Inland Wetlands and Watercourses Act, Connecticut General Statutes Section 22a-38, defines wetland soils to include, "Any of the soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soil Survey, as may be amended from time to time, of the Natural Resources Conservation Service of the United States Department of Agriculture".*

Map Key

- *Typical Observed Inlet*
- *Photo Location*
- *No Wetlands Identified*
- *FERC P-2576 Project Boundary*
- *Field Verified Wetland*
- *Poorly Drained and Very Poorly Drained Soils***
- *Alluvial and Floodplain Soils***
- *Municipal Boundary*
- *Water Course*
- *Intermittent Water Course*

Littoral Zone Monitoring Plan for Lake Lillinonah
Wetlands Survey

FirstLight Power Resources
GDF SUEZ