



**Osprey Nesting Platform Habitat Improvement Project:
2011 Monitoring Report**

Niagara Power Project (FERC No. 2216)

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Osprey Nesting Platform HIP - 2011 Monitoring Report

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1.0 INTRODUCTION

The New York Power Authority's (NYPA) Niagara Power Project (Project) is licensed by the Federal Energy Regulatory Commission (FERC). As part of the relicensing process, NYPA, state and federal resource agencies, local governments, nongovernmental organizations, and other stakeholders signed a Comprehensive Relicensing Settlement Agreement in 2005 that requires NYPA to develop several habitat improvement projects (HIPs) in the vicinity of Project lands and waters.

One of the HIPs includes the construction of six Osprey (*Pandion haliaetus*) nesting platforms at suitable locations along the Niagara River. These nesting platforms will supplement two existing platforms in Buckhorn Marsh that were installed by the New York State Department of Environmental Conservation (NYSDEC) and New York State Office of Parks, Recreation and Historic Preservation (OPRHP) prior to the initiation of this HIP. As part of the HIP, NYPA will conduct post-construction monitoring at the six constructed platforms, as well as record utilization of the two existing platforms.

This report provides a summary of the 2011 monitoring effort, in which five NYPA Osprey nesting platforms were monitored along with the two previously installed platforms.

2.0 PLATFORM LOCATIONS

In August 2007, NYPA installed the first nesting platform (OP-1) under this HIP in the northwest portion of Buckhorn Marsh, located in Buckhorn State Park near two previously installed platforms (OP-2 and OP-3) that are also being monitored ([Figure 1](#)). In spring 2009, NYPA erected the HIP's second platform (OP-4) on an offshore breakwater island in East River Marsh, located in Beaver Island State Park ([Figure 2](#)). In March 2010, two platforms were installed, one at Tiffit Nature Preserve (OP-5) on the Lake Erie shoreline south of Buffalo ([Figure 3](#)), and another at NYPA's Adams Slip (OP-6) above Niagara Falls ([Figure 4](#)). The fifth platform for this HIP was installed at Little Beaver Island (OP-7) in Beaver Island State Park ([Figure 5](#)) in October 2010, after the end of the 2010 nesting and monitoring season.



Figure 1. Location of Osprey Nesting Platforms at Buckhorn Marsh

N Legend



Osprey Nesting Platform Monitoring Locations

0 200 400 800 Feet

Geographic coordinates reference a WGS 84 horizontal datum
 X/Y coordinates are in feet and reference a NAD 1983 State Plane New York West horizontal datum





OP-4
 LONG: -78° 56' 26.80"
 LAT: 42° 58' 00.38"
 X: 1052622
 Y: 1081169

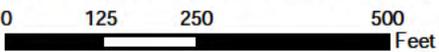


Figure 2. Location of Osprey Nesting Platform at East River Marsh

N Legend



Osprey Nesting Platform Monitoring Locations



Geographic coordinates reference a WGS 84 horizontal datum
 X/Y coordinates are in feet and reference a NAD 1983 State Plane New York West horizontal datum





OP-5
 LONG: -78° 51' 27.82"
 LAT: 42° 50' 53.58"
 X: 1074711
 Y: 1037879

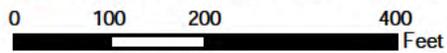


Figure 3. Location of Osprey Nesting Platform at Tifft Nature Preserve

N Legend



Osprey Nesting Platform Monitoring Locations



Geographic coordinates reference a WGS 84 horizontal datum
 X/Y coordinates are in feet and reference a NAD 1983 State Plane New York West horizontal datum



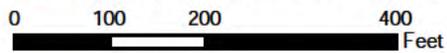


Figure 4. Location of Osprey Nesting Platform at Adams Slip

N Legend



Osprey Nesting Platform Monitoring Locations



Geographic coordinates reference a WGS 84 horizontal datum
 X/Y coordinates are in feet and reference a NAD 1983 State Plane New York West horizontal datum

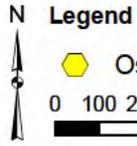




OP-7
 LONG: -78° 57' 36.88"
 LAT: 42° 57' 42.72"
 X: 1047404
 Y: 1079464

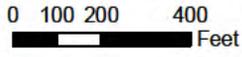


Figure 5. Location of Osprey Nesting Platform at Little Beaver Island



Legend

-  Osprey Nesting Platform Monitoring Locations



Geographic coordinates reference a WGS 84 horizontal datum
 X/Y coordinates are in feet and reference a NAD 1983 State Plane New York West horizontal datum



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The location of the last nesting platform scheduled for this HIP will be determined in the future. [Table 1](#) summarizes the configuration of the installed Osprey Nesting Platforms.

TABLE 1. SUMMARY OF OSPREY NESTING PLATFORM CONFIGURATIONS

ID	Platform	Installed	Installed By	Foundation/Pole/Platform Type	Platform Height/Pole Height (above ground)
OP-1	Buckhorn Marsh – West	August 2007	NYPA & National Grid	Caisson/untreated wood pole/NYPA-designed metal platform	68 ft./73 ft.
OP-2	Buckhorn Marsh – East	pre-2007	NYSDEC & OPRHP	Utility pole/wood platform	Approx. 25 ft.
OP-3	Buckhorn Marsh – Central	pre-2007	NYSDEC & OPRHP	Utility pole/wood platform	Approx. 25 ft.
OP-4	East River Marsh	June 2009	NYPA	H-pile and steel sleeve/untreated wood pole/NYPA-designed metal platform	31 ft./ 36 ft.
OP-5	Tiff Nature Preserve	March 2010	NYPA	Concrete collar around untreated wood pole/NYPA-designed metal platform	55 ft./ 60 ft.
OP-6	Adams Slip	March 2010	NYPA	Caisson/untreated wood pole/NYPA-designed metal platform	55 ft./ 60 ft.
OP-7	Little Beaver Island	October 2010	NYPA	H-pile and steel sleeve in stone base/untreated wood pole/NYPA-designed metal platform	47 ft./ 52 ft.

3.0 OBJECTIVE

Monitoring requirements for this HIP were outlined in the HIPs Report (Kleinschmidt Associates and Riveredge Associates 2005). The monitoring objectives are to determine if the platforms are being utilized by target (i.e., Osprey) or non-target (i.e., Bald Eagle, *Haliaeetus leucocephalus*) species during the 5-year period following installation and to annually inspect the structural integrity of NYPA’s platforms to identify maintenance needs. Monitoring commenced in 2009 (Kleinschmidt 2009).

Osprey Nesting Platform HIP - 2011 Monitoring Report

4.0 METHODS

In 2011, field biologists from Gomez and Sullivan Engineers monitored seven platforms, OP-1 through OP-7, on May 10, June 16, July 14, and August 12. Monitoring was conducted according to the *Osprey Nesting Platform Monitoring Plan* (Kleinschmidt Associates 2009), as summarized below. Based on data from prior years (Kleinschmidt Associates and Gomez and Sullivan Engineers 2010 and 2011), the 2011 monitoring period was refined to focus on the most active period of nesting activity, from May through August. Incidental observations received throughout the year were also documented.

4.1 Osprey Use of Platforms

Platforms installed by NYPA were visually monitored monthly, from May to September, 2009, from April to September, 2010 and May to August, 2011. Observations were made with binoculars to record activity at the nests while maintaining a distance sufficient to minimize disturbance to the birds. Standardized field data sheets were used to record observations. In addition, digital photographs were taken to document Osprey use and physical condition of platforms. Information collected at each platform visit included:

- date and time of observation,
- length of observation period,
- weather conditions,
- observed Osprey activities (e.g., nest building activity),
- evidence of egg incubation or young in the nest,
- number of young observed,
- nearby activity that may affect Osprey nesting on the platform,
- platform condition, and
- digital photograph file numbers and notes.

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4.2 Physical Condition of Platforms

The physical condition of the NYPA-installed platforms, specifically OP-1, OP-4, OP-5, OP-6, and OP-7 was also documented during each field visit. Overall condition and any observed structural deficiencies or other maintenance needs were noted on the data sheets.

5.0 RESULTS

Four monthly monitoring visits were made to seven Osprey nesting platforms in 2011. Observations and photographs from these monitoring visits are included in [Appendix A](#), and summarized in [Table 2](#).

TABLE 2. SUMMARY OF 2011 OSPREY PLATFORM MONITORING RESULTS.

Site	Location	Condition/Status	Activity
OP-1	Buckhorn Marsh – West	Excellent condition	Adult on nest Nest tending Incubation Brooding Feeding 2 fledglings produced from nest
OP-2	Buckhorn Marsh – East [†]	Not assessed	Osprey in the area
OP-3	Buckhorn Marsh – Central [†]	Not assessed	None observed
OP-4	East River Marsh	Excellent condition	None observed
OP-5	Tiff Nature Preserve	Excellent condition	Osprey in the area Adult pair on nest Nest tending Incubation Brooding/Shading Chicks (1 observed, possibly 2) Feeding 1 fledgling produced from nest
OP-6	Adams Slip	Excellent condition	Osprey on perch in June
OP-7	Little Beaver Island	Excellent condition	3 Osprey observed in the area

[†] - Installed by NYSDEC and OPRHP prior to NYPA's HIP

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5.1 Platform Utilization

In 2011, two platforms were used for nesting and fledged three chicks. One other NYPA platform was visited by Osprey during the year. Activities observed during the nesting season included:

Buckhorn Marsh – West (OP-1) – During the first visit on May 10th Osprey were observed in the area, but none were seen on the existing nest built in previous years. Based on conversations with OPRHP staff, it was believed that Osprey were actively using the nest despite the lack of an Osprey present at the time of the first visit. On June 16th, adult Ospreys were observed within the vicinity of the nest, and exhibited behaviors such as brooding and shading by the adult; the presence of two chicks was also documented. The Osprey did not appear to be affected by bike activity observed along the access road near the nest. One adult was observed on the perch and two fledglings were observed in the nest during the July 14th visit. On August 12th no adults were observed at the nest, but a juvenile Osprey was observed at the site.

Buckhorn Marsh – East (OP-2) – One Osprey was observed in the vicinity of the platform on August 12th. There was no other indication of Osprey interest in the NYSDEC/OPRHP platform observed during the other monthly monitoring visits. During the July visit, a Great Blue Heron was observed standing on the nesting platform.

Buckhorn Marsh – Central (OP-3) – No indication of Osprey interest in the NYSDEC/OPRHP platform was observed during the monthly monitoring visits. A Great Blue Heron was standing on the nesting platform at the time of the July visit.

East River Marsh (OP-4) – In 2011, no Osprey were observed at the platform during any of the monthly monitoring visits. A Great Blue Heron was observed near the platform during the July visit.

Tift Nature Preserve (OP-5) – The Preserve Manager reported that Osprey were building a nest on the platform from April 18th through April 21st, prior to the start of scheduled monitoring activities ([Appendix B](#)). On May 5th, their nest was evident and Osprey were observed utilizing the perch and platform, tending the nest and exhibiting brooding, shading and incubation behavior. On June 16th, one adult was observed on the nest and one on the perch above the platform. On July 14th, evidence of shading was observed and one chick was visible. On August 12th, a single fledgling was observed and both adults were seen tending the nest and feeding.

Adams Slip (OP-6) – No Ospreys were observed at the platform during any of the monthly monitoring visits. However, a NYSDEC employee observed a single Osprey perched on the OP-6 platform on June 28th; no other evidence of activity was observed.

Little Beaver Island (OP-7) – On August 12th, 2011, three Osprey were observed in the vicinity of the platform. One Osprey was observed on the perch at the top of the pole. No other evidence of activity was observed during the year.

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5.2 Physical Condition of Platforms

The NYPA platforms (OP-1, OP-4, OP-5, OP-6, and OP-7) were visually inspected during each of the four monthly monitoring visits in 2011. All platforms appeared to be in excellent condition throughout the monitoring season, and no maintenance concerns were noted.

6.0 DISCUSSION

Early indications are that the Osprey nesting platforms installed by NYPA are functioning as intended, with six Osprey fledglings produced to date at these platforms (Kleinschmidt Associates and Gomez and Sullivan Engineers 2010 and 2011). There were also no indications that the platforms required maintenance. Osprey have nested at NYPA's platform (OP-1) in Buckhorn Marsh during each of the 4 years since its installation in August 2007 (Table 3). One chick fledged from the nest in 2009, two chicks fledged in 2010, and two chicks fledged in 2011, indicating successful reproduction at this location despite bicycle and jogger activity on the nearby access trail. In addition and for the first time, a pair of Osprey using OP-5 (Tiff) successfully fledged a single chick in 2011.

No Osprey were observed at East River Marsh (OP-4) in 2011. The Tonawanda Coke crane is an established nesting location that offers a much higher nesting opportunity. The removal of the crane, originally scheduled for 2009, has been delayed, but once completed should increase the attractiveness of the nesting platform at East River Marsh.

It is also encouraging that Osprey were showing interest in the Adams Slip and Little Beaver Island platforms, and this may be a sign of use in future breeding seasons. The Adams Slip platform will provide key nesting opportunities as the Osprey population along the Upper Niagara River grows and expands.

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TABLE 3. SUMMARY OF ANNUAL OSPREY PLATFORM MONITORING RESULTS.

Site	Location	2008	2009 [‡]	2010	2011
OP-1	Buckhorn Marsh - West	Osprey nested with possible egg; nest later abandoned with no fledglings produced	Osprey produced one fledgling	Osprey produced two fledglings	Osprey produced two fledglings
OP-2	Buckhorn Marsh - East [†]	No nesting observed	No nesting observed	No nesting observed	Osprey observed in area
OP-3	Buckhorn Marsh - Central [†]	No nesting observed	No nesting observed	No nesting observed	No nesting observed
OP-4	East River Marsh	--	Installed after nesting season; Osprey observed using perch	3 Osprey observed at platform	No nesting observed
OP-5	Tiff Nature Preserve	--	--	1 Osprey observed at platform	Osprey produced one fledgling
OP-6	Adams Slip	--	--	1 Osprey observed at platform	1 Osprey observed at platform
OP-7	Little Beaver Island	--	--	Installed after nesting season	3 Osprey observed at platform

[†] - Installed by NYSDEC and OPRHP prior to NYPA's HIP

[‡] - Formal monitoring began in May 2009

7.0 RECOMMENDATIONS

Monitoring data from 2009 through 2011 indicate that Osprey nesting activity in the Upper Niagara River region begins in April and continues until the Osprey young fledge in July. As such, the monitoring period was adjusted to start in early May and end in August. Based on the results of 2011 monitoring, we recommend that in 2012 monitoring be conducted from early May through August.

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8.0 REFERENCES

Kleinschmidt Associates. 2009. Osprey Nesting Platform Monitoring Plan. Niagara Power Project, FERC No. 2216. Prepared by Kleinschmidt Associates. Prepared for New York Power Authority, White Plains, NY. June.

Kleinschmidt Associates and Gomez and Sullivan Engineers. 2010. Osprey Nesting Platform Habitat Improvement Project: 2009 Monitoring Report. Niagara Power Project, FERC No. 2216. Prepared by Kleinschmidt Associates and Gomez and Sullivan Engineers. Prepared for New York Power Authority, White Plains, NY. June.

Kleinschmidt Associates and Gomez and Sullivan Engineers. 2011. Osprey Nesting Platform Habitat Improvement Project: 2010 Monitoring Report. Niagara Power Project, FERC No. 2216. Prepared by Kleinschmidt Associates and Gomez and Sullivan Engineers. Prepared for New York Power Authority, White Plains, NY. April.

Riveredge Associates. 2010. Osprey Nesting Platform Habitat Improvement Project. Results of 2009 Monitoring. St. Lawrence-FDR Power Project, FERC No. 2000. Prepared by Riveredge Associates, LLC. Prepared for New York Power Authority, White Plains, NY. May.

Kleinschmidt Associates and Riveredge Associates. 2005. Investigation of Habitat Improvement Projects for the Niagara Power Project, Niagara Power Project, FERC No. 2216 – Volume 1: Public. Prepared by Kleinschmidt Associates and Riveredge Associates. Prepared for New York Power Authority, White Plains, NY. August.

APPENDIX A – 2011 FIELD DATA AND PHOTOGRAPHS

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn West ←

Date: (MM/DD/YY)	<u>05/10/2011</u>	Time Started:	<u>12:35</u> <input type="checkbox"/> AM / <input checked="" type="checkbox"/> PM
Location /Site:	<input checked="" type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	<u>John Masiewicz</u>	Length of Observation:	<u>25</u> minutes
Observer's Organization:	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <u>Excellent</u>
Nest Present on Pole/Platform:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nest Occupied:	<input type="checkbox"/> No <input checked="" type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe)

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Observed 1 Osprey as I pulled into the site.
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	None observed but believed to be active per Parks staff (Eryn Costanzo)
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) <u>6985</u>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<u>Gulls, Terns, observed near site.</u>

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn
East

Date: (MM/DD/YY)	<u>05/10/2011</u>	Time Started:	<u>1:10</u> <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input checked="" type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	<u>John Masiewicz</u>	Length of Observation:	<u>17</u> minutes
Observer's Organization:	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <u>NA</u>
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) <u>NA</u>

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) <u>699d</u>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<u>No activity observed.</u>

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Backhorn
Central ←

Date: (MM/DD/YY)	05/10/2011	Time Started:	1:22 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input checked="" type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz	Length of Observation:	15 minutes
Observer's Organization:	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) NA
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) 6996
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance): No activity observed.
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Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

East River Marsh

Date: (MM/DD/YY)	05/10/2011	Time Started:	1:50 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input checked="" type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz	Length of Observation:	21 minutes
Observer's Organization:	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) 6999, 7004
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance): Terns, Gulls, Egrets observed near site.

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

TERRA
Nature
Preserve

Date: (MM/DD/YY)	05/09/2011	Time Started:	3:54 <input type="checkbox"/> AM/ <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input checked="" type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz	Length of Observation:	27 minutes
Observer's Organization:	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other:		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent
Nest Present on Pole/Platform:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nest Occupied:	<input type="checkbox"/> No <input checked="" type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species:
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe)

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adult Osprey on Nest	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adult Osprey Pair on Nest	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Tending	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Evidence of Incubation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Brooding/Shading	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___

Photograph File Number(s):	(list individually or the start & end of range) 6926, 6948
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
No activity ^{observed} that would negatively affect nesting.

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Adams
Slip ←

Date: (MM/DD/YY)	05/10/2011	Time Started:	12:01 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input checked="" type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz	Length of Observation:	20 minutes
Observer's Organization:	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) 6981, 6982
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance): No activity observed.
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Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Little Beaver Island

Date: (MM/DD/YY)	05/10/2011	Time Started:	10:25 <input checked="" type="checkbox"/> AM / <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input checked="" type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz	Length of Observation:	23 minutes
Observer's Organization:	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(eg., pole leaning, braces broken, etc.) Excellent
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) 6966, 6967
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance): Terns, Gulls, Swallows observed near platform.

May 2011

OP-1 (Buckhorn West)



May 2011

OP-2 (Buckhorn East)



May 2011

OP-3 (Buckhorn Central)



May 2011

OP-4 (East River Marsh)



May 2011

OP-5 (Tifft Nature Preserve)



May 2011

OP-6 (Adams Slip)



May 2011

OP-7 (Little Beaver Island)



Niagara Power Project: Osprey Habitat Improvement Project Post-construction Monitoring Form

Buckhorn
West →

Date: (MM/DD/YY)	<u>06/16/2011</u>	Time Started:	<u>2:00</u> <input type="checkbox"/> AM / <input checked="" type="checkbox"/> PM
Location /Site:	<input checked="" type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	<u>John Masiewicz</u>		
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____	Length of Observation:	<u>22</u> minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <u>Excellent</u>
Nest Present on Pole/Platform:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nest Occupied:	<input type="checkbox"/> No <input checked="" type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe)

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Number Observed: <u>2</u>
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: <u> </u>

Photograph File Number(s):	(list individually or the start & end of range) <u>8238 / 8240</u>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<u>Gulls observed near nest.</u>

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn
East →

Date: (MM/DD/YY)	<u>06/16/2011</u>	Time Started:	<u>1:50</u> <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input checked="" type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	<u>John Masiewicz</u>		
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____	Length of Observation:	<u>8</u> minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <u>NA</u>
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) <u>NA</u>

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) <u>8233</u>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<u>No activity observed.</u>

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn
Central →

Date: (MM/DD/YY)	06/16/2011	Time Started:	1:40 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input checked="" type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Mosiewicz		Length of Observation:
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		
			9 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) NA
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) 8230
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
No activity observed.

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

East River Marsh →

Date: (MM/DD/YY)	06/16/2011	Time Started:	2:37 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input checked="" type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Mastewicz		Length of Observation: 20 minutes
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) 8243
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
Gulls and Egrets near site.

Niagara Power Project: Osprey Habitat Improvement Project Post-construction Monitoring Form

Tiff
Nature
Preserve →

Date: (MM/DD/YY)	06/16/2011	Time Started:	3:37 <input type="checkbox"/> AM / <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input checked="" type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Windy <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz		Length of Observation:
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent
Nest Present on Pole/Platform:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nest Occupied:	<input type="checkbox"/> No <input checked="" type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe)

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1 on Perch / 1 on Perch above
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___ Likely but none observed.
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___

Photograph File Number(s):	(list individually or the start & end of range) 8263 / 8264
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
Gulls observed near nest

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Adams
Slip →

Date: (MM/DD/YY)	<u>06/16/2011</u>	Time Started:	<u>1:15</u> <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input checked="" type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	<u>John Masiewicz</u>		Length of Observation:
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		
			<u>16</u> minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <u>Excellent</u>
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) <u>NA</u>

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) <u>8217 / 8221</u>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<u>Gulls observed near platform.</u>

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Little
Beaver
Island →

Date: (MM/DD/YY)	<u>06/16/2011</u>	Time Started:	<u>3:00</u> <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input checked="" type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Rain <input checked="" type="checkbox"/> Windy <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	<u>John Masiewicz</u>	Length of Observation:	<u>18</u> minutes
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <u>Excellent</u>
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) <u>NA</u>

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) <u>8250</u>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<u>Gulls observed near site.</u>

June 2011

OP-1 (Buckhorn West)



June 2011

OP-2 (Buckhorn East)



June 2011

OP-3 (Buckhorn Central)



June 2011

OP-4 (East River Marsh)



June 2011

OP-5 (Tifft Nature Preserve)



June 2011

OP-6 (Adams Slip)



June 2011

OP-7 (Little Beaver Island)



Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn
west ←

Date: (MM/DD/YY)	<u>07/14/2011</u>	Time Started:	<u>8:50</u> <input checked="" type="checkbox"/> AM/ <input type="checkbox"/> PM
Location /Site:	<input checked="" type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	<u>John Masiewicz</u>		
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____	Length of Observation:	<u>10</u> minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <u>Excellent</u>
Nest Present on Pole/Platform:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nest Occupied:	<input type="checkbox"/> No <input checked="" type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe)

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>1 adult on perch</u>
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___
Fledglings	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Number Observed: <u>2</u>

Photograph File Number(s):	(list individually or the start & end of range) <u>8682 / 8687</u>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<u>No activity observed.</u>

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn
East →

Date: (MM/DD/YY)	6 / 14 / 20 1 1	Time Started:	9 : 1 0 <input checked="" type="checkbox"/> AM / <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input checked="" type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz		Length of Observation:
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		
			1 0 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) NA
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) 8695
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
Blue Heron on Platform.

Niagara Power Project: Osprey Habitat Improvement Project Post-construction Monitoring Form

Buckhorn
Central →

Date: (MM/DD/YY)	07/14/2011	Time Started:	9:10 <input checked="" type="checkbox"/> AM/ <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input checked="" type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz		Length of Observation:
Observer's Organization	<input type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		
			5 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) NA
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) 8690
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance): <div style="text-align: center; font-size: 1.2em;">Blue heron perched on platform.</div>
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Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

East River →
Marsh

Date: (MM/DD/YY)	07/14/2011	Time Started:	9:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input checked="" type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz		Length of Observation: 11 minutes
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) 8699
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance): Fisherman and a Blue Heron observed near platform.
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Niagara Power Project: Osprey Habitat Improvement Project Post-construction Monitoring Form

Tiff
Nature →
Presence

Date: (MM/DD/YY)	07/14/2011	Time Started:	11:50 <input checked="" type="checkbox"/> AM / <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input checked="" type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Mastewicz		Length of Observation: 15 minutes
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent
Nest Present on Pole/Platform:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nest Occupied:	<input type="checkbox"/> No <input checked="" type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe)

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Shading; exact # of chicks is uncertain
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Number Observed: 1 (possibly 2)
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: _____

Photograph File Number(s):	(list individually or the start & end of range) 0742 / 0741
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
No activity observed.

Niagara Power Project: Osprey Habitat Improvement Project Post-construction Monitoring Form

Adams
Slip →

Date: (MM/DD/YY)	07/14/2011	Time Started:	9:20 <input checked="" type="checkbox"/> AM / <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input checked="" type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz		Length of Observation:
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		
			17 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <i>Excellent</i>
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) <i>NA</i>

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) <i>8674/8673</i>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<i>No activity observed.</i>

Niagara Power Project: Osprey Habitat Improvement Project Post-construction Monitoring Form

Little
Beaver →
Island

Date: (MM/DD/YY)	<u>07/14/2011</u>	Time Started:	<u>10:35</u> <input checked="" type="checkbox"/> AM/ <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input checked="" type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	<u>John Maszewicz</u>		Length of Observation: <u>17</u> minutes
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <u>Excellent</u>
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) <u>NA</u>

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) <u>8714</u>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<u>No activity observed.</u>

July 2011

OP-1 (Buckhorn West)



July 2011

OP-2 (Buckhorn East)



July 2011

OP-3 (Buckhorn Central)



July 2011

OP-4 (East River Marsh)



July 2011

OP-5 (Tifft Nature Preserve)



July 2011

OP-6 (Adams Slip)



July 2011

OP-7 (Little Beaver Island)



Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn
west →

Date: (MM/DD/YY)	08/12/2011	Time Started:	1:05 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input checked="" type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Mospiewicz		
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____	Length of Observation:	17 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent Condition
Nest Present on Pole/Platform:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nest Occupied:	<input type="checkbox"/> No <input checked="" type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe)

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___
Fledglings	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Number Observed: 2

Photograph File Number(s):	(list individually or the start & end of range) 8936 / 8939
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<p style="font-size: 1.2em;">Juvenile Osprey observed at site, adults were not seen.</p>

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn
east →

Date: (MM/DD/YY)	08/12/2011	Time Started:	1:36 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input checked="" type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Maszewicz		
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____	Length of Observation:	07 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) NA
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) 8944
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
One (1) osprey observed in area of platform.

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Buckhorn
Contractor

Date: (MM/DD/YY)	0 2 / 1 2 / 20 1 1	Time Started:	_ 1 : 2 4 <input type="checkbox"/> AM / <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input checked="" type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz		Length of Observation:
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		
			0 6 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) NA
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ____

Photograph File Number(s):	(list individually or the start & end of range) 8941
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
No activity observed,

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

East River Marsh →

Date: (MM/DD/YY)	08/12/2011	Time Started:	11:45 <input checked="" type="checkbox"/> AM / <input type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input checked="" type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz		Length of Observation: 15 minutes
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent condition
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___

Photograph File Number(s):	(list individually or the start & end of range) 8907
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance): Blue heron and Terns observed.

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Tiff+
Nature
Preserve →

Date: (MM/DD/YY)	08/12/2011	Time Started:	3:13 <input type="checkbox"/> AM / <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input checked="" type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz	Length of Observation:	19 minutes
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent Condition
Nest Present on Pole/Platform:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nest Occupied:	<input type="checkbox"/> No <input checked="" type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input checked="" type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe)

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___
Fledglings	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Number Observed: 1

Photograph File Number(s):	(list individually or the start & end of range) 8950 / 8947
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance): Two (2) adults observed along w/ one (1) juvenile osprey.
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Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Adams
Site →

Date: (MM/DD/YY)	08/12/2011	Time Started:	12:41 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input checked="" type="checkbox"/> OP-6 <input type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Masiewicz		Length of Observation:
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		
			16 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) <i>Excellent condition</i>
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) <i>NA</i>

Activity/Observations	Check	Describe
Osprey in the Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___

Photograph File Number(s):	(list individually or the start & end of range) <i>8934 / 8935</i>
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<i>No activity observed</i>

Niagara Power Project: Osprey Habitat Improvement Project

Post-construction Monitoring Form

Beaver Island →

Date: (MM/DD/YY)	08/12/2011	Time Started:	12:05 <input type="checkbox"/> AM/ <input checked="" type="checkbox"/> PM
Location /Site:	<input type="checkbox"/> OP-1 <input type="checkbox"/> OP-2 <input type="checkbox"/> OP-3 <input type="checkbox"/> OP-4 <input type="checkbox"/> OP-5 <input type="checkbox"/> OP-6 <input checked="" type="checkbox"/> OP-7 <input type="checkbox"/> OP-8	Weather:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Rain <input type="checkbox"/> Windy <input type="checkbox"/> Cloudy <input type="checkbox"/> Snow
Observer(s):	John Mastewicz		Length of Observation:
Observer's Organization	<input checked="" type="checkbox"/> NYPA/NYPA Contractor <input type="checkbox"/> Other: _____		
			18 minutes

Pole/Platform Condition:	(e.g., pole leaning, braces broken, etc.) Excellent Condition
Nest Present on Pole/Platform:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Nest Occupied:	<input checked="" type="checkbox"/> No <input type="checkbox"/> by Osprey <input type="checkbox"/> by Other Species: _____
Nest Condition (Check one):	<input type="checkbox"/> Nest Secure <input type="checkbox"/> Nest Damaged or Destroyed (if so, describe) NA

Activity/Observations	Check	Describe
Osprey in the Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nest Building in Progress	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Adult Osprey Pair on Nest	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Nest Tending	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Evidence of Incubation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Brooding/Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Feeding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chicks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___
Fledglings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Number Observed: ___

Photograph File Number(s):	(list individually or the start & end of range) 8915 / 8917
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Activity Observed Near Nest Site (Include any activity that may cause nest disturbance):
<p>Three (3) osprey were observed flying around pole/marsh. One (1) osprey was perched on top of pole.</p>

August 2011

OP-1 (Buckhorn West)



August 2011

OP-2 (Buckhorn East)



August 2011

OP-3 (Buckhorn Central)



August 2011

OP-4 (East River Marsh)



August 2011

OP-5 (Tifft Nature Preserve)



August 2011

OP-6 (Adams Slip)



August 2011

OP-7 (Little Beaver Island)



APPENDIX B – INCIDENTAL OBSERVATION AT TIFFT NATURE PRESERVE



Osprey observed at OP-5 (Tifft Nature Preserve) on April 27, 2011.



Osprey observed at OP-5 (Tifft Nature Preserve) on April 27, 2011.