



## ENVIRONMENTAL COMPLIANCE MONITORING

### Wetland Mitigation Summary Report

Project: Verizon Wireless Ashford Relo CT Facility  
Address: 353 Pumpkin Hill Road, Ashford, Connecticut  
Date: April 27, 2016

APT Project #: CT1411581

Regulatory Compliance Permitting Agency & Permit ID:	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Petition No.1121, revision approved 09/10/15 for expanded work zone CTDEEP IWRD <input type="checkbox"/> : CTDEEP Nddb <input type="checkbox"/> :	
Resource Protection Program:	
Rare Species	<input type="checkbox"/> Species Name: N/A
Wetland	<input checked="" type="checkbox"/>
Vernal Pool	<input type="checkbox"/>
Dates of Inspection	
Report #	Date
7	7/23/15
8	10/14/15
9	11/2/16
Compliance Species Observed During Construction: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A	
# Species: N/A	
Condition of Species: N/A	
Date Reported to CTDEEP: N/A	
Non-Compliance Species Observed During Construction: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A	
# Species: N/A	
Condition of Species: N/A	

Inspection Report #	Type of Corrective Action	Date Corrective Action Implemented
7	None	N/A
8	None	N/A
9	None	N/A
<b>Comments:</b>		
<b>Work Completed:</b>		
<p>All upland and wetland restoration activities have been satisfactorily completed. Ballast fill material has been removed from both wetland/guy anchor locations exposing the native wetland topsoil. Topsoil depths within these restored wetlands were recorded ranging from 2 to 6 inches. As such, no additional topsoil was recommended to establish permanent vegetation. Evidence of surface hydrology was present after exposing the native wetland topsoil. New England Conservation/Wildlife seed mix has been evenly distributed throughout the upland restoration area. New England Wetland seed mix has been evenly distributed throughout both wetland restoration areas. Straw mulch has been placed over the upland and wetland restoration areas to a sufficient thickness. As such, all restoration areas are sufficiently stabilized and are anticipated to have successful vegetation established by the end of this growing season. At that time, silt fencing lining the project area will be removed.</p>		
<p>After the restoration of the wetland areas was completed, the remaining tasks of invasive plant treatment (completed on 10/14/16) and wetland planting installation (completed on 11/02/16) occurred. As per the Wetland Restoration Plan detailed in the Connecticut Siting Council approved Construction Drawings (Sheet C - 1.2 latest revision date 7/9/15) planting activities occurred approximately two weeks after invasive treatment of the common reed was completed.</p>		
<p>The following task items have been completed:</p> <ol style="list-style-type: none"> <li>1. Cut all common reed mid-summer (June – July) and allow to regrow effectively stunting regeneration – report #7 completed on 7/23/16.</li> <li>2. In late summer (August – September) when the common reed has reached 2 to 3 ft. tall, apply glyphosate via foliar application – report #8 completed on 10/14/16.</li> <li>3. Allow 2 to 3 weeks for herbicide to translocate into the root systems and kill off common reed. At that point wetland plantings shall occur – report #9 completed on 11/2/16.</li> </ol>		
<p>All Wetland Mitigation areas are complete and site is stabilized.</p>		

Enclosure: Daily Wetland Mitigation Reports



**ENVIRONMENTAL MONITORING**  
**DAILY SITE OBSERVATION FORM**

**Report No. 7**

Project: Verizon Wireless Ashford Relo CT Facility  
Address: 353 Pumpkin Hill Road, Ashford, Connecticut

APT Project #: CT1411581

Date of Inspection: 7/23/2016	Weather: sunny, mid, 80's
Time of Inspection: 1:30 PM	Latest Precipitation Event > ¼" (NOAA): 0.50" on 7/19/2016
Compliance Monitor:	Matthew Gustafson, Wetland Scientist

Regulatory Compliance Permitting Agency & Permit ID:	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Petition No.1121, revision approved 09/10/15 for expanded work zone CTDEEP IWRD <input type="checkbox"/> : CTDEEP NDDB <input type="checkbox"/> :	
Resource Protection Program:	
Rare Species	<input type="checkbox"/> Species Name: N/A
Wetland	<input checked="" type="checkbox"/>
Vernal Pool	<input type="checkbox"/>
Workers Environmental Awareness Program Training Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Date of Training: 9/21/2015 Signage Installed Date: N/A	
Compliance Species Observed During Inspection: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A	
Progress of Construction:	
Pre-Construction	<input type="checkbox"/>
Initial Exclusion Fencing Inspection	<input type="checkbox"/>
Clearing & Grubbing	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>
Wetland Mitigation Treatment	<input checked="" type="checkbox"/>

DESCRIPTION OF OBSERVED ACTIVITY	
Compliance Level:	
Communication	<input type="checkbox"/>
Acceptable	<input checked="" type="checkbox"/>
Problem Area	<input type="checkbox"/>
<input type="checkbox"/> Minor Exclusion Fencing Repair <input type="checkbox"/> Additional Exclusion Fencing Required <input type="checkbox"/> Sediment release into upland habitat without risk of resource impact	
Non-Compliance	<input type="checkbox"/>
<input type="checkbox"/> Sediment release into upland habitat with risk of resource impact <input type="checkbox"/> Sediment release into wetland habitat <input type="checkbox"/> Sediment release into watercourse	
Issues Requiring Corrective Action	Corrective Action Implemented
None	N/A
Project Modification Requested:	
Extra Work Space Requested	<input checked="" type="checkbox"/>
Change to Work Area	<input type="checkbox"/>
<b>Description of Modification:</b> Minor modification approved 9/17/15 to the limit of work along the west side of the existing fenced compound to provide a larger temporary construction staging/laydown area for improved construction vehicle access and staging.	
Notes:	
Work Completed:  On this date, Common Reed ( <i>Phragmites australis</i> ) was cut from the wetland mitigation areas by Matthew Gustafson, Wetland Scientist to aid in eradication of the species.	

Enclosure: Photo Documentation



Photo 1: View of wetland restoration area looking west.



Photo 2: View of wetland restoration area looking east.



Photo 3: View of wetland restoration area looking northeast at start of Common Reed treatment.



Photo 4: View of wetland restoration area looking northwest showing progression of cutting.



Photo 5: View of eastern guy anchor restoration area looking north.



Photo 6: View of western guy anchor restoration area looking north.



Photo 7: View of wetland restoration area post treatment looking northeast.



Photo 8: View of wetland restoration area post treatment looking northeast.



**ENVIRONMENTAL MONITORING**  
**DAILY SITE OBSERVATION FORM**

**Report No. 8**

Project: Verizon Wireless Ashford Relo CT Facility  
Address: 353 Pumpkin Hill Road, Ashford, Connecticut

APT Project #: CT1411581

Date of Inspection: 10/14/2016	Weather: sunny, high, 50's
Time of Inspection: 7:30 AM	Latest Precipitation Event > 1/4" (NOAA): 0.78" on 10/10/2016
Compliance Monitor:	Matthew Gustafson, Wetland Scientist

Regulatory Compliance Permitting Agency & Permit ID:	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Petition No.1121, revision approved 09/10/15 for expanded work zone CTDEEP IWRD <input type="checkbox"/> : CTDEEP NDDB <input type="checkbox"/> :	
Resource Protection Program:	
Rare Species	<input type="checkbox"/> Species Name: N/A
Wetland	<input checked="" type="checkbox"/>
Vernal Pool	<input type="checkbox"/>
Workers Environmental Awareness Program Training Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Date of Training: 9/21/2015 Signage Installed Date: N/A	
Compliance Species Observed During Inspection: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A	
Progress of Construction:	
Pre-Construction	<input type="checkbox"/>
Initial Exclusion Fencing Inspection	<input type="checkbox"/>
Clearing & Grubbing	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>
Wetland Mitigation Treatment	<input checked="" type="checkbox"/>

DESCRIPTION OF OBSERVED ACTIVITY	
Compliance Level:	
Communication	<input type="checkbox"/>
Acceptable	<input checked="" type="checkbox"/>
Problem Area	<input type="checkbox"/>
<input type="checkbox"/> Minor Exclusion Fencing Repair <input type="checkbox"/> Additional Exclusion Fencing Required <input type="checkbox"/> Sediment release into upland habitat without risk of resource impact	
Non-Compliance	<input type="checkbox"/>
<input type="checkbox"/> Sediment release into upland habitat with risk of resource impact <input type="checkbox"/> Sediment release into wetland habitat <input type="checkbox"/> Sediment release into watercourse	
Issues Requiring Corrective Action	Corrective Action Implemented
None	N/A
Project Modification Requested:	
Extra Work Space Requested	<input checked="" type="checkbox"/>
Change to Work Area	<input type="checkbox"/>
<b>Description of Modification:</b> Minor modification approved 9/17/15 to the limit of work along the west side of the existing fenced compound to provide a larger temporary construction staging/laydown area for improved construction vehicle access and staging.	
Notes:	
Work Completed:  7/23/16 - Common Reed ( <i>Phragmites australis</i> ) was cut from the wetland mitigation areas by Matthew Gustafson, Wetland Scientist to aid in eradication of the species. 10/14/16 – All Common Reed ( <i>Phragmites australis</i> ) was sprayed with approved herbicide. Edge multiflora rose was stump cut and treated with herbicide. All herbicide treatment completed.	

Enclosure: Photo Documentation



Photo 1: View of applied herbicide.



Photo 2: View of active invasive plant treatment.



Photo 3: View of stump cut and herbicide treated multiflora rose .



Photo 4: View of stump cut and treated multiflora rose.



Photo 5: View of treated common reed looking west.



Photo 6: Close-up view of treated common reed.



**ENVIRONMENTAL MONITORING**  
**DAILY SITE OBSERVATION FORM**

**Report No. 9**

Project: Verizon Wireless Ashford Relo CT Facility  
Address: 353 Pumpkin Hill Road, Ashford, Connecticut

APT Project #: CT1411581

Date of Inspection: 11/2/2016	Weather: sunny, high, 50's
Time of Inspection: 8:00 AM	Latest Precipitation Event > 1/4" (NOAA): 0.28" on 10/31/2016
Compliance Monitor:	Matthew Gustafson, Wetland Scientist

Regulatory Compliance Permitting Agency & Permit ID:	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Petition No.1121, revision approved 09/10/15 for expanded work zone CTDEEP IWRD <input type="checkbox"/> : CTDEEP NDDB <input type="checkbox"/> :	
Resource Protection Program:	
Rare Species	<input type="checkbox"/> Species Name: N/A
Wetland	<input checked="" type="checkbox"/>
Vernal Pool	<input type="checkbox"/>
Workers Environmental Awareness Program Training Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Date of Training: 9/21/2015 Signage Installed Date: N/A	
Compliance Species Observed During Inspection: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A	
Progress of Construction:	
Pre-Construction	<input type="checkbox"/>
Initial Exclusion Fencing Inspection	<input type="checkbox"/>
Clearing & Grubbing	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>
Wetland Mitigation Treatment	<input checked="" type="checkbox"/>

DESCRIPTION OF OBSERVED ACTIVITY	
Compliance Level:	
Communication	<input type="checkbox"/>
Acceptable	<input checked="" type="checkbox"/>
Problem Area	<input type="checkbox"/>
<input type="checkbox"/> Minor Exclusion Fencing Repair <input type="checkbox"/> Additional Exclusion Fencing Required <input type="checkbox"/> Sediment release into upland habitat without risk of resource impact	
Non-Compliance	<input type="checkbox"/>
<input type="checkbox"/> Sediment release into upland habitat with risk of resource impact <input type="checkbox"/> Sediment release into wetland habitat <input type="checkbox"/> Sediment release into watercourse	
Issues Requiring Corrective Action	Corrective Action Implemented
None	N/A
Project Modification Requested:	
Extra Work Space Requested	<input checked="" type="checkbox"/>
Change to Work Area	<input type="checkbox"/>
<b>Description of Modification:</b> Minor modification approved 9/17/15 to the limit of work along the west side of the existing fenced compound to provide a larger temporary construction staging/laydown area for improved construction vehicle access and staging.	
Notes:	
Work Completed:  7/23/16 - Common Reed ( <i>Phragmites australis</i> ) was cut from the wetland mitigation areas by Matthew Gustafson, Wetland Scientist to aid in eradication of the species. 10/14/16 – All Common Reed ( <i>Phragmites australis</i> ) was sprayed with approved herbicide. Edge multiflora stump cut and treated. All herbicide treatment completed. 11/2/16 – All mitigation areas were successfully planted with the proper quantities, species, and sizes. All planting stock used was in good health and was properly installed. All mitigation related activities have been completed.	

Enclosure: Photo Documentation



Photo 1: View of wetland planting stock marked with blue flagging.



Photo 2: View of vegetation clearing to prepare planting areas looking northwest.



Photo 3: View of planting activities.



Photo 4: View of planting scheme looking northwest.



Photo 5: View of wetland mitigation area post planting looking west.



Photo 6: View of wetland mitigation area post planting looking north.