

# Scarborough DPW

**File No.:** 199501776

**City and State:** Scarborough, ME

**General Impacts:**

0.03 acre non-tidal emergent

0.58 acre non-tidal forested

**Functions and Values Lost:** (From Database)

Groundwater

Floodflow Alteration

Sediment/Toxicant Retention

Production Export

Shore Stabilization

Wildlife Habitat

**Year(s) Mitigation Constructed:** May 1995

**Size and Type of Mitigation as Proposed:** 0.75 acre tidal emergent

**Proposed Functions and Values of Mitigation:** (From Wetland Compensation Plan)

Floodflow Alteration

Sediment Stabilization

Sediment/Toxicant Retention

Nutrient Removal

Production Export

Wildlife Habitat (diversity)

**Mitigation Special Condition(s):**

1. The permittee shall implement a mitigation plan to compensate for the project's impact to 0.61 acre of wetland. The details of this plan are described in the document entitled "Wetland Compensation Plan" revised "February 13, 1996". This plan, targeting lost floodflow alteration, sediment stabilization, water quality maintenance, function, production export, and wildlife diversity functions, involves the restoration of approximately 0.75 acre of coastal wetland from previously disturbed wetlands at a site off Black Point Road adjacent to the existing Public Works Garage at Scarborough, Maine.

2. The mitigation site shall be protected in perpetuity from future development following construction. Remediation and monitoring efforts by the permittee shall be authorized; however, no other filling, clearing, or other disturbance is authorized. To assure this the mitigation area shall be protected by conservation easement or deed restriction. The permittee shall provide documentary evidence sufficient to verify granting of the

conservation easement or deed restriction. This evidence shall be provided in draft to the Corps for Corps written approval within ninety (90) days of the permit issuance.

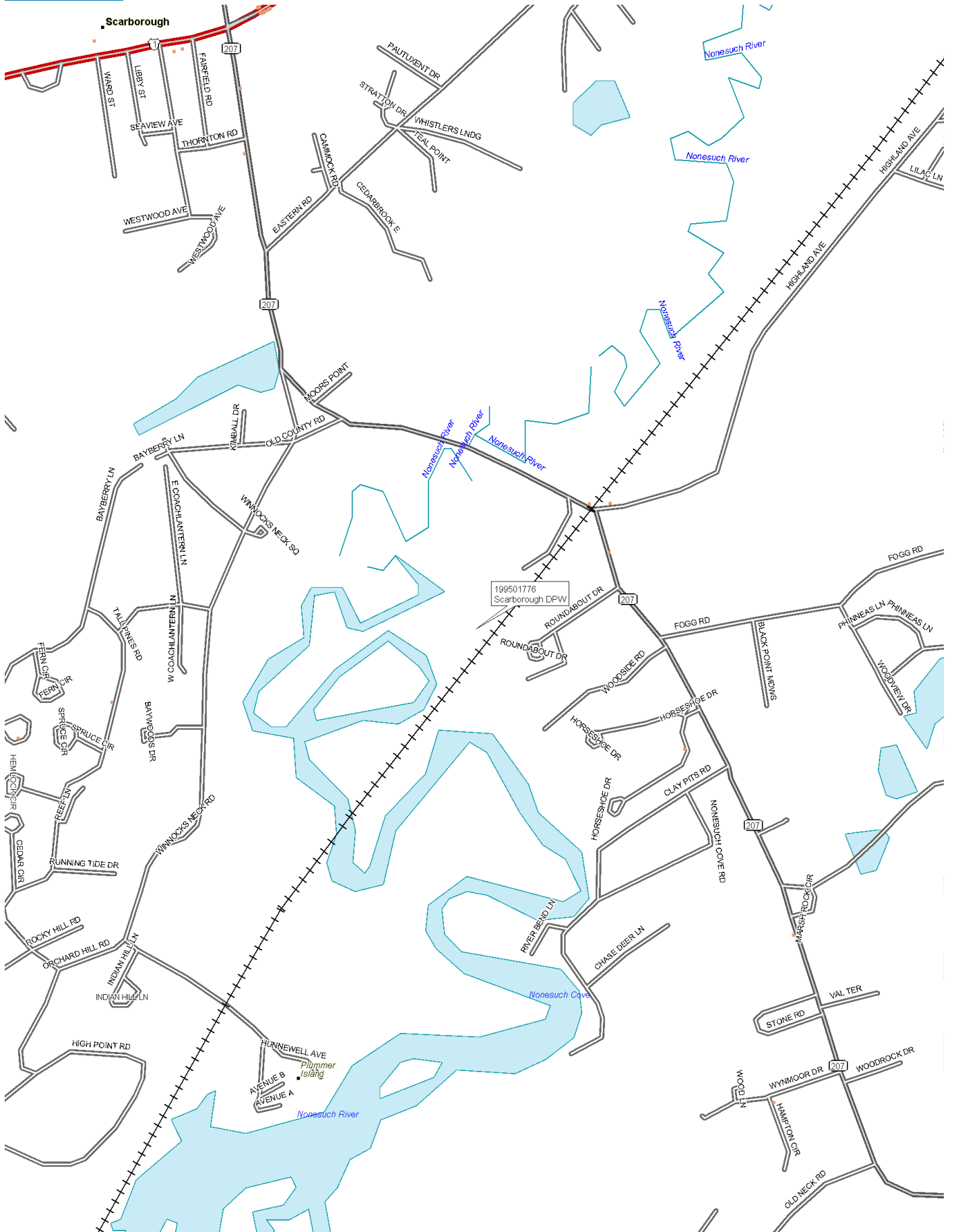
3. In accordance with the schedule in the mitigation plan, plantings which have died or appear to be in poor health shall be replaced according to the remediation plan or any recommendations that have been approved in writing by the Corps of Engineers. Other remedial actions – coordinated with the Corps – shall occur at the first environmentally appropriate time. If any specimens of *Phragmites* sp. or Purple Loosestrife (*Lythrum salicaria*) appear in the area during the monitoring period, the permittee shall inform the Corps of Engineers. In coordination with the Corps, the permittee shall endeavor to eradicate those species from the affected areas.

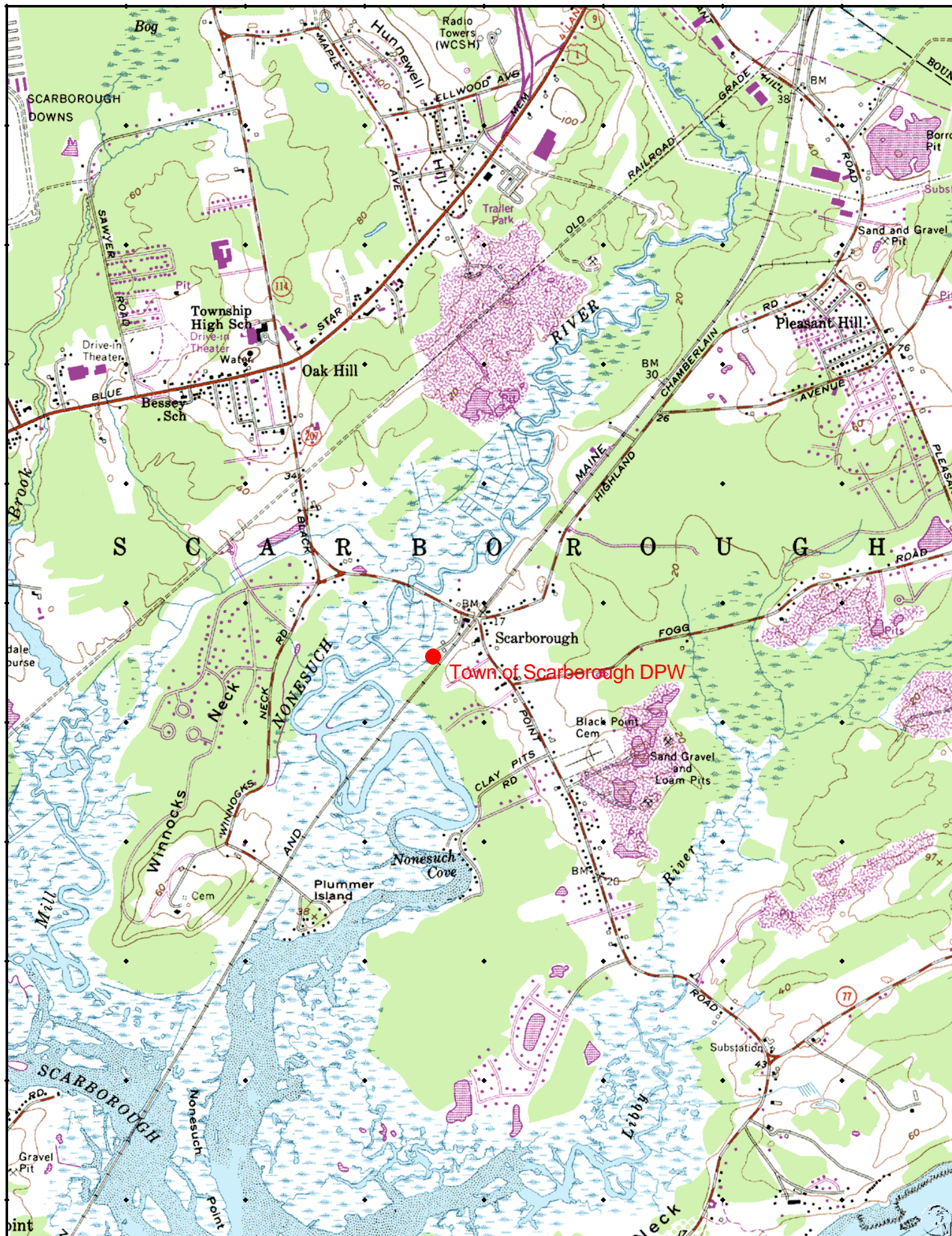
**Remarks:**

None

**Directions:**

Take 128/95 north. When it splits, bear right staying on I-95 north. It also turns into the Maine Turnpike. Take exit 6. After the tollbooth, make a left onto Payne Road. Travel approximately ½ mile north to the intersection with state Route 114 (Gorham Road). Take a right, and travel approximately 1 mile until it intersects with Route 1. Continue straight through the intersection. Here the road becomes the Black Point Road. From this Route 1 intersection, travel for approximately ½ mile and cross over a bridge, which crosses the Nonesuch River. Immediately after the bridge, the road rises as another bridge crosses some railroad tracks. On the road rise is a gated paved access road on the right. This access road drops down to marsh level. The site is the elongated coastal marsh bordering the west of the railroad tracks.





## MITIGATION SITE FIELD DATA FORM

Site Name: Scarborough DPW File No. 199501776

City/Town: Scarborough State: ME Waterbody: tidal

Monitor(s): Jay Clement, Paul Minkin, Keith Wright, Peter Tischbein Date: 7-31-02

Was site constructed? yes

Is site wetland? yes

Size of proposed wetland: 0.75 acre

Actual size of wetland: TBD

Landscape position: tidal marsh

Lat/Long Points: 43.6066N 70.29295W

Saved GPS Waypoint name: SCADPW

GPS Tracking Log Name: N/A

Perimeter: TBD

Surrounding land use:

Railroad, upland, tidal ditches, tidal emergent

Is wetland function compromised by  
surrounding land use?

No

Plant health:

Good

Invasive species:

Phragmites australis

Wildlife use:

Osprey, marsh wren.

### Plants:

*Atriplex* sp.

*Distichlis spicata*

*Juncus gerardii*

*Phragmites australis*

*Polygonum fowleri*

*Salicornia* sp.

*Scirpus* sp.

*Solidago sempervirens*

*Spartina alterniflora*

*Spartina patens*

*Triglochin* sp.

**Soils Data:**

Soils are saturated and inundated with hydrology resulting from a freshwater seep. The soil had a two-inch fibric organic layer, and eight-inch A horizon (10Y3/1) and a black mucky B horizon.

**Sketch approximate mitigation site, noting areas and types of wetlands, waters, other features, landscape position, landmarks, etc., and data and photo point(s)**

See file.

**Overall Description of site:**

The site consists of 0.75 acre of tidal marsh.

**Comments, problems, recommendations:**

None.



Location and direction  
of photo

**Timson & Peters, Inc.** ENVIRONMENTAL SERVICES  
Environmental Permitting  
Geologic Consulting • Wetland Analyses

**Figure 5-2: Scarborough Public Works Facility Restoration Plan**

# Wetland Function-Value Evaluation Form

Scarborough DPW  
199501776

Total area of wetland 0.75 ac Human made restored Is wetland part of a wildlife corridor? no or a "habitat island"? no

Adjacent land use marsh, upland, railroad track Distance to nearest roadway or other development 25 feet

Dominant wetland systems present tidal marsh Contiguous undeveloped buffer zone present yes, 1 side slope w/crown vetch

Is the wetland a separate hydraulic system? no If not, where does the wetland lie in the drainage basin? tidal

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. 199501776













Latitude N43.6066 Longitude W70.29295

Prepared by: KM KW PM Date 7/31/02

Wetland Impact:  
Type \_\_\_\_\_ Area \_\_\_\_\_

Evaluation based on:  
Office \_\_\_\_\_ Field X

Corps manual wetland delineation  
completed? Y \_\_\_\_\_ N X

Function/Value	Suitability Y N		Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
 Groundwater Recharge/Discharge		X			tidal system
 Floodflow Alteration	X				
 Fish and Shellfish Habitat		X			not inundated with tides
 Sediment/Toxicant Retention	X				dense, herbaceous vegetation
 Nutrient Removal		X			
 Production Export	X			X	
 Sediment/Shoreline Stabilization	X			X	
 Wildlife Habitat	X				
 Recreation		X			
 Educational/Scientific Value		X			
 Uniqueness/Heritage		X			open marsh vista
 Visual Quality/Aesthetics	X				
<b>ES</b> Endangered Species Habitat		X			
Other					

Notes:

\* Refer to backup list of numbered considerations.



199501776  
Scarborough Department of Public Works  
Scarborough, ME  
7/31/02



Site on the other side of tracks, at bottom of hill.



Looking south and southwest at site from railroad berm





Facing southwest to show middle of site.



Facing westerly from the middle of the site.



USGS 2 km W of Scarborough, Maine, United States 29 Apr 1998



0 100M

0 100yd

Image courtesy of the U.S. Geological Survey  
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