

Portland Welding Supply

File No.: 199902381

City and State: Westbrook, ME

General Impacts:

1 acre PFO

0.6 acre PSS and PEM

Functions and Values Lost: (From Mitigation Plan)

Groundwater Discharge

Floodflow Alteration

Sediment/Toxicant Retention

Nutrient Removal

Production Export

Wildlife Habitat

Year(s) Mitigation Constructed: July 2000

Size and Type of Mitigation as Proposed: 0.35 acre restoration of unauthorized fill

Proposed Functions and Values of Mitigation: (From Mitigation Plan)

Floodflow Alteration

Sediment/Toxicant Retention

Nutrient Removal

Wildlife Habitat

Mitigation Special Condition(s):

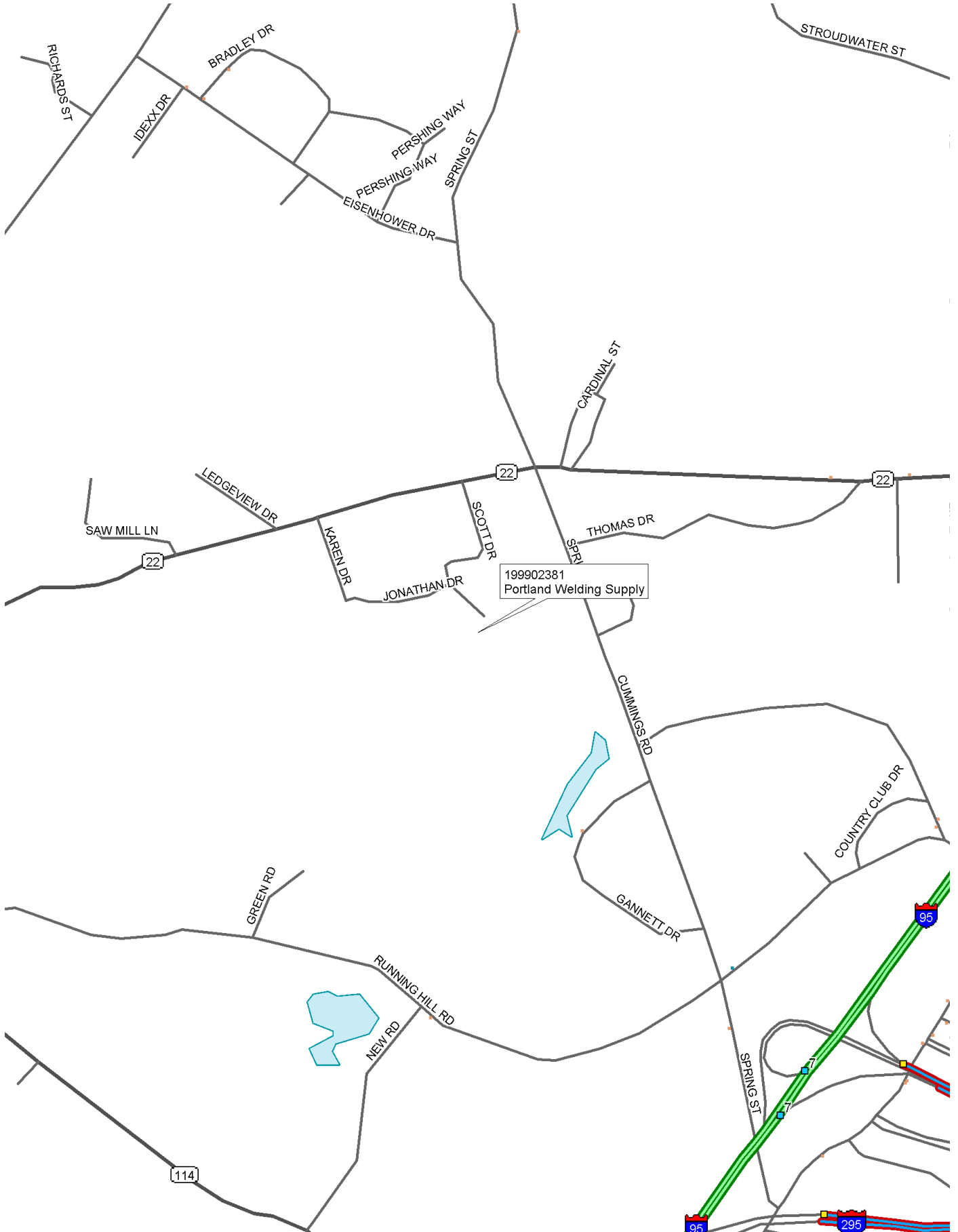
No special conditions in permit.

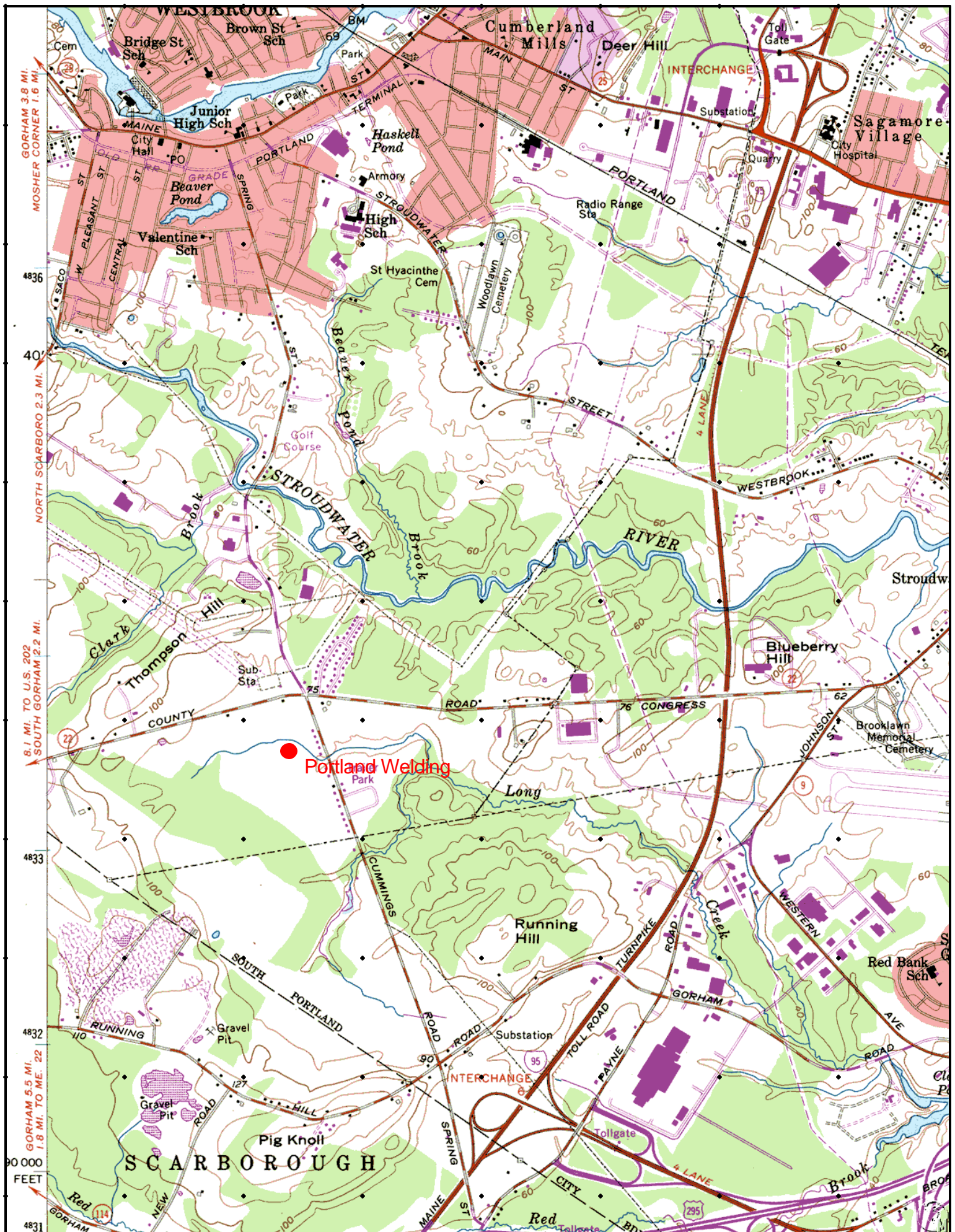
Remarks:

None

Directions:

Take Route 95/128 north. When it splits, bear right staying on I-95 north. Take the Jetport exit. Go west after tollbooth to traffic light at Congress Street. Take a left (becomes County Road) and follow to Scott Road. Left on Scott Road to #75.





MITIGATION SITE FIELD DATA FORM

Site Name: Portland Welding Supply File No. 199902381

City/Town: Westbrook State: ME Waterbody: Long Creek

Monitor(s): Keith Wright, Kathleen McKee, Peter Tischbein, Paul Minkin, Jay Clement Date: 7-30-02

Was site constructed? yes

Is site wetland? yes

Size of proposed wetland: 0.35 acre

Actual size of wetland: TBD

Landscape position: flat area near stream

Lat/Long Points:

Site 1: 46.64558N 70.36089W

Site 7: 41.14768N 73.43141W

Saved GPS Waypoint name: WEL

GPS Tracking Log Name: N/A

Perimeter: TBD

Surrounding land use:

Forest, natural gas tanks

Is wetland function compromised by surrounding land use?

No

Plant health:

Vigorous

Invasive species:

Phalaris arundinacea

Wildlife use:

None observed.

Plants:

Acer rubrum

Alisma sp.

Alnus glutinosa

Alnus rugosa

Alnus sp.

Carex lurida

Carex sp. (ovales)

Carex stipata

Carex stricta

Carex vulpinoidea

Eleocharis sp.

Euthamia graminifolia

Fraxinus pennsylvanica

Galium sp.

Glyceria sp.

Hypericum sp.

Ilex laevigata

Iris sp.

Juncus effusus

Juncus sp.

Onoclea sensibilis

Phalaris arundinacea

Polygonum sagittatum

Potentilla sp.

Rhamnus frangula

Rudbeckia hirta

Salix discolor

Scirpus atrovirens

Scirpus cyperinus

Solidago sp.

Spiraea latifolia

Spiraea tomentosa

Typha latifolia

Verbena hastata

Viburnum dentatum

Soils Data:

DEPTH	HORIZON	MATRIX	REDOX	COMMENTS
0 – 12"	A	10YR 4/2	gleyed depletions (N 4/) at 3"	fine sandy loam
12+	C	dark grey	50% bright orange concentrations	sandy silt loam, disturbed soil mix of clay, sand, pebbles

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

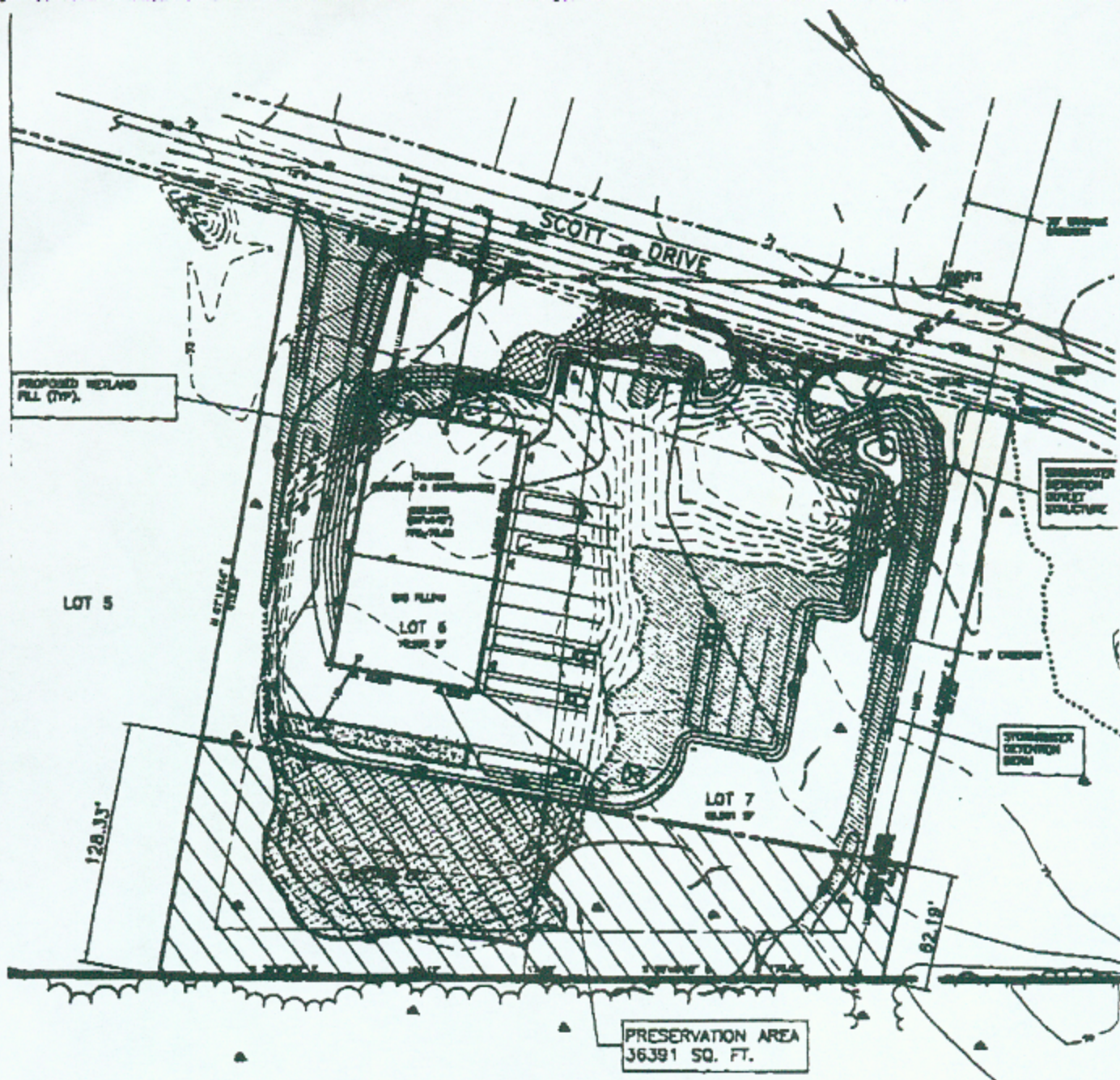
See file.

Overall Description of site:

The site is a flat behind some gas tanks that are behind the Portland Welding Supply building. The field is a sedge and rush marsh bordered on one side by a forest. Vegetation is dense and fairly diverse.

Comments, problems, recommendations:

Part of the mitigation was to include the removal of fill in the front of the building but this never occurred. The overall site was therefore smaller than it was supposed to be.



LAND USE CONSULTANTS, INC.

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PREPARED FOR:
PORTLAND WELDING SUPPLY
FILLING & STORAGE FACILITY
GLASSBORO INDUSTRIAL PARK
WESTBORO, MAINE

SCALE: 1"=80'

DATE: JANUARY 12, 2000

TITLE:

NRPA APPLICATION
PRESERVATION
EASEMENT













JOB #: 29211

EXHIBIT # A

Wetland Function-Value Evaluation Form

Total area of wetland 0.35 ac Human made? yes Is wetland part of a wildlife corridor? no or a "habitat island"? no
 Adjacent land use parking lot one side, rest forest Distance to nearest roadway or other development 5 feet
 Dominant wetland systems present PEM (wet meadow) Contiguous undeveloped buffer zone present no
 Is the wetland a separate hydraulic system? no If not, where does the wetland lie in the drainage basin? middle
 How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Portland Welding
 199902381
 Wetland I.D. _____
 Latitude N46.64558 Longitude W70.36089
 Prepared by: KM KW PM Date 7/30/02
 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			
 Floodflow Alteration	X		9,6,4,18		
 Fish and Shellfish Habitat		X			
 Sediment/Toxicant Retention	X		1,2,4,5	X	
 Nutrient Removal		X	3,7,8,9		low nutrient availability
 Production Export		X			deer, birds; but low
 Sediment/Shoreline Stabilization		X			
 Wildlife Habitat	X				
 Recreation		X			
 Educational/Scientific Value		X			
 Uniqueness/Heritage		X			
 Visual Quality/Aesthetics		X			
ES Endangered Species Habitat		X			
Other					

Notes:

* Refer to backup list of numbered considerations.

199902381
Portland Welding
Westbrook, ME
7/30/02



Looking across parking lot toward site which is the strip of herbaceous vegetation in front of the tree/shrub line



Closeup of a portion of the site. Note *Phalaris arundinacea* and *Euthamia graminifolia*.



Looking easterly from the west end of the site. Note shrub (alder) volunteers.

USGS 7 km W of Portland, Maine, United States 29 Apr 1998



0 200M

0 200yd

Image courtesy of the U.S. Geological Survey
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