

Tara Development

File No.: 198700130

City and State: Rochester, NH

General Impacts: 3.1 acres palustrine forested wetlands. Note that not all the impacts occurred and the permit has expired. The developer has no plans for further wetland impacts.

Functions and Values Lost:

- Wildlife Habitat
- Floodflow Alteration
- Sediment Retention

Year(s) Mitigation Constructed: May 1988

Size and Type of Mitigation as Proposed: 1 acre forested/scrub-shrub

Proposed Functions and Values of Mitigation: Unable to tell from file.

Mitigation Special Condition(s):

6. A 1 acre palustrine forested/scrub-shrub wetland shall be created in the area shown on sheet 18 of 33 according to the proposal set forth on pages 11-13 by B.H. Keith Associates February 1987 Wetland Mitigation Plan for Tara.

Remarks:

None

Directions:

Take I-95 north into New Hampshire. Take exit 4, US-4/Route 16. Stay straight to go onto NH-16 north after crossing bridge over Little Bay. Stay on route 16 to Rochester. Take exit for US-202 East. Cross route 125. Take right onto Salmon Falls Road. The entrance to Tara Development is on the left and well marked with a sign. Go to the office to check in. To get to the site, continue down Salmon Falls Road 0.8 mile. Turn left onto Bernard Road. Go 0.7 mile to fork; go left. Go 0.3 mile and turn left. Go about 0.1 mile to sharp right along stone wall. Site is on the left side about 50' in from the road. Note that this accesses the site from off the property.



MITIGATION SITE FIELD DATA FORM

Site Name: Tara Estates Adult Community File No. 198700130

City/Town: Rochester State: NH Waterbody: Salmon Falls River

Monitor(s): Kettenring, Sommers, Barbeau, Ladd Date: 9-30-02

Was site constructed? yes

Is site wetland? most is

Size of proposed wetland: 1 acre

Actual size of wetland: TBD

Landscape position: midslope above floodplain

Lat/Long Points: N 43.31448 W 070.92029

Saved GPS Waypoint name: TD

GPS Tracking Log Name: N/A

Perimeter: TBD

Surrounding land use:

Forest—some recently logged

Is wetland function compromised by
surrounding land use?

No

Plant health:

Healthy

Invasive species:

None

Wildlife use:

Deer trails

Plants:

Acer rubrum
Amphicarpa sp.
Aster lateriflorus
Betula populifolia
Comptonia peregrina
Cornus canadensis
Gaultheria procumbens
Hair Cap Moss
Juncus effusus
Juniperus sp.
Kalmia angustifolia
Lyonia ligustrina
Lysimachia terrestris
Myrica sp.
Onoclea sensibilis
Osmunda cinnamomea
Osmunda regalis
Panicum clandestinum
Phalaris arudinacea
Pinus strobus
Populus tremuloides
Pteridium aquilinum
Rubus sp.
Scirpus cyperinus
Solidago sp.
Sphagnum sp.
Spiraea latifolia
Spiraea tomentosa
Thelypteris palustris
Toxicodendron radicans
Tsuga canadensis
Vaccinium angustifolium
Vaccinium corymbosum

Soils data:

Pit located in the southeast portion of the site.

DEPTH	HORIZON	MATRIX	REDOX	COMMENTS
1 – 0"	O			
0 – 10"	mixed A/C	10YR2/2 10YR6/6	2-5% conc.	about 50/50 mix of A and C
10 – 16"	C	10YR6/6		some A mixed in
>16"	C	10YR6/6	7YR6/8 10%	water table not reached; no saturation

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:

Approaching a forest. Good mix of layers. *Acer rubrum* is dominant in the tree stratum. *Acer rubrum* and *Betula populifolia* are sapling dominants at the site.

Comments, problems, recommendations:

A monitoring well should be installed at the site and visited in the spring for several years.

The site has very nice microtopography, but lacks organics in the soil.

There is potential for adjacent development to the north and south.

There is an area just south of the soil pit which was intended to be wetland but which is upland; it is higher in elevation than the rest of the site and is dominated by *Pinus strobus*.

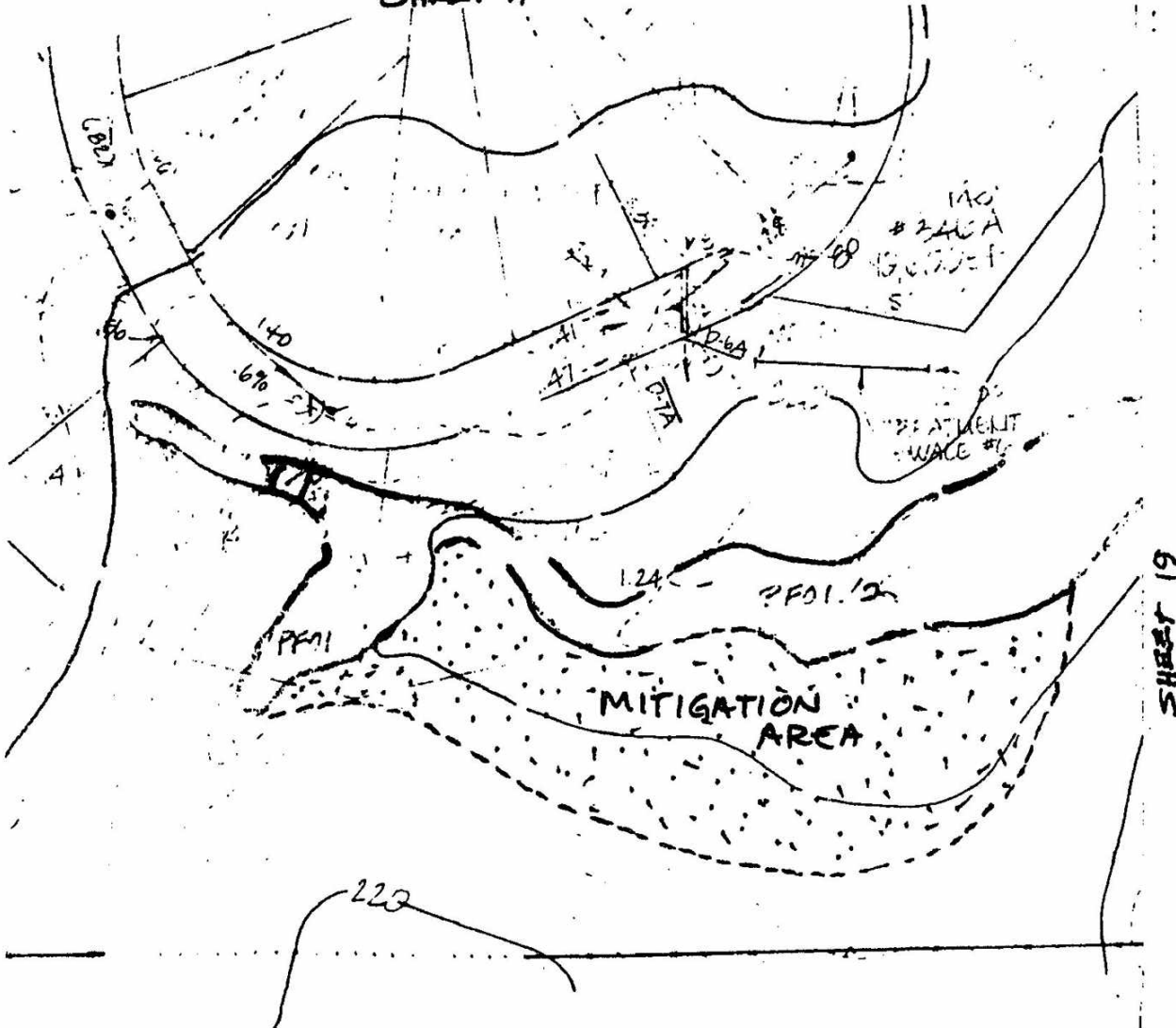
B.H. Keith Associates
Conway, N.H.

REVISIONS 7/14/87; 7/24/87 by ACOE

ZONE	REV.	DESCRIPTION	DATE	APPROVED
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Client: Tara Development Corp.
54 Basin Street
Concord, NH

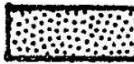
SHEET 17



LEGEND:



fill areas



mitigation areas

CONTRACT NO.
086-143-2

PROPOSED WETLAND ALTERATION

APPROVALS DATE

DRAWN

CHECKED *BAK* 7/10/87

Rev 7/14/87

TITLE
TARA ADULT COMMUNITY
Salmon Falls Road
Rochester, NH

SIZE FSCM NO.

A

DWG. NO.

086-143-2-1

REV.

SCALE 1"=100'

SHEET 18 of 33

Wetland Function-Value Evaluation Form

Total area of wetland 1 ac Human made? yes Is wetland part of a wildlife corridor? _____ or a "habitat island"? _____

Adjacent land use forest Distance to nearest roadway or other development >500 feet

Dominant wetland systems present PSS Contiguous undeveloped buffer zone present 100%

Is the wetland a separate hydraulic system? no If not, where does the wetland lie in the drainage basin? high (upper end)

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

Wetland I.D. Tara 198700130













Latitude N43.31448 Longitude W70.92029

Prepared by: Ladd Date 9/30/02

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			restricting layer
 Floodflow Alteration	X				depends on how much water flows down intermittent stream
 Fish and Shellfish Habitat		X			
 Sediment/Toxicant Retention	X				potential – not occurring now
 Nutrient Removal	X				potential – not occurring now
 Production Export	X				berries & seeds – minimal
 Sediment/Shoreline Stabilization		X			
 Wildlife Habitat	X			X	good structure, currently remote
 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.

198700130
Tara Development
Rochester, NH
9/30/02



Looking south from the north end of the site.



Looking north from middle of site.



Looking northeast from south end of site.



Looking northwest from southeast site at 1st waypoint along the boundary.

USGS 4 km E of Rochester, New Hampshire, United States 11 Apr 1998



0 ————— .5Km 0 ————— .25Mi

Image courtesy of the U.S. Geological Survey
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