

# Waste Management, Padelford Road

**File No.:** 199501181

**City and State:** Berkley, MA

**General Impacts:** 0.32 acre wetland, temporarily alter 0.39 acre wetland

**Functions and Values Lost:** Unable to tell from file or database.

**Year(s) Mitigation Constructed:** Unknown

**Size and Type of Mitigation as Proposed:** 0.34 acre wet meadow

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

**Mitigation Special Condition(s):**

1. No mitigation shall be done until plans and specifications for the mitigation area are submitted to and approved by the Corps of Engineers.

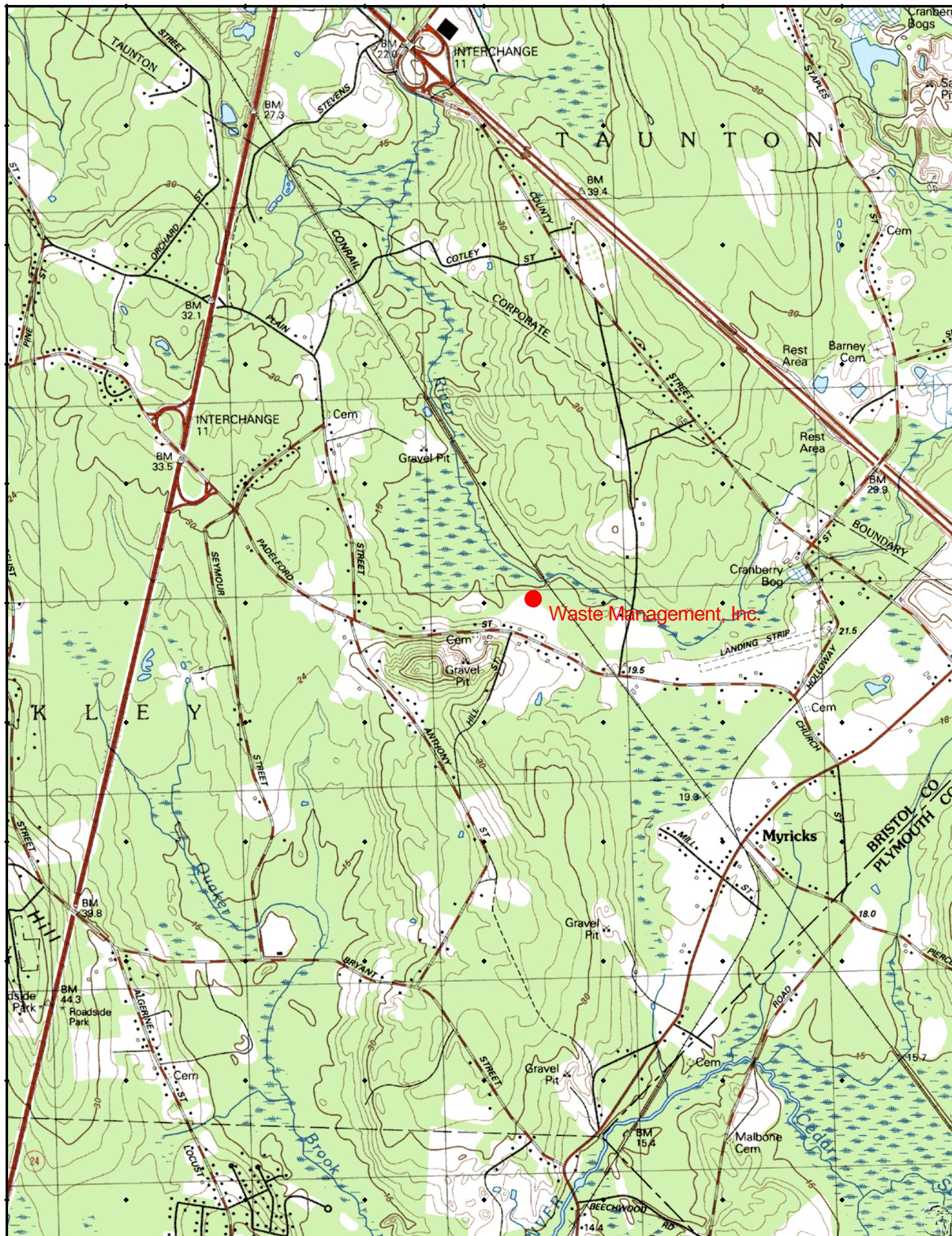
**Remarks:**

Also unable to find the necessary information on microfilm.

**Directions:**

Take Route 128 south to Route 24 south. Take the Padelford Road exit. Go east (left at end of ramp) for a couple of miles. The site is on the left at the back of the field behind a farmhouse. It is about 40 yards back between a hay field (right) and forest (left).





## MITIGATION SITE FIELD DATA FORM

Site Name: Waste Management Inc. File No. 199501181

City/Town: Berkley State: MA Waterbody: near Cotley River

Monitor(s): Kathleen McKee, Keith Wright, David Moreira, Waste Management Inc. Project Manager  
(603) 929-5446 Date: 7-22-02

Was site constructed? yes

Is site wetland? partially

Size of proposed wetland: 0.34 acre

Actual size of wetland: <0.34 acre

Landscape position: lowland adjacent to wetland

Lat/Long Points: 41.8403N 71.0480W

Saved GPS Waypoint name: none

GPS Tracking Log Name: N/A

Perimeter: TBD

Surrounding land use:

Hayfield, wetland, capped landfill

Is wetland function compromised by surrounding land use?

Yes—hay harvest extended into mitigation area. Between a third and half the area was mowed by a farmer resulting in no obvious wetland vegetation.

Plant health:

Vigorous in the unmowed section.

Invasive species:

Lythrum salicaria

Wildlife use:

None observed.

### Plants:

*Acer rubrum*  
*Asteraceae* sp.  
*Carex* sp.  
*Carex* sp. (ovales)  
*Comptonia peregrina*  
*Cornus amomum*  
*Daucus carota*  
*Eupatorium maculatum*  
*Euthamia graminifolia*  
*Hypericum* sp.  
*Impatiens capensis*  
*Juncus effusus*  
*Juncus* sp.  
*Lotus corniculatus*  
*Lysimachia terrestris*  
*Lythrum salicaria*  
*Onoclea sensibilis*  
*Panicum clandestinum*  
*Phleum pratense*  
*Polygonum arifolium*  
*Rosa multiflora*  
*Salix discolor*  
*Salix nigra*  
*Scirpus atrovirens*  
*Solidago rugosa*  
*Solidago* sp.  
*Spiraea latifolia*  
*Spiraea tomentosa*  
*Trifolium pratense*  
*Ulmus americana*  
*Viburnum dentatum*

**Soils Data:**

Soil data incomplete. Oxidized rhizospheres and redox features present between 4 and 17 inches.

**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 set back behind an abandoned farmhouse across a hay field. It is bordered by a stand of trees, a wetland forest, and by a hayfield. The site adjacent to the hayfield is noticeably lower in elevation and surrounded by a gently-sloped berm.

A well was placed on this site in the unmowed area. A 20-inch auger hole was dug. Slots on the well begin 5 inches below ground, and the well extends above the ground surface 11 inches.

**Comments, problems, recommendations:**

The mowing of the wetland should cease if plants are to reach maturity. More significantly, the mowed area should be graded to a lower elevation as this area does not currently contain hydric soil or indicators of wetland hydrology. Waste Management Inc. has retained Weston & Sampson (consultants) to spread seed mix sometime after October 15. A string of red maples that were supposed to be planted were not on site. A neighbor claimed that they were stolen in the dark of night. If future plantings cannot be protected there may need to be a different barrier in place to insure that future hay harvesting does not infringe on the wetland vegetation.

*Lythrum salicaria* is dominant in part of the adjacent natural wetland.

$\theta = 30^\circ$

Waste Management  
Berkley, MA  
per Est. Env. 9/28/11  
Letter to Env. 9/28/11  
to the west

ST-40

54  
55  
56

$$\frac{WF \#A18}{WF \#A19}$$

# Wetland Function-Value Evaluation Form

Total area of wetland \_\_\_\_\_ Human made? yes Is wetland part of a wildlife corridor? no or a "habitat island"? no

Adjacent land use \_\_\_\_\_ Distance to nearest roadway or other development 300 feet

Dominant wetland systems present wet meadow Contiguous undeveloped buffer zone present one side mowed, one side forest

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)

Waste Management  
Wetland I.D. 199501181













Latitude N41.8403 Longitude W71.0480

Prepared by: KM KW Date 7/25/02

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		4,5		recharge, sandy, lower in landscape, no inlet
 Floodflow Alteration	X		5,6		
 Fish and Shellfish Habitat		X			no standing water
 Sediment/Toxicant Retention	X		2,4,5,7	X	fields adjacent, fine sandy silt loam, long edge by fields
 Nutrient Removal		X	1,12		
 Production Export	X		12,7	X	bees, butterflies
 Sediment/Shoreline Stabilization		X			
 Wildlife Habitat		X			farmer mows, very small, low structure
 Recreation		X			
 Educational/Scientific Value		X			
 Uniqueness/Heritage		X			
 Visual Quality/Aesthetics		X			
<b>ES</b> Endangered Species Habitat		X			
Other					

Notes:

\* Refer to backup list of numbered considerations.



199501181  
Waste Management Disposal  
Berkley, MA  
7/22/02



Facing north, site is on the left and center.  
Eastern 50-60 feet of a curved out section of the site has been mowed.



On eastern edge, facing northwest.





In the middle of the site facing northwest.



0 200M

0 200yd

Image courtesy of the U.S. Geological Survey  
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