

# Camden and Rockland Water Company

**File No.:** 199201515

**City and State:** West Rockport, ME

**General Impacts:** 1.13 acres of an unspecified type

**Functions and Values Lost:** (From Compensation Plan)

- Groundwater Recharge/Discharge
- Floodflow Alteration
- Sediment/Toxicant Retention
- Sediment/Shoreline Stabilization
- Nutrient Removal

**Year(s) Mitigation Constructed:** September 1993

**Size and Type of Mitigation as Proposed:**

- 0.35 acre wetland restoration
- 0.51 acre wetland enhancement
- 0.2 acre upland enhancement

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

- Groundwater Recharge/Discharge
- Floodflow Alteration
- Sediment/Toxicant Retention
- Sediment/Shoreline Stabilization
- Nutrient Removal
- Wildlife Habitat

**Mitigation Special Condition(s):**

The work will be performed in accordance with the attached plans entitled "Camden & Rockland Water Company, Mirror lake Disinfection Facility" in 4 sheets dated "January 1993". The wetland restoration and other enhancement work will be performed in accordance with the attached document entitled "Wetland Compensation Plan, Narrative for Mirror lake Disinfection Facility, Rockport, Maine" dated "January 27, 1993".

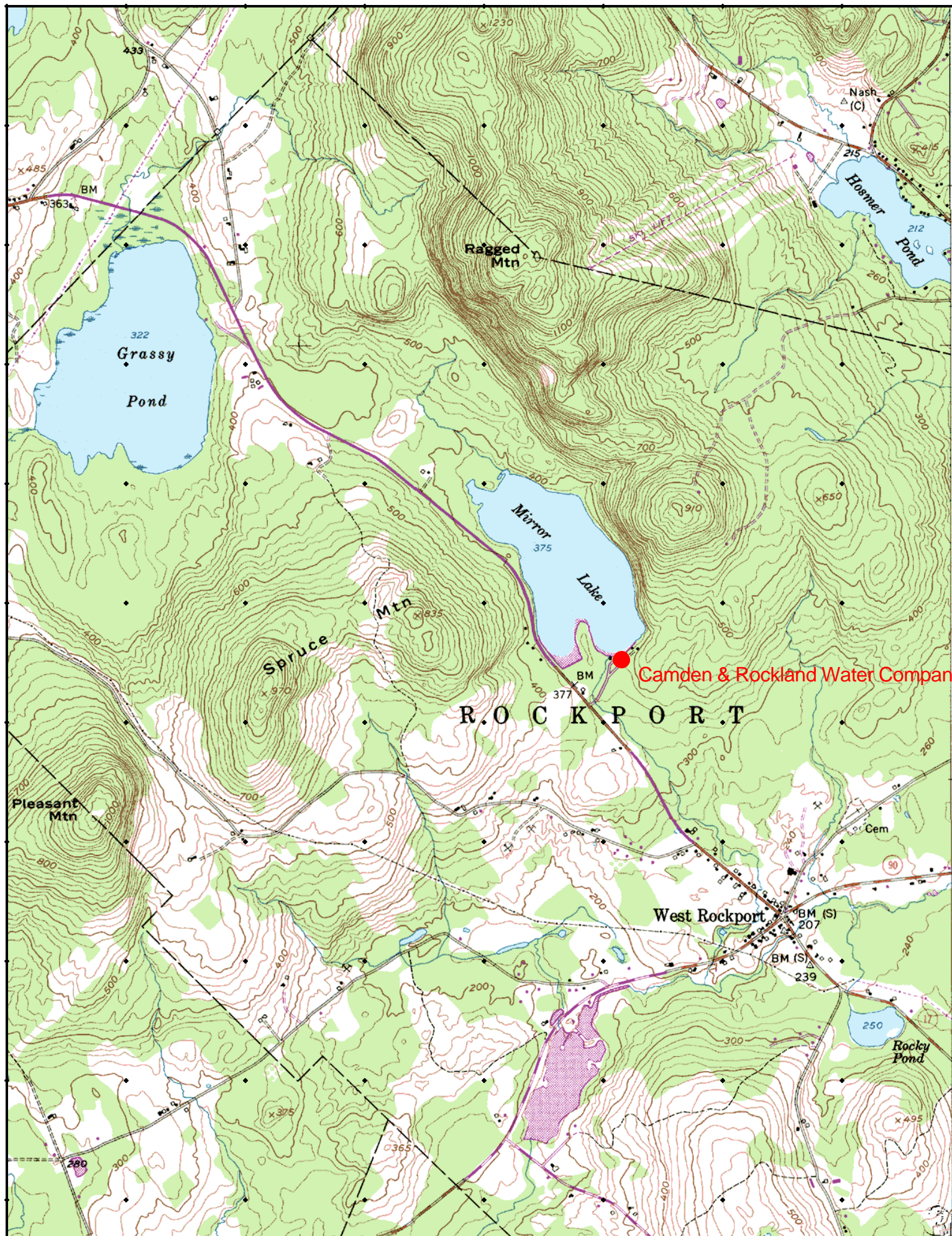
**Remarks:**

None

**Directions:**

Take 128/95 north. When it splits, bear right staying on Route 95 north. Take exit 6A, I-295 north towards South Portland/Portland Downtown. I-295 north becomes I-95 north. Take exit 30, US-202 east/ME-11 east/ME-17 east, ME 100 east towards ME-3/US-201/Augusta. Merge onto Western Avenue/US-202/ME-17. Stay on Route 17 going through Augusta. After passing Mirror Lake on the left, take the first driveway on the left into the water company property. The sites are all in that area.





## MITIGATION SITE FIELD DATA FORM

Site Name: Camden and Rockland Water Co. File No. 199201515

City/Town: West Rockport State: ME Waterbody: unsure

Monitor(s): Ruth Ladd, Keith Wright Date: 8-12-02

Was site constructed? yes

Is site wetland? no

Size of proposed wetland: 0.35 acre

Actual size of wetland: TBD

Landscape position: TBD

Lat/Long Points: 44.19296N 069.14656W

Saved GPS Waypoint name: CMW

GPS Tracking Log Name: N/A

Perimeter: TBD

Surrounding land use:

Forest, mowed grass

Is wetland function compromised by  
surrounding land use?

Some of the mitigation site is being mowed.

None of the site is suitable for habitat.

Plant health:

Good

Invasive species:

Lotus corniculatus, Lythrum salicaria, Phalaris  
arundinacea

Wildlife use:

None observed

### Plants:

#### Site R-4:

*Acer rubrum*  
*Betula populifolia*  
*Comptonia peregrina*  
*Daucus carota*  
*Fragaria* sp.  
*Hypericum* sp.  
*Juncus effusus*  
*Lysimachia terrestris*  
*Myrica gale*  
*Onoclea sensibilis*  
*Pinus strobus*  
*Quercus* sp.  
*Rubus hispidus*  
*Rubus idaeus*  
*Rubus occidentalis*  
*Rubus* sp.  
*Rudbeckia hirta*  
*Salix* sp.  
*Scirpus cyperinus*  
*Solidago rugosa*  
*Solidago* spp.  
*Spiraea latifolia*  
*Spiraea tomentosa*  
*Thelypteris noveboracensis*  
Thistle  
*Trifolium pratense*  
*Tsuga canadensis*  
*Typha* sp.

#### Site R-1:

*Acer rubrum*  
*Betula populifolia*  
*Lotus corniculatus*  
*Lythrum salicaria*

*Onoclea sensibilis*  
*Phalaris arundinacea*  
Poaceae spp.  
*Populus tremuloides*  
*Rubus idaeus*  
*Rubus* sp.

*Salix* sp.  
*Solidago* sp.  
*Spiraea tomentosa*  
Thistle  
*Verbascum* sp.

**Soils Data:**

Soils data not collected at this site.

**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:**

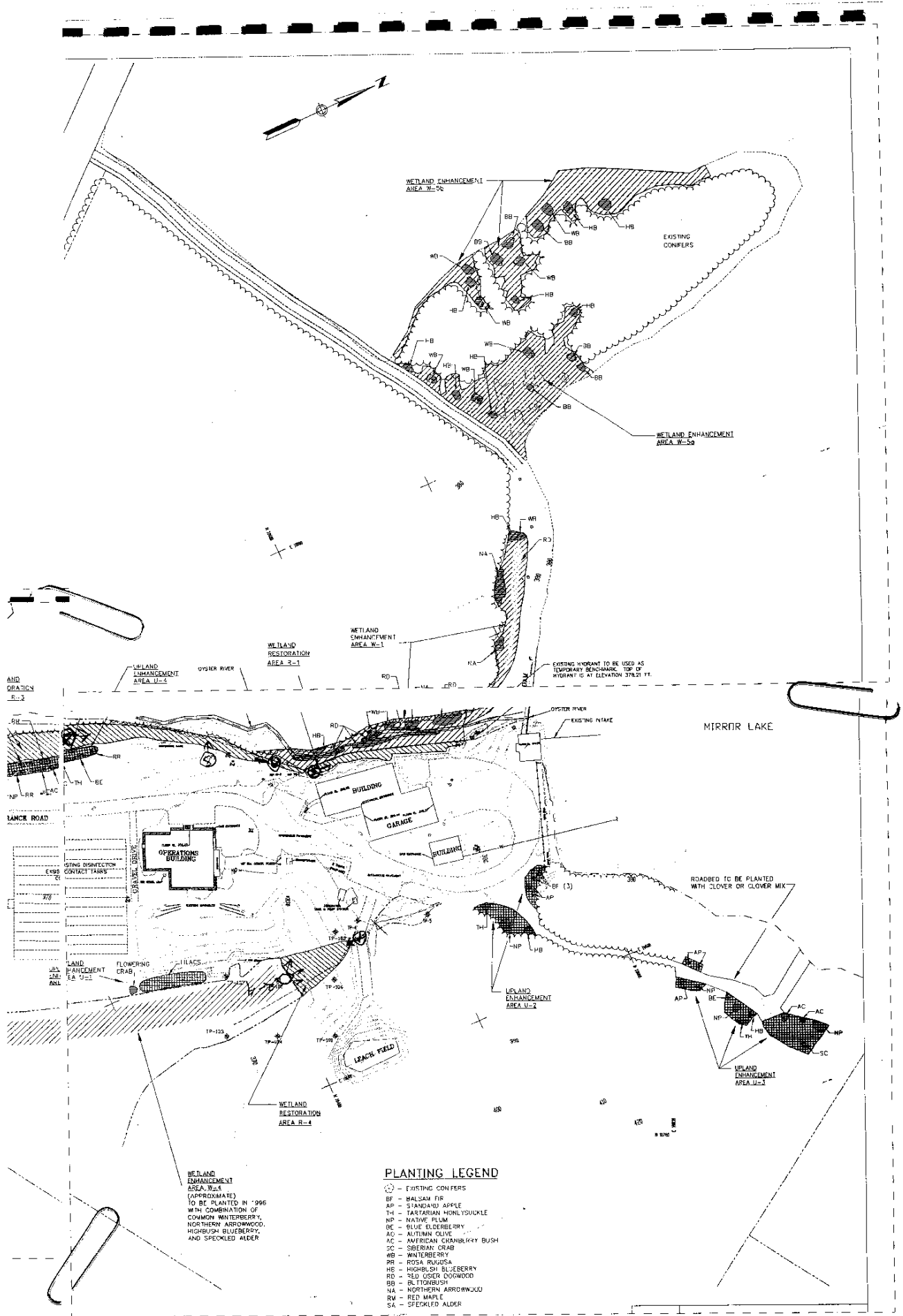
The restoration part of this mitigation site consists of two small parcels of land. The site to the west of the buildings is very dry and lacks wetland vegetation in much of the site. The soil is sandy and has high chroma. Erosion at the site has been stabilized. This parcel looks more like a watercourse than a wetland. Its primary function is sediment trapping. *Alnus rugosa* volunteers were growing up to ten feet high.

The site east of the buildings is a five-foot wide strip. It is wetter than the western part and contains a mix of wetland plants and grasses. The site is supposed to be continuous but is split into two parts as the result of mowing and what appears to be a bulldozed or plowed section that has left the ground bare.

**Comments, problems, recommendations:**

A silt fence should be removed from the eastern site. Nonnative plants should not have been planted for mitigation purposes. A springtime visit should be conducted to determine if these sites have wetland hydrology earlier in the growing season.





# Wetland Function-Value Evaluation Form

Camden and Rockland  
Water Company

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 forest/shrub and water treatment facility Distance to nearest roadway or other development 50 feet  
Dominant wetland systems present primarily non-wetland Contiguous undeveloped buffer zone present 50%  
Is the wetland a separate hydraulic system? not wetland If not, where does the wetland lie in the drainage basin? NA  
How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. 199201515

Latitude N44.19296 Longitude W69.14656

Prepared by: Ladd Date 8/12/02

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					
 Floodflow Alteration					
 Fish and Shellfish Habitat					
 Sediment/Toxicant Retention					
 Nutrient Removal					
 Production Export					
 Sediment/Shoreline Stabilization					
 Wildlife Habitat					
 Recreation					
 Educational/Scientific Value					
 Uniqueness/Heritage					
 Visual Quality/Aesthetics					
<b>ES</b> Endangered Species Habitat					
Other					

Notes: **Site is not a wetland, and therefore evaluation was not performed.**

\* Refer to backup list of numbered considerations.



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Rockport, ME  
8/12/02



Looking south from culvert outlet into wetland restoration area R-4, most of which is not wetland



Looking south at wetland restoration area R-1—the mowed area, which is not wet.



USGS 6 km W of Camden, Maine, United States 30 Apr 1998



0 200M

0 200yd

Image courtesy of the U.S. Geological Survey  
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