



WETLAND CLASSIFICATIONS:

1. RIVERINE-UPPER PERENNIAL-UNCONSOLIDATED SHORE-ROCK-INTERMITTENTLY EXPOSED-FRESH
2. RIVERINE-UPPER PERENNIAL-ROCK BOTTOM-ROCK-TEMPERATELY FLOODED-FRESH
3. RIVERINE-UPPER PERENNIAL-ROCK BOTTOM-ROCK-TEMPERATELY FLOODED-FRESH
4. RIVERINE-UPPER PERENNIAL-AQUATIC BED-ROOTED VASCULAR-PERMANENTLY FLOODED-FRESH
5. RIVERINE-UPPER PERENNIAL-UNCONSOLIDATED SHORE-VEGETATED-SEASONALLY FLOODED-FRESH
6. RIVERINE-UPPER PERENNIAL-ROCK BOTTOM-RUBBLE/BEDROCK-INTERMITTENTLY EXPOSED-FRESH
7. RIVERINE-UPPER PERENNIAL-ROCK BOTTOM-RUBBLE/BEDROCK-INTERMITTENTLY EXPOSED-FRESH
8. RIVERINE-UPPER PERENNIAL-UNCONSOLIDATED SHORE-VEGETATED-SEASONALLY FLOODED-FRESH
9. RIVERINE-UPPER PERENNIAL-UNCONSOLIDATED SHORE-VEGETATED-SEASONALLY FLOODED-FRESH
10. RIVERINE-LOWER PERENNIAL-AQUATIC BED-ROOTED VASCULAR-PERMANENTLY FLOODED-FRESH

LEGEND:

- TEMPORARY WETLAND IMPACT
 - PERMANENT WETLAND IMPACT, STRUCTURE
 - PERMANENT WETLAND IMPACT, DREDGE
 - TREELINE, SHORELAND NATURAL WOODLAND BUFFER
 - WETLANDS TOP OF BANK AND SHORELAND REFERENCE LINE
 - 100-YEAR FLOOD ELEVATION
- Photo location, number and direction

SUMMARY OF WETLAND IMPACTS/CONSTRUCTION ACTIVITIES

DESCRIPTION OF IMPACT/ACTIVITY	AREA OF IMPACT, FT ²	LENGTH OF IMPACT, FT.
PERMANENT WETLAND IMPACTS	TOTAL = 1,116	TOTAL = 194
1. ROCK EXCAVATION DENIL FISHWAY	943	66 (BANK) + 66 (RIVER)
2. CONSTRUCTION FOR DENIL FISHWAY FISH ENTRANCE	181	25
3. REMOVAL OF EXISTING DENIL FISHWAY	42	7
4. REMOVAL OF FISH AND GAME DEPARTMENT OF NEW HAMPSHIRE	30	30
TEMPORARY WETLAND IMPACTS	TOTAL = 13,908	
5. CONSTRUCT CONCRETE CONSTRUCTION EQUIPMENT ACCESS FOR DEMOLITION/CONSTRUCTION OF LEFT ABUTMENT	1,354	
6. ACCESS FOR CONSTRUCTION EQUIPMENT TO CONSTRUCT DENIL FISHWAY	5,329	
7. ACCESS FOR CONSTRUCTION EQUIPMENT TO INSTALL RIGHT ABUTMENT ON STEEL DOWNSTREAM FACE AND TO CONSTRUCT DENIL FISHWAY	7,966	
8. ACCESS FOR EQUIPMENT AND PERSONNEL TO CONSTRUCT CONCRETE FLUME POOL AND RECONSTRUCT STONE MASONRY WALL. POSSIBLE STOCKPILING OF STONE MASONRY WHILE DISMANTLING/RECONSTRUCTING STONE MASONRY WALL.	779	
9. MAINTENANCE/REPAIR OF RIGHT DOWNSTREAM STONE MASONRY WALL. ACCESS TO DAM UPSTREAM LIKELY BY BARGE/BOAT. POSSIBLE MIGRATION NOTCH.	135	
10. ACCESS TO DAM UPSTREAM LIKELY BY BARGE/BOAT. POSSIBLE MIGRATION NOTCH.	945	

FIGURE 2 - PHOTO LOCATION PLAN

CLIENT

TOWN OF DURHAM
Department of Public Works
100 Stone Quarry Drive
Durham, NH 03824

OWNER

TOWN OF DURHAM
15 Newmarket Road
Durham, NH 03824

Horizontal Datum:
NAD 1983

Vertical Datum:
NAVD 1988

Datum Shift:
NAD03 1929 datum
NAD 1983 = 0.73 ft

(See Sheet 5 - Existing Conditions)

Graphic Scale

0 15 30 ft.

Original Drawing Size = 22 x 34 in.

By: NAO Date: 1/22/2010

Checked By: JET Date: 1/22/2010

Checked By: RSS Date: 1/22/2010

Checked By: _____ Date: _____

Reviewers:

1. By: _____ Date: _____

2. By: _____ Date: _____

3. By: _____ Date: _____

Checked By: _____ Date: _____

FOR PERMIT APPLICATION ONLY

NOT FOR CONSTRUCTION

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Project: 075-05-001
Name: **Miswall Dam Upgrades and Repairs**
Durham, New Hampshire
Subject: **NHDES Wetland Impacts**

Sheet 1 of 1

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