### WOOD-PAWCATUCK WATERSHED ASSOCIATION



### Dam Removal Project Manager Training Permitting in Rhode Island



### WWW.WPWA.ORG

To Protect & Preserve the Lands and Waters of the Wood Pawcatuck Watershed

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# Rhode Island Dam Removal Permitting



First, A Few Things You Should Consider.....

New Process For Rhode Island

Time to Prepare, Submit, & Obtain Permit Approval Can Take Years

Each Site & Project Is Unique

Understand Your Role and Obligations

Representation By A Qualified Engineering Firm

Rely On Your Partners For Technical Support

Consult ALL Local Interests (Residents, Historic, Recreational, Business, Towns, etc)



Working WITH the Regulators, Not Against Them





# Rhode Island Dam Removal Permitting



One Step At A Time

Feasibility Study Identified Specific Challenges

Obtain Public Input Prior to Permitting

Qualified Engineer Representation

**Pre Application Meetings** 

Refine Investigations & Tailor Designs

**Prepare & Submit Application** 

Present Project to the Public

Respond To Comments

Secure ALL Permits

**Bid & Award Project** 

Value Engineer with Contractor

Discuss & Present Permit Modifications



Local town/city excavation permits from When conceptual drawings are Contact meeting with New England Branch of Army Corps of building/zoning prepared or alternatives are being Engineers (ACOE) to determine which permit is required. or planning department See Appendix A of Department of the Army Programmatic considered . . . General Permit State of Rhode Island. Contact RIDEM Office of Dam Safety. Currently there are no guidelines for dam removal in RI. Notify this office of current status of meetings with Individual Permit (A 30 day permitting agencies to allow this office to Coastal Jurisdiction Category 1 or 2 OR public notice period is determine if further action is necessary. required for this permit.) Depending on if a dam is being substantially altered or removed. If CRMC jurisdiction, applicant If RIDEM Jurisdiction no further information needs must coordinate directly with Contact Rhode Island Historic Preservation and to be submitted. ACOE and submit required Heritage Commission to determine if the project materials as requested by ACOE could affect historic properties at the site. (If the (usually drawings, SF of wetland project is being undertaken by a federal agency, impact) they are required to comply with Section 106 of the National Historic Preservation Act of 1966 **Coastal Resources Management** (NHPA)) **Rhode Island Department of Environmental Council (CRMC) Jurisdiction** Management (RIDEM) Jurisdiction Set up meeting with staff assigned to the town/city where your project is located to Set up meeting with Water Quality Restoration Team to determine determine what type of Council Assent is which type of application to submit for a Freshwater Wetlands Permit. required. Application to Alter A **Preliminary** Category B (A 30 day public 60% drawings Freshwater Wetland. (A 45 AND/ Category A OR Determination notice is required for this permit required for day public notice is required OR and a possible public hearing.) submission **Application** for this permit and a possible public hearing) Contact RIDEM Office of Water Resources Water Quality Certification (WQC) Only landowner who's Will your dam removal cause Program for information on what they will require for a WQC application. (Generally property the work or structure is Water levels to decrease more also required even if project is in CRMC jurisdiction). A 30 day public notice is located on is required to than 6-inches? required for this permit and a possible public hearing. sign RIDEM application Landowner required to sign RIDEM application while other Information on this chart is intended as a guide and does not include all permitting information required for each agency. Wood Pawcatuck Watershed Assn. See the most current permitting requirements at the following websites: affected owners will merely need to be notified and RIDEM - www.dem.ri.gov/programs/benviron/water/permits/fresh/index.htm CRMC - www.crmc.ri.gov/regu solicited for comment as part of the public notice process. ACOE - www.nae.usace.army.mil/reg/RI%20PGP%20Issuance%20(no%20PN).pdf





## What To Expect Scheduling & Costs

Existing Material Review	95 Hours	\$10,000
Wetland Delineation	24 Hours	\$5,000
Supplemental Field Survey	120 Hours	\$20,000
Preliminary Design	340 Hours	\$40,000
Hydraulic Modeling	170 Hours	\$20,000
Historic Coordination (SHPO & THPO)	30 Hours	\$3,500
Sediment Assessment & Management Plan	105 Hours	\$24,000
Abutter Research	20 Hours	\$2,500
Prepare Regulatory Application Materials & Responses	440 Hours	\$52,000
SUBTOTAL	1038 Hours	\$177,000

Final Design Plans, Bid Documents, Bidding Assistance

Construction Oversight Services

Opinion Of Construction Costs

210 Hours \$24,000
500 Hours \$75,000
\$0-\$1,000,000+

Costs May Be Significantly Reduced If Sponsor, Funders, or Volunteers Undertake These Tasks

#### How to Permit a Dam Removal Project in Rhode Island

Resource List



Identify the location of your project: www.dem.ri.gov/maps/wetjuris.htm

#### RIDEM Permitting Documents:

General Freshwater Wetlands Permitting Page

http://www.dem.ri.gov/programs/benviron/water/permits/fresh/index.htm

Water Quality Restoration Fact Sheet

http://www.dem.ri.gov/programs/benviron/water/wetlands/pdfs/wgwrteam.pdf

Office of Compliance and Inspection, Dam Safety Program Page

http://www.dem.ri.gov/programs/benviron/compinsp/dams.htm

#### RIDEM Permitting Contacts:

Water Quality Restoration Team Contact

Lisa McGreavy - lisa.mcgreavy@dem.ri.gov (401) 222.4700, Ext. 7611.

Water Quality Certification Contact

Terry Walsh - terry.walsh@dem.ri.gov (401) 222.4700, Ext. 7243.

Office of Compliance and Inspection (Dam Safety) Contact

Paul Guglielmino - paul.guglielmino@dem.ri.gov (401) 222-4700, Ext. 7122

#### **CRMC** Permitting Documents:

General CRMC Permitting Page

http://www.crmc.ri.gov/regulations.html#programs

CRMC Program Regulations (a.k.a. the "Red Book")

http://www.crmc.ri.gov/regulations/RICRMP.pdf

**CRMC** Application forms and Checklists

http://www.crmc.ri.gov/applications.html#apps

#### **CRMC** Permitting Contacts:

http://www.crmc.ri.gov/contact.html

#### Army Corps of Engineers Permitting Documents

http://www.nae.usace.army.mil/reg/RI%20PGP%20Issuance%20(no%20PN).pdf

Army Corps of Engineers Permitting Contacts

Regulatory/Permitting Division

Michael Elliott - michael.j.elliott@usace.army.mil (978) 318-8131

Rhode Island Historical Preservation and Heritage Commission Project Review Jeffrey Emidy - jeffrey.emidy@preservation.ri.gov (401) 222-4134



### Rhode Island Emergency Management Agency FEMA Flood Map Revision

Wood Pawcatuck Watershed
Association www.wpwa.org

http://www.riema.ri.gov/contact/

Contact: Michelle Burnett – RIEMA Floodplain Manager

michelle.f.burnett@us.army.mil (401) 946-9996

\*Consult the municipal building official regarding local building permit requirements and legal construction hours

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Special Thanks To......





