

MINUTES OF MEETING OF THE BOARD OF SELECTMEN

Date of Meeting: September 27, 2022
Date of Transcription: October 17, 2022
Transcribed by: Cassandra Slaney

Remote meeting due to Covid-19

1. CALL MEETING TO ORDER BY CHAIRMAN

2. ROLL CALL

Selectmen Present: Judith Whiteside, Chairman
Patricia A. Wurts, Clerk
Jared S. Chadwick
Alan H. Slavin

Also Present: Richard Bowen, Town Counsel

Not Present: Derek Sullivan, Town Administrator
Ronald S. Besse

3. PLEDGE OF ALLEGIANCE

4. ANNOUNCEMENTS

The Harvest Moon Festival took place on Saturday, September 24th in Onset and it was a great success.

5. APPOINTMENTS/REAPPOINTMENTS/INTERVIEWS

None.

6. LICENSES AND PERMITS

None.

7. TOWN BUSINESS

- a. **Discussion and possible vote to approve the surety bond for the Woodland Cove project on Red Brook Road.**

MOTION: Selectman Wurts moved to approve the surety bond for the Woodland Cove project on Red Brook Road. Selectman Chadwick seconded. Roll Call: Selectman Slavin-no, Selectman Chadwick-yes, Selectman Wurts-yes, Selectman Whiteside-yes.

VOTE: 3-1-0 (Selectman Slavin opposed)

- b. **Discussion and possible vote regarding the following articles for the 2022 Annual Fall Town Meeting
(Presentation by Sandra Slavin and David Heard)
Article 7-Return Unused Funds From Cancelled Project
Article 8-Tremont Nail Remediation Project
Article 9-2021 Community Preservation Fund Reserves Adjustment
Article 10-Little Harbor Country Club Land Acquisition**

MOTION: Selectman Slavin moved to recommend the above articles for the 2022 Annual Fall Town Meeting Warrant. Selectman Chadwick seconded. Roll Call: Selectman Slavin-yes, Selectman Chadwick-yes, Selectman Wurts-yes, Selectman Whiteside-yes.

VOTE: 4-0-0 (Unanimous)

- c. **Discussion and possible vote regarding the following articles for the 2022 Annual Fall Town Meeting**

SELECTMEN MEETING MINUTES-9/27/2022 (CONT'D)

(Presentation by James Giberti and Guy Campinha)

Article 15-Engineering Cost For WPCF Project – Clarifier Upgrades

Article 16-Engineering Cost For WPCF Project - Headworks

**Article 17-Engineering Cost For WPCF Project – Swift's Beach Smith
St Lines**

Article 18-Rescind Article For Line Force Main From Narrows To WPCF

Article 19-Line Force Main From Narrows To WPCF

No presentation was provided regarding the above mentioned articles. Selectman Slavin asked for updates on the status with EPA and DEP on possible allowable outflow increase. He also questioned if there was a plan in place or will be in place and what the time frame was for removal of the moratorium. Mr. Campinha stated at this time there is no plan in place and at this time does not know when the moratorium will be removed.

MOTION: Selectman Slavin moved to recommend the above articles for the 2022 Annual Fall Town Meeting. Selectman Chadwick seconded. Roll Call: Selectman Slavin-yes, Selectman Chadwick-yes, Selectman Wurts-yes, Selectman Whiteside-yes.

VOTE: 4-0-0 (Unanimous)

d. Presentation by Fuss & O'Neill regarding Parker Mills Dam options.

Present before the Board: Elsa Loehmann, Project Manager for Fuss & O'Neill; Ken Buckland, Town Planner

Ms. Loehmann provided the presentation to determine the best course of action for the restoration of the dam. The focus is on improving climate resiliency, flooding issues and providing improvements with minimal impacts to the infrastructure. She also explained the options: Full vertical removal and hybrid partial vertical removal. Discussion ensued regarding funding for the full vertical removal.

(See attachment of presentation)

e. Discussion and possible vote regarding disposition of Parker Mills Dam.

MOTION: Selectman Slavin moved to approve the full dam removal of Parker Mills Dam subject to availability of funding and if the financial funding is not available, the hybrid partial vertical removal option is approved. Selectman Chadwick seconded. Roll Call: Selectman Slavin-yes, Selectman Chadwick-yes, Selectman Wurts-yes, Selectman Whiteside-yes.

VOTE: 4-0-0 (Unanimous)

**f. Discussion and possible vote regarding the following articles for the 2022
Annual Fall Town Meeting**

(Presentation by Kenneth Buckland)

Article 21- Amendment Of Zoning Bylaw Art. 13, Sec 1381

**Article 22-Amendment Of Zoning Bylaw Art. 12, New MS4
Regulations**

**Article 23-Zoning By-Laws-Moratorium On Marijuana Social
Consumption Establishments**

Article 24-Zoning By-Laws For Signs

Article 25-Amendment Of Zoning Bylaw Art. 6, Corrections

MOTION: Selectman Slavin moved to recommend the above articles for the 2022 Annual Fall Town Meeting. Selectman Chadwick seconded. Roll Call: Selectman Slavin-yes, Selectman Chadwick-yes, Selectman Wurts-yes, Selectman Whiteside-yes.

VOTE: 4-0-0 (Unanimous)

**g. Accept donation to the Wareham Free Library in the amount of \$102.00 from
the Stop and Shop Community Bag Program for the Wareham Free Library
Gift Account.**

MOTION: Selectman Slavin moved to accept the donation to the Wareham Free Library in the amount of \$102.00 from the Stop & Shop Community Bag Program for the Wareham Free Library Gift Account. Selectman Chadwick seconded. Roll Call: Selectman Slavin-yes, Selectman Chadwick-yes, Selectman Wurts-yes, Selectman Whiteside-yes.

VOTE: 4-0-0 (Unanimous)

SELECTMEN MEETING MINUTES-9/27/2022 (CONT'D)

- h. **Discussion and possible vote to recommend approval of 2022 Annual Fall Town Meeting warrant articles.**

No discussion of articles.

- i. **Any other Town business not reasonably anticipated 48 hours prior to the posting of this meeting.**

Selectman Whiteside read into record an article regarding disposal of radioactive wastewater left over from Plymouth's Pilgrim Nuclear Power Station into Cape Cod Bay.

(See attachment of the article)

MOTION: Selectman Chadwick moved to authorize the chair to send a letter to AG Maura Healy protesting the proposed dumping of 1.1 million gallons of radioactive wastewater into Massachusetts Bay. Selectman Slavin seconded. Roll Call: Selectman Slavin-yes, Selectman Chadwick-yes, Selectman Wurts-yes, Selectman Whiteside-yes.

VOTE: 4-0-0 (Unanimous)

8. TOWN ADMINISTRATOR'S REPORT

No Town Administrator's report.

9. LIAISON/INITIATIVE REPORTS /BOARD'S COMMENTS

Selectman Slavin attended the Community Events Committee meeting. There have been no new reimbursements received to date.

Selectman Slavin will be attending the SRPEDD monthly commission meeting to discuss ARPA and Infrastructure funds.

The Board of Selectmen will not be meeting on Tuesday, October 4th, the meeting will take place on Thursday, October 6th at 7pm.

10. CONSENT AGENDA

- a. **Authorization to sign bills and documents, etc.**
- b. **Approval of meeting minutes:**

11. ADJOURNMENT

MOTION: Selectman Slavin moved to adjourn at 8:42 pm. Selectman Chadwick seconded. Roll Call: Selectman Slavin-yes, Selectman Chadwick-yes, Selectman Wurts-yes, Selectman Whiteside-yes.

VOTE: 4-0-0 (Unanimous)

12. SIGNING OF DOCUMENTS APPROVED BY THE BOARD

Respectfully submitted

Cassandra Slaney

Senior Department Assistant

The foregoing minutes were submitted to the Board of Selectmen on:

Attest:

Patricia A. Wurts
Patricia A. Wurts, Clerk

Date Signed: *10/17/22*

DOCUMENTS REVIEWED AND/OR USED IN MEETING.

- 1. Surety bond for Woodland Cove project on Red Brook Road.
- 2. 2022 Annual Fall Town Meeting articles.
- 3. Parker Mills Dam presentation.
- 4. Donation to the Wareham Free Library.

Date sent to Town Clerk: *11-17-22*

attachment to 9-27-22
meeting minutes

Hybrid Partial Vertical Removal



Hybrid Partial Vertical Removal



Parker Mills Pond Dam Alternatives Assessment – Wankinco River – Wareham, MA

Hybrid Partial Vertical Removal

Riverine Function: Improves fish passage at dam; requires sediment management, although less than Full Dam Removal; potential for cold-water and warm-water fisheries

Aesthetics: Small pond at Route 28, stream channel upstream in impoundment

Flooding: Reduces seepage through Elm Street; minimally reduces flooding at Elm Street

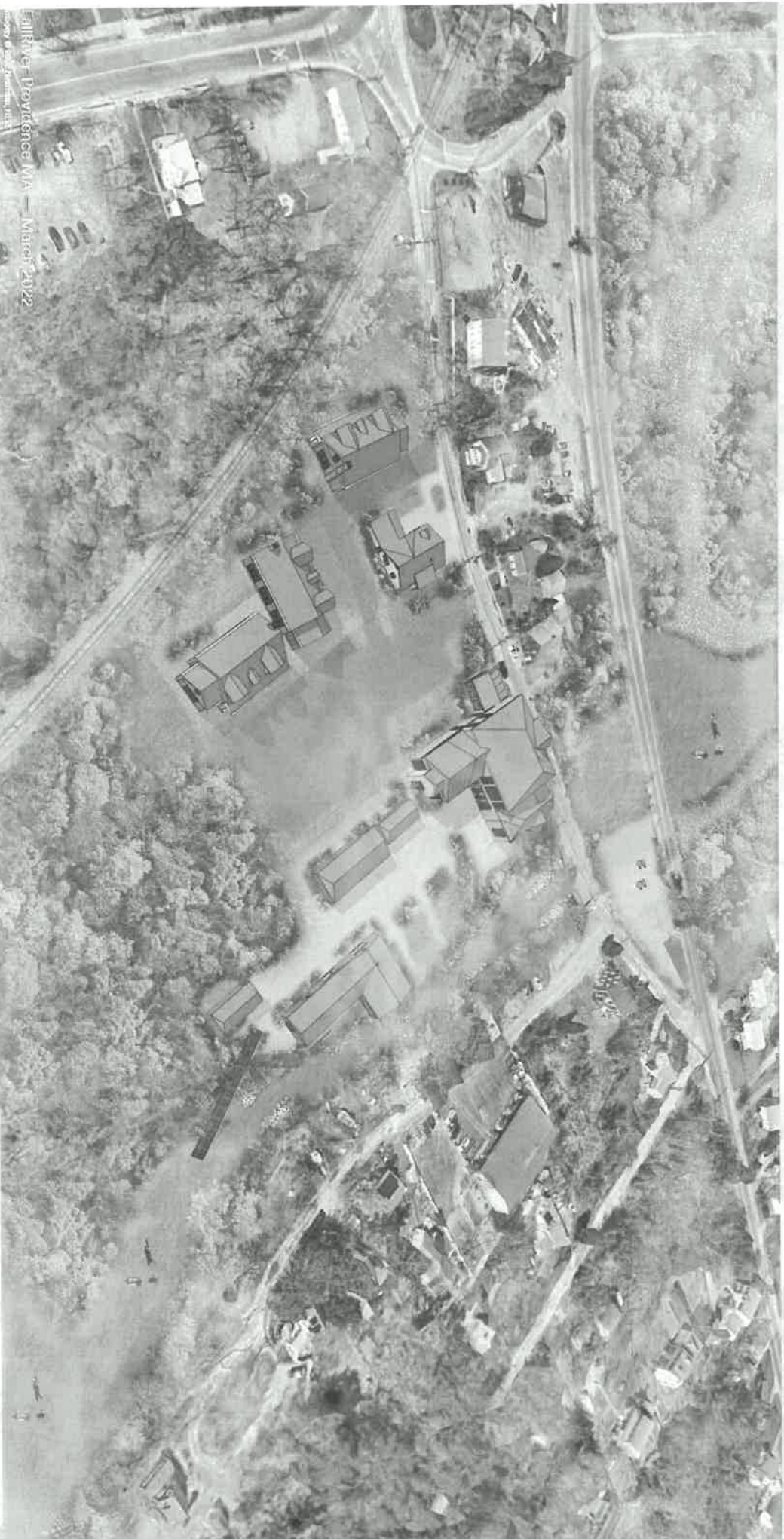
Recreation/Access Upstream: Fishing, trails, flat water/river kayaking upstream of dam; under Elm Street may be passable by kayak

Recreation/Access Downstream: Flat water kayaking downstream of dam

Structural Impact: Moderate impact to bridges; potential Route 28 replacement and scour countermeasures at other bridges

Cost: Moderate to very expensive; depends on design specifics





Full River, Providence, MA - March 2022
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FUSS & O'NEILL

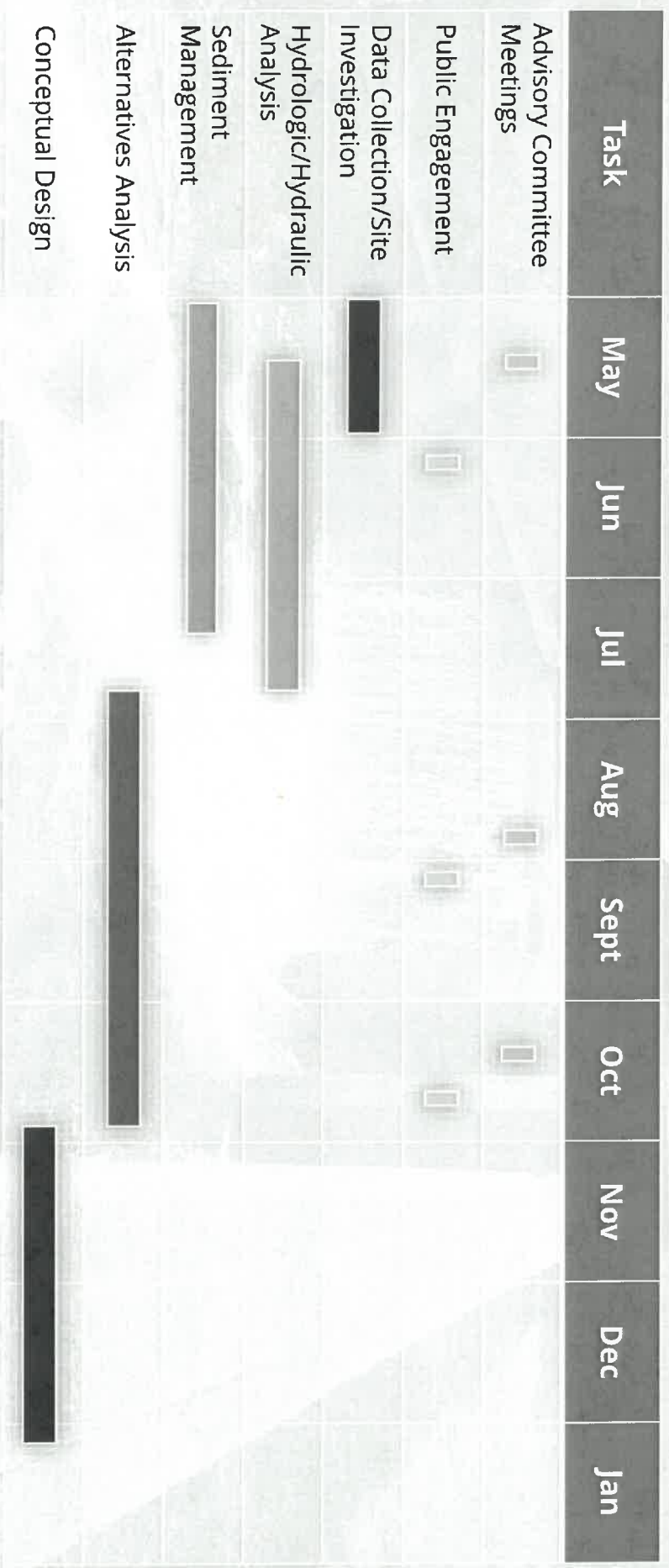
Parker Mills Pond Dam Alternatives Assessment - Wankinco River - Wareham, MA

September 15, 2022

	Regulatory	Restore	Improve	Compliment		Provide		Avoid impacts		Maintain	Cost
	PERMITTING	RIVERINE FUNCTION	CLIMATE RESILIENCY / FLOODING	AESTHETICS	COMPLIMENTS DEVELOPMENT	PUBLIC ACCESS	RECREATION	MINIMIZE IMPACTS TO INFRASTRUCTURE	MINIMIZE IMPACTS TO ECOSYSTEM	MINIMIZE LIFE-CYCLE COSTS	MINIMIZE CONSTRUCTION COST
PARTIAL VERTICAL REMOVAL	Will benefit from coordination with DMF; limited sediment management	Improves fish passage at dam; creates ponded and warm water fisheries conditions upstream	Somewhat reduces flooding potential at Elm Street / Route 28	Natural Channel Appearance; waterfall/rapids	Maintains the natural feel and historic character of the site; somewhat reduces seepage through Elm Street; provides significant protection for Tremont Nail Factory foundation and granite walls	Additional kayak access can be provided upstream and downstream	Nature-like fishway will be challenging to not passable by kayak	Minimum impact to bridges. Does not require replacement of any bridges. Requires scour countermeasures at all upstream crossings; provides significant protection for foundation of Tremont Nail Factory	May require limited upstream channel work; limited excavation of sediment between Elm Street and Route 28	Minimal long-term costs; fishway increases construction cost	\$5
FULL VERTICAL REMOVAL	Significant sediment management	Restores fish passage at dam; may require upstream channel modifications; cold-water stream through impoundment	Significantly reduces flooding potential at Elm Street / Route 28; Natural Channel Appearance	Natural Channel Appearance; stream	Maintains the natural feel and historic character of the site; eliminates seepage through Elm Street; provides no additional downstream channel protection for the Tremont Nail Factory and granite walls	Additional kayak access can be provided downstream; channel access and trails can be provided upstream	Route 28 to downstream of Elm Street will be navigable by kayak; easier to navigate at high tide	Maximum impact to bridges. Requires replacement of Route 28, Route 25 over Harlow Brook, and the Thayer Road culverts. Requires substantial support of Route 25 over the Wanhico River; does not provide additional protection for Tremont Nail Factory	Requires upstream channel work to stabilize channel; requires significant sediment management	Eliminates dam maintenance costs	\$\$\$
HYBRID PARTIAL VERTICAL REMOVAL	Will benefit from coordination with DMF; moderate sediment management	Restores fish passage at dam; can vary the extent of warm water/cold water fisheries through the pond	Moderate reduction in flooding potential at Elm Street / Route 28	Natural Channel Appearance	Maintains the natural feel and historic character of the site; reduces seepage through Elm Street; provides limited downstream protection for Tremont Nail Factory foundation and granite walls	Additional kayak access provided downstream; flexibility regarding upstream access based on design.	Kayak passage can be maximized through design of the reach. More challenging than full dam removal, less challenging than the Nature-Like Fishway	Varied impact to bridges; provides limited protection for Tremont Nail Factory foundation and granite walls	Requires upstream channel work to stabilize channel; requires some sediment management	Minimal long-term maintenance	\$5
				KEY	BEST	MODERATE	POOR				

Wrap-Up

Project Schedule



Next Steps

- Refine design based on feedback
- Develop Conceptual Design

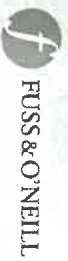
<https://bit.ly/ParkermillsDam>

[illegible]


Contact: Kenneth Buckland
Wareham Director of Planning and Community
Development

508.291.3100 x6501

kbuckland@wareham.ma.us



Parker Mills Pond Dam Alternatives Assessment – Wankinco River – Wareham, MA



The screenshot shows a mobile application interface. At the top, there is a header bar with the text 'Wareham Parker Mills Dam Assessment'. Below the header, there is a list of actions, each preceded by a square checkbox:

- ☐ Stay up to date
- ☐ See this presentation again
- ☐ See Existing Conditions memo
- ☐ See emerging concepts
- ☐ Comment at any time under Engagement tab

At the bottom of the screen, there is a navigation bar with four tabs: 'Engagement', 'Project', 'Overview', and 'Map'. The 'Engagement' tab is currently selected and highlighted in blue.

[illegible]

[CLICK HERE to send an e-mail with your questions or comments for the project team](#)

September 15, 2022

Stakeholder Engagement

1. Technical Advisory Meetings

Schedule:

- October 12th 11-12:30pm – Final Preferred Alternative

2. Public Engagement Meetings – *recommend* 6 - 7:30pm

Schedule:

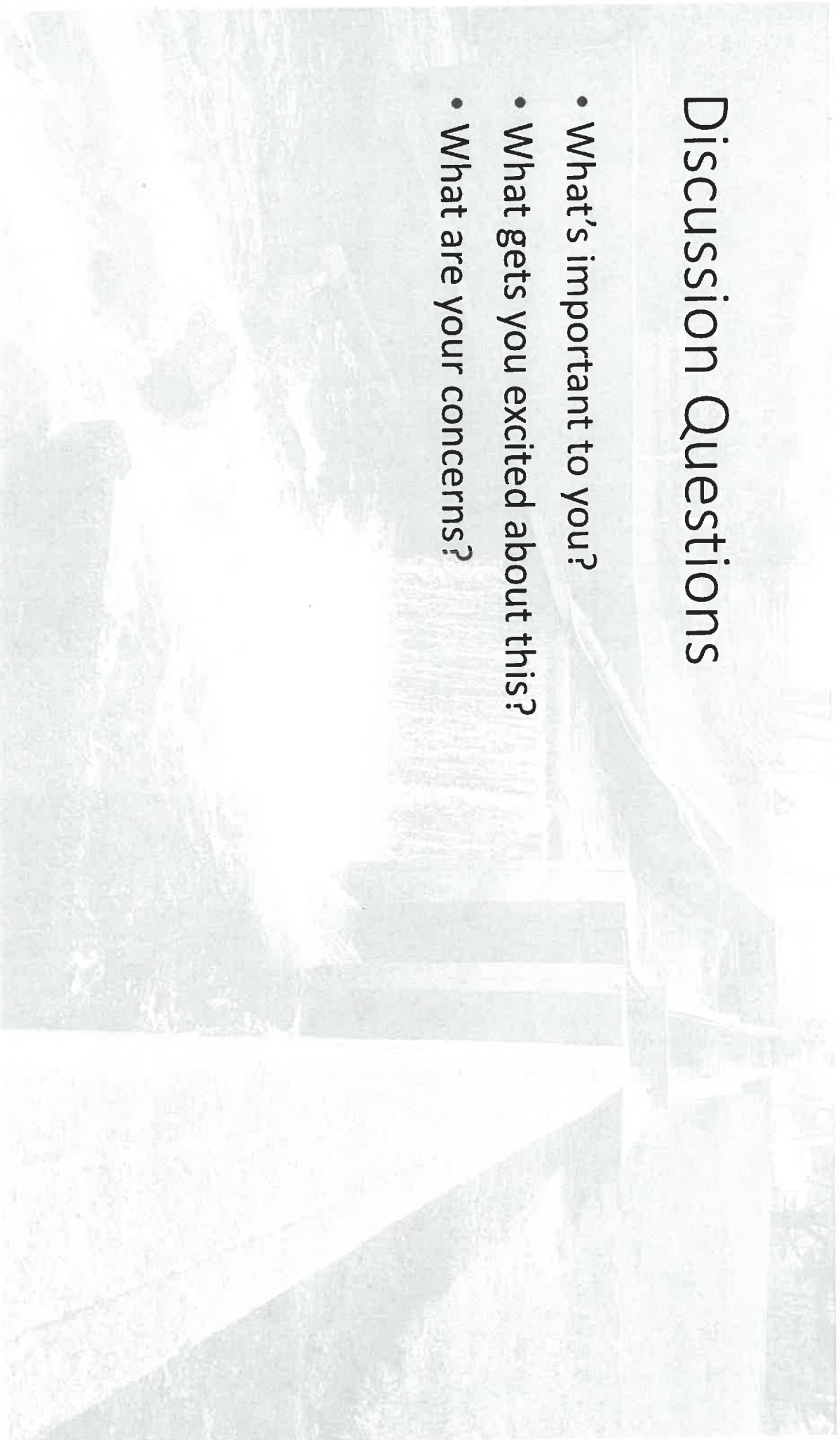
- October 20th - Final Preferred Alternative – virtual

Project website link (<https://bit.ly/ParkermillsDam>)

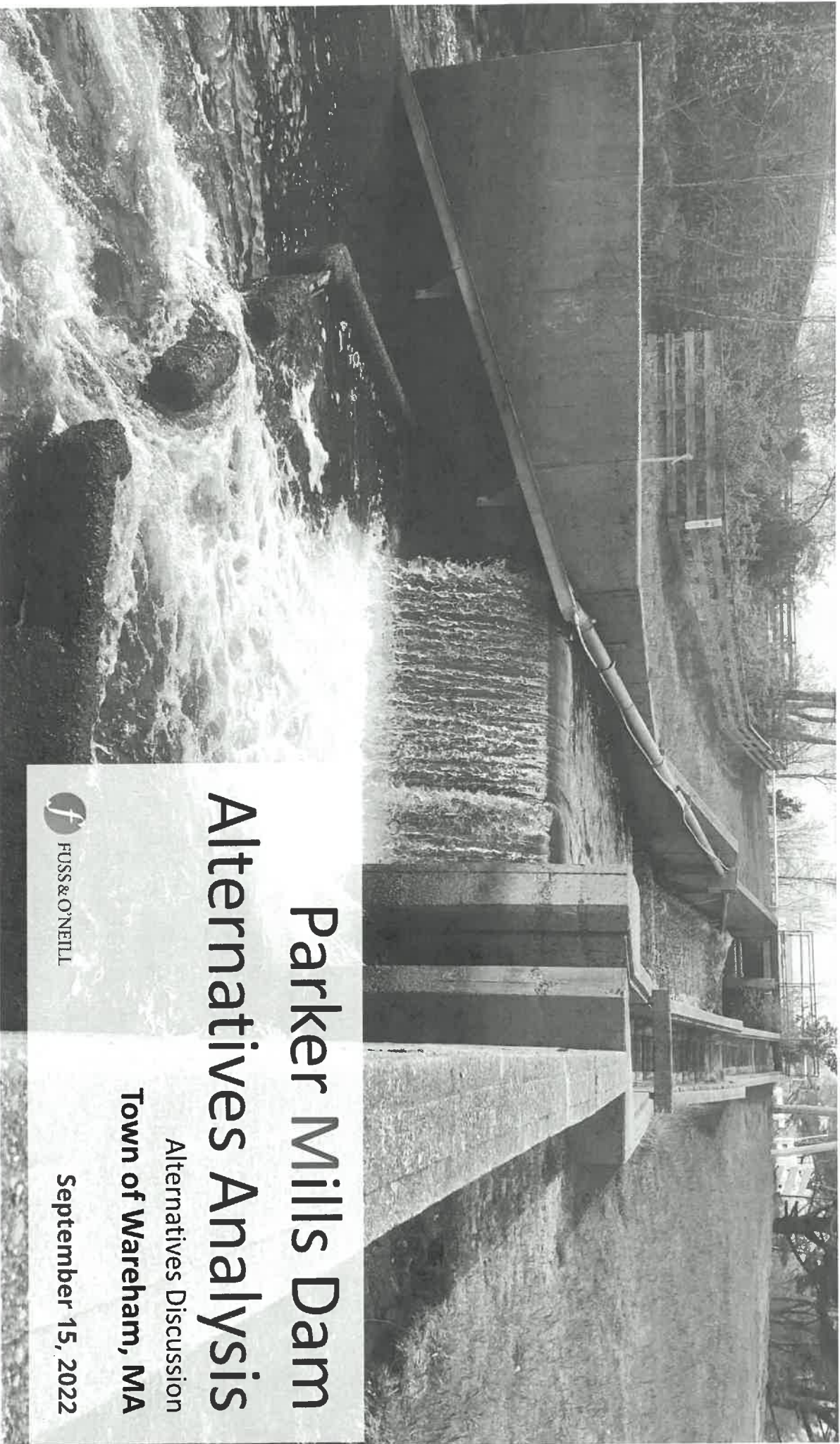
THANK YOU!

Discussion Questions

- What's important to you?
- What gets you excited about this?
- What are your concerns?

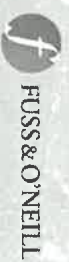


Attachment to 9-27-22
Meeting Minutes



Parker Mills Dam Alternatives Analysis

Alternatives Discussion
Town of Wareham, MA



September 15, 2022

Agenda

- Welcome and Introductions
- Background/Existing Conditions
- Alternatives Analysis
- Schedule

Fuss & O'Neill Team



Elisa Loehmann, PE
Project Manager

- Water Resources Management, Stream Restoration, Hydrologic/Hydraulic Analysis, Permitting, and Ecological Restoration Design Expert
- ACEC National Engineering Excellence Award Recipient
- Coastal America Spirit Award Recipient



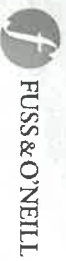
Dean Audet, PE
Principal-in-Charge

- Funding, Climate Resilience, and Ecological Restoration Expert
- National APWA Resilient Design Award Recipient



Eileen Gunn
Public Engagement

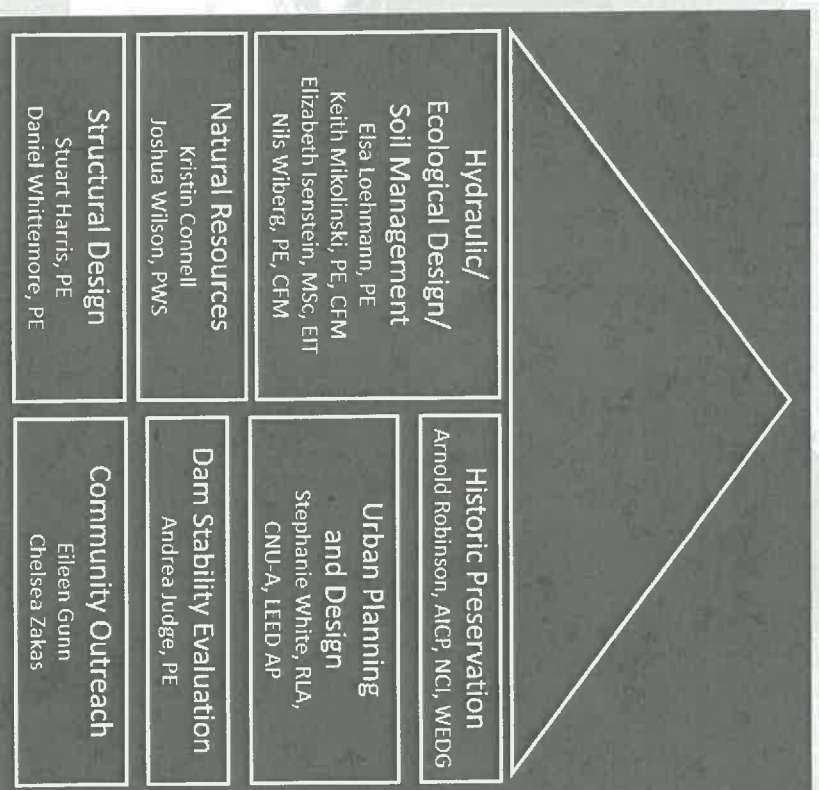
- Former Municipal Grant Manager at MassDOT (CS and BRI Grant Programs)
- Community Infrastructure Resilience Focus



Parker Mills Pond Dam Alternatives Assessment – Wankinco River – Wareham, MA

September 27, 2022

Fuss & O'Neill Team



Technical Advisory Committee

- | | | | |
|------------------------------|---|---------------------------|---|
| • Alan Slavin | Wareham Selectman | • Jason Pannone | Principal, Bentley Companies |
| • Angela M. Dunham | Wareham President Historic Commission | • Jillian Morton | Lawyer representing Bentley Companies |
| • Brad Chase | Massachusetts Division of Marine Fisheries | • Ken Ragusin | Resident |
| • Dan Butler | Chairman, Wareham Redevelopment Authority | • Kenneth Buckland | Wareham Director Planning and Community Development |
| • Dave Menard | Wareham Director of Municipal Maintenance | • Melissa Ferretti | Chairwoman, Wampanoag Tribe |
| • Dave Pichette | Wareham Conservation Administrator | • Mike McVeigh | AD Makepeace |
| • Don Huggins | Bentley Companies/Developer | • Monique Baldwin | Wareham Assistant Town Planner |
| • Elise Leduc-Fleming | Executive Director, Wareham Land Trust non-profit | • Sandra A Assad | Abutter/Building Owner |
| • Gary Buckminster | Director of Natural Resources/Harbormaster | • Sara Quintal | Buzzards Bay Coalition |

Alternatives Analysis



Data Collection & Field Investigation
Review existing data, collect sediment samples and depth probes

COMPLETE!



Survey
Field survey for critical structure elevations

COMPLETE!



Hydraulic Modeling
Computer generated models that evaluate flow of water

COMPLETE!



Alternatives Analysis
Compare results from various iterations of proposed concepts

CURRENT



Conceptual Design Development
Develop conceptual design plans and renderings of the alternatives

BEGINNING
OCTOBER 2022

Project Objectives



RESTORE habitat, natural river processes, fish passage, and water quality in the riverine system;



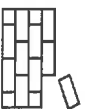
IMPROVE watershed climate resiliency;



COMPLEMENT future property improvements envisioned for Tremont Nail Factory;



PROVIDE feasible improvements to visual and historic character, recreation, nature viewing, and boating along the river for visitors;



AVOID IMPACTS to existing public and private physical infrastructure;



MAINTAIN existing levels of flood control and protection for public and private property.



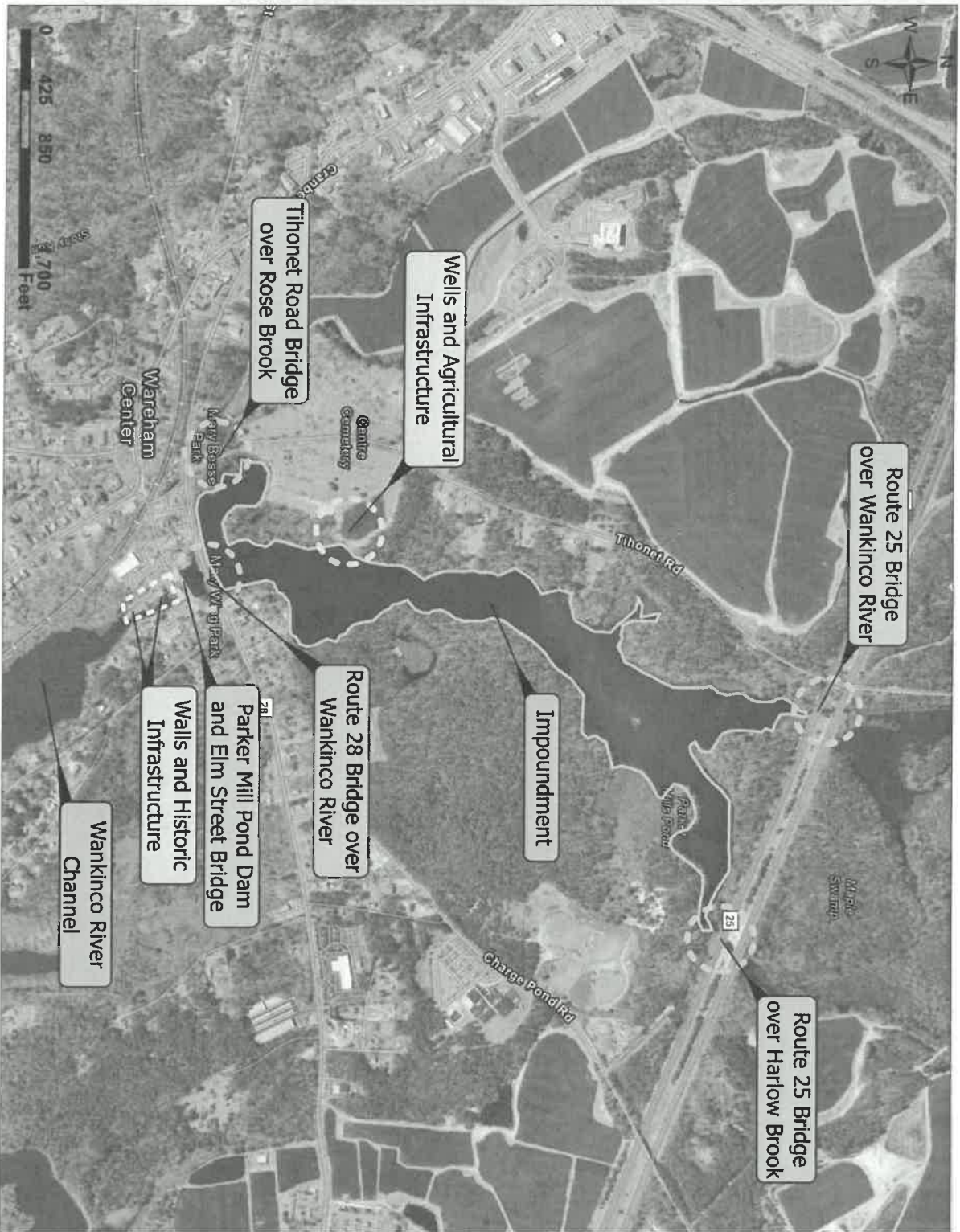
FUSS & O'NEILL

Project Overview

Project Overview

- Assess feasibility of modifications to dam or removal of dam to meet project goals
- Limits of the study are from just upstream of Route 25 to the confluence of the Wankinco and Agawam Rivers
- The first phase of a longer project
- End result of this phase is concept design; end result of project is modification or removal of dam

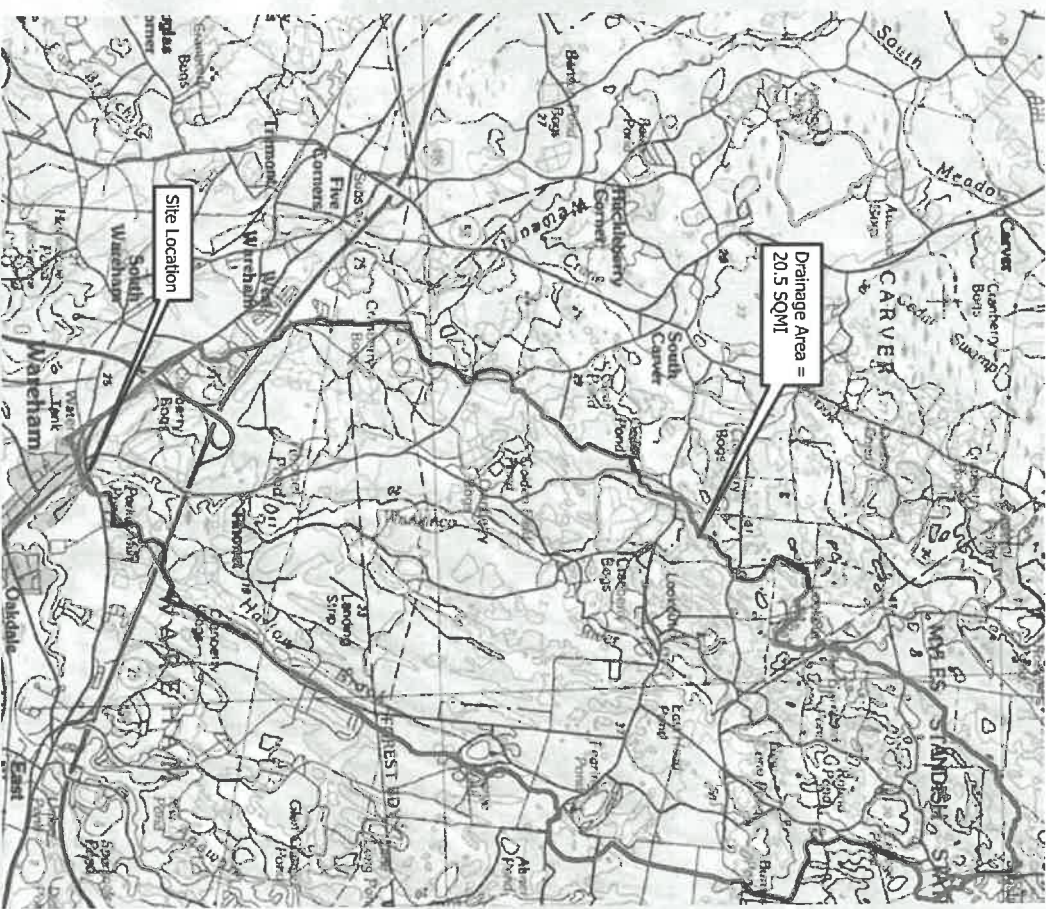




Existing Conditions

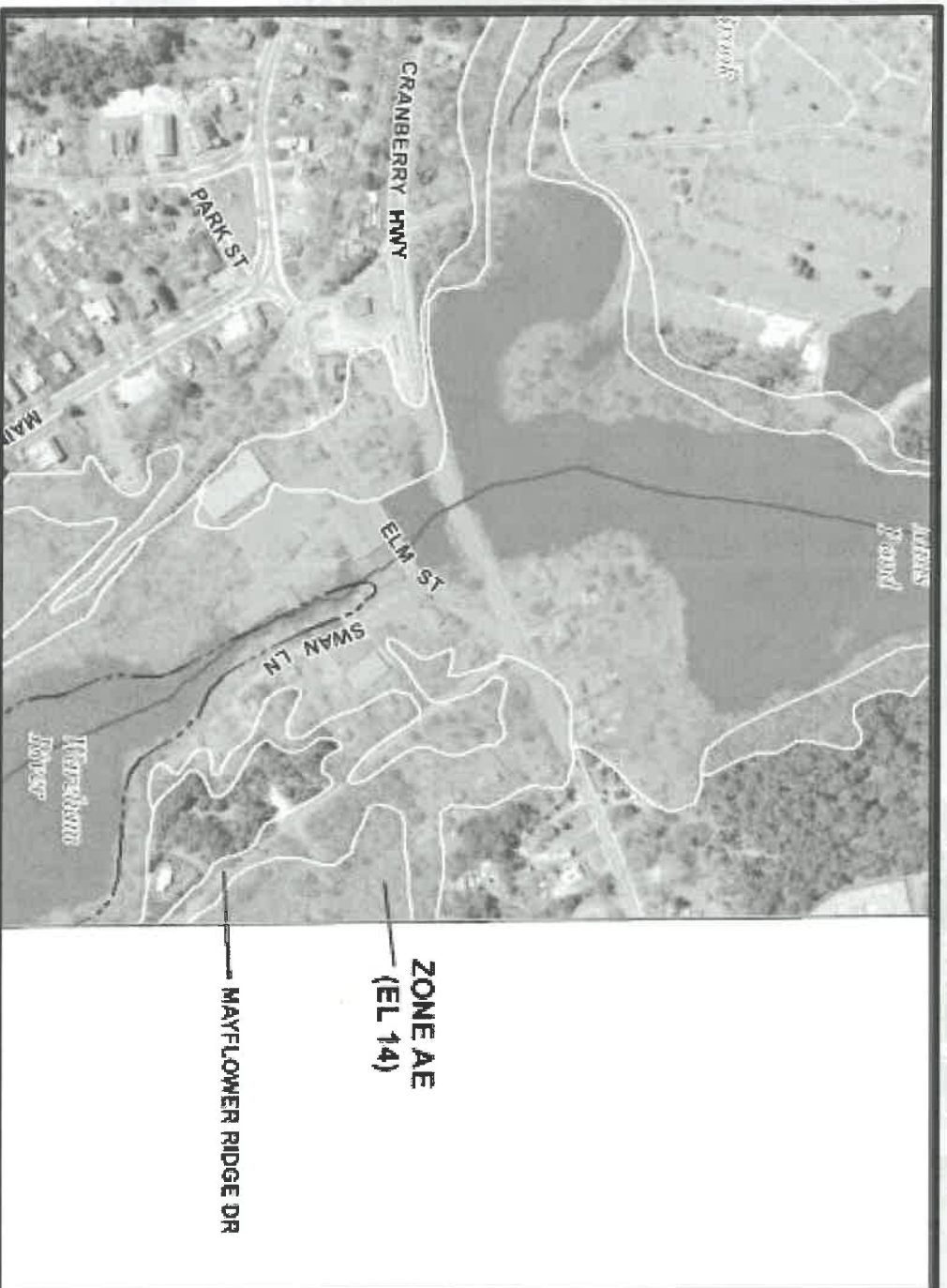


Watershed Map



Parker Mills Pond Dam Alternatives Assessment – Wankinco River – Wareham, MA

FEMA Flood Insurance Rate Map



Parker Mills Pond Dam



Parker Mills Pond Spillway

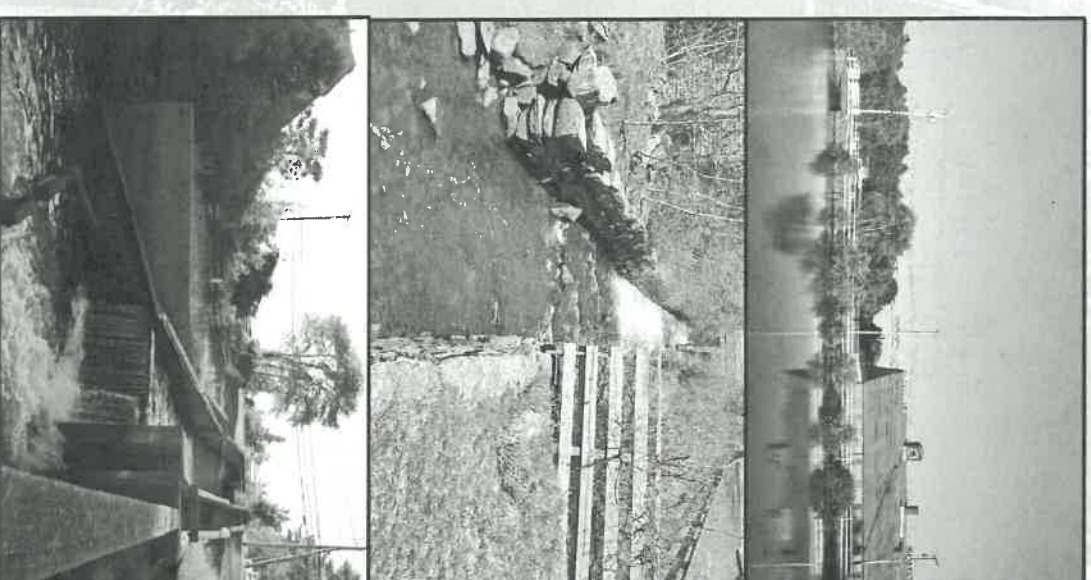


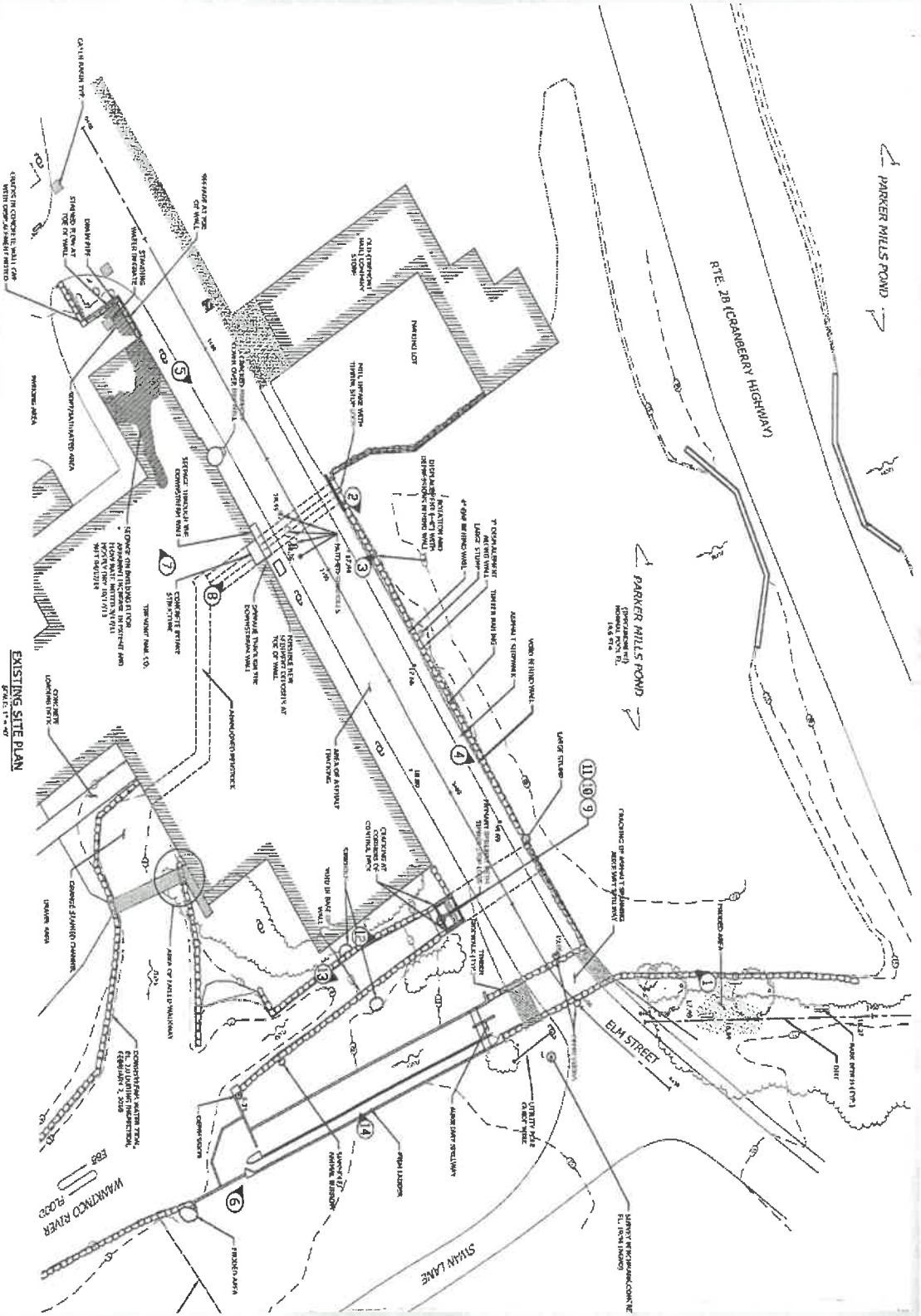
Parker Mills Pond Dam

- Earthen embankment with stone masonry faces
- Two spillways and a fishway
- 400' long
- 19' structural height
- 990 acre-feet storage capacity at top of dam

MADCR Classification: High Hazard, Intermediate size

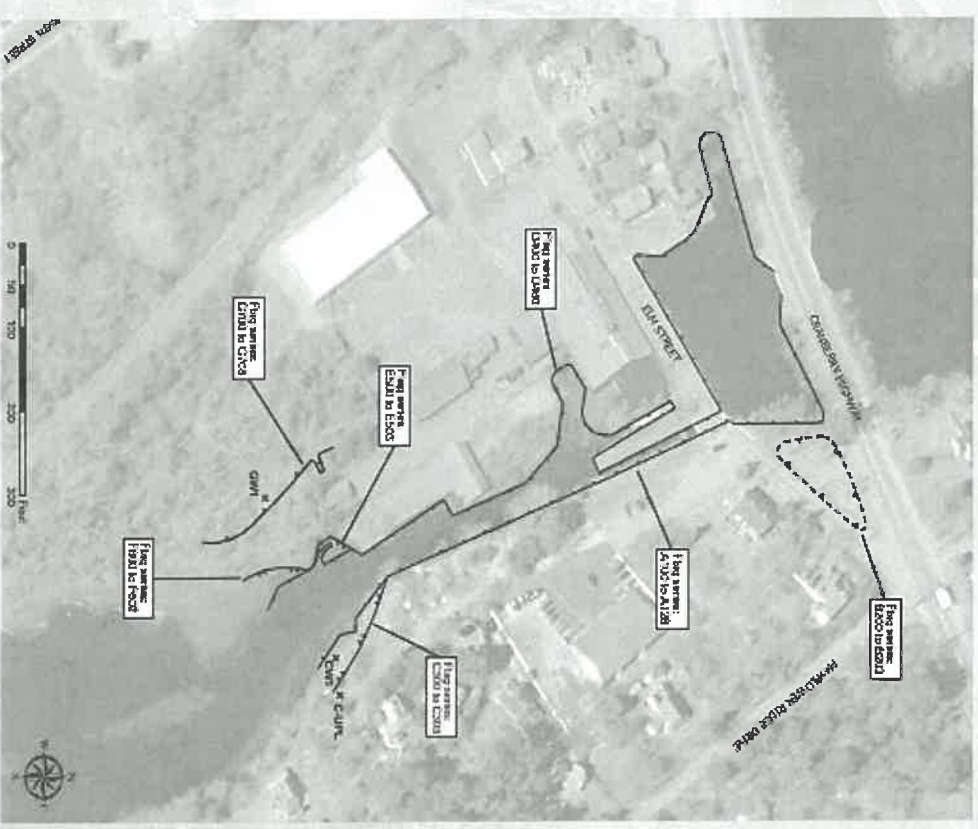
Why are we doing this project? The dam is in poor condition, has numerous deficiencies, and does not have capacity to pass SDF (Spillway Design Flood)





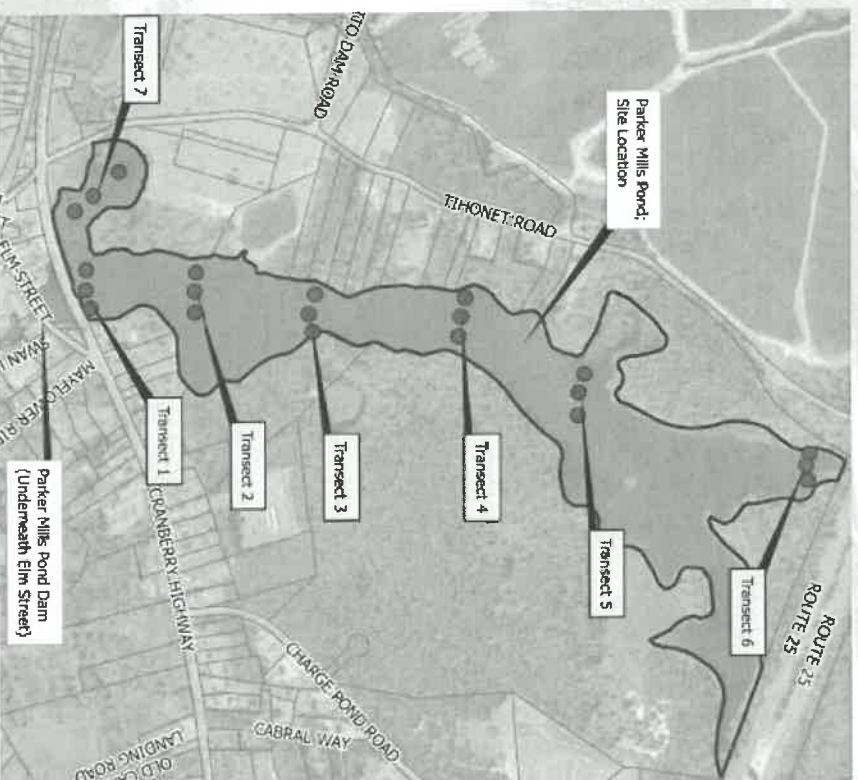
Wetlands/Resource Areas

- Tidal Wetland and Bordering Vegetated Wetland downstream of dam
- Small pocket of wetlands at Route 28

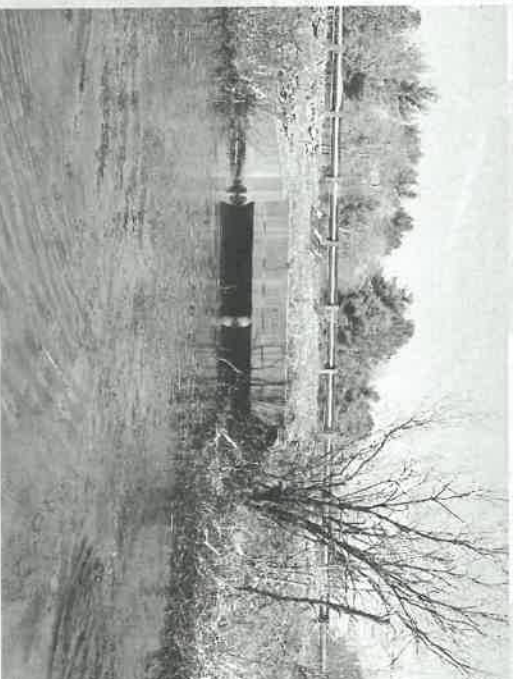
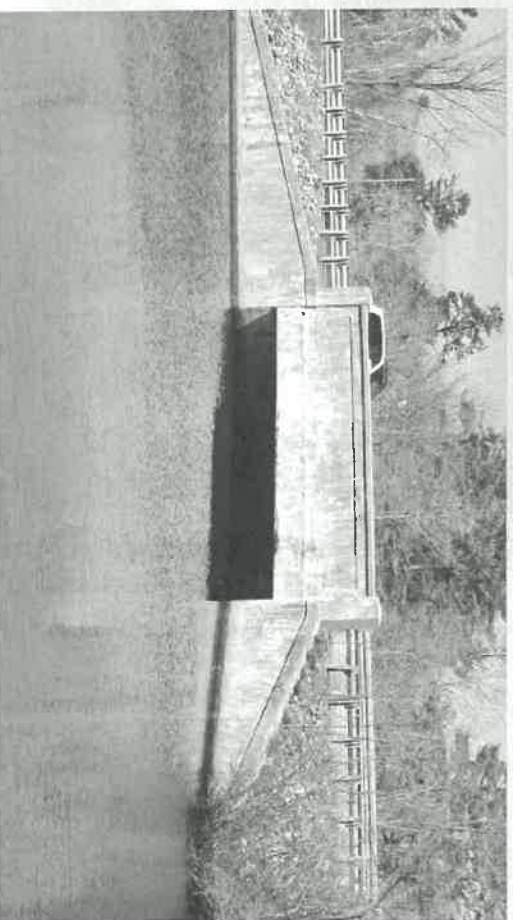


Sediment Sampling and Depth Probes

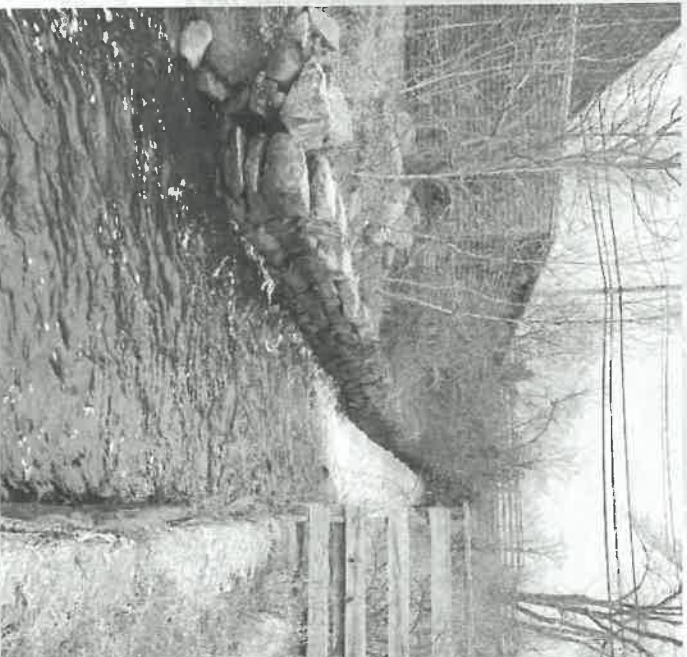
- Collected depth and physical/chemical data
- Sediment thickness ranged from 1.1 to 4.7 feet, silt and sand
- Initial data set is below applicable regulatory criteria and eco-risk guidance values



Bridges

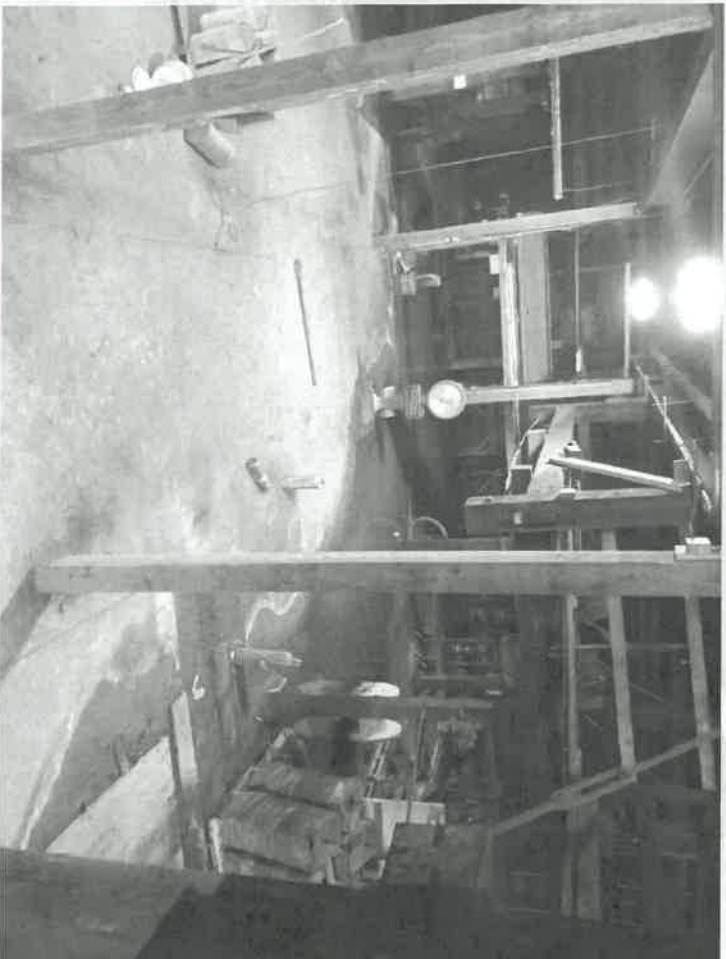


Structural Evaluation



Structural Evaluation

– Tremont Nail Factory

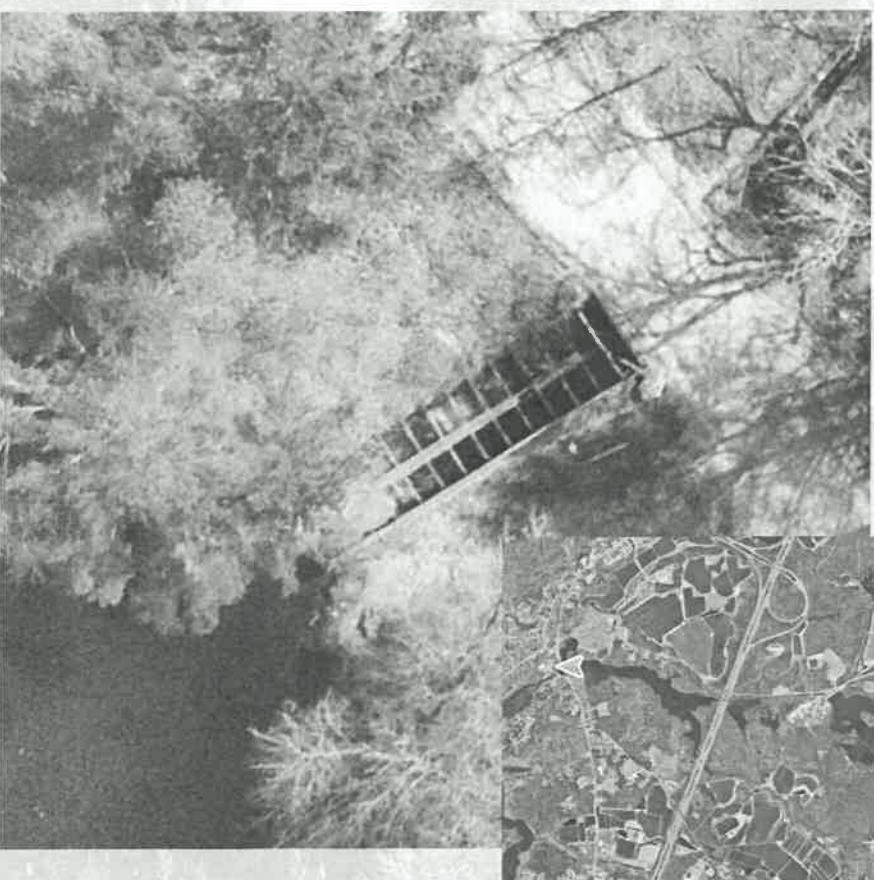
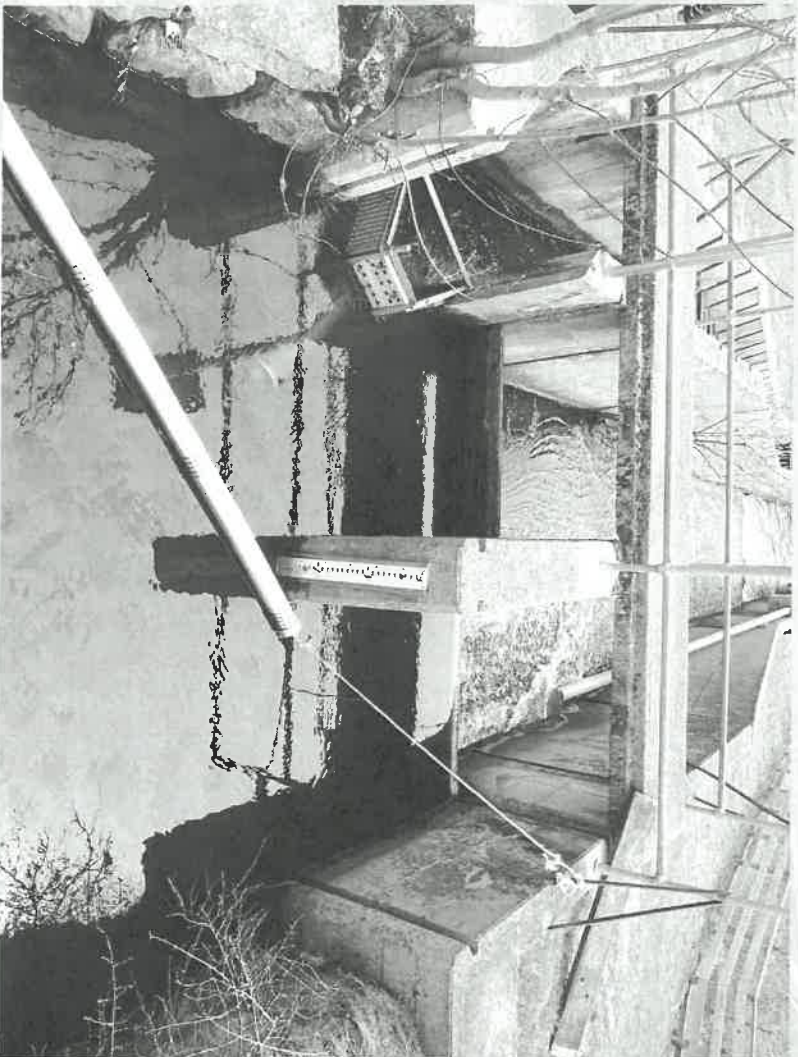


Fish Passage

- **Fish Counts are conducted by Buzzards Bay Coalition and MA Division of Marine Fisheries**
- The Buzzards Bay Coalition conducts spawning run counts with Smith-Root electronic fish counter
- American eel young-of-year are counted at the eel ramp by MA DMF
- Project goal is to sustain and improve current numbers

Year	Herring (No.)	Eel (No.)
2007	2,788	
2008	8,246	
2009	6,539	5,902
2010	10,665	2,989
2011	10,442	3,634
2012	24,764	13,927
2013	8,734	15,317
2014	18,625	25,377
2015	14,170	31,234
2016	15,026	2,032
2017	24,762	3,383
2018	18,957	72,732
2019	14,055	41,034
2020	23,709	1,345
2021	11,095	713
2022	6,482	

Fish Passage



Target Species / Design Criteria

Target Species	Maximum Body Depth (in)	Burst Speed (ft/sec)	Cruising Speed (ft/sec)	Min. Notch Width (ft)	Min. Notch Depth (ft)	Min. Channel Depth (ft)
Alewife	3.5	6.0	3.0	2.50	0.75	2.00
Blueback Herring	3.1	6.0	3.0	2.25	1.00	2.00
American eel (adult)	3.1	1.0	5.0	0.75	1.00	2.00
American shad	8.7	8.25	2.3	5.00	2.25	4.00
Rainbow Smelt	1.4	3.25	1.8	1.00	0.50	1.50

Target cruising speed = 3.0 feet per second or less

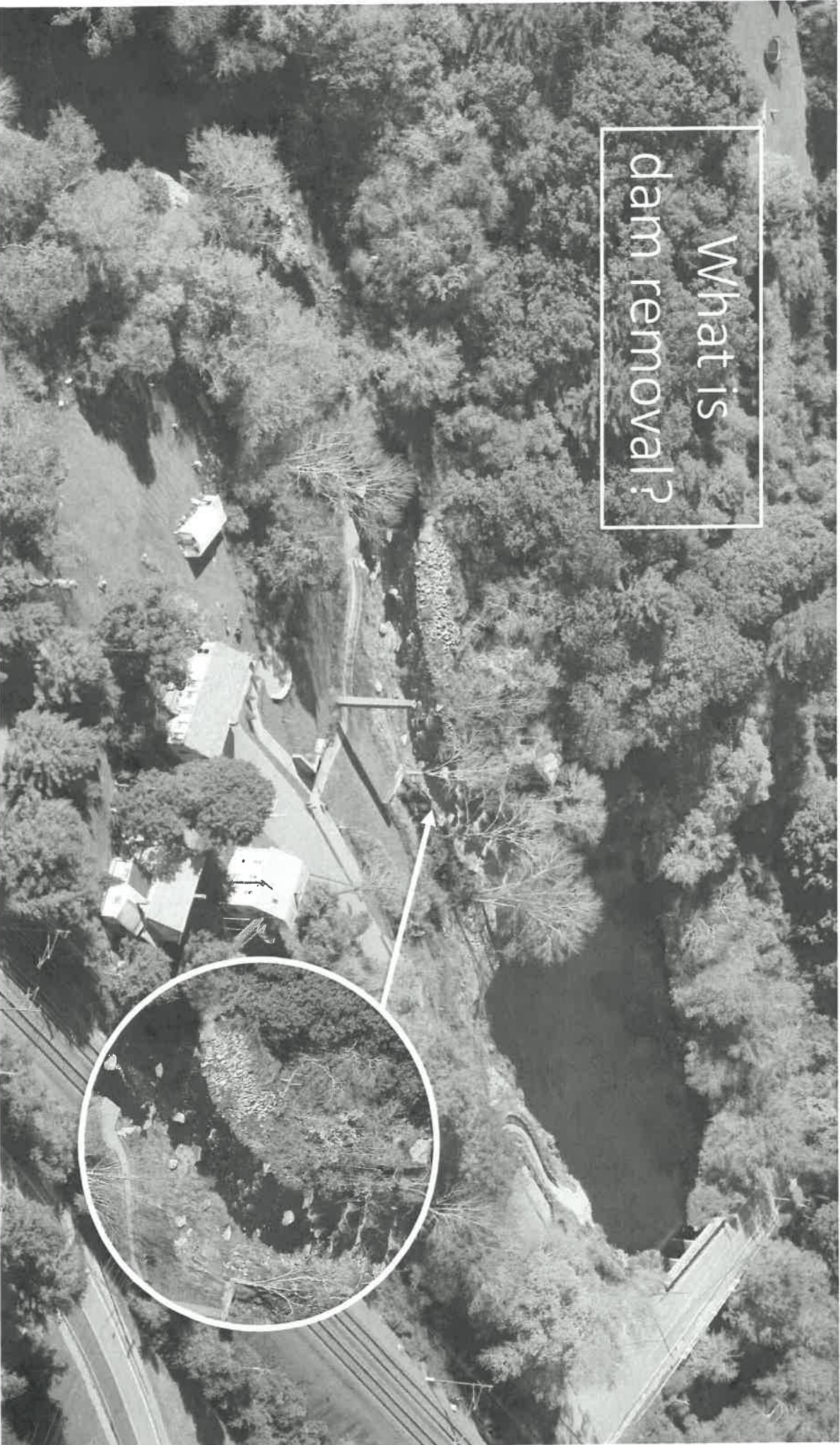
Target burst speed = 6.0 feet per second or less

Parker Mills Pond Dam Alternatives Assessment – Wankinco River – Wareham, MA

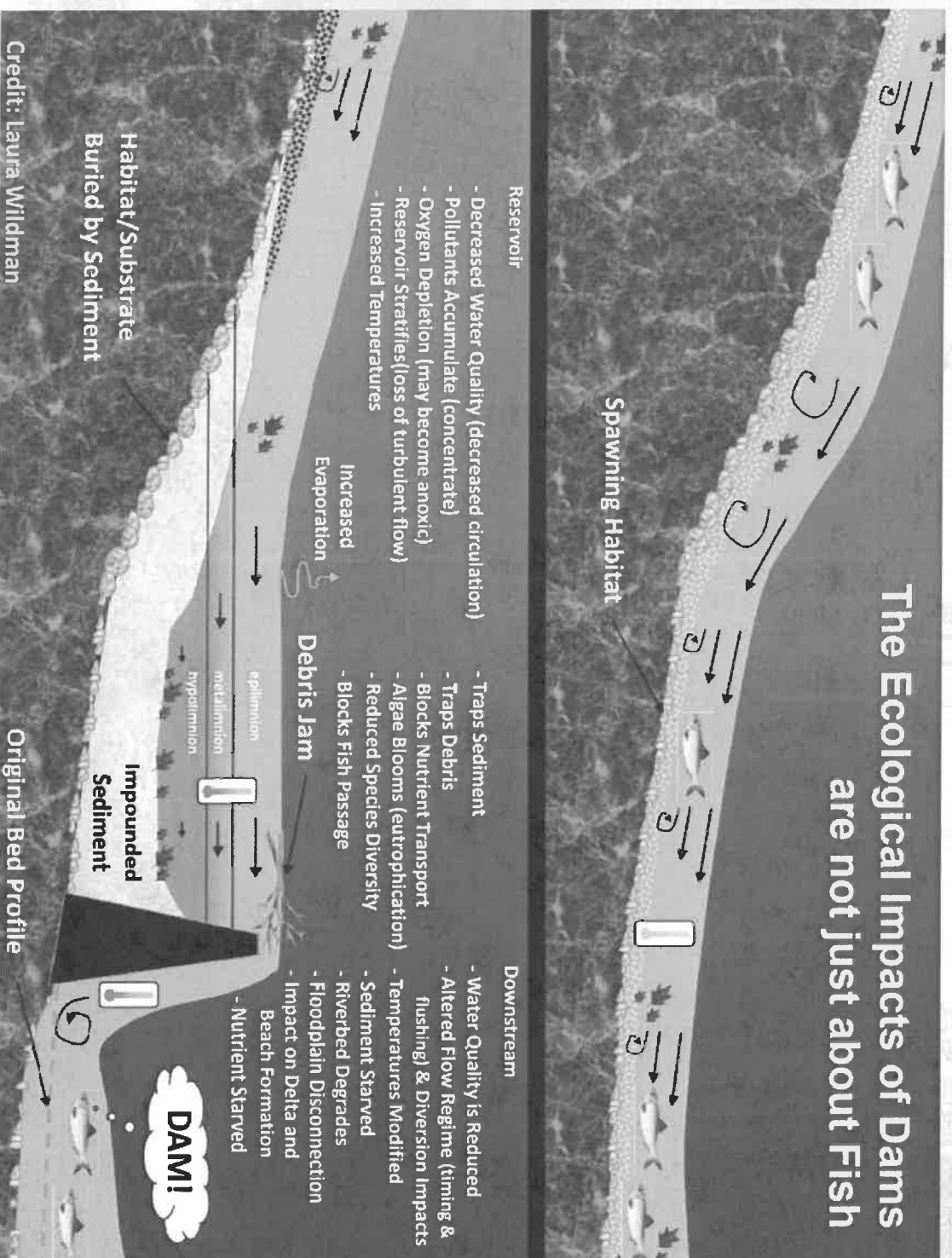
Alternatives Development

- How alternatives were developed:
 - Assessment of impacts to riverine function, aesthetics, recreational opportunities, access, and structures
 - Hydraulic modeling
 - Structural evaluation
 - Site use assessment
- Develop feasible alternatives that meet project goals

What is
dam removal?



The Ecological Impacts of Dams are not just about Fish



Credit: Laura Wildman

FUSS & O'NEILL

Parker Mills Pond Dam Alternatives Assessment – Wankinco River – Wareham, MA

September 27, 2022

Alternatives Discussion

Hydraulic Model

- Used local USGS gage data – Jones River
- Model extends from upstream of Route 25 to the confluence with the Agawam River
- Downstream boundary condition is tidal
- Future conditions analysis accounts for Sea Level Rise



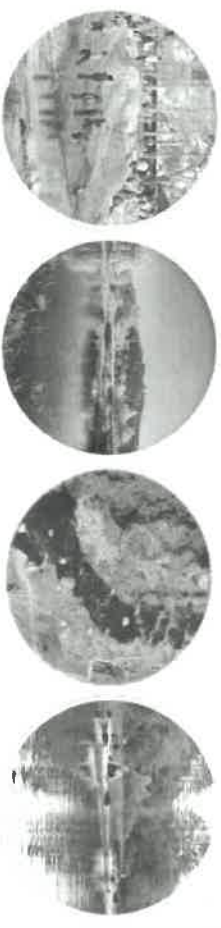
Base Conditions: Hydraulic/Hydrologic Modeling Assessment

- Fish Passage Flow Summary (from last 50 years of data):

Station Name	Drainage Area (mi ²)	Min. Flow, March - June	2-Year Flow (cfs)	10-Year Flow (cfs)	100-Year Flow (cfs)
		June			
Jones River	15.7	6	206	342	514
Wankinco River (estimated)	20.4	8	210	349	524

- Min. Flow = minimum fish passage flow = 95% exceedance flow
- Upstream migration period considered to be from March 15 through June 15

Partial Vertical Removal (Nature-Like Fishway)



Partial Vertical Removal (Nature-Like Fishway)

Riverine Function: Improves fish passage at dam; challenging low-flows for fish passage; warm-water upstream fisheries (carp, bass)

Flooding: Somewhat reduces seepage through Elm Street; minimal reduction in flooding

Aesthetics: Pond with rapids at dam

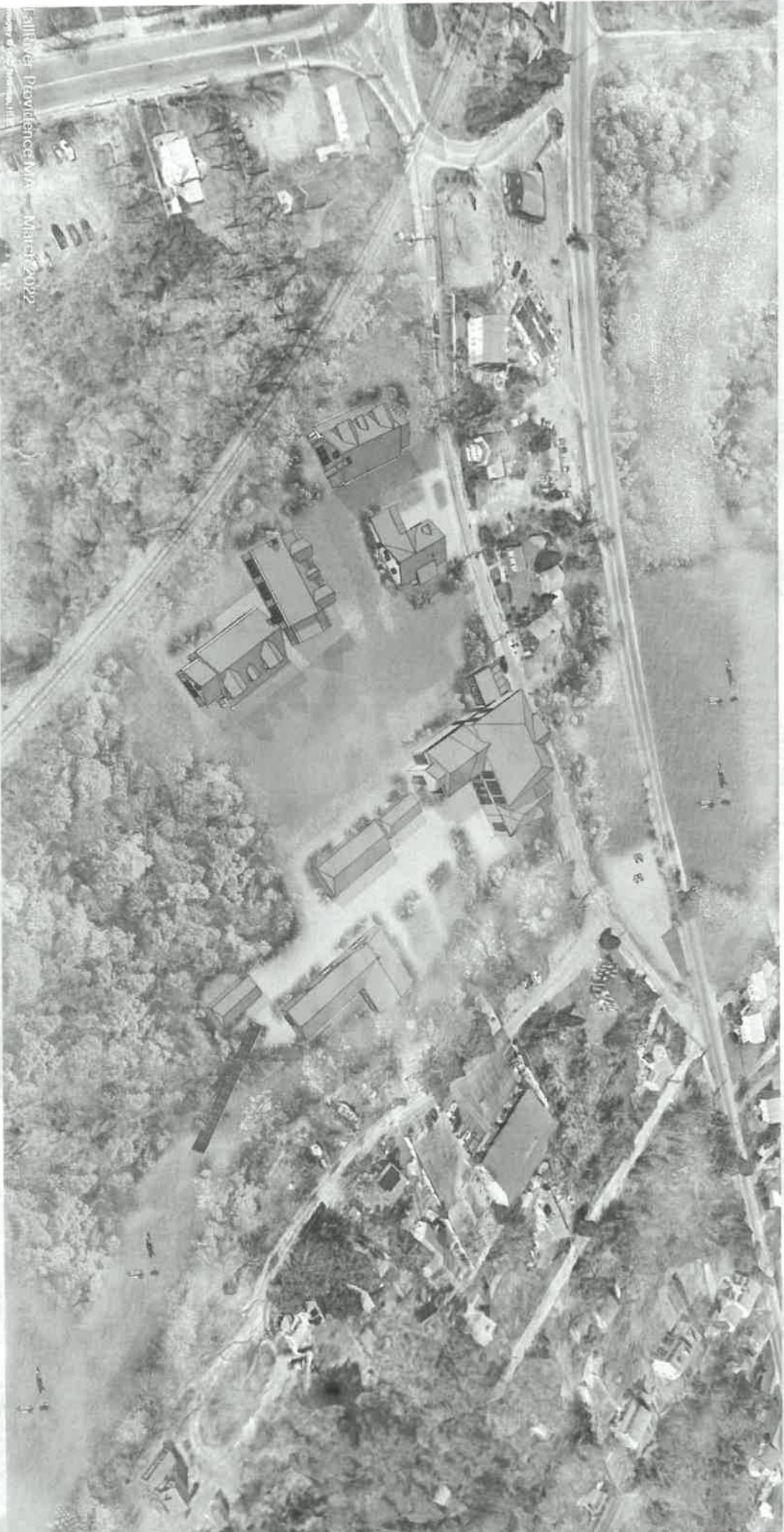
Recreation/Access Upstream: Flat water kayaking upstream of dam; limited to no trails; dam reach is not passable by kayak

Recreation/Access Downstream: Flat water kayaking downstream of dam

Structural Impact: Minimal impact to bridges; only scour countermeasures required

Cost: Least expensive due to minimal bridge work





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FUSS & O'NEILL

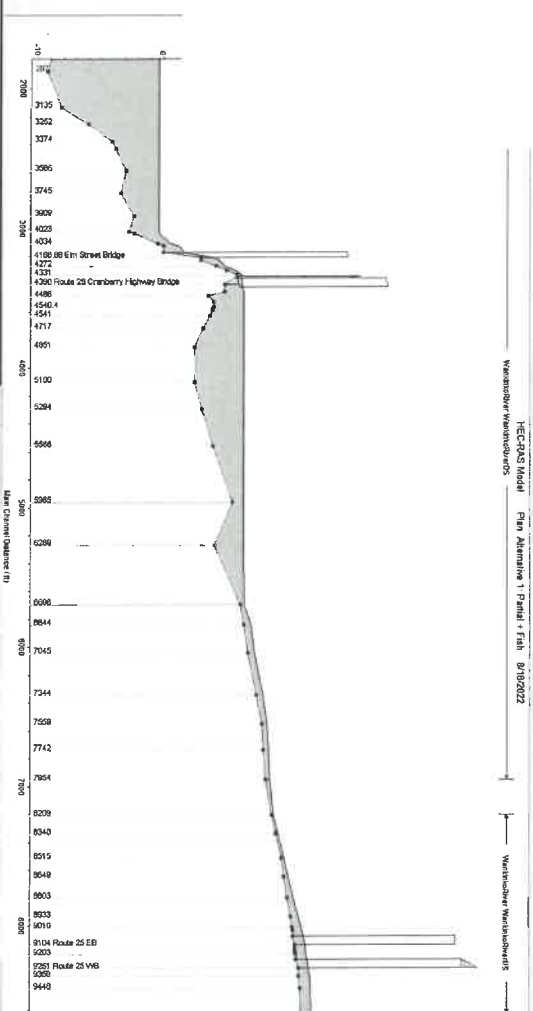
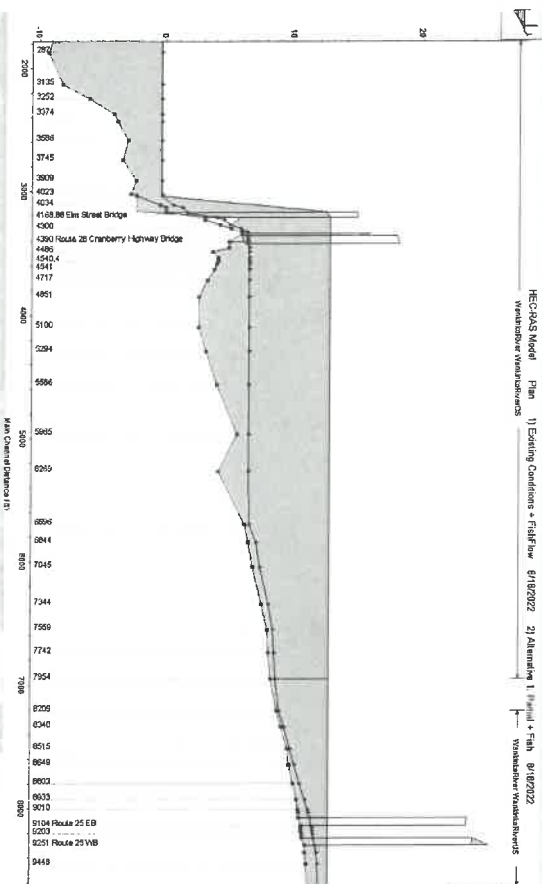
Parker Mills Pond Dam Alternatives Assessment – Wankinco River – Wareham, MA

September 15, 2022

Partial Vertical Removal (Nature-Like Fishway)



Partial Vertical Removal (Nature-Like Fishway)



Analysis	Channel Velocity	Avg. Velocity	Flow Depth	Avg. Flow Depth
Existing Fish Passage Flow	0.01-2.81	0.42	0.09-10.12	3.31
Alternative 1 Fish Passage Flow	0.01-4.02	0.79	0.11-8.96	1.67
Existing 2-Year Flow	0.04-2.74	0.4	1.95-12.16	7.39
Alternative 1 2-Year Flow	0.07-6.66	1.16	1.06-8.98	3.87
Existing 100-Year Flow	0.07-4.77	0.81	1.92-14.21	8.58
Alternative 1 100-Year Flow	0.18-9.08	1.71	1.92-9.06	4.44

Full Vertical Removal ("Full Dam Removal")



Full Vertical Removal ("Full Dam Removal")

Riverine Function: Provides maximum riverine function; requires management of 5,000 to 10,000 cubic yards of sediment; cold-water upstream fisheries (trout)

Aesthetics: Stream at dam and upstream

Flooding: Maximum reduction to flooding at Elm Street and seepage through Elm Street

Recreation/Access Upstream: fishing/trails/hiking upstream of dam; passable by kayak under Elm Street

Recreation/Access Downstream: Flat water kayaking d/s of dam


Structural Impact: Maximum impact to bridges; requires replacement of Route 28, Route 25 over Harlow Brook, and Tihonet Road crossing

Cost: Most expensive due to bridge work and sediment management





Fall River, Providence, MA — March 2022
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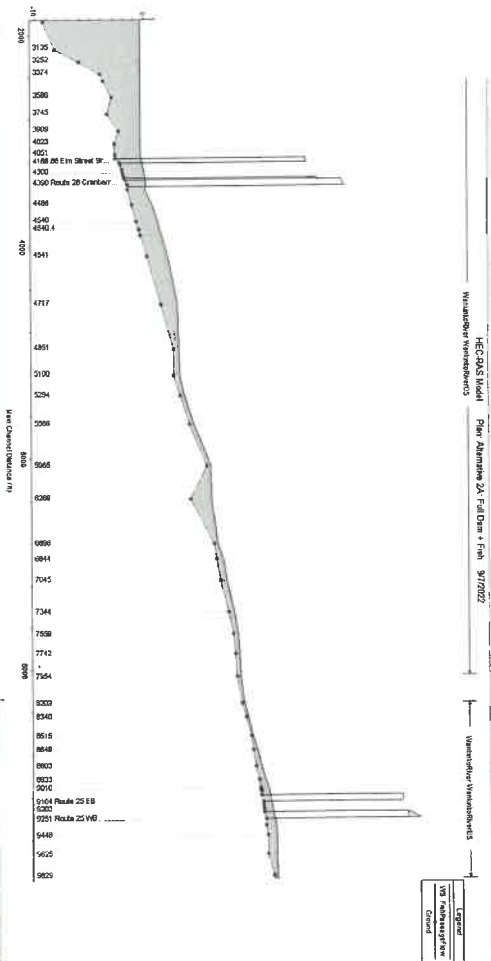
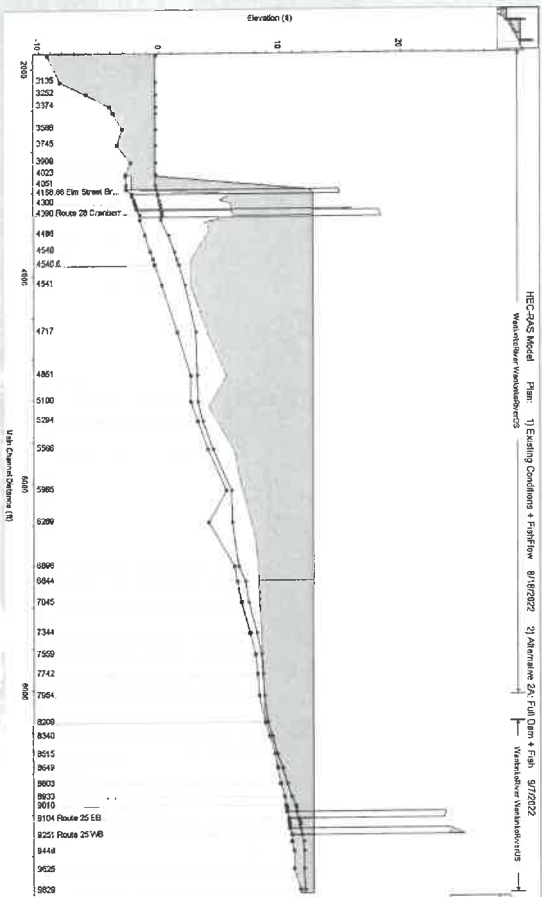
Parker Mills Pond Dam Alternatives Assessment – Wankinco River – Wareham, MA

September 15, 2022

Full Vertical Removal ("Full Dam Removal")



Full Vertical Removal ("Full Dam Removal")



Analysis	Channel Velocity	Avg. Velocity	Flow Depth	Avg. Flow Depth
Existing Fish Passage Flow	0.01-2.81	0.42	0.09-10.12	3.31
Alternative 2 Fish Passage Flow	0.01-2.81	0.84	0.11-8.96	1.57
Existing 2-Year Flow	0.04-2.74	0.4	1.95-12.16	7.39
Alternative 2 2-Year Flow	0.07-7.58	1.45	0.83-8.98	3.9
Existing 100-Year Flow	0.07-4.77	0.81	1.92-14.21	8.58
Alternative 2 100-Year Flow	0.18-14.26	2.11	1.19-9.06	4.68

Attachment to 9-27-22
meeting minutes

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☰ HIDE TRANSCRIPT

Our Mary Saladna reports from Plymouth where the stakes are high. ***PKG***

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Southeastern Massachusetts residents protest plan to dispose of nuclear wastewater

Updated: 11:19 PM EDT Sep 26, 2022

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Mary Saladna  

Anchor/Reporter

PLYMOUTH, Mass. — People who live in southeastern Massachusetts are vowing to block a proposal that they insist would be illegal and hazardous: to dump up to 1.1 million gallons of radioactive wastewater that is left over from Plymouth's Pilgrim Nuclear Power Station into Cape Cod Bay.

A rally was held on the Plymouth Town Hall Green Monday evening before people voiced their concerns during a meeting of the Nuclear Decommissioning Citizens Advisory Panel.



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"At the end of the day, Cape Cod Bay is an established ocean sanctuary," said Leslie Danielson, of Save Our Bay.

"That fact in and of itself says they're violating the Massachusetts Ocean Sanctuaries Act that explicitly prohibits discharge of any commercial or industrial waste," said Jim Lampert, an attorney and member of the public interest group Pilgrim Watch.

Residents of the South Shore and Cape Cod argue that dumping processed radioactive water will severely harm the seafood industry, tourism, property values and public health.

"My little brother and I should be able to swim without worrying that stuff dumped in our ocean could hurt us or kill us," said 11-year-old Timothy Bennett Jr.





Hearst Owned

The site of the former Pilgrim Nuclear Power Station in Plymouth, Massachusetts.

Holtec, the company overseeing the decommissioning of the Pilgrim Nuclear Power Station, has not yet ruled out the discharging the wastewater into Cape Cod Bay.

During Monday's meeting, Holtec representatives did agree to perform split-sample testing, which allows the company and an independent laboratory to conduct safety samples on the water first.

Some people, however, argued that the dumping proposal is flat-out illegal.

"If it is, in fact, illegal, we will not discharge the water," said David Noyes, Holtec's senior compliance manager. "If it is determined to be illegal, we will not discharge the water."

Those who oppose the plan are hoping Massachusetts Attorney General Maura Healey, who is currently running for governor, will eventually intervene.

"She has the absolute power to do this," said Mark E. DeCristoforo, executive director of the Massachusetts Seafood Collaborative. "She has the absolute power to enforce the laws that Holtec agreed that they would follow when they signed the settlement agreement."



Hundreds rally in Plymouth to prevent nuclear wastewater dumping into Cape Cod Bay

The Pilgrim Nuclear Power Station permanently ceased power generation operations on May 31, 2019.

Three members of the Massachusetts congressional delegation — Sen. Elizabeth Warren, Sen. Ed Markey and Rep. William Keating — have vowed to hold Holtec accountable.

Editorial note

NewsCenter 5 contacted Healey's office for comment, but did not receive an email reply until after Mary Saladna's report aired. That email contained the following statement from a spokesperson for the attorney general:

"Our office will do everything possible to hold Holtec accountable and ensure public health and safety throughout this decommissioning process. We are prepared to take action to halt any violations of state and federal water discharge permits."

In 2020, the Attorney General's Office reached [a settlement agreement](#) with Holtec to remedy shortcomings in the Nuclear Regulatory Committee's regulatory scheme and to ensure compliance with Massachusetts laws. The agreement secures environmental, public safety and financial protections for residents during the decommissioning of the Pilgrim Nuclear Power Station. The settlement agreement also includes compliance measures stricter than federal requirements.

In addition, Pilgrim's Clean Water Act permits prohibit the discharge of polluted spent-fuel pool water and wastewater generated by the decommissioning process into Cape Cod Bay.

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