

Office of the Mayor

One JFK Memorial Drive
Braintree, Massachusetts 02184

Joseph C. Sullivan
Mayor

781-794-8100

May 22, 2015

Larry Oliver
Chief, Ecosystem Restoration Project Section
New England District U.S. Army Corps of Engineers
696 Virginia Road
Concord, Massachusetts 01742-2751

RE: Fore River Watershed Restoration

Dear Mr. Oliver:

I would like to inform you of the status of our cooperative efforts on natural resource restoration in the Fore River watershed. The Town of Braintree has joined the Fore River Watershed Association, Messina Enterprises, and the Massachusetts Division of Marine Fisheries to promote the common goal of aligning improvements to the region's municipal water supply and floodplain infrastructure and with migratory fish restoration in the watershed. A successful project will restore diadromous fish runs of river herring and American eel to the high quality habitat of the 180 acre Great Pond Reservoir, in compatibility with long-term water supply and floodplain management needs. We understand that our project was recently reviewed and came close to receiving funding under Army Corps' restoration funding programs. We would like to encourage your continued consideration for future support by the Army Corps.

The project is a unique collaboration of governmental, private and local advocacy interests. The project formally started in 2009 with a feasibility study on the potential to restore river herring in the watershed

(http://www.mass.gov/dfwele/dmf/publications/fore_river_feasibility.pdf). The study demonstrated that river herring restoration was feasible with fish passage improvements at four locations and cooperative water supply management during river herring migration periods. Support for the study's recommendations on watershed restoration was received from the Town of Braintree, Tri-Town Water Board (Randolph, Holbrook and Braintree) and Messina Enterprises, the property owner of two of the existing fish passage impediments.

Since that time, the partnership has devoted considerable energy seeking funding to advance components of the project. Proposals were unsuccessfully submitted to several large funding solicitations during 2010-2013. During this time, the Division of Marine Fisheries funded scoping designs for fish ladders at the Armstrong Dam and Great Pond Reservoir, and an

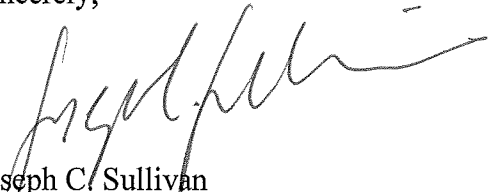
instrumental decision was made by Messina Enterprises to pursue, with substantial private matching funding, the full dam removal of two passage impediments on their property.

In 2014 an award of \$39,231 was received from the US Fish and Wildlife Service to continue design work on the Armstrong Dam removal. This will be combined with \$19,000 from the Division of Marine Fisheries to advance fish passage improvements designs at the Messina Enterprises property in 2015.

The favorable news continued in 2014 with the competitive award to rehabilitate the Great Pond Reservoir Dam from the MA Department of Conservation and Recreation. This award provides the Tri-Town Board \$185,329 in grant funds and an \$814,671 loan to rehabilitate this essential control structure for the water supply of the three towns while including a new fish ladder at the dam.

The concept of restoring sea-run fish migrations in a large urban watershed that also serves as a valuable water supply is going to face hurdles and will take time to gain focus and garner support. With these awards in 2014, we believe that we are moving beyond a status of potential restoration and towards an exceptional opportunity to restore natural functions in this important watershed while making long-term, fundamental improvements to our water supply and flood plain management. We hope these goals are compatible with Army Corps program interests and ask that you keep this project in mind as you consider candidates for restoration in the region.

Sincerely,



Joseph C. Sullivan
Mayor

cc:

Congressman Stephen Lynch

State Senator Brian Joyce

State Senator John Keenan

State Representative Mark Cusack

Commissioner George Peterson, Jr., Mass. Department of Fish and Game

Carl Pawlowski, Fore River Watershed Association

Kelly Phelan, Town of Braintree

Mike Armstrong, Dan McKiernan, Greg Skomal, Brad Chase, Mass. Division of Marine Fisheries

Robert St. John and Ron Marshall, Messina Enterprises



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DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD MA 01742-2751

CENAE-EP-PN

30 November 2015

MEMORANDUM FOR Commander, U.S. Army Corps of Engineers, North Atlantic Division, (ATTN: Mr. Paul Sabalis), Wainwright Drive, Bldg 130, Brooklyn, NY 11252-6700

SUBJECT: Continuing Authorities Federal Interest Determination, Section 1135 Project Modifications to Improve the Environment, Smelt Brook Aquatic Ecosystem Restoration Weymouth and Braintree, Massachusetts.

1. Enclosed is the Federal Interest Determination (FID) (4 copies) for the Smelt Brook Aquatic Ecosystem Restoration, Weymouth and Braintree, MA for your review and approval. Upon completion of your review and incorporation of any comments and revisions, the report will be provided to the Sponsor for their information.
2. For the purpose of this FID, NAE evaluated the applicability of the Section 1135 authority to restore a degraded river for fish passage at the Smelt Brook Local Protection Project (LPP) constructed in the mid-1970s. The FID demonstrated that physical alteration of Smelt Brook associated with the flood control LPP impedes anadromous fish passage. In addition to Smelt Brook, the Massachusetts Division of Marine Fisheries identified restoration opportunities in the larger Monaquot River-Frontal Quincy Bay watershed and requested the Corps assistance as part of the Smelt Brook Feasibility Study. We recommend continuing with the Feasibility Study at Smelt Brook and the Monaquot watershed under the Section 1135 program. The Towns of Weymouth and Braintree (Weymouth- Braintree Recreation-Conservation District), non-Federal sponsor, is aware of the cost sharing requirements under this authority. The total Federal project costs are not expected to exceed the \$10 million Section 1135 statutory limit.
3. The New England District has completed a District Quality Control review of the subject FID in accordance with EC 1165-2-209.
4. If you have any questions or require additional information, please contact the Project Manager, Ms. Wendy Gendron (978) 318-8603.

FOR THE COMMANDER:

A handwritten signature in black ink, appearing to read "Scott E. Acone", is positioned above the printed name.

SCOTT E. ACONE, P.E.
Chief, Engineering/Planning Division

Enclosures

Weymouth-Braintree Regional Recreation-Conservation District

470 Liberty Street / Braintree, MA / 02184 / Tel/Fax: (781) 843-7663



MASSACHUSETTS

Mr. John Kennelly
Department of The Army
New England District, Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751

September 21, 2010

Dear Mr. Kennelly,

We are writing to ask your help in removing the perched culvert near Brookside Road, Braintree that was installed as part of the flood control project. This portion of the Fore River is (arguably) the state's top Smelt producing environment. In communications Mr. John R. Kennelly, Chief of Planning had with Mr. James D. Dawson, of the Weymouth-Braintree Regional Recreation-Conservation District dated December 12, 2003, the scope of work discussed was restoration. This letter is a specific request to consider the perched culvert.

We have contacted the abutters and obtained their approval in writing for such an improvement to be done on or near their property should everything fall in place.

We have reviewed your original document, 'Smelt Brook Flood Control Weymouth-Braintree Local Protection Project Pond Meadow Lake & Smelt Brook Massachusetts Detailed Project Report (Advance Draft)' dated October 1972. In it, particularly plates 6 and 7, and appendix C, pages C-4 and C-5, we find no mention of the perched culvert or of a stilling basin that would prevent fish passage.

At a minimum, we feel the noticeable drop in the local fishery could only be improved if the perched culvert was removed and fish passage was allowed.

We would like to proceed based on removing the arched pipe entirely leaving the stream open – very close to your original design, except with a larger carrying capacity.

An engineer has suggested removing the arched pipe entirely, matching the elevation around station 16 + 50 (approximately) and grading up to 18 + 50 (approximately).

His 'back of the envelope' estimate was about 3,000 cubic yards of six inch stone, at \$20. / yard and about \$20,000 to place that. He figured about another \$12,000 in labor to make about \$92,000 for a total construction cost of somewhere around \$150,000 if we need to hire someone to do it.

Can you help us with Engineering and Construction costs? If not, can you at least help us get your approval (basically, for YOUR original design) for a plan that the towns and we in the park can execute?

Board of Commissioners

Robert McConnell, Chairman

David Proud, Treasurer

James Lockhead, Clerk

James Dawson

Barbara Hurley

Richard McCulley

John Keveaney

Please contact our agent Mike Richardi, 683 Summer Street, Weymouth, MA 02188 regarding this matter. He can be reached at 781-331-7113 or by email at MDRichardi@Juno.com .

Sincerely,

The Board of Commissioners, Weymouth-Braintree Regional Recreation-Conservation District

February 25, 2005

Oliver/emm/347

Engineering/Planning Division
Planning Branch

Mr. James D. Dawson, Chairman
Weymouth-Braintree Regional Recreation-Conservation District
470 Liberty Street
Braintree, Massachusetts 02184

Dear Mr. Dawson:

I am writing to inform you that we will not be able to begin work on the Preliminary Restoration Plan (PRP) for the Smelt Brook project this year.

The project would be conducted under the authority of Section 1135 of the Water Resources Development Act of 1986. The authorization enacted by Congress set an annual appropriation limit for this program of \$25,000,000. National funding requirements within the Program for Project Modifications to Improve the Environment have exceeded this threshold, requiring us to stop work on many projects being conducted under this authority within the New England District. All Districts throughout the United States have had to make similar reductions in their programs. Funding in the program is sufficient only for ongoing construction projects and projects specifically listed in the Energy and Water Appropriations Act.

I sincerely regret the delay in initiating this important ecological restoration project and any problems this funding challenge has created for the Weymouth-Braintree Regional Recreation-Conservation District. Please understand that this change in funding status was beyond the control of the New England District and that we will do everything we can to begin the project as soon as possible. We will contact you as soon as we learn of any improvement in the funding situation.

If you have any questions about the information contained in this letter or the program, please feel free to contact me at (978) 318-8505, or Mr. Larry Oliver of our Project Planning Section, at (978) 318-8347.

Sincerely,

John R. Kennelly
Chief of Planning

CF:
/Oliver
Reading File

LC
C/EP-PP
C/EP-R

Oliver

Oliver/jed/347

April 5, 2006

Engineering/Planning Division
Planning Branch

Mr. James D. Dawson, Chairman
Weymouth-Braintree Regional Recreation-Conservation District
470 Liberty Street
Braintree, Massachusetts 02184

Dear Mr. Dawson:

I am writing to inform you that we will not be able to begin work on the Preliminary Restoration Plan (PRP) for the Smelt Brook project this year. The project would be conducted under the authority of Section 1135 of the Water Resources Development Act of 1986.

Similar to last year, national funding requirements within the Program for Project Modifications to Improve the Environment have exceeded the congressionally established limit of \$25,000,000. Once again, funding in the program is sufficient only for ongoing construction projects and projects specifically listed in the Energy and Water Appropriations Act.

I sincerely regret the delay in initiating this ecological restoration project and any problems this funding challenge has created for the town. We will do everything we can to reinitiate the project as soon as possible and will contact you as soon as we learn of any improvement in the funding situation.

If you have any questions about the information contained in this letter or the program, please feel free to contact me at (978) 318-8505, or Mr. Larry Oliver of our Project Planning Section, at (978) 318-8347.

Sincerely,

John R. Kennelly
Chief of Planning



Paul J. Diodati
Director

Commonwealth of Massachusetts

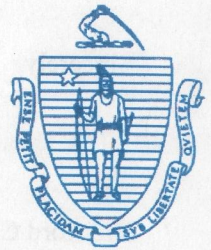
Division of Marine Fisheries

1213 Purchase St, 3rd Floor

New Bedford, MA 02740

(508) 990.2860

Fax (508) 990.0449



Deval Patrick
Governor

Ian A. Bowles
Secretary

Mary B. Griffin
Commissioner

June 3, 2010

John R. Kennelly, III
Chief, Planning Branch
US Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA 01742-2751

Re: Diadromous Fish Restoration in the Weymouth-Fore River, Massachusetts.

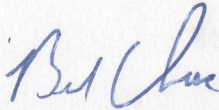
Dear John:

The Massachusetts Division of Marine Fisheries (*Marine Fisheries*) would like to express our continued interest in investigating diadromous fish restoration options in the Weymouth-Fore River watershed through existing programs and authorities of the US Army Corps of Engineers. In 2004, we sent a joint letter with the Weymouth-Braintree Regional Recreational Conservation Commission requesting Corps assistance to investigate fish passage improvements in the Smelt Brook tributary through Section 1135 and river herring restoration in the main stem Weymouth-Fore River through Section 206. It is our understanding that there is potential now to consider new projects under these authorities after several years of limited federal funding for new projects. We continue to view this watershed as a high priority for diadromous fish restoration in the Boston Harbor region, and want to highlight the potential for Great Pond Reservoir to provide 180 acres of river herring spawning and nursery habitat.

Since 2004, we have worked with local authorities to gain support for fish passage restoration in the watershed. In 2008 we contracted the engineering firm, Gomez and Sullivan, to conduct a feasibility study on restoring river herring to the Weymouth-Fore River. This study is complete and available at our web site (<http://www.mass.gov/dfwele/dmf/publications/informational.htm>). The study results demonstrate suitable structural and hydrologic feasibility to warrant further investigations. We have presently contracted the US Fish and Wildlife Service to produce scoping designs for two of the four locations that would require fish passage improvements in the Weymouth-Fore River. The study also prompted letters of support for the restoration project from the City of Braintree and Tri-Town Water Board that has water supply rights in the Great Pond Reservoir. This summer we are conducting a second season of water quality assessment in Great Pond Reservoir to confirm the suitability for river herring habitat. All these efforts can contribute to a focused approach for evaluating the most beneficial and efficient restoration strategy.

Marine Fisheries encourages you to consider the application of this ongoing restoration effort to Corps authorities in the New England District. We expect there to be suitable cost-sharing opportunities between the active local partnership already in place and the Commonwealth of Massachusetts. Please contact me at 508-990-2860 x118 for more information and to discuss this exciting restoration opportunity.

Sincerely,



Bradford C. Chase
Marine Fisheries Biologist
brad.chase@state.ma.us

Cc:

Joseph McKeon, US Fish and Wildlife Service
Michael Armstrong and Phillips Brady, *Marine Fisheries*
Mayor Joseph, C. Sullivan, Town of Braintree
Tri-Town Water Board (Braintree, Randolph and Holbrook).
Mark Cusack, and Kelly Phelan, Town of Braintree
Carl Pawlowski, Fore River Watershed Association
Michael Richardi, Weymouth-Braintree Regional Rec. Conservation Commission
Robert St. John, Frank X. Messina Enterprises, Braintree

Colonel Thomas L. Koning
District Engineer
U.S. Army Corps of Engineers, New England
696 Virginia Road
Concord, Massachusetts, 01742

July 23, 2003

Re: Smelt Brook Restoration

Dear Colonel Koning:

Recent discussions with members of your staff have identified a potential for Environmental Restoration of the Smelt Brook fish run. This fish run is part of Smelt Brook local protection project located in the towns of Weymouth and Braintree, MA. We have discussed a preliminary Restoration Plan, which describes a possible restoration scenario and identifies the scope, feasibility and cost of the proposed.

It is our intent to request that the Corps to initiate this project under Section of the 1986 Water Resource Development Act, as amended. We request the Corps begin an investigation identifying feasible project modifications that would allow proposed environmental improvement for resource enhancement (marine life) that is compatible with an urban setting.

I understand that the study will investigate alternative modifications to the existing project that will result in identification of a selected plan. I recognize our obligation as local sponsor under the Section 1135 Program, including the cost-sharing requirement of twenty-five (25) percent of the proposed project cost, including studies. I also understand that the District share of project costs could possibly be in kind materials, use of District and town owned equipment, and/or services.

We intend to pursue budgetary actions so that our cost sharing arrangements and funds are in place by the time Corps advertises for the project construction.

The District has designated District Chairperson James Dawson and Park Supervisor Sean Cleaves at 781-843-7663 as points of contact for the project.

Sincerely,

James D. Dawson
Chairman, WBRRCD



DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD MA 01742-2751

CENAE-PD

13 May 2022

MEMORANDUM FOR RECORD

SUBJECT: Smelt Brook Ecosystem Restoration Feasibility Study, Weymouth and Braintree (Massachusetts) MSC Decision meeting on 22 April 2022

1. Meeting minutes and notes from the MSC Decision meeting held on 22 April 2022 are listed below. Presentation and responses to questions delivered by Jordan Macy NAE unless otherwise specified.

Attendees:

- NAD: Chris Ricciardi, Hank Gruber, Nancy Bethurem, Young Kim, Rena Weichenberg, Scott Michalak, Douglas Stamper, Naomi Altschul
- NAE: Jordan Macy, Molly McCabe, John Kennelly, Byron Rupp, Kevin Foster, Patrick Blumeris, Larry Oliver, Jay Mackay, Dan Jalpert
- Non-Federal Sponsor: Brion Keefe, Mary Ellen Schloss, Andrew Hutlin

Presentation Highlights:

- Smelt Brook Local Protection Project (LPP) was constructed by USACE in 1976 in Weymouth and Braintree Massachusetts in response to numerous flooding events in the 1950s/1960s.
- CAP section 1135 Authority Feasibility Study, FONSI expected.
- Purpose: Restore fish passage (Rainbow smelt) to Smelt Brook by modifying existing FRM structure that was created with the construction of the LPP.
- Problem: Rainbow smelt cannot access historic reproductive habitat. Construction of the LPP channel improvements included an 8-ft diameter culvert that discharges into a Plunge Pool/ Stilling Basin. This FRM feature obstructs migratory fish passage to historical reproductive spawning habitat.
- Opportunity: Reconnect fish passage to upper area of the Smelt Brook Local Protection Project at Pond Meadow Lake Dam and provide access to an additional mile of historic reproductive spawning habitat.

CENAE-PD

SUBJECT: Smelt Brook Ecosystem Restoration Feasibility Study, Weymouth and Braintree (Massachusetts) MSC Decision meeting on 22 April 2022

- Objective: Restore upstream and downstream passage in Smelt Brook tributary and provide access to historic reproductive habitat for Rainbow smelt.
- Constraints and Considerations:
 - Potential modifications to existing structure are spatially limited to Smelt Brook LPP.
 - Selected alternative must not impair or substantially change the purpose or function of the Smelt Brook LPP.
 - Selected alternative must not interfere with ongoing LPP OMRRR obligations.
- Formulation of Alternatives focused on Rainbow smelt as species of concern in FRM structure.
- Although Rainbow smelt are the target species, several other species would benefit from the proposed modification
- Rainbow smelt passage is limited to stream velocities on average < 1.2 m/s and 1% grade, and the species are known to be weak swimmers.
- Six alternatives were evaluated, but only one alternative avoided the constraints and meets planning objectives. Therefore CE/ICA was not performed due to only a single alternative in the final array.
- Total project cost estimated at \$1,243,000.
 - Estimated D&I First Cost: \$821,000.
 - Construction Cost - \$584,000.
 - Design Cost - \$237,000.
 - Estimated Feasibility Study Cost - \$422,000.
- Real Estate Easements are owned by the NFS, and Town of Braintree owns area for TWAE for access.
- Abundance of stakeholder interest and support for fish passage in the area.
 - Massworks Infrastructure Program funded \$604,000 in 2018 for cooperative projects to improve fish passage in Weymouth Landing.
 - State has conditionally agreed to facilitate passage into Pond Meadow Lake if this project moves forward.
 - There is an existing 1135 new start underway for fish passage in Hayward Creek in Braintree and Quincy.

CENAE-PD

SUBJECT: Smelt Brook Ecosystem Restoration Feasibility Study, Weymouth and Braintree (Massachusetts) MSC Decision meeting on 22 April 2022

Anticipated Schedule:

Task	Start Date	End Date
Complete Draft DPR	22-Apr-2022	15-Jul-2022
DQC	15-Jul-2022	15-Aug-2022
ATR & NAD Policy Review	15-Aug-2022	15-Oct-2022
Approval of Feasibility Study	15-Oct-2022	10-Dec-2022
Execute PPA for D&I		10-Jul-2023

Questions from Decision Maker:

- Hank Gruber: Is this a Federal / Army Corps project which was built in 1976?
 - Yes.
- Hank Gruber: Is this action a legal requirement of any other government agency?
 - No.
- Hank Gruber: Is the LPP the most downstream obstruction for fish passage?
 - Yes.
- Hank Gruber: There is a question of Real Estate easement (Carlos Gonzalez not present).
 - (Molly McCabe) – NAE needs to follow up with NAD and expects to do so in the next 30 days. Update below.

Open Questions from NAD:

- Scott Michalak: Will the Culvert also be replaced seeing how it is 1970s vintage Bituminous Corrugated Metal Pipe and in a minimally acceptable condition and has some deterioration along the bottom flow line of the culvert as is typical for BCCMP?
 - (John Kennelly) That is an issue between the sponsor and the district's levee safety team. I believe they are taking about what actions are needed. That is not being addressed in the 1135 report.
- Rena Weichenberg: what is the carrying capacity of the 0.75 acres of reproductive habitat?
 - (Kevin Foster) Being able to pass fish upstream of the 8-ft culvert will restore 100% of the historic spawning habitat area.

- Rena Weichenberg: Why did the Smelt start to decline before our project was built, and are they still there?
 - (Kevin Foster) First, overfishing impacted species abundance, and then construction of dams throughout the area created numerous obstructions to spawning habitat. NMFS indicates Rainbow smelt are still in the area, which is typical for New England area.
- Rena Weichenberg: Will fishing be restricted once this is completed?
 - We have not discussed that with the sponsor yet. (Kevin Foster) – no historical evidence of fishing in the area, but it is an easily accessible area and can be used for educational purposes more than fishing.
- Rena Weichenberg: Is Daylighting required for this upstream spawning to occur?
 - No.
- Is the LPP the impediment to getting upstream?
 - Yes. The four-foot drop is too much for most fish, except for the American eel.
- Will fishing be restricted once this is completed?
 - We have not discussed that.
- Slide 17 indicates many other efforts are being employed. Do any of these have to happen before this project could work?
 - No. The proposed alternative is a standalone effort. This project will help the others existing projects to move forward.
- What are the views of the Non-Federal Sponsor?
 - (Brion Keefe) We support the project and will continue to be the sponsor for the next phase of the project. This project will help more than just Rainbow smelt.
- Young Kim: FCSA was signed in August 2019, why did it take so long?
 - Several project managers and team member turnovers, and it took a while to identify an alternative that could work with hydraulic issues.
 - (John Kennelly) this was not a simple project. There was extensive coordination with the Levee Safety folks to ensure that nothing we proposed would affect anything. There was a lot of coordination with other agencies and city and state officials.
- Young Kim: On slide 16, is the fish ladder to scale?
 - No, it is only a representation.

CENAE-PD

SUBJECT: Smelt Brook Ecosystem Restoration Feasibility Study, Weymouth and Braintree (Massachusetts) MSC Decision meeting on 22 April 2022

- Rena Weichenberg: Good presentation. Regarding Rainbow smelt, there is not a large area, how big of a population are we talking about?
 - (Kevin Foster) From the 2001 and 2006 report is the closest existing conditions. From the state's perspective they estimate 100% recovery based on the project occurring.
- Rena Weichenberg: Sounds like this will give the fish access to "all of the area" not just the immediate ladder area.
 - (Kevin Foster) Yes.
- Rena Weichenberg: The coordination with the other groups is all "above and beyond" the stated objectives – benefits are well beyond the Rainbow Smelt
 - (Kevin Foster) Yes, this project is going to make lots of groups happy and give them the ability to do additional work
- Rena Weichenberg: This is the first fish ladder built in MA – is there an adaptive management plan in case changes are needed? Make sure this is discussed in the report.
 - (Kevin Foster) Yes, monitoring during the first year or two will help to guide that.
 - (John Kennelly) We'll take advantage of the maximum time allowed for monitoring.
- Naomi (Econ): No questions – but it sounds like there may be more benefits than being shown in this presentation.
- Rena Weichenberg: The benefits far exceed just restoring smelt fish habitat - 0.75 acres – perhaps it is much more?
- Nancye (Counsel): No questions.
- Scott Michalak: There should be a 33 USC 408 acceptance of the downstream modifications to the original project at Weymouth Landing, but I believe it is outside of the original project limits and the only modification to the original project was the gate to allow flow through the bypass channel that was constructed. Please confirm.
- Scott Michalak (chat box): Cautionary Advisement: If there is a modification to the Dam itself there will be a required 33 USC 408 action that would need to be run through the Levee Safety Program at NAE.

CENAE-PD

SUBJECT: Smelt Brook Ecosystem Restoration Feasibility Study, Weymouth and Braintree (Massachusetts) MSC Decision meeting on 22 April 2022

Schedule Question:

- Why is it going to take 6 months to release the draft report?
 - John Kennelly – We will review the schedule with the PDT, the schedule may be overly conservative.

Take Aways:

- Hank Gruber – Conditional approval assuming successful resolution of the real estate question.
 - 12-May-2022 Update: NAE Office of Counsel has provided the legal opinion that the NFS is vested with sufficient title and interest to execute the Authorization for Entry for Construction. The PDT is anticipating concurrence from Town of Braintree Solicitor's office obviating the need to pursue HQ approval of non-standard estate.

John R. Kennelly
Chief, Planning Division



DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD MA 01742-2751

CENAE-PD

26 October 2021

MEMORANDUM FOR RECORD

THRU: Mr. Alex Garneau, Mechanical Engineer, CENAE-EDW, Concord, MA 01742

FOR: Mr. Kevin DiRocco, Levee Safety Program Manager, CENAE-EDW, Concord, MA 01742

SUBJECT: Section 1135 Modifications to Smelt Brook Local Protection Project – In Progress Review (IPR) – Memorandum for the Record

1. An In-Progress Review call was held on the subject study on 25 October 2021 from 1000 to 1100 to discuss the Tentatively Selected Plan (TSP) and establish concurrence from Levee Safety Program. The following persons participated:

NAE

Kristine Reed
Jordan Macy
Patrick Blumeris

Kevin DiRocco
Alex Garneau

2. Jordan Macy began the IPR with a summary of where we are at in the feasibility study with the design for the Preferred Alternative (#2) and the Hydrology and Hydraulics review, which were provided to the meeting participants in advance of the meeting as Read-Ahead Material. Mr. Blumeris and Ms. Reed assisted with discussion of Hydrology and Hydraulic analysis of the Preferred Alternative (#2), satisfaction of design flow, energy dissipation, O&M concerns, nature of CAP section 1135 modification projects, and sedimentation issues.

3. Mr. Blumeris anticipates the accumulation of sedimentation will not impact the hydraulics, O&M will solve sedimentation issues, and there could be a review of the Manning n.

4. Mr. DiRocco is providing conditional concurrence on the selected alternative plan #2 that it does not alter the Local Protection Project pending any design changes or comments that arise from the review process.

Prepared and Submitted by:

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