

Memorandum

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Date: March 31, 2013

To: Heidi Davis – MassDEP, Brad Chase- DMF - Thomas Russo

CC: Frank Tramontozzi-COQ, Rob Stevens-COQ, David Mariano-FST, Tom Russo-FST, Dean Groves

From: Paul Bergquist - Environmental Monitor

Subject: Town Brook Enhancement Project - Quincy – Site Visit 3.29.13

A site visit was conducted on Friday, March 29, 2013 to review the status of construction and coordinate water quality and smelt egg monitoring. As a note URS and Lucus Environmental personal have had two meetings with Brad Chase DMF on Wednesday 3/20 and Tuesday 3/26 to identify transect locations and monitoring protocols. The following observations are noted:

1. Park Area, Station 24+50 to 23+00 Terraced vegetative plating area is under construction. Town Brook flow is above the channel planting area. Picture 10-1 shows resting pool at Sta 23+50 with terraced planting area to left.



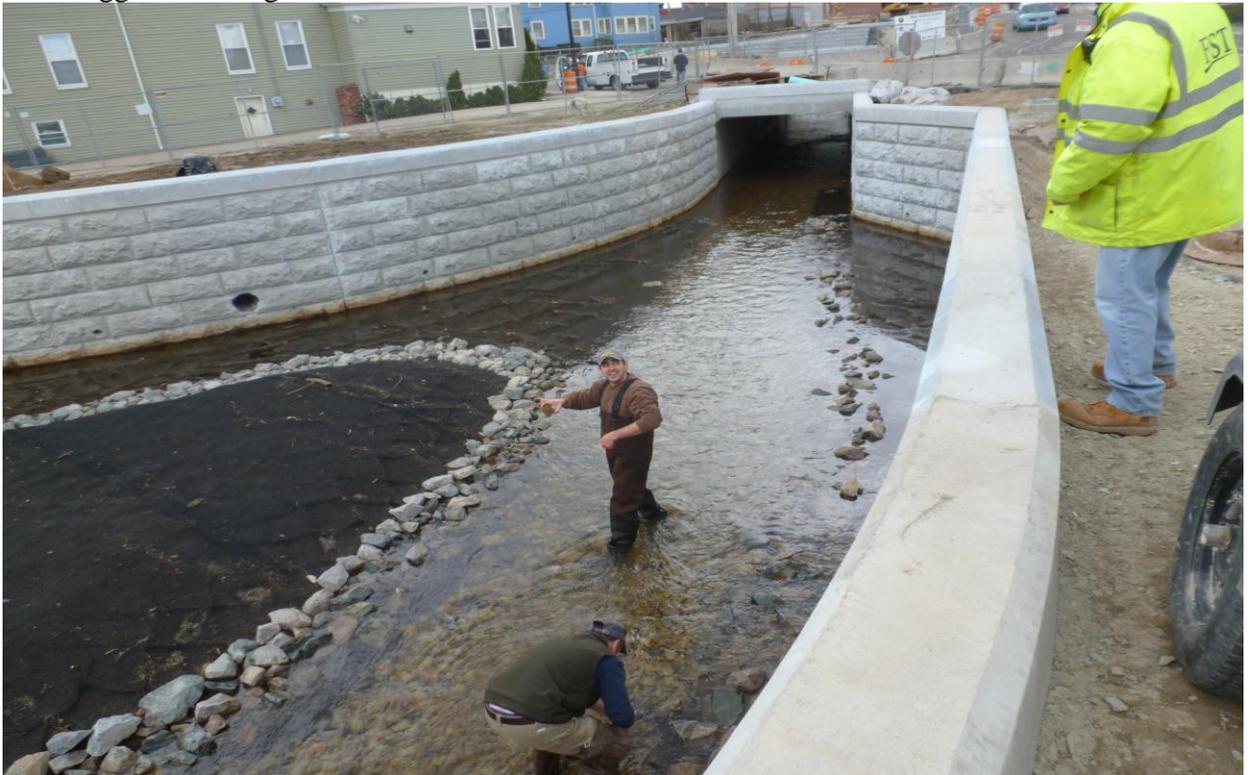
Picture 10-1 – Resting Pool Station 23+50

2. Smelt egg monitoring has commenced at Transect 1 (+/- Sta 23+00). Lucas Environmental is proposed to conduct smelt egg monitoring. It is noted that smelt eggs were observed at transects 1,2 and 3 See Picture 10-2.



Picture 10-2 – Smelt Egg Monitoring . – Sta.23+00

3. Smelt egg monitoring at Transect 2. See Picture 10-3.



Picture 10-3 Smelt Monitoring Transect 2.

4. Water quality and velocity monitoring at Transect 3. See Picture 10-4



Picture 10-4, Water quality monitoring at Transect 3.

5. Transects 4, 5 and 6 are located adjacent to the Quincy Chamber of Commerce. Transect 4 is adjacent to the USGS Miles Stilles monitoring station and Transects 5 and 6 are located down stream. See pictures 10-5 and 10-6.



Picture 10-5 Velocity monitoring at Transect #5



Picture 10-6 Velocity monitoring at Transect #6

End of Memo