

**Notes:**  
 Horizontal Datum: New Hampshire, NH-2800 NAD 83  
 Distance Units: U.S. Survey Feet  
 Vertical Datum: MLLW  
 Depth Units: U.S. Survey Feet  
 Vessel Name: POOPHAM BEACH  
 Sonar System: ODOM MK 3 (Singlebeam Sonar)  
 Sounding Frequency: 200 kHz  
 Survey Method: RTK GPS Tides  
 GPS System: Trimble GPS 855 (RTK)  
 RTK Base Station: MTS Smartnet Max  
 Software Used: Hypack  
 Sounding Dist. 20'  
 Field Books: R&H 3820  
 Survey No.: LAM\_CS\_2019\_053  
 Reference NOAA Chart No.: 13285

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

**Project Remarks**  
 None

**Water Level Information**  
 Tides were recorded using RTK GPS. The MLLW to NAVD88 correction used for this project is 3.93 feet. These corrections are referenced from NOAA's V-Datum Model Version 3.9, ME/NH/MA region Version 1.3, in the vicinity of the Lamprey River, Newmarket, NH. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.



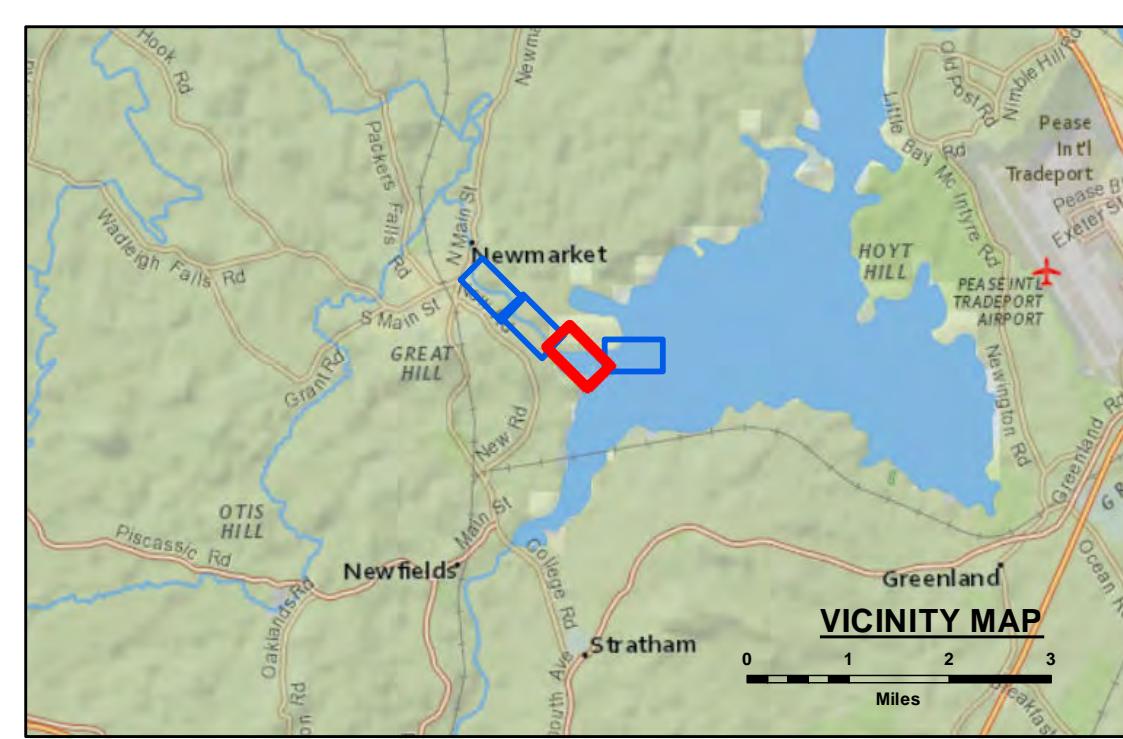
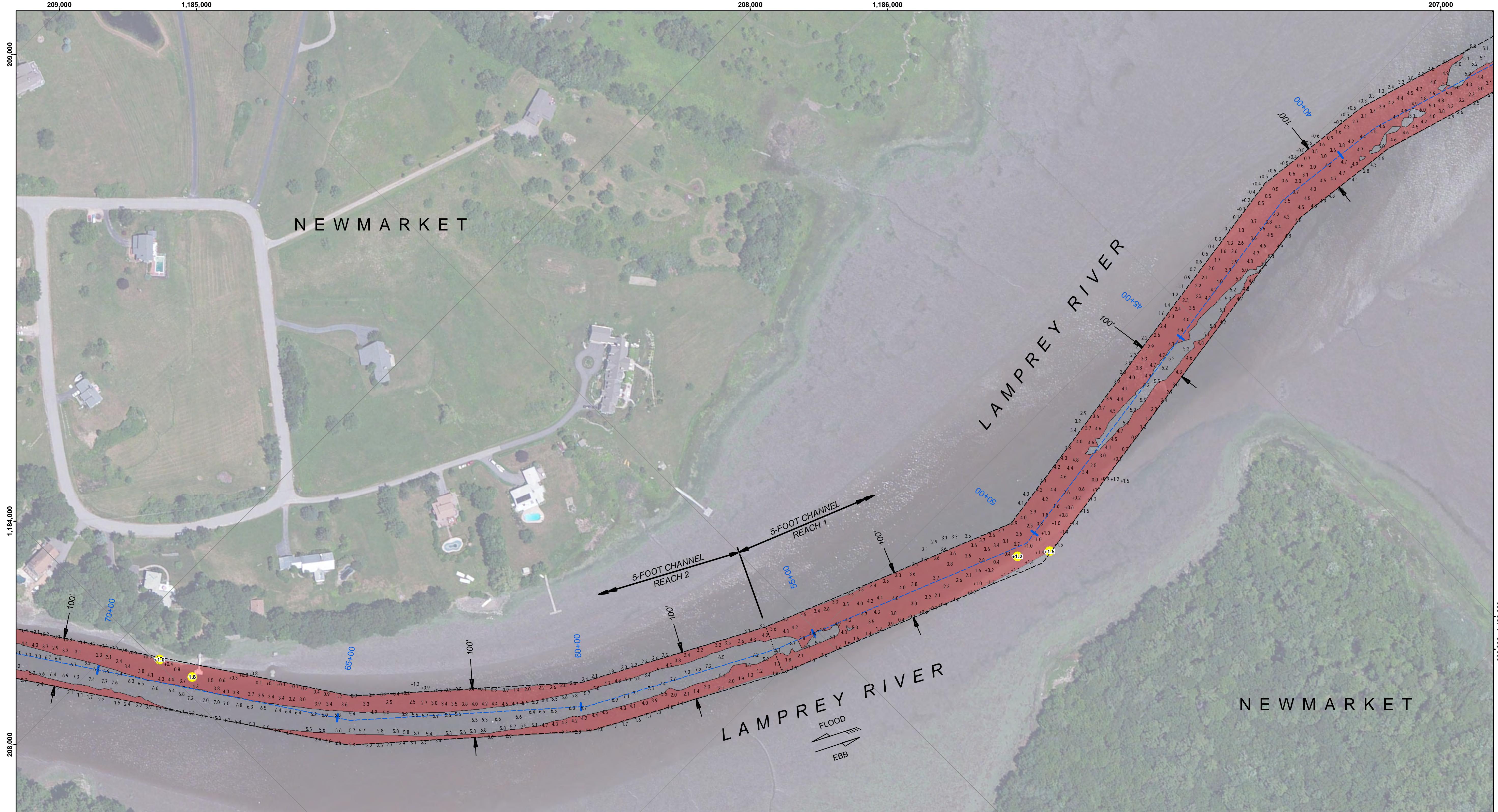
Distribution Label: The data represents the results of data collected/processed for a specific US Army Corps of Engineers active and indicates the general existing conditions. It is not to be used for engineering design or surveying purposes. This is for reference only. The user is responsible for any use of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS	
NEW ENGLAND DISTRICT	SURVEYED BY: RWP
SUBMITTED BY: Zachary McAvoy	CHECKED BY: ZSM
APPROVED BY: NAE Survey	ISSUE DATE: 8/19/2019
MAP DOCUMENT: NH-05_LAM_20190612_CS_2019_053	SIZE: ANSI D

**LAMPREY RIVER**  
**NEW HAMPSHIRE**  
**CONDITION SURVEY**  
**5-FOOT CHANNEL**

File Name: NH-05\_LAM\_20190612\_CS\_2019\_053

**Sheet Identification**  
 Lamprey River  
 Sheet 1 of 4



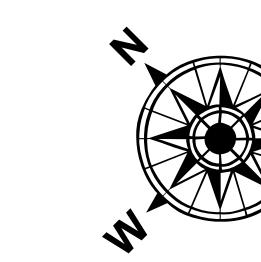
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1 F

- Federal Navigation Channel  Fixed Navigation
  - Channel Center Line  Red Navigation B.
  - ..... Cable/Pipeline Area  Green Navigation
  - Contour Line  Shoaling Area
  -  Obstruction Point  Shoalest Sound

GRAPHIC S

1" = 100' 



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## General Note

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Project Remarks  
None

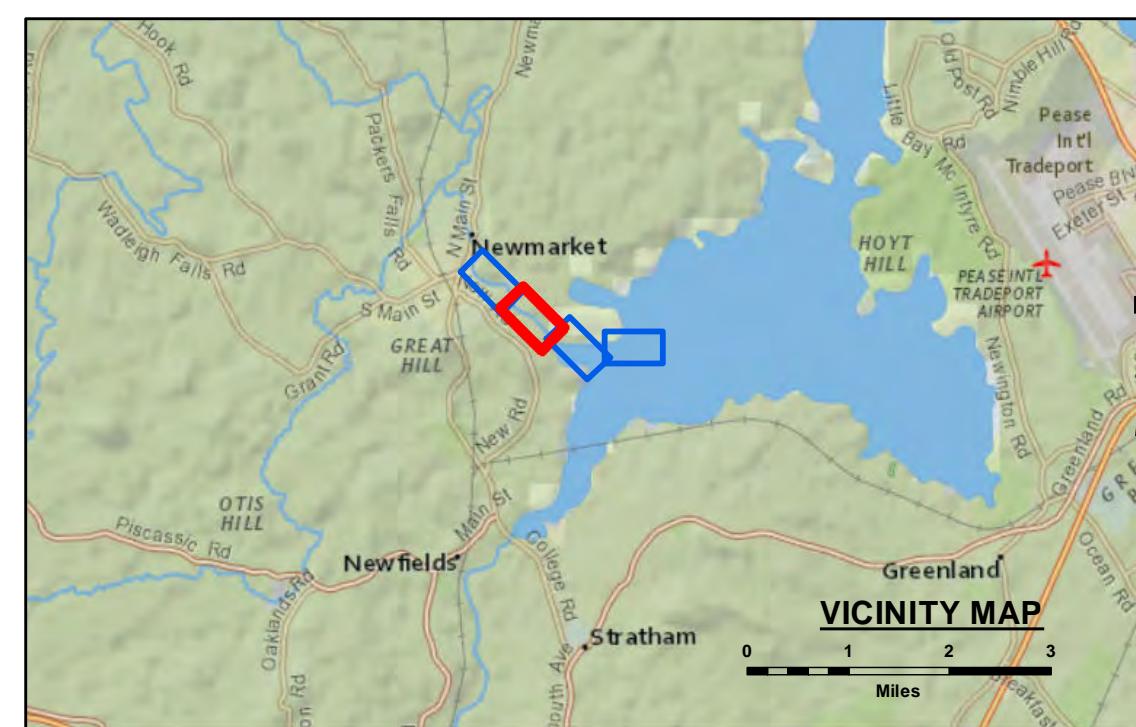
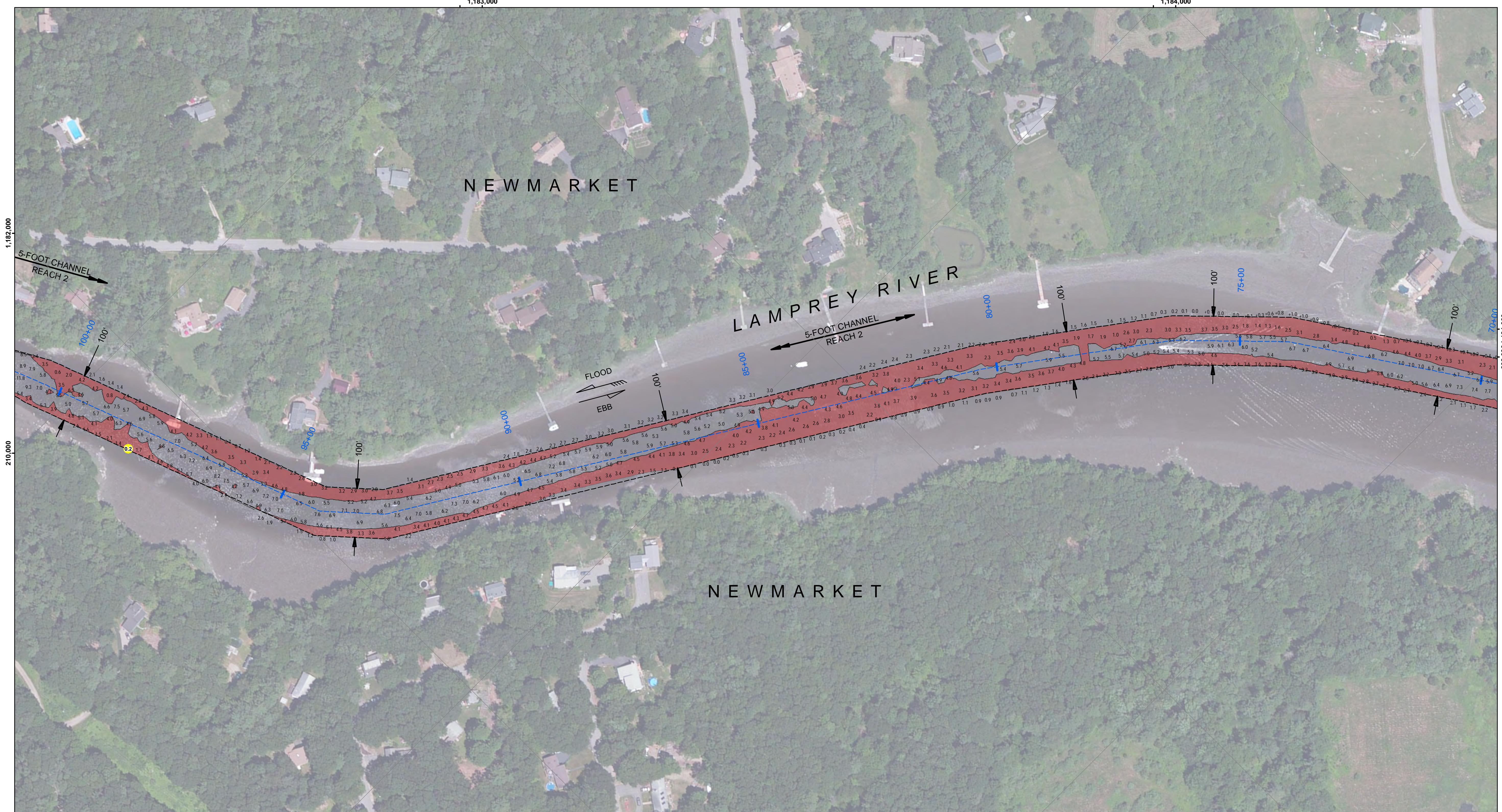
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**LAMPREY RIVER  
NEWMARKET, NEW HAMPSHIRE**

**CONDITION SURVEY  
5-FOOT CHANNEL**

**SHEET  
IDENTIFICATION**

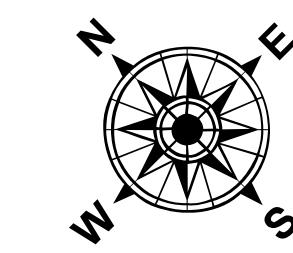


LEGE

- Federal Navigation Channel  Fixed Navigation Aids
  - Channel Center Line  Red Navigation Buoy
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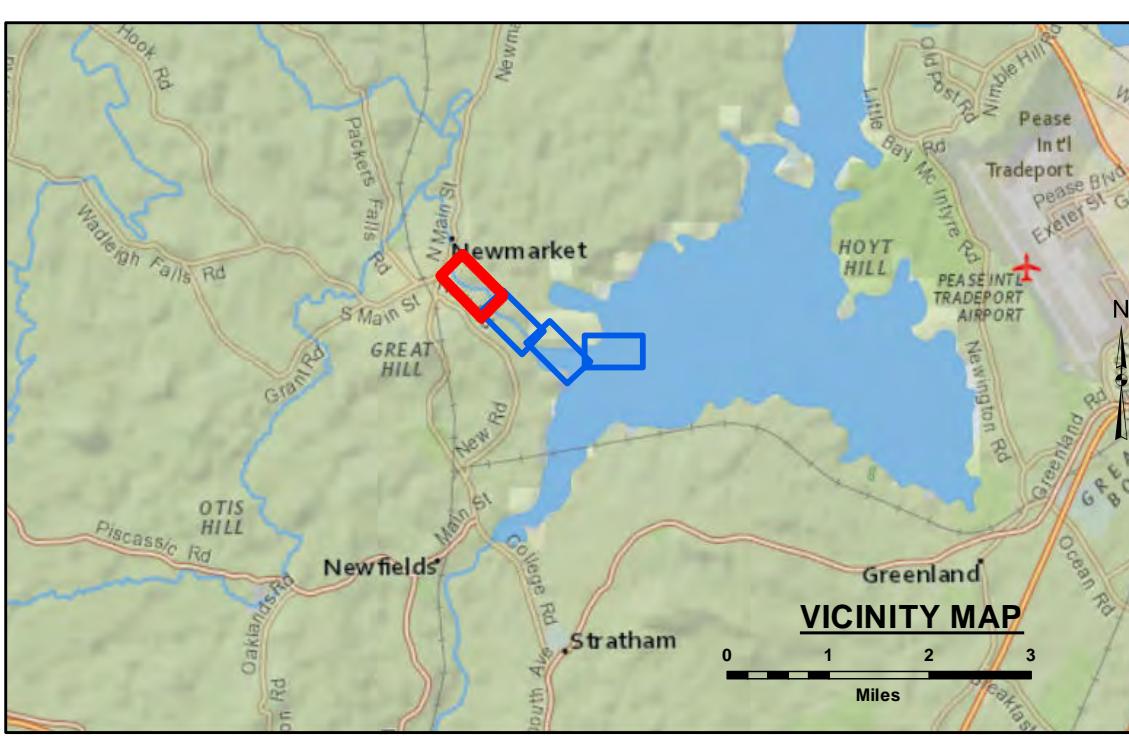
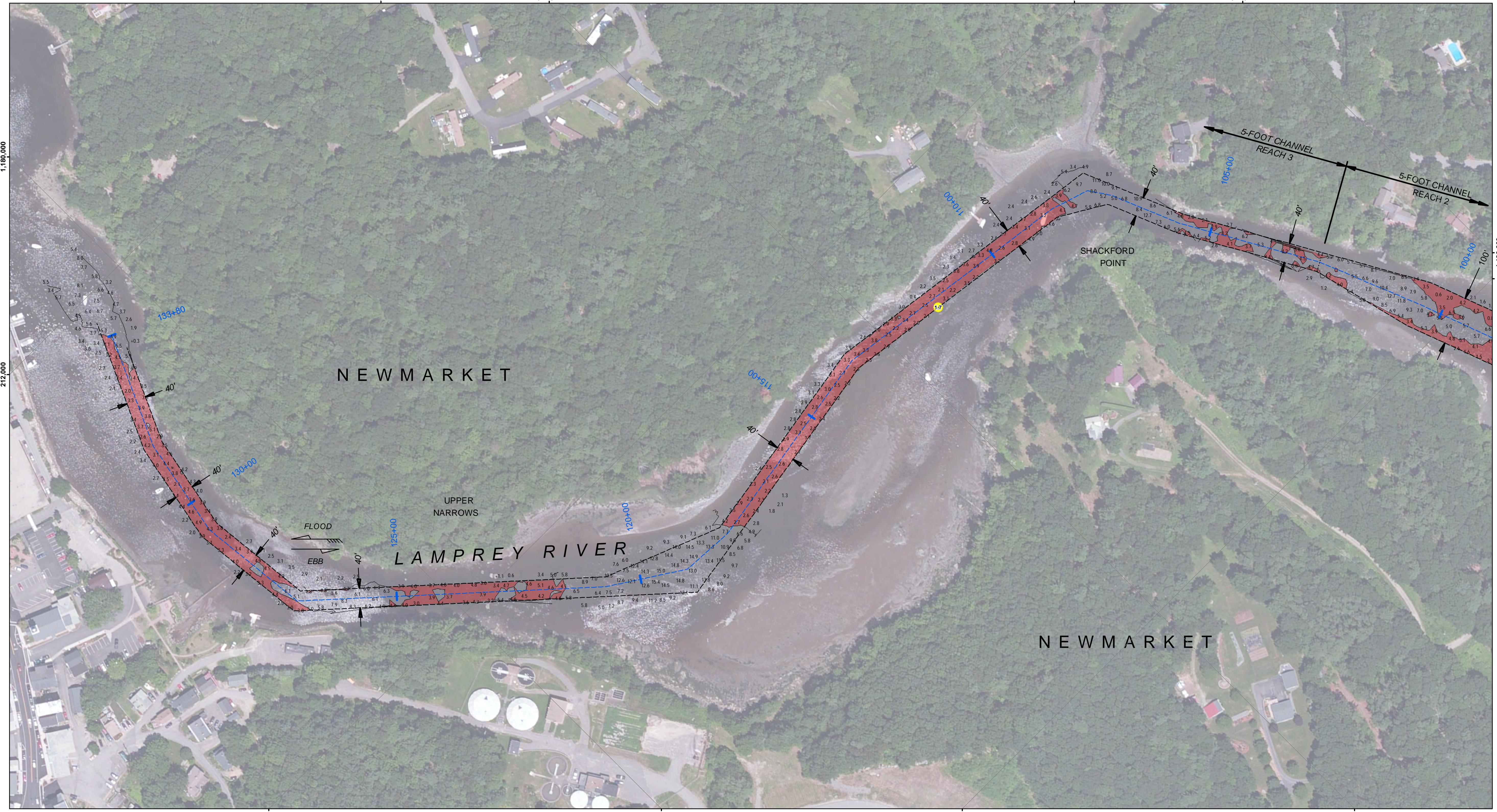
Level Information  
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**LAMPREY RIVER  
NEWMARKET, NEW HAMPSHIRE**

**CONDITION SURVEY  
5-FOOT CHANNEL**

## **SHEET IDENTIFICATION**

Slide 6 of 14



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NEW ENGLAND DISTRICT	
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CHECKED BY:	ZSM
APPROVED BY:	NME Survey
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<b>Sheet Identification</b>	
Lamprey River	
Sheet 4 of 4	