

Memorandum

To	Michael Liberati, DuPont CRG Ralph Stahl, DuPont CRG	Page	1 of 4
CC	Cecilia Mancini, AECOM		
Subject	Area of Concern (AOC) 4 Short-Term Monitoring (STM) 2016 Monitoring Locations		
From	Bill Reese, AECOM Joshua Collins, AECOM		
Date	May 9, 2016		

This memo documents modifications to the 2016 sampling schedule described in the Short-term Monitoring Plan (STM) for the Phase 1 of the Area of Concern (AOC) 4 remedy, included as Appendix D of the Final Interim Measures Design, Implementation, and Monitoring Work Plan (AQ et al, 2015). STM is intended to evaluate the effectiveness of the remedial approach over a short period of time, ranging from two to 10 years, and limited to a specific spatial extent immediately adjacent to bank management areas (BMAs). Figure 1 shows the STM stations, and is attached to this memo for reference.

Year 2015 STM data were collected at STM stations located near BMAs originally scheduled to be included in the first phase of construction in 2016 including: STMP-01, STMP-05 and STMP-07. It was thought interim remedial measures would be complete at these BMAs and remedial designs for additional BMAs would be completed in 2016, thus triggering implementation of STM at additional stations. Based on a modification to the remedy implementation scope and associated schedule, 2016 STM will remain the same as that implemented in 2015 and will include stations:

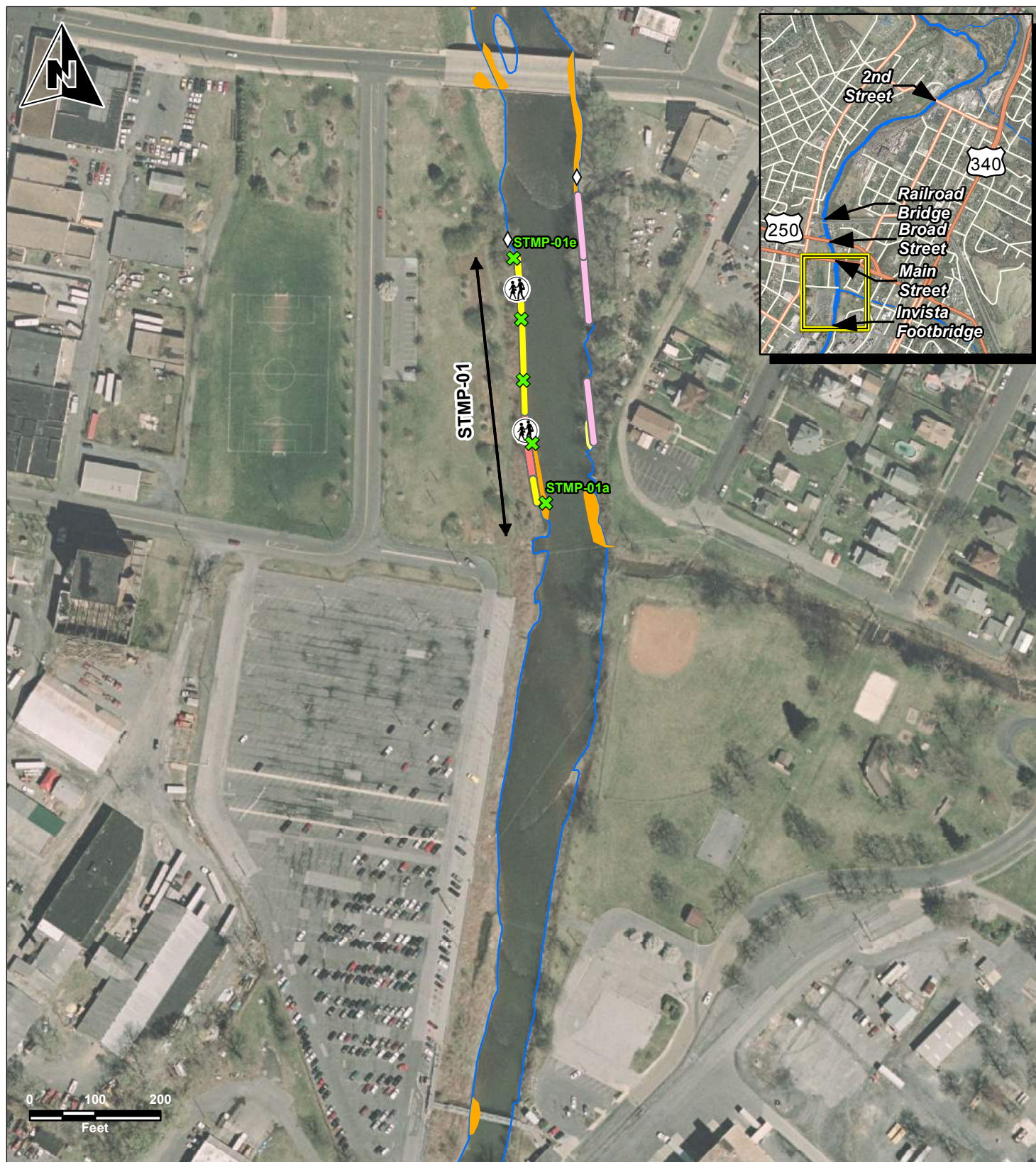
- STMP-01,
- STMP-05, and
- STMP-07.

Additional monitoring locations will be included in future events as the remedial design progresses for other BMAs.

REFERENCES

Anchor QEA, URS Corporation, E.I. du Pont de Nemours and Company. 2015. Final Interim Measures Design, Implementation, and Monitoring Work Plan. Phase I - South River Area of Concern 4. 471 pp.

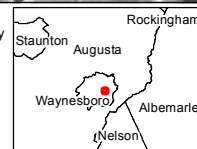
URS Corporation. 2015. Final AOC 4 Short-term Monitoring Plan - Relative River Mile 0-2 of the South River, Virginia. 28 pp.



Legend

- Benthic Community Location
- Near bank and Mid-channel Periphyton/Clam Collections
- Extent of Short-term Monitoring Location
- Phase 1A Primary BMAs
- Phase 1A Secondary BMAs
- Phase 1B Primary BMAs
- Phase 1B Secondary BMAs
- Sampling Transect
- LWD
- River Access
- Shoreline
- 1.) Clay and Silt Deposits
- 2.) Fine Sand Deposits

Reference:
VBMP Recent Aerial Imagery



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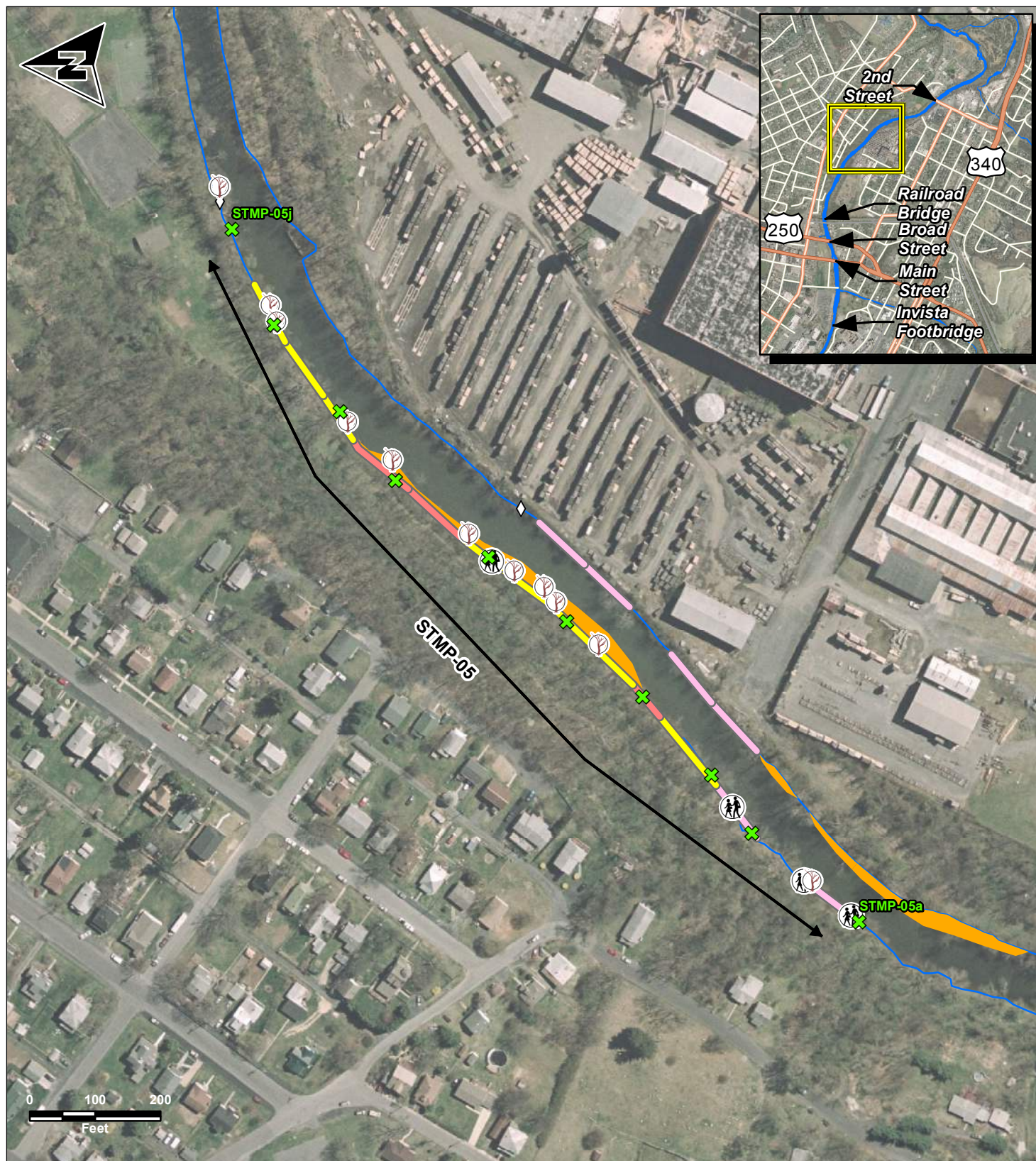
Job: 60394083

Prepared by: VP

Checked by: BR

Date: 10/28/2015

Figure 1: Sheet 1 of 3
2016 Monitoring Locations Overview Map
Area of Concern (AOC) 4 Short-Term Monitoring
Former Dupont Waynesboro Plant
Waynesboro, Virginia



Legend

- | | | | |
|---|-------------------------|-------------------|----------------------------|
| Benthic Community Location | Phase 1A Primary BMAs | Sampling Transect | River Access |
| Near bank and Mid-channel Periphyton/Clam Collections | Phase 1A Secondary BMAs | LWD | Shoreline |
| Extent of Short-term Monitoring Location | Phase 1B Primary BMAs | | 1.) Clay and Silt Deposits |
| | Phase 1B Secondary BMAs | | 2.) Fine Sand Deposits |

Reference:
VBMP Recent Aerial Imagery



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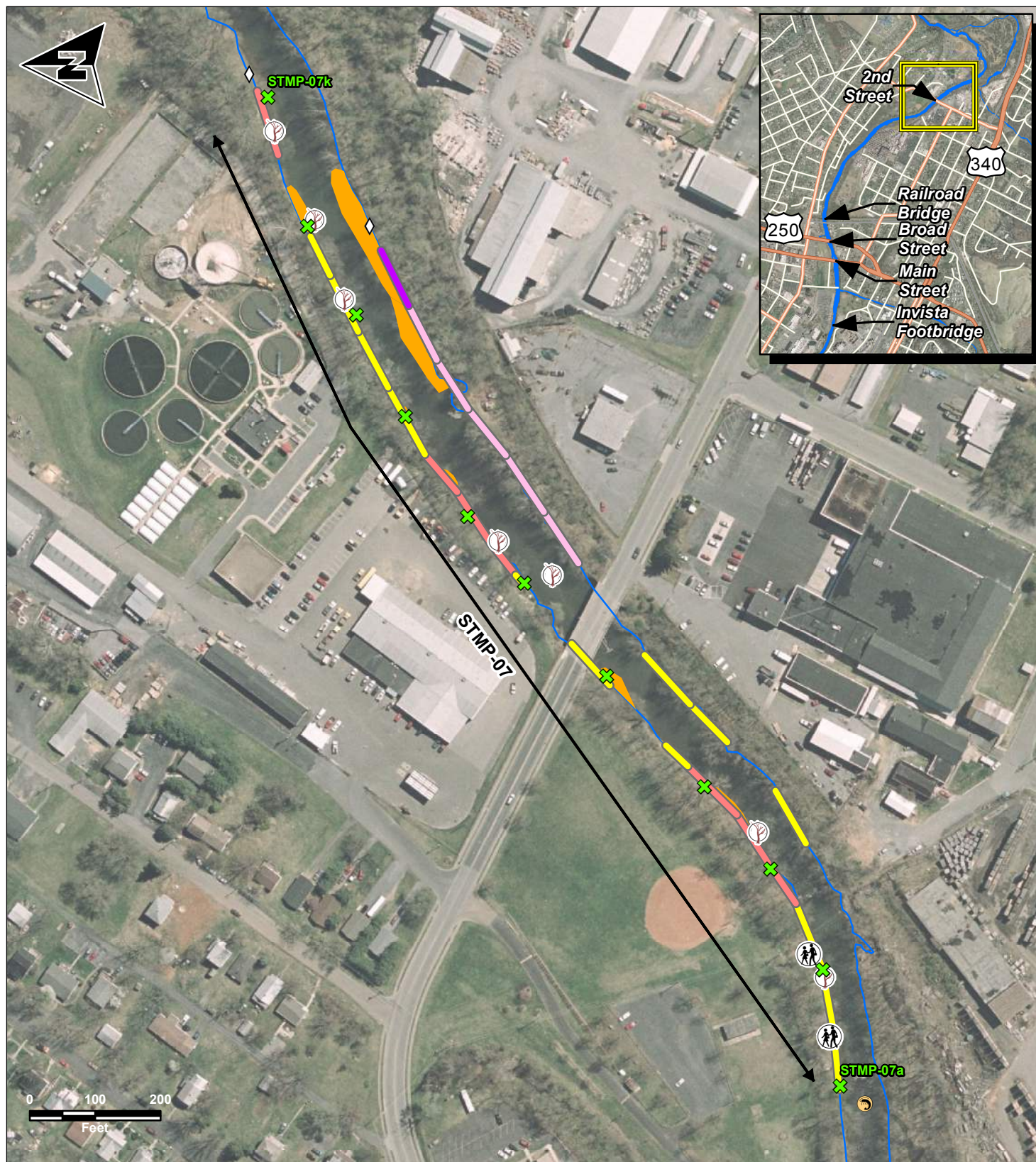
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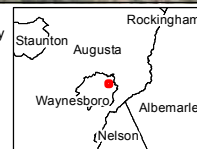
Figure 1: Sheet 2 of 3
2016 Monitoring Locations Overview Map
Area of Concern (AOC) 4 Short-Term Monitoring
Former Dupont Waynesboro Plant
Waynesboro, Virginia



Legend

- | | | | |
|---|-------------------------|-------------------|----------------------------|
| Benthic Community Location | Phase 1A Primary BMAs | Sampling Transect | River Access |
| Near bank and Mid-channel Periphyton/Clam Collections | Phase 1A Secondary BMAs | LWD | Shoreline |
| Extent of Short-term Monitoring Location | Phase 1B Primary BMAs | | 1.) Clay and Silt Deposits |
| | Phase 1B Secondary BMAs | | 2.) Fine Sand Deposits |

Reference:
VBMP Recent Aerial Imagery



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Figure 1: Sheet 3 of 3
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