



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Draft Report

Site Name..... Westvaco Spill - NBP Monitor
Sample Collection Date(s)..... 09/29/15 11:40- 09/29/15 12:00
Contact..... Rick Rogers
Report Date..... 10/01/15 15:29
Project #..... NSF 701
Work Order..... 1509032

Analyses included in this report:

Total Dissolved Solids by SM 2540C

Total Suspended Solids by SM 2540D



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Report Narrative

VOA Analysis Note:

In addition to the routine target volatile organic compounds, the samples were examined for tentatively identified compounds, with particular attention on the masses characteristic to 1,3-Butadiene. No tentatively identified compounds were detected.

Additional sample volume was not available for matrix spiking.



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Physical Parameters

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1509032-01								
Station ID: POT_EOS								
Sample Matrix: Surface Water								
Collected: 09/29/2015								
Total Dissolved Solids	349		10	mg/L	1	09/30/15	10/01/15 13:31	SM2540C/R3QA105
Total Suspended Solids	U		10	mg/L	1	09/30/15	10/01/15 11:21	SM2540D/R3QA106
Lab ID: 1509032-03								
Station ID: POT_MID								
Sample Matrix: Surface Water								
Collected: 09/29/2015								
Total Dissolved Solids	366		10	mg/L	1	09/30/15	10/01/15 13:31	SM2540C/R3QA105
Total Suspended Solids	U		10	mg/L	1	09/30/15	10/01/15 11:21	SM2540D/R3QA106



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Notes and Definitions

- D Source sample result and/or duplicate sample result are below the quantitation limit and the RPD is artificially high. Precision data (RPD value) has no significance for this QC Sample.
- NR Not Reported
- RPD Relative Percent Difference
- U Analyte included in the analysis, but not detected at or above the quantitation limit.
- NR Not Reported

Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

REPORTING PROTOCOL FOR SOLID SAMPLE RESULTS: Percent Solids (percent dry wt at 105 degrees C) determinations are routinely performed for most organic and inorganic analyses. Consequently, these samples are analyzed wet and converted to a dry weight result for reporting purposes. If metals and mercury analyses are requested, they are routinely prepared for analyses by an initial drying at 60 degrees C, homogenized prior to digestion, and are analyzed and reported on a dry weight basis. Oil-type samples are analyzed and reported on a wet weight basis for all analyses because of the nature of the sample matrix. Any exceptions to this protocol will be noted in the narrative.