



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 (856) 858-4800

Attn. [REDACTED]
Client: URS Corporation
12420 Milestone Center Dr, Ste 150
Germantown, MD 20876

EMSL Order: 371414054
Received: 09/05/14
Analysis Date: 09/15/14
Report Date: 09/25/14

Project: 97611740 (171356)/49234152/Centerbridge, New Hope, PA

Detection of Iron-Related Bacteria in Water Samples with the IRB-BART™ System (EMSL Method: M121)

Lab Sample Number	Client Sample ID	Sample Location	Amount Analyzed	Iron-related Bacteria (Present/Absent)	Potential Population Size (CFU/mL)	Identification of Dominant Organism
414054-1	Brook-1-BAC		15 mL	Present	2,300	Highly aerobic iron oxidizing bacteria could include sheath formers and Gallionella
414054-2	Brook-2-BAC		15 mL	Present	2,300	Highly aerobic iron oxidizing bacteria could include sheath formers and Gallionella

EMSL maintains liability limited to cost of analysis. Interpretation of the data contained in this report is the responsibility of the client. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations.



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Detection of Sulfate-Reducing Bacteria in Water Samples with the SRB-BART™ System (EMSL Method: M122)

Lab Sample Number	Client Sample ID	Sample Location	Amount Analyzed	Sulfate-reducing Bacteria (Present/Absent)	Potential Population Size (CFU/mL)	Identification of Dominant Organism
414054-1	Brook-1-BAC		15 mL	Present	200	SRB are active anaerobically within deeply set aerobic bacterial growths
414054-2	Brook-2-BAC		15 mL	Present	5,000	SRB are active anaerobically within deeply set aerobic bacterial growths

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[REDACTED]
Laboratory Manager
or Approved EMSL Signatory