

# **IEH ANALYTICAL LABORATORIES**

LABORATORY & CONSULTING SERVICES

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CASE FILE NUMBER:	SAN007-83		PAGE 1	
REPORT DATE:	06/07/17			
DATE SAMPLED:	05/08/17	DATE RECEIVED:	05/09/17	
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER				
SAMPLES FROM IEH SANIPURE / SOUTH HACKENSACK BOARD OF EDUCATION				

#### CASE NARRATIVE

Eighteen water samples were received by the laboratory in good condition and analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of these samples. Sample data follows while QA/QC data is contained on the subsequent pages.

### **SAMPLE DATA**

		LEAD
SAMPLE DESCRIPTION	SAMPLE ID	(ug/L)
CAFETERIA L 7:00 AM	ISP-050817-009	<2.0
CAFETERIA R 7:00 AM	ISP-050817-010	<2.0
CAFETERIA L 7:15 AM	ISP-050817-011	<2.0
CAFETERIA R 7:15 AM	ISP-050817-012	<2.0
RM 104 7:30 AM	ISP-050817-013	16.4
RM 104 7:35 AM	ISP-050817-014	2.7
RM 101 7:40 AM	ISP-050817-015	4.1
RM 101 7:50 AM	ISP-050817-016	<2.0
RM 102 7:55 AM	ISP-050817-017	3.8
RM 102 8:05 AM	ISP-050817-018	<2.0
BY GYM L 8:10 AM	ISP-050817-019	<2.0
BY GYM R 8:10 AM	ISP-050817-020	<2.0
BY GYM L 8:20 AM	ISP-050817-021	<2.0
BY GYM R 8:20 AM	ISP-050817-022	<2.0
2ND FLOOR L 8:30 AM	ISP-050817-023	<2.0
2ND FLOOR R 8:30 AM	ISP-050817-024	<2.0
2ND FLOOR L 8:40 AM	ISP-050817-025	<2.0
2ND FLOOR R 8:40 AM	ISP-050817-026	<2.0



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#### QA/QC DATA

QC PARAMETER	LEAD	LEAD	
	(ug/L)	(ug/L)	
METHOD	EPA 200.8	EPA 200.8	
DATE ANALYZED	05/22/17	05/22/17	
REPORTING LIMIT	2.0	2.0	
DUPLICATE			
SAMPLE ID	ISP-050817-009	ISP-050817-018	
ORIGINAL	<2.0	<2.0	
DUPLICATE	<2.0	<2.0	
RPD	NC	NC	
SPIKE SAMPLE			
SAMPLE ID	ISP-050817-009	ISP-050817-018	
ORIGINAL	<2.0	<2.0	
SPIKED SAMPLE	48.5	47.0	
SPIKE ADDED	50.0	50.0	
% RECOVERY	96.97%	94.04%	
QC CHECK			
FOUND	50.0	50.0	
TRUE	50.0	50.0	
% RECOVERY	100.09%	100.09%	
BLANK	<2.0	<2.0	

RPD = RELATIVE PERCENT DIFFERENCE

ND = NOT APPLICABLE OR NOT AVAILABLE. NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT. OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TOO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY: Mitchell W. Kiribah

Mitchell W. Kiriluk Project Manager