



1551 Highway 88 West * Brick, New Jersey 08724-2399
(732) 458-7000 * FAX (732) 458-7725
www.brickmua.com

CHRIS A. THEODOS, PE, PP, CME, CPWM, CFM
Executive Director

COMMISSIONERS

GREGORY M. FLYNN
Chairman

THOMAS C. CURTIS
Vice Chairman

WILLIAM NEAFSEY
Secretary

SUSAN LYDECKER
Treasurer

MARIA E. FOSTER
Asst. Secretary/Treasurer

ALTERNATES

SANDRA P. HAWTHORNE-TORMEY
JASON M. KIERNAN

April 13, 2018

Mr. Joe Langel
Wall Township Water Dept.
2700 Allaire Road
Wall Township, NJ 07719

Dear Mr. Langel:

Attached are the results of analyses performed on samples submitted to Brick Utilities on April 5, 2018, Lab # 18040504. If you have any questions, please do not hesitate to contact me. Thank you for choosing Brick Utilities Laboratory.

Respectfully,

Stephen Naglich
Water Quality Supervisor

SN/ms

c: J. Maggio, Director of Water Quality
C. Rouse, Laboratory Supervisor

Attachments: Chain of Custody
Certificate of Analysis

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)		Samplers Name		E2 Reporting:		LAB USE ONLY	
Joe Langel		Joe Langel		Check Box <input checked="" type="checkbox"/> if E2 reporting is requested		Lab Log Number	
Company		Phone		Provide PWSID Number, Water Facility State Code, &		Cooler Temperature	
Wall Township Water Dept.		(732) 449-2700		Sample Point ID, where applicable		1804050H	
Address		Please Do Not		Analysis requested (enter "X" below to indicate request)			
2700 Allaire Road		E2 Report		Lead	Preservative used	Preservative used	Preservative used
City	State	Zip Code	Date Collected	Time Collected	Matrix	No. of Containers	
Wall	NJ	07719	4-5-18	9-AM		1	
Turnaround Request:		ASAP <input type="checkbox"/> Standard <input checked="" type="checkbox"/>					
Sample Identification		F-1					
Enter mediate school		F-2					
F-3		F-4					
F-5		F-6					
F-7		F-8					
F-9		F-10					
F-11		F-12					
F-13		F-14					
F-15		F-15					

Special Instructions: Enter mediate school
 Relinquished by: Joe Langel
 Relinquished by: ~~Joe Langel~~

Please Do Not Enter Report
 Received by: ~~Joe Langel~~
 Received by: ~~Joe Langel~~

Water Metal Filtered (Y/N?)
 Company: BMMWA
 Date/Time: 4/5/18-1000

~~HN03~~ Added at 1030 PM 4-2-18

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)		Samplers Name		E2 Reporting:		LAB USE ONLY	
Joe Langel		Joe Langel		Check Box <input checked="" type="checkbox"/> if E2 reporting is requested		Lab Log Number 18040504	
Company		Phone		Provide PWSID Number, Water Facility State Code, &		Cooler Temperature °C	
Wall Township Water Dept.		(732) 449-2700		Sample Point ID, where applicable			
Address		Date Collected		Time Collected		Matrix	
2700 Allaire Road		4-5-18		7:08		1	
City State Zip Code							
Wall NJ 07719							
Turnaround Request:		Date Collected		Time Collected		Matrix	
ASAP <input type="checkbox"/> Standard <input checked="" type="checkbox"/>							
Sample Identification							
F-16	F-16	4-5-18	7:08				
F-17	F-17		7:10				
F-18	F-18		7:11				
F-19	F-19						
F-20	F-20						
F-21	F-21		7:30				
F-22	F-22		7:30				
F-23	F-23						
F-24	F-24						
S-1	S-1		7:45				
S-2	S-2		7:50				
S-3	S-3		7:52				
S-4	S-4		7:52				
S-5	S-5		7:53				
S-6	S-6		7:56				

Analysis requested (enter "X" below to indicate request)		Preservative used		Preservative used		Preservative used	
Lead	X						
	X						
	X						
	X						
	X						
	X						
	X						
	X						
	X						
	X						
	X						
	X						
	X						
	X						
	X						

Special Instructions:	Company	Date/Time	Water Metal Filtered (Y/N)?
Enter mediate school - Please Do Not E2 Report	Wall Twp Water	4-5-18 - 1000	
Relinquished by Joe Langel	Company	Date/Time	
Relinquished by	Company	Date/Time	
	BMCA	4/5/18-1000	

(*) HNO3 Added at 1030 PKA-MH

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)		Samplers Name		E2 Reporting:		LAB USE ONLY	
Joe Langel Company		Joe Langel		<input checked="" type="checkbox"/> Check Box if E2 reporting is requested Provide PWSID Number, Water Facility State Code, & Sample Point ID, where applicable		Lab Log Number 18040501 Cooler Temperature °C	
Wall Township Water Dept.				Phone		Cooler Temperature	
2700 Allaire Road				(732) 449-2700			
City		State		Zip Code			
Wall NJ		NJ		07719			
Turnaround Request:		ASAP		Standard		<input checked="" type="checkbox"/>	
Sample Identification		Date Collected	Time Collected	Matrix	No. of Containers	Analysis requested (enter "X" below to indicate request)	Preservative used
F15	S-7	4-5-18	8:05		1		
E15	S-8		8:01		1		
E15	S-9		8:08		1		
E15	S-10		8:15		1		
E15	S-11		8:16		1		
E15	S-12		8:18		1		
E15	S-13		8:20		1		
E15	S-14		8:26		1		
E15	S-15		8:35		1		
E15	EM-1				1		
E15	EM-2				1		
E15	S-16				1		
E15	S-17				1		
E15	S-18				1		
E15	S-19				1		
E15	S-20				1		
E15	S-21				1		
E15	S-22				1		
E15	S-23				1		

Special Instructions: Intermediate School - Please Do Not E2 Report		Water Metal Filtered (Y/N)?	
Relinquished by	Company	Received by	Date/Time
Joe Langel	Wall Twp Water Company	JML	4/5/18 1000
Relinquished by	Company	Received by	Date/Time
		BTM/A	4/5/18 1000

(~~*~~) HNO3 Added at 1030 pH < 2 - mlu



Certificate of Analysis

For: Wall Township Water Department
 2700 Allaire Road
 Wall Township, NJ 07719

Attn: Joe Langel

Water Quality Supervisor: *Stephen Magick*

13-Apr-18

Client Sample ID: F1

Lab Sample ID: 18040504-01

Site:

Collection Date: 4/5/2018 7:00 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	9.50 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F2

Lab Sample ID: 18040504-02

Site:

Collection Date: 4/5/2018 7:00 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	14.09 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F3

Lab Sample ID: 18040504-03

Site:

Collection Date: 4/5/2018 7:00 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	11.18 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F4

Lab Sample ID: 18040504-04

Site:

Collection Date: 4/5/2018 7:01 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	9.84 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F5

Lab Sample ID: 18040504-05

Site:

Collection Date: 4/5/2018 7:01 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	10.17 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F6

Site:

Lab Sample ID: 18040504-06

Collection Date: 4/5/2018 7:03 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	11.62 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F7

Site:

Lab Sample ID: 18040504-07

Collection Date: 4/5/2018 7:03 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	12.16 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F8

Site:

Lab Sample ID: 18040504-08

Collection Date: 4/5/2018 7:05 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	15.61 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F9

Site:

Lab Sample ID: 18040504-09

Collection Date: 4/5/2018 7:18 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	13.11 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F10

Site:

Lab Sample ID: 18040504-10

Collection Date: 4/5/2018 7:18 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	16.47 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F11

Site:

Lab Sample ID: 18040504-11

Collection Date: 4/5/2018 7:22 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	10.03 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F12

Site:

Lab Sample ID: 18040504-12

Collection Date: 4/5/2018 7:23 AM

Analyte	Method	Sample Result	Report Limit	Analyst	Anal. Date
Copper	EPA 200.8	11.65 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	0.88 ppb	0.5	JenB	4/11/2018

Client Sample ID: F13

Site:

Lab Sample ID: 18040504-13

Collection Date: 4/5/2018 7:15 AM

Analyte	Method	Sample Result	Report Limit	Analyst	Anal. Date
Copper	EPA 200.8	19.97 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F14

Site:

Lab Sample ID: 18040504-14

Collection Date: 4/5/2018 7:15 AM

Analyte	Method	Sample Result	Report Limit	Analyst	Anal. Date
Copper	EPA 200.8	19.11 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F15

Site:

Lab Sample ID: 18040504-15

Collection Date: 4/5/2018 7:08 AM

Analyte	Method	Sample Result	Report Limit	Analyst	Anal. Date
Copper	EPA 200.8	10.48 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F16

Site:

Lab Sample ID: 18040504-16

Collection Date: 4/5/2018 7:08 AM

Analyte	Method	Sample Result	Report Limit	Analyst	Anal. Date
Copper	EPA 200.8	10.93 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F17

Site:

Lab Sample ID: 18040504-17

Collection Date: 4/5/2018 7:10 AM

Analyte	Method	Sample Result	Report Limit	Analyst	Anal. Date
Copper	EPA 200.8	9.50 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F18

Lab Sample ID: 18040504-18

Site:

Collection Date: 4/5/2018 7:11 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	8.54 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F21

Lab Sample ID: 18040504-19

Site:

Collection Date: 4/5/2018 7:30 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	13.17 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: F22

Lab Sample ID: 18040504-20

Site:

Collection Date: 4/5/2018 7:30 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	9.99 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S1

Lab Sample ID: 18040504-21

Site:

Collection Date: 4/5/2018 7:45 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	15.60 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S2

Lab Sample ID: 18040504-22

Site:

Collection Date: 4/5/2018 7:50 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	13.89 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S3

Lab Sample ID: 18040504-23

Site:

Collection Date: 4/5/2018 7:52 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	15.56 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	1.37 ppb	0.5	JenB	4/11/2018

Client Sample ID: S4

Site:

Lab Sample ID: 18040504-24

Collection Date: 4/5/2018 7:52 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	11.77 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S5

Site:

Lab Sample ID: 18040504-25

Collection Date: 4/5/2018 7:53 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	17.92 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	0.69 ppb	0.5	JenB	4/11/2018

Client Sample ID: S6

Site:

Lab Sample ID: 18040504-26

Collection Date: 4/5/2018 7:56 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	16.75 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S7

Site:

Lab Sample ID: 18040504-27

Collection Date: 4/5/2018 8:05 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	8.26 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S8

Site:

Lab Sample ID: 18040504-28

Collection Date: 4/5/2018 8:01 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	9.82 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S9

Site:

Lab Sample ID: 18040504-29

Collection Date: 4/5/2018 8:08 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	8.95 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S10

Site:

Lab Sample ID: 18040504-30

Collection Date: 4/5/2018 8:15 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	8.89 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S11

Site:

Lab Sample ID: 18040504-31

Collection Date: 4/5/2018 8:16 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	12.34 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S12

Site:

Lab Sample ID: 18040504-32

Collection Date: 4/5/2018 8:18 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	17.49 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	1.37 ppb	0.5	JenB	4/11/2018

Client Sample ID: S13

Site:

Lab Sample ID: 18040504-33

Collection Date: 4/5/2018 8:20 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	14.75 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S14

Site:

Lab Sample ID: 18040504-34

Collection Date: 4/5/2018 8:26 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	13.57 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: S15

Site:

Lab Sample ID: 18040504-35

Collection Date: 4/5/2018 8:35 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	12.68 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

Client Sample ID: IM-2

Site:

Lab Sample ID: 18040504-36

Collection Date: 4/5/2018 8:00 AM

<u>Analyte</u>	<u>Method</u>	<u>Sample Result</u>	<u>Report Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Copper	EPA 200.8	14.86 ppb	0.5	JenB	4/11/2018
Lead	EPA 200.8	< 0.50 ppb	0.5	JenB	4/11/2018

NA = not analyzed