DEPARTMENT OF THE NAVY
NAVAL SUPPORT ACTIVITY WASHINGTON
1411 PARSONS AVENUE ST STE. 303
WASHINGTON NAVY YARD DC 20374-5003

5090
Ser N4/496
October 6, 2016

Ms. Karen Crumlish
Chief, Drinking Water Branch (3WP21)
EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

Dear Karen Crumlish:

SUBJECT: REVISED TOTAL COLIFORM REPORT, WASHINGTON NAVY YARD

Enclosed is the Revised Total Coliform Report for the monitoring period September 2016 for the Washington Navy Yard.

If you have any questions or require further information, please contact Mr. Dane Bowker, Public Works Department Drinking Water Program Manager at 202-433-4191or email: dane.bowker@navy.mil.

Sincerely,

DURANT S. GRAVES
Installation Environmental Program Director
By direction of the Commanding Officer

Enclosures: 1. Total Coliform Report
2. Certificate of Analysis

Washington Navy Yard PWS: DC0000003
September Sampling Report

First Half
Sample Date: 9/7/2016

Second Half
Sample Date: 9/21/2016

Total Samples: 15
Total Samples Negative: 15
Total Samples Positive: 0

Sample Number	Sample Point Identifier	Sample Point Name	Collector Name	Compliance Indicator	Sample Collection		Lab Received	Lab Analysis		Sample Comments	Chlorine Residual	pH	Temp (C)	Total Coliform Analysis	E. Coliform Analysis
					Date	Time	Date	Date	Time		Value (mg/L)			Result	Result
16I0394-01	B184	BLDG 184	Guyan Kularthne	Y	9/7/2016	1036	9/7/2016	9/8/2016	1300		0.95	8.41	27.4	N	N
16I0394-02	B211	BLDG 211	Guyan Kularthne	Y	9/7/2016	1059	9/7/2016	9/8/2016	1300		2.80	8.48	24.6	N	N
16I0394-03	B123	BLDG 123	Guyan Kularthne	Y	9/7/2016	1120	9/7/2016	9/8/2016	1300		1.99	8.24	24.0	N	N
16I0394-04	B111	BLDG 111	Guyan Kularthne	Y	9/7/2016	1144	9/7/2016	9/8/2016	1300		3.10	8.46	25.2	N	N
16I0394-05	B105	BLDG 105	Guyan Kularthne	Y	9/7/2016	1227	9/7/2016	9/8/2016	1300		3.00	8.40	24.4	N	N
16I0394-06	B22	BLDG 22	Guyan Kularthne	Y	9/7/2016	1205	9/7/2016	9/8/2016	1300		3.00	8.36	25.4	N	N
16I0394-07	B208	BLDG 208	Guyan Kularthne	Y	9/7/2016	1256	9/7/2016	9/8/2016	1300		2.80	8.20	26.5	N	N
16I1243-01	B166	BLDG 166	Guyan Kularthne	Y	9/21/2016	910	9/21/2016	9/23/2016	1200		3.00	8.26	24.0	N	N
16I1243-02	B218	BLDG 218	Guyan Kularthne	Y	9/21/2016	933	9/21/2016	9/23/2016	1200		3.10	8.45	25.4	N	N
16I1243-03	B212	BLDG 212	Guyan Kularthne	Y	9/21/2016	1004	9/21/2016	9/23/2016	1200		2.90	8.21	25.4	N	N
16I1243-04	B122	BLDG 122	Guyan Kularthne	Y	9/21/2016	1224	9/21/2016	9/23/2016	1200		3.30	8.18	25.4	N	N
16I1243-05	B33	BLDG 33	Guyan Kularthne	Y	9/21/2016	1103	9/21/2016	9/23/2016	1200		3.10	8.35	25.3	N	N
16I1243-06	B175	BLDG 175*	Guyan Kularthne	Y	9/21/2016	1248	9/21/2016	9/23/2016	1200		0.21	8.13	24.8	N	N
16I1243-07	B183	BLDG 183	Guyan Kularthne	Y	9/21/2016	1128	9/21/2016	9/23/2016	1200		1.51	8.05	26.2	N	N
16I1243-08	B118	BLDG 118	Guyan Kularthne	Y	9/21/2016	1155	9/21/2016	9/23/2016	1200		3:20	8.28	25.1	N	N

* BLDG 36 sample site was closed for renovation - BLDG 175 was chosen as a replacement sample site

Enclosure 1

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COVER LETTER

Kosala De Silva
Inspection Experts, Inc
9220 Rumsey Rd., Bay # 5
Columbia, MD 21045

September 13, 2016
Report No.: 16I0394

RE: WNY
Report revised to include field data from COC

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 09/07/2016 16:13.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Test Results
- Certifications/Notes and Definitions
- Cooler Receipt Log
- Chain of Custody

Melanie C Duszynski

Final report reviewed by:	Melanie C. Duszynski For Curtis B. Read/Project Manager	9/13/2016 Report issue date

All samples received in proper condition and results conform to ISO 17025 and TNI NELAC standards unless otherwise noted.

If we have not met or exceeded your expectations, please contact Melanie C. Duszynski For Curtis B. Read Project Manager at 410-633-1800. You may also contact Trevor Boyce, President at trevor.boyce@microbac.com

Enclosure 2

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
WNY-184	16I0394-01	Drinking Water	Grab	09/07/2016 10:36	09/07/2016 16:13
WNY-211	16I0394-02	Drinking Water	Grab	09/07/2016 10:59	09/07/2016 16:13
WNY-123	16I0394-03	Drinking Water	Grab	09/07/2016 11:20	09/07/2016 16:13
WNY-111	16I0394-04	Drinking Water	Grab	09/07/2016 11:44	09/07/2016 16:13
WNY-105	16I0394-05	Drinking Water	Grab	09/07/2016 12:27	09/07/2016 16:13
WNY-22	16I0394-06	Drinking Water	Grab	09/07/2016 12:05	09/07/2016 16:13
WNY-208	16I0394-07	Drinking Water	Grab	09/07/2016 12:56	09/07/2016 16:13

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-184

16I0394-01 (Drinking Water) Sampled: 09/07/2016 10:36; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	0697GK	**pH:**	8.41	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	0.95	**GW Elev.(ft):**	NA
Temp. (C):	27.4	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Melanie C. Duszynski

Melanie C. Duszynski For Curtis B. Read, Project Manager

Original Report

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-211

16I0394-02 (Drinking Water) Sampled: 09/07/2016 10:59; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	0697GK	**pH:**	8.48	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	2.8	**GW Elev.(ft):**	NA		
Temp. (C):	24.6	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-123

16I0394-03 (Drinking Water) Sampled: 09/07/2016 11:20; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	0697GK	**pH:**	8.24	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	1.99	**GW Elev.(ft):**	NA		
Temp. (C):	24.0	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

Melanie C. Duszynski

Melanie C. Duszynski For Curtis B. Read, Project Manager

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-111

16I0394-04 (Drinking Water) Sampled: 09/07/2016 11:44; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	0697GK	**pH:**	8.46	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	3.1	**GW Elev.(ft):**	NA		
Temp. (C):	25.2	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	

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Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-105

16I0394-05 (Drinking Water) Sampled: 09/07/2016 12:27; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	0697GK	**pH:**	8.40	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	3.0	**GW Elev.(ft):**	NA		
Temp. (C):	24.4	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	

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Melanie C. Duszynski For Curtis B. Read, Project Manager

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-22

16I0394-06 (Drinking Water) Sampled: 09/07/2016 12:05; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	0697GK	**pH:**	8.36	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	3.0	**GW Elev.(ft):**	NA		
Temp. (C):	25.4	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-208

16I0394-07 (Drinking Water) Sampled: 09/07/2016 12:56; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	0697GK	**pH:**	8.2	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	2.8	**GW Elev.(ft):**	NA
Temp. (C):	26.5	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	090716 1730	090816 1300	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

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Melanie C. Duszynski For Curtis B. Read, Project Manager

Original Report

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

Project Requested Certification(s):

A2LA (Environmental)
State of Maryland (Drinking Water)

Analyte Certification Exception Summary

No certification exceptions

All analysis performed were analyzed under the required certification unless otherwise noted in the above summary.

Certification List

Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

Code	Description	Certification Number	Expires
Microbac Laboratories, Inc. - Baltimore			
A2LA1	A2LA (Biology)	410.02	04/30/2017
A2LA2	A2LA (Environmental)	410.01	04/30/2017
VA-B	Commonwealth of Virginia (NELAC) - Baltimore	460285	03/14/2017
CPSC	CPSC Testing of Childrens Products and Jewelry	1115	04/30/2017
Pb	Environmental Lead (ELLAP)	410.01	04/30/2017
MD	State of Maryland (Drinking Water)	109	06/30/2017
WV	West Virginia	054	09/30/2016
Microbac Laboratories, Inc. - Richmond			
VA-R	Commonwealth of Virginia (NELAC) - Richmond	460022	06/14/2017

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Inspection Experts, Inc	Project: WNY	Report: 16I0394
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/13/2016 10:55
Columbia, MD 21045	Project Manager: Kosala De Silva	

Qualifiers/Notes and Definitions

General Definitions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Cooler Receipt Log

Cooler ID: Default Cooler **Cooler Temp:** 0.10°C **Work Order:** 16I0394

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Instructions for completing the Chain of Custody Record on back.

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Chain of Custody Record

Customer
Name: Inspection Experts Inc.
Address: 9220 Rumsey Road, Bay #5
Columbia, MD 21045

Project Information
Name: WNY
Number: 15-0011-214
PO:

Turn Around Time
(●) Standard ( ) RUSH*
Needed By:

Compliance
( ) Yes ( ) No
Agency:

Contact
Name: Kosala De Silva
Number: 410-715-3939
Email: kosala@ieinc.net

Sampler
Name: Gayan Kularathne
Phone: 240-252-0841
Cert ID:*** 0697GK

Report Options
[ ] EDD
[x] Email kosala@ieinc.net
[ ] Fax

QC Pacakge
(●) Level I
( ) Level II**
( ) Level III**
( ) Level IV**

1610394

Client Sample ID	Matrix****	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	TC P/A SM9223B			pH	Temp (°C)	Total Chlorine (mg/	Comments
								Requested Analysis						
WNY-184	DW	X			09/07/16	1036	1	X			8.41	27.4	0.95	
WNY-211	DW	X			09/07/16	1059	1	X			8.48	24.6	2.8	
WNY-123	DW	X			09/07/16	1120	1	X			8.24	24.0	1.99	
WNY-111	DW	X			09/07/16	1144	1	X			8.46	25.2	3.1	
WNY-105	DW	X			09/07/16	1227	1	X			8.40	24.4	3.0	
WNY-22	DW	X			09/07/16	1205	1	X			8.36	25.4	3.0	
WNY-208	DW	X			09/07/16	1256	1	X			8.22	26.5	2.8	

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive

Sample Disposition [X] Dispose as appropriate [ ] Return [ ] Archive

Number of Containers: 7	**Sampled By (signature)**	**Printed Name/Affiliation** Gayan Kularathne	**Date/Time** 09/07/16 4:13 PM	**Received By (signature)**	**Printed Name/Affiliation** HNWilliams
Cooler Number: Temp upon receipt(°C): 0.1°C	**Relinquished By (signature)**	**Printed Name/Affiliation**	**Date/Time**	**Received By (signature)**	**Printed Name/Affiliation**
Sample Received on Ice or Refrigerated from Client: (Yes) / No	**Relinquished By (signature)**	**Printed Name/Affiliation**	**Date/Time**	**Received for Lab By (signature)**	**Printed Name/Affiliation**
Radiation Scan Acceptable: (Yes) / No					

WHITE - ORIGINAL LAB YELLOW - RECEIPT

 rev.121112

* Please notify lab prior to drop off.
** Surcharge May Apply to add'l QC Packages
*** Sampler certification ID needed for some agencies.
**** Matrix Types: Air(A), Childrens Product(CP), Food(F), Paint(P), Soil/Solid (S), Oil(O), Wipe(WI), Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

Instructions for completing the Chain of Custody Record

Instructions for completing the Chain of Custody Record on back.

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Chain of Custody Record

Page 1 of 1

Customer
Name: Inspection Experts Inc.
Address: 9220 Rumsey Road, Bay #5
Columbia, MD 21045

Project Information
Name: WNY
Number: 15-0011-214
PO:

Turn Around Time
◉ Standard ○ RUSH*
Needed By:

Compliance
○ Yes ○ No
Agency:

Contact
Name: Kosala De Silva
Number: 410-715-3939
Email: kosala@ieinc.net

Sampler
Name: Gayan Kularathne
Phone: 240-252-0841
Cert ID:*** 0697GK

Report Options
☐ EDD
☑ Email kosala@ieinc.net
☐ Fax

QC Pacakge
◉ Level I
○ Level II**
○ Level III**
○ Level IV**

16|0394

Client Sample ID	Matrix****	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	TC P/A SM9223B			pH	Temp (°C)	Total Chlorine (mg/	Comments
WNY-184	DW	X			09/07/16	1036	1	X			8.41	27.4	0.95	
WNY-211	DW	X			09/07/16	1059	1	X			8.48	24.6	2.8	
WNY-123	DW	X			09/07/16	1120	1	X			8.24	24.0	1.99	
WNY-111	DW	X			09/07/16	1144	1	X			8.46	25.2	3.1	
WNY-105	DW	X			09/07/16	1227	1	X			8.40	24.4	3.0	
WNY-22	DW	X			09/07/16	1205	1	X			8.36	25.4	3.0	
WNY-208	DW	X			09/07/16	1256	1	X			8.22	26.5	2.8	

Requested Analysis

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive

Sample Disposition [X] Dispose as appropriate [ ] Return [ ] Archive

Number of Containers: 7	Sampled By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Cooler Number:	[signature]	Gayan Kularathne	09/07/16 4:13 pm	[signature]	NNWilliaga
Temp upon receipt(°C): 0.1°C	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Sample Received on Ice or Refrigerated from Client: Yes / No	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received for Lab By (signature)	Printed Name/Affiliation
Radiation Scan Acceptable: Yes / No					

* Please notify lab prior to drop off.
** Surcharge May Apply to add'l QC Packages
*** Sampler certification ID needed for some agencies.
**** Matrix Types: Air(A), Childrens Product(CP), Food(F), Paint(P), Soil/Solid (S), Oil(O), Wipe(WI), Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

WHITE - ORIGINAL LAB YELLOW - RECEIPT

Page 1 of 1 rev.121112

Instructions for completing the Chain of Custody Record

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Microbac Laboratories, Inc., Baltimore Division
Control # 606-03
Effective Date: 07/11/2016
Page 1 of 1

Number of Coolers Received: 1
Client: Inspection Experts Inc.
Form Completed By: Anthony Smith

Receipt Date / Time: 9/7/16 10:13pm
Work Order # 16I0394

Shipper: ☐ Microbac ☑ Client ☐ UPS ☐ FedEx
Custody Tape Intact: YES / NO / NA
Containers Intact: YES / NO
Sample Received on Ice or refrigerated: YES / NO / NA
Infrared (IR) Temperature: 0.1 °C
Radiation Scan: Negative or _____ mR/hr
Chain of Custody Present with shipment: YES / NO
Sample Bottle IDs agree with COC: YES / NO
Preservation requirements met: YES / NO / Not Checked
Correct Number of Containers / Sample Volume: YES / NO (If No, contact client immediately)
Headspace in container: YES / NO / NA
Type of Sample: Water Soil Wipes Oil Filter Solid Sludge Food Swab Other _____

Container Type / Quantity:

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid: If preserved pH <2___, pH >10___
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
P - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
V - ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
S - ___ Unpreserved 8 NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO ___ NaTHIO/EDTA **(Checked at time of Analysis)**

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies:_____

Contact information / Summary of Actions:

Date / Time:_____ Contact:_____ Contact By:_____
Comments:_____

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COVER LETTER

Kosala De Silva
Inspection Experts, Inc
9220 Rumsey Rd., Bay # 5
Columbia, MD 21045
RE: WNY

September 26, 2016
Report No.: 16I1243

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 09/21/2016 14:10.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Test Results
- Certifications/Notes and Definitions
- Cooler Receipt Log
- Chain of Custody

9/26/2016

Final report reviewed by: Curtis B. Read/Project Manager Report issue date

All samples received in proper condition and results conform to ISO 17025 and TNI NELAC standards unless otherwise noted.

If we have not met or exceeded your expectations, please contact Curtis B. Read Project Manager at 410-633-1800. You may also contact Trevor Boyce, President at trevor.boyce@microbac.com

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
WNY-166	16I1243-01	Drinking Water	Grab	09/21/2016 09:10	09/21/2016 14:10
WNY-218	16I1243-02	Drinking Water	Grab	09/21/2016 09:33	09/21/2016 14:10
WNY-212	16I1243-03	Drinking Water	Grab	09/21/2016 10:04	09/21/2016 14:10
WNY-122	16I1243-04	Drinking Water	Grab	09/21/2016 12:24	09/21/2016 14:10
WNY-33	16I1243-05	Drinking Water	Grab	09/21/2016 11:03	09/21/2016 14:10
WNY-175	16I1243-06	Drinking Water	Grab	09/21/2016 12:48	09/21/2016 14:10
WNY-183	16I1243-07	Drinking Water	Grab	09/21/2016 11:28	09/21/2016 14:10
WNY-118	16I1243-08	Drinking Water	Grab	09/21/2016 11:55	09/21/2016 14:10

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-166

16I1243-01 (Drinking Water) Sampled: 09/21/2016 09:10; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	NA	**pH:**	8.26	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	3.0	**GW Elev.(ft):**	NA
Temp. (C):	24.0	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Curtis B. Read, Project Manager

Original Report

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd , Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-218

16I1243-02 (Drinking Water) Sampled: 09/21/2016 09:33; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	NA	**pH:**	8.45	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	3.1	**GW Elev.(ft):**	NA
Temp. (C):	25.4	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-212

16I1243-03 (Drinking Water) Sampled: 09/21/2016 10:04; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	NA	**pH:**	8.21	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	2.9	**GW Elev.(ft):**	NA		
Temp. (C):	25.4	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-122

16I1243-04 (Drinking Water) Sampled: 09/21/2016 12:24; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	NA	**pH:**	8.18	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	3.3	**GW Elev.(ft):**	NA		
Temp. (C):	25.4	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-33

16I1243-05 (Drinking Water) Sampled: 09/21/2016 11:03; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	NA	**pH:**	8.35	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	3.1	**GW Elev.(ft):**	NA		
Temp. (C):	25.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-175

16I1243-06 (Drinking Water) Sampled: 09/21/2016 12:48; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	NA	**pH:**	8.13	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	0.21	**GW Elev.(ft):**	NA		
Temp. (C):	24.8	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-183

16I1243-07 (Drinking Water) Sampled: 09/21/2016 11:28; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	NA	**pH:**	8.05	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	1.51	**GW Elev.(ft):**	NA		
Temp. (C):	26.2	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

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Curtis B. Read, Project Manager

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

WNY-118

16I1243-08 (Drinking Water) Sampled: 09/21/2016 11:55; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes

Field Analysis

Analyst:	NA	**pH:**	8.28	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	3.2	**GW Elev.(ft):**	NA		
Temp. (C):	25.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	NA	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA		
ORP (mV):	NA	**Volume (L):**	NA	**Flow (g/day):**	NA	**Salinity (ppt):**	NA	**Ambient Temp. (°C):**	NA		

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	
E. Coli	**Negative**	per 100ml	1.0	092116 1710	092316 1200	QLW	SM 9223B Colilert	

Microbac Laboratories, Inc. - Baltimore

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 1611243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

Project Requested Certification(s):

A2LA (Environmental)
State of Maryland (Drinking Water)

Analyte Certification Exception Summary

No certification exceptions

All analysis performed were analyzed under the required certification unless otherwise noted in the above summary.

Certification List

Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

Code	Description	Certification Number	Expires
Microbac Laboratories, Inc. - Baltimore			
A2LA1	A2LA (Biology)	410.02	04/30/2017
A2LA2	A2LA (Environmental)	410.01	04/30/2017
VA-B	Commonwealth of Virginia (NELAC) - Baltimore	460285	03/14/2017
CPSC	CPSC Testing of Childrens Products and Jewelry	1115	04/30/2017
Pb	Environmental Lead (ELLAP)	410.01	04/30/2017
MD	State of Maryland (Drinking Water)	109	06/30/2017
WV	West Virginia	054	08/31/2017
Microbac Laboratories, Inc. - Richmond			
VA-R	Commonwealth of Virginia (NELAC) - Richmond	460022	06/14/2017

Microbac Laboratories, Inc. - Baltimore

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Curtis B. Read, Project Manager

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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc	Project: WNY	Report: 16I1243
9220 Rumsey Rd., Bay # 5	Project Number: 15-0011-214	Reported: 09/26/2016 14:42
Columbia, MD 21045	Project Manager: Kosala De Silva	

Qualifiers/Notes and Definitions

General Definitions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Instructions for completing the Chain of Custody Record on back.

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Chain of Custody Record

Page 1 of 1

Customer
Name: Inspection Experts Inc.
Address: 9220 Rumsey Road, Bay #5
Columbia, MD 21045

Project Information
Name: WNY
Number: 15-0011-214
PO:

Turn Around Time
(●) Standard ( ) RUSH*
Needed By:

Compliance
( ) Yes ( ) No
Agency:

Contact
Name: Kosala De Silva
Number: 410-715-3939
Email: kosala@ieinc.net

Sampler
Name: Gayan Kularathne
Phone: 240-252-0841
Cert ID:*** 0697GK

Report Options
[ ] EDD
[x] Email kosala@ieinc.net
[ ] Fax

QC Pacakge
(●) Level I
( ) Level II**
( ) Level III**
( ) Level IV**

1611243

Client Sample ID	Matrix****	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	TC P/A SM 9223B			pH	Total Cl (mg/L)	Temperature (°C)	Comments
								Requested Analysis						
WNY-166	DW	X			09/21/16	0910	1	X			8.26	3.0	24.0	
WNY-218	DW	X			09/21/16	0933	1	X			8.45	3.1	25.4	
WNY-212	DW	X			09/21/16	1004	1	X			8.21	2.9	25.4	
WNY-122	DW	X			09/21/16	1224	1	X			8.18	3.3	25.4	
WNY-33	DW	X			09/21/16	1103	1	X			8.35	3.1	25.3	
WNY-175	DW	X			09/21/16	1248	1	X			8.13	0.21	24.8	
WNY-183	DW	X			09/21/16	1128	1	X			8.05	1.51	26.2	
WNY-118	DW	X			09/21/16	1155	1	X			8.28	3.2	25.1	

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive
Sample Disposition [X] Dispose as appropriate [ ] Return [ ] Archive

Number of Containers: 8	Sampled By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Cooler Number:		Gayan Kularathne	09/21/16 1410		HWillinger
Temp upon receipt(°C): 1.2°C	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Sample Received on Ice or Refrigerated from Client: Yes / No					
Radiation Scan Acceptable Yes / No	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received for Lab By (signature)	Printed Name/Affiliation

* Please notify lab prior to drop off.
** Surcharge May Apply to add'l QC Packages
*** Sampler certification ID needed for some agencies.
**** Matrix Types: Air(A), Childrens Product(CP), Food(F), Paint(P), Soil/Solid (S), Oil(O), Wipe(WI), Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

WHITE - ORIGINAL LAB YELLOW - RECEIPT

rev 121112

GK 9/21/16 1500

Instructions for completing the Chain of Custody Record

MICROBAC®

Microbac Laboratories, Inc.

Baltimore Division

2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

Cooler Receipt Log

Cooler ID: Default Cooler **Cooler Temp:** 1.20°C **Work Order:** 16I1243

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Microbac Laboratories, Inc., Baltimore Division
Control # 606-03
Effective Date: 07/11/2016
Page 1 of 1

Number of Coolers Received:_____ Receipt Date / Time: 09/21
Client:_____ Work Order #_16T
Form Completed By: JWillinger
Shipper: ☐ Microbac ☒ Client ☐ UPS ☐ FedEx
Custody Tape Intact: YES / NO / NA
Containers Intact: YES / NO
Sample Received on Ice or refrigerated: YES / NO / NA
Infrared (IR) Temperature: 1.2 °C
Radiation Scan: Negative or _____mR/hr
Chain of Custody Present with shipment: YES / NO
Sample Bottle IDs agree with COC: YES / NO
Preservation requirements met: YES / NO / Not Checked
Correct Number of Containers / Sample Volume: YES / NO (If No, contact client immediately)
Headspace in container: YES / NO / NA
Type of Sample: Water Soil Wipes Oil Filter Solid Sludge Food Swab Other_____

Container Type / Quantity:

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid: If preserved pH <2___, pH >10___
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
P - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
V - ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
S - ___ Unpreserved 6 NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___NaTHIO ___NaTHIO/EDTA **(Checked at time of Analysis)**

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid If preserved pH <2___, pH >10___

Describe preservation requirements not met:
All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies:_____

Contact information / Summary of Actions:
Date / Time:_____ Contact:_____ Contact By:_____
Comments:_____