NORTHEASTERN ENVIRONMENTAL LABORATORIES, INC.

Tech Law, Inc. Drinking Water Project

Week 5/Sample Batch 5

Brandi Rasinger

3/19/2012

DIM0269787

northeastern environmental laboratories, inc.
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PADEP Lab No: 35-00302 www.neelaboratories.com • neenvironmental@epix.net

ANALYTICAL REPORT

CLIENT: TECH LAW, INC
NIKKI MACDONALD
(303) 746-7647

SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: FB19
SAMPLE DATE : 03/05/12
SAMPLE TIME : 0936
SAMPLE COLLECTOR : CLIENT/JM
SAMPLE ID : 27696

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	**RESULTS**	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/5/2012	1546	3/6/2012	1500	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/5/2012	1505	3/12/2012	1310	cfu/1ml	**<1**	n/a	1

SAMPLE COMMENTS :

TOTAL COLIFORM BACTERIA IS A GENERAL INDICATOR OF THE BACTERIOLOGICAL QUALITY OF WATER. RESULTS ARE EXPRESSED AS THE NUMBER OF COLIFORM ORGANISMS PER 100 MILLILITERS OF WATER. THE US EPA AND THE PA DEP HAVE DETERMINED THAT PUBLIC WATER SUPPLY SAMPLES IN WHICH COLIFORM BACTERIA ARE FOUND ARE UNSUITABLE FOR DRINKING.

MCL / MAXIMUM CONTAMINANT LEVEL - THE MAXIMUM PERMISSIBLE LEVEL OF A CONTAMINANT IN WATER WHICH IS DELIVERED TO A PUBLIC WATER SYSTEM ESTABLISHED UNDER THE FEDERAL SAFE EDRINKING WATER ACT.

QL- THE MINIMUM DETECTABLE LEVEL OF A CONTAMINANT BASED ON THE METHOD USED.

REVIEWED BY : John Scheatzle

John Scheatzle, President

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ANALYTICAL REPORT

CLIENT: TECH LAW, INC
NIKKI MACDONALD
(303) 746-7647

SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: HW60
SAMPLE DATE : 03/05/12
SAMPLE TIME : 1225
SAMPLE COLLECTOR : CLIENT/MF
SAMPLE ID : 27697

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	**RESULTS**	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/5/2012	1547	3/6/2012	1500	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/5/2012	1507	3/12/2012	1310	cfu/1ml	**14**	n/a	1

SAMPLE COMMENTS :

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ANALYTICAL REPORT

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SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: HW56
SAMPLE DATE : 03/05/12
SAMPLE TIME : 1225
SAMPLE COLLECTOR : CLIENT/MF
SAMPLE ID : 27715

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	**RESULTS**	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/6/2012	1520	3/7/2012	1500	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/6/2012	1513	3/13/2012	1430	cfu/1ml	**22**	n/a	1

SAMPLE COMMENTS :

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ANALYTICAL REPORT

CLIENT: TECH LAW, INC
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SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: FB20
SAMPLE DATE : 03/06/12
SAMPLE TIME : 1400
SAMPLE COLLECTOR : CLIENT/JM
SAMPLE ID : 27753

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	**RESULTS**	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/7/2012	1606	3/8/2012	1440	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/7/2012	1209	3/14/2012	1230	cfu/1ml	**<1**	n/a	1

SAMPLE COMMENTS :

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ANALYTICAL REPORT

CLIENT: TECH LAW, INC
NIKKI MACDONALD
(303) 746-7647

SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: HW61
SAMPLE DATE : 03/06/12
SAMPLE TIME : 1542
SAMPLE COLLECTOR : CLIENT/MF
SAMPLE ID : 27752

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	**RESULTS**	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/7/2012	1603	3/8/2012	1440	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/7/2012	1207	3/14/2012	1230	cfu/1ml	**60**	n/a	1

SAMPLE COMMENTS :

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ANALYTICAL REPORT

CLIENT: TECH LAW, INC
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SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: HW61-P
SAMPLE DATE : 03/06/12
SAMPLE TIME : 1600
SAMPLE COLLECTOR : CLIENT/BB
SAMPLE ID : 27754

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	**RESULTS**	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/7/2012	1605	3/8/2012	1440	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/7/2012	1211	3/14/2012	1230	cfu/1ml	**71**	n/a	1

SAMPLE COMMENTS :

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ANALYTICAL REPORT

CLIENT: TECH LAW, INC
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SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: HW61Z
SAMPLE DATE : 03/06/12
SAMPLE TIME : 1542
SAMPLE COLLECTOR : CLIENT/MF
SAMPLE ID : 27755

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	RESULTS	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/7/2012	1604	3/8/2012	1440	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/7/2012	1212	3/14/2012	1230	cfu/1ml	**60**	n/a	1

SAMPLE COMMENTS :

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REPORT DATE: 3/19/2012

DIM0269795

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ANALYTICAL REPORT

CLIENT: TECH LAW, INC
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SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: FB21
SAMPLE DATE : 03/08/12
SAMPLE TIME : 1338
SAMPLE COLLECTOR : CLIENT/JM
SAMPLE ID : 27916

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	**RESULTS**	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/9/2012	1616	3/10/2012	1500	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/9/2012	1103	3/16/2012	1203	cfu/1ml	**<1**	n/a	1

SAMPLE COMMENTS :

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SAMPLE TYPE : DRINKING WATER
SAMPLE SOURCE: HW50
SAMPLE DATE : 03/08/12
SAMPLE TIME : 1509
SAMPLE COLLECTOR : CLIENT/MF
SAMPLE ID : 27917

PARAMETER	METHOD	LAB TECH	SAMPLE ANALYSIS START DATE	START TIME	END DATE	END TIME	UNITS	**RESULTS**	MCL	QL
TOTAL COLIFORM BACTERIA	SM 9222B	BR	3/9/2012	1617	3/10/2012	1500	cfu/100ml	**<1**	<1	1
HETEROTROPHIC PLATE COUNT	SM 9215C	BR	3/9/2012	1106	3/16/2012	1203	cfu/1ml	**2**	n/a	1

SAMPLE COMMENTS :

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REVIEWED BY : John Scheatzle, President

DIM0269787

Analysis Date: 03/05/12

Heterotrophic Plate Count Standard Method 9215 C

Batch	1
Analyst	BR

Media	R2A Agar (BD Difco) Lot # 1220412

Sample		Sampled		Analysis						Analyzed Within Hold Time? (Y/N)	Volume (ml)	Total Colonies Counted	Report CFUs/1ml	Reporting Level CFUs/1ml
				Start			End							
Lab ID	Client	Date	Time	Date	Time	Temp °C	Date	Time	Temp °C					
N/A	Ex. 4 - CBI	N/A	N/A	03/05/12	15:00	26.5°C	03/12/12	13:10	25.5°C	N/A	1mL	0	<1	1
27696	Tech Law (FB19)	3/5/12	0936	03/05/12	15:05	↓	↓	↓	↓	Y	1mL 1mL	0 0	<1	1
27697	Tech Law (HW60)	03/05/12	1225	03/05/12	15:07	↓	↓	↓	↓	Y	1mL 1mL	15 13	14	1
	~~Tech Law~~	BR 3/5/12			15:09	↓				Y	1mL 1mL			1
N/A	Ex. 4 - CBI	Batch #2 Stock A		03/05/12	15:11	↓	03/07/12	15:00	26.5°C	N/A	0.5mL	127	254	2
N/A		Batch #2 Stock A		03/05/12	15:13	↓	↓	↓	↓	N/A	0.5mL	213	426	2
N/A		Batch #2 Stock A		03/05/12	15:15	↓	↓	↓	↓	N/A	0.5mL	171	342	2

Calculations:

Analysis Date: 03/06/12

Heterotrophic Plate Count Standard Method 9215 C

Batch	1
Analyst	BR

Media	R2A Agar (BD Difco) Lot # 1220412

Sample		Sampled		Analysis						Analyzed Within Hold Time? (Y/N)	Volume (ml)	Total Colonies Counted	Report CFUs/1ml	Reporting Level CFUs/1ml
				Start			End							
Lab ID	Client	Date	Time	Date	Time	Temp °C	Date	Time	Temp °C					
N/A	Ex. 4 - CBI	N/A	N/A	03/06/12	15:10	26.5°C	03/13/12	14:30	26.5°C	N/A	1mL	0	<1	1
27715	TechLaw (HW56)	03/05/12	1654	03/06/12	15:13	26.5°C	↓	↓	26.5°C	Y	1mL 1mL	23 20	22	1

Calculations:

Verbal Given
3/15/12 @ 13:30 BR

Analysis Date: 03/07/12

Heterotrophic Plate Count Standard Method 9215 C

Batch	1
Analyst	BR

Media	R2A Agar (BD Difco) Lot# 1220412

Sample		Sampled		Analysis						Analyzed Within Hold Time? (Y/N)	Volume (ml)	Total Colonies Counted	Report CFUs/1ml	Reporting Level CFUs/1ml
				Start			End							
Lab ID	Client	Date	Time	Date	Time	Temp °C	Date	Time	Temp °C					
N/A	Ex. 4 - CBI	N/A	N/A	03/07/12	12^05	26.5°C	03/14/12	BR 3/15/12 ~~03/15T~~ 1230	28.5°C	N/A	1mL	0	<1	1
27752	Tech Law (HW61)	03/06/12	15^42		12^07					Y	1mL 1mL	57 63 both have spreaders	60	1
27753	Tech Law (FB20)		14^00		12^09					Y	1mL 1mL	0 0	<1	1
27754	Tech Law (HW61-P)		16^00		12^11					Y	1mL 1mL	74 68 both have spreaders	71	1
27755	Tech Law (HW61Z)		15^42		12^13					Y	1mL 1mL	60 59 both have spreaders	60	1

Calculations:

Verbal given 3/15/12 @ 1330 BR

DIM0269787

DIM0269799

Analysis Date: 03/09/12

Heterotrophic Plate Count Standard Method 9215 C

Batch	1
Analyst	BR

Media	BD Difco R2A Agar lot # 1220412

Sample		Sampled		Analysis						Analyzed Within Hold Time? (Y/N)	Volume (ml)	Total Colonies Counted	Report CFUs/1ml	Reporting Level CFUs/1ml
				Start			End							
Lab ID	Client	Date	Time	Date	Time	Temp °C	Date	Time	Temp °C					
N/A	Ex. 4 - CBI	N/A	N/A	03/09/12	1100	25.5°C	03/16/12	1203	24.5°C	N/A	1mL	0	<1	1
27416	Tech Law (FB21)	03/08/12	1338	↓	1103	↓	↓	↓	↓	Y	1mL 1mL	0 0	<1	1
27417	Tech Law (HWS0)	03/08/12	1509	↓	1106	↓	↓	↓	↓	Y	1mL 1mL	1 2	2	1

Calculations: Verbal given 3/16/12 @ 1230 BR

DIM0269787

DIM0269800

Analysis Date: 03/05/12

Total Coliforms Standard Method 9222 B

Batch	1
Analyst	BR

Media	Mendo 10-2012

Filters	Millipore FIMA 96853

Plates	Petri Tite 10110471

Plate	Sample Type	Sample Lab ID	Sample Client	Sampled Date	Sampled Time	Analysis Start Date	Analysis Start Time	Analysis End Date	Analysis End Time	Analyzed Within Hold Time? (Y/N)	Volume (mL)	Typical Coliform CFUs	Total CFUS	Report CFUs/100mL	Reporting Level CFUs/100mL
St	QC	N/A	Start Blank	BR 03/05/12 03/05/12	1530	03/05/12	1530	03/06/12	1500	N/A	100	0	0	Neg	N/A
1	A	27685	Ex. 4 - CBI	03/05/12	0745		1531			Y	100			<1	1
2	A	27686			0720		1532			Y	100			<1	1
3	A	27687			0730		1533			Y	100			<1	1
4	A	27683			0700		1534			Y	100			<1	1
5	A	27681			0800		1535			Y	100			<1	1
6	A	27682			0820		1536			Y	100			<1	1
7	A	27684			0630		1537			Y	100			<1	1
8	A	27704			1120		1538			Y	100			<1	1
9	A	27702			1305		1539			Y	100			<1	1
10	A	27699			1255		1540			Y	100			<1	1
BL	QC	N/A		N/A	N/A		1541			BR 3/5/12 Y/N/A	100	0	0	Neg	N/A
11	A	27700		03/05/12	1205		1542			Y	100			<1	1
12	A	27703		(e)	1115		1543			Y	100			<1	1
13	A	27701			1325		1544			Y	100			<1	1
14	A	27705			1415		1545			Y	100			<1	1
15	B	27696	Techlaw (FB19)		0936		1546			Y	100	0	0	<1	1
16	B	27697	Techlaw (HW60)		1235		1547			Y	100	*16	19	<1	1
17	B	27681	Ex. 4 - CBI	03/04/12	1600		1548			Y	100	~~0~~	~~0~~	<1	1
18	B	27695		03/05/12	1130		1549			Y	100			<1	1
19	B	27694			1150		1550			Y	100			<1	1
20	BC	27698			1200		1551			Y	100			<1	1
BL	QC	N/A		N/A	N/A		1552			N/A	100	0	0	Neg	N/A
P.A.	QC	P. aeruginosa		N/A	N/A		1553			N/A	100	0	0	Neg	N/A
E.A.	QC	E. aerogenes		N/A	N/A		1555			N/A	100	TNTC	TNTC	Pos	N/A
E.C.	QC	E. coli		N/A	N/A		1557			N/A	100	TNTC	TNTC	Pos	N/A
E	QC	N/A		N/A	N/A		1600			N/A	100	0	0	Neg	N/A

* Questionable if typical or not, slight sheen or just dark. Confirmed negative.

Calculations:

Analysis Date: 03/06/12

Total Coliforms Standard Method 9222 B

Batch	1
Analyst	BR

Media	Merck 10-2012

Filters	Millipore FIMA 96853

Plates	Detri Tite 1011047/1

Plate	Sample Type	Sample Lab ID	Sample Client	Sampled Date	Sampled Time	Analysis Start Date	Analysis Start Time	Analysis End Date	Analysis End Time	Analyzed Within Hold Time? (Y/N)	Volume (ml)	Typical Coliform CFUs	Total CFUS	Report CFUs/100ml	Reporting Level CFUs/100ml
St	QC	N/A	Start Blank	N/A	N/A	03/06/12	1515	03/07/12	1500	N/A	100	0	0	Neg	N/A
1	A	27709	Ex. 4 - CBI	03/06/12	1030		1516			Y				<1	1
2	A	27716			1000		1517			Y				<1	1
3	A	27718			0800		1518			Y				<1	1
4	A	27717			1245		1519			Y				<1	1
5	B	27715	Techlaw (HW56)	03/05/12	1654		1520			Y				<1	1
6	B	27708	Ex. 4 - CBI	03/06/12	0925		1521			Y				<1	1
7	B	27707		03/05/12	1600		1522			Y				<1	1
8	C	27719		03/06/12	0930		1523			Y				<1	1
9	C	27720			1350		1524			Y				<1	1
10	C	27722			1030		1525			Y				<1	1
BL	QC	N/A		N/A	N/A		1526			Y				<1	N/A
11	C	27724		03/06/12	1415		1527			Y				<1	1
12	C	27723			0800		1528			Y				<1	1
13	C	27721			1030		1529			Y				<1	1
E	QC	N/A		N/A	N/A		1530			N/A		0	0	Neg	
14	B	27751		03/06/12	1400		1530			Y		0	0	<1	N/A
BR 3/6/12															

Calculations:

Analysis Date: 03/07/12 1 of 2 Total Coliforms Standard Method 9222 B

Batch	1
Analyst	BR

Media	Mrendo 10-2012

Filters	Millipore FIMA 96853

Plates	Petri Tite 1011047/1

Plate	Sample Type	Sample Lab ID	Sample Client	Sampled Date	Sampled Time	Analysis Start Date	Analysis Start Time	Analysis End Date	Analysis End Time	Analyzed Within Hold Time? (Y/N)	Volume (ml)	Typical Coliform CFUs	Total CFUS	Report CFUs/100ml	Reporting Level CFUs/100ml
St	QC	N/A	Start Blank	N/A	N/A	03/07/12	1600	03/08/12	1440	N/A	100	0	0	Neg	N/A
1	A	27760	Ex. 4 - CBI	03/07/12	0950		1601			Y	100	0	0	<1	1
2	D	27825			1000		1602			Y	100	0	0	<1	1
3	B	27752	Techlaw (HW61)	03/06/12	1542		1603			Y	100	0	0	<1	1
4	B	27755	Techlaw (HW61Z)		1542		1604			Y	100	0	3	<1	1
5	B	27754	Techlaw (HW61-P)		1600		1605			Y	100	0	5	<1	1
6	B	27753	Techlaw (FB20)		1400		1606			Y	100	0	0	<1	1
7	B	27756		03/06/12	~~0530~~ 1738 3/7/12		1607			Y	100	0	0	<1	1
8	B	27758		03/06/12	1600		1608			Y	100	0	0	<1	1
9	C	27792		03/07/12	1000		1609			Y	100	0	0	<1	1
10	C	27793			1010		1610			Y	100	0	0	<1	1
BL	QC	N/A		N/A	N/A		1611			3/7/12 BR N/A	100	0	0	Neg	N/A
11	C	27788		03/07/12	0950		1612			Y	100	0	0	<1	1
12	C	27791			1020		1613			Y	100	0	0	<1	1
13	C	27787			1000		1614			Y	100	0	0	<1	1
14	C	27789			1000		1615			Y	100	0	0	<1	1
15	C				0940		1616			Y	100	0	0	<1	1
16	C	27790			0940		1617			Y	100	0	0	<1	1
17	C	27786			0950		1618			Y	100	0	0	<1	1
18	C	27757			0735		1619			Y	100	0	0	<1	1
19	C	27785			0815		1620			Y	100	0	0	<1	1
20	C	27801			1050		1621			Y	100	0	0	<1	1
BL	QC	N/A		N/A	N/A		1622			N/A	100	0	0	Neg	N/A
21	C	27802		03/07/12	1105		1623			Y	100	0	0	<1	1
22	C	27798			1105		1624			Y	100	0	0	<1	1
23	C	27803			1130		1625			Y	100	0	0	<1	1
24	C	27799	Ex. 4 - CBI		1120		1626			Y	100	0	0	<1	1
25	C	27797			1120		1627			Y	100	0	0	<1	1

Calculations:

Analysis Date: 03/07/12 2 of 2 Total Coliforms Standard Method 9222 B

Batch	1
Analyst	BB

Media	M-endo 10-2012

Filters	Millipore FIMA9685 3

Plates	Detni Tite 1011047/1

Plate	Sample Type	Sample Lab ID	Sample Client	Sampled Date	Sampled Time	Analysis Start Date	Analysis Start Time	Analysis End Date	Analysis End Time	Analyzed Within Hold Time? (Y/N)	Volume (mL)	Typical Coliform CFUs	Total CFUS	Report CFUs/100mL	Reporting Level CFUs/100mL
26	C	27795	Ex. 4 - CBI	03/07/12	1050	03/07/12	1628	03/08/12	1440	Y	100	0	0	<1	1
27	C	27796		↓	1030	↓	1629	↓	↓	Y	100	0	0	<1	1
28	C	27794			1010		1630			Y	100	0	0	<1	1
29	C	27800		↓	1030		1631			Y	100	0	0	<1	1
E	QC	N/A	Eng Blank	N/A	N/A	↓	1632	↓	↓	N/A	100	0	0	Neg	1

Calculations:

DIM0269787

DIM0269804

DIM0269787

Analysis Date: 03/09/12

Total Coliforms Standard Method 9222 B

Batch	1
Analyst	BR

Media	m-endo 10-2012

Filters	Millipore FIMA 96FS3

Plates	Petrifite 10 11047 / 1

Plate	Sample Type	Sample		Sampled		Analysis				Analyzed Within Hold Time? (Y/N)	Volume (ml)	Typical Coliform CFUs	Total CFUS	Report CFUs/100ml	Reporting Level CFUs/100ml
						Start		End							
		Lab ID	Client	Date	Time	Date	Time	Date	Time						
St	QC	N/A	Start Blank	N/A	N/A	03/09/12	1615	03/10/12	1500	N/A	100	0	0	Neg	N/A
1	B	27916	Techlaw (FB21)	03/08/12	1338	↓	1616	↓	↓		↓	↓	↓	<1	1
2	B	27917	Techlaw (HWSO)	↓	1509		1617							<1	1
3	B	27921	RIS (Mayerski)	03/09/12	1400		1618							<1	1
4	B	27922	RIS (Hahn)		1200		1619							<1	1
5	B	27923	RIS (Genova)		1000		1620							<1	1
6	C	27913	Scr. H.S. (P)		0930		1621							<1	1
7	C	27912	W. Scr. I.S. (P)		0900		1622							<1	1
E	QC	N/A	End Blank	N/A	N/A	↓	1623	↓	↓		↓	↓	↓	Neg	N/A

Calculations:

DIM0269805

USEPA CLP Generic COC (LAB COPY)
DateShipped: 3/5/2012
CarrierName: Courier for Northeastern
AirbillNo:

CHAIN OF CUSTODY RECORD

Case #: R33917

No: 3-030512-174456-0245
Lab: Northeastern Environmental Labs
Lab Contact: John Scheatzle
Lab Phone: 570.348.0775

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
HW56	Drinking Water/ Mike Ferrier	Grab	Bacteria(14)	19123 (Na2S2O3/ 125mlSterilePoly) (1)	HW56	03/05/2012 16:54	

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

C

Sample: HW56 Case: R33917
Station Location: HW56
Date: 3/5/2012 Time:16:54 Grab
Preservation: Na2S2O3/ 125mlSterilePoly
Analyses: 17-Bacteria - Fecal & Total Coliform, HPC
Sampler: Mike Ferrier MS/MSD: y
Tag: 19123

			ed by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
1	M Iacovone	3/5/12	Sarah Collette	3/5/12	18:00						

Temp: 8.5°C
Temp Blank: 9.2°C

DIM0269787
DIM0269806

USEPA CLP Generic COC (LAB COPY)

DateShipped: 3/5/2012

CarrierName: Courier for Northeastern

AirbillNo:

CHAIN OF CUSTODY RECORD

Case #: R33917

No: 3-030512-132204-0241

Lab: Northeastern Environmental Labs

Lab Contact: John Scheatzle

Lab Phone: 570.348.0775

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
FB19	Aqueous/ Joel Munson	Grab	Bacteria(14)	19056 (Na2S2O3/ 125mlSterilePoly) (1)	FB19	03/05/2012 09:36	
HW60	Drinking Water/ Mike Ferrier	Grab	Bacteria(14)	19089 (Na2S2O3/ 125mlSterilePoly) (1)	HW60	03/05/2012 12:25	

Sample: FB19 Case: R33917
Station Location: FB19
Date: 3/5/2012 Time:09:36 Grab
Preservation: Na2S2O3/ 125mlSterilePoly
Analyses: 17-Bacteria - Fecal & Total Coliform, HPC
Sampler: Joel Munson MS/MSD: N
Tag: 19056

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: Bacteria=17-Bacteria - Fecal & Total Coliform, HPC

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
2	[illegible]	03/05/12	[illegible]	3.5.12	1341						

Temp: 12.5°C
TempBlank: 13.1°C

DIM0269787

DIM0269807

USEPA CLP Generic COC (LAB COPY)
DateShipped: 3/6/2012
CarrierName: Courier for Northeastern
AirbillNo:

CHAIN OF CUSTODY RECORD

Case #: R33917

No: 3-030612-174420-0251
Lab: Northeastern Environmental Labs
Lab Contact: John Scheatzle
Lab Phone: 570.348.0775

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
FB20	Aqueous/ Joel Munson	Grab	Bacteria(14)	19246 (Na2S2O3/ 125mlSterilePoly) (1)	FB20	03/06/2012 14:00	
HW61	Drinking Water/ Mike Ferrier	Grab	Bacteria(14)	19176 (Na2S2O3/ 125mlSterilePoly) (1)	HW61	03/06/2012 15:42	
HW61-P	Drinking Water/ Brian Burris	Grab	Bacteria(14)	19220 (Na2S2O3/ 125mlSterilePoly) (1)	HW61-P	03/06/2012 16:00	
HW61z	Drinking Water/ Mike Ferrier	Grab	Bacteria(14)	19202 (Na2S2O3/ 125mlSterilePoly) (1)	HW61	03/06/2012 15:42	

Sample: HW61-P Case: R33917
Station Location: HW61-P
Date: 3/6/2012 Time:16:00 Grab
Preservation: Na2S2O3/ 125mlSterilePoly
Analyses: 17-Bacteria - Fecal & Total Coliform, HPC
Sampler: Brian Burris MS/MSD: N
Tag: 19220

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
4	[illegible]	03/06/12	[illegible]	3/6/12	18:15						

Temp: 6.0°C

DIM0269787
DIM0269808

USEPA CLP Generic COC (LAB COPY)

DateShipped: 3/8/2012
CarrierName: Courier for Northeastern
AirbillNo:

CHAIN OF CUSTODY RECORD

Case #: R33917

No: 3-030812-163028-0258

Lab: Northeastern Environmental Labs
Lab Contact: John Scheatzle
Lab Phone: 570.348.0775

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
FB21	Aqueous/ Joel Munson	Grab	Bacteria(14)	18964 (Na2S2O3/ 125mlSterilePoly) (1)	FB21	03/08/2012 13:38	
HW50	Drinking Water/ Mike Ferrier	Grab	Bacteria(14)	19003 (Na2S2O3/ 125mlSterilePoly) (1)	HW50	03/08/2012 15:09	

Sample: HW50 Case: R33917
Station Location: HW50
Date: 3/8/2012 Time:15:09 Grab
Preservation: Na2S2O3/ 125mlSterilePoly
Analyses: 17-Bacteria - Fecal & Total Coliform, HPC
Sampler: Mike Ferrier MS/MSD: N
Tag: 19003

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: Bacteria=17-Bacteria - Fecal & Total Coliform, HPC

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
2	[illegible]	3/8/12	[illegible]	3/8/12	17:50						

Temp blank: 6.3°C
Temp: 5.8°C

DIM0269787
DIM0269809

m-FC and m-ENDO Quality Control

Batch Code	Date Prepared	Broth	Lot	Sterility	*Pseudomonas aeruginosa*	*Enterobacter aerogenes*	*Escherichia coli*	Tech
5-2012	1/30/12	Mendo	1261174	Neg	–	+	+	BR
		mFC	288320	Neg	–	–	+	BR
6-2012	2/6/12	m-endo	1261174	Neg	–	+	+	BR
BR 2/6/12 7-2012		m-FC	288320	Neg	–	BR 2/7/12 + –	+	BR
7-2012	2/13/12	m-endo	1261174	Neg	–	+	+	BR
		m-FC	288320	Neg	–	–	+	BR
08-2012	2/20/12	m-endo	BD 1261174	Neg	–	+	+	BR
		m-FC	BD 288320	Neg	–	–	+	BR
09-2012	2/27/12	m-endo	BD 1261174	Neg	–	+	+	BR
		m-FC	BD 288320	Neg	–	–	+	BR
10-2012	03/05/12	m-endo	BD 1261174	Neg	–	+	+	BR
		m-FC	BD 288320	Neg	–	–	+	BR
11-2012	03/12/12	m-endo	BD 1261174	Neg	–	+	+	BR
		m-FC	BD 288320	Neg	–	–	+	BR

LABORATORY BENCHSHEET

Client:

NEEL REAGENT WATER
MONTHLY ANALYSIS

Sample Date: **3/6/2012**

PARAMETER	RESULT	LIMIT	ANALYSIS START DATE	ANALYSIS START TIME	ANALYSIS END* DATE	ANALYSIS END* TIME	TECH
CONDUCTIVITY	<1.0	<2.0 µmhos / cm	03/06/12	1015	N/A	N/A	BR
CHLORINE RESIDUAL	<0.01	< 0.1 mg / L	03/06/12	1017	N/A	N/A	BR
HETEROTROPIC PLATE COUNT Sm 9215 C	Plate 1 <1 Plate 2 <1 Final Result <1	< 500 CFU / ml	03/06/12	1030	03/08/12	1100	BR

NOTES:

Microbiologics®

217 Osseo Avenue North
St. Cloud MN 56303
United States
320-253-1640
www.microbiologics.com
Tax ID # 41-0978292

Packing Slip

Acct. No.	Order Date	Order #
101499	10/28/2011	65104

Bill To	Ship To
NE ENVIRONMENTAL LABS 1620 NORTH MAIN AVE SCRANTON PA 18508	NE ENVIRONMENTAL LABS 1620 NORTH MAIN AVE SCRANTON PA 18508

Customer PO #	Ship Date	Ship Via	Tracking #	Ship To Details
11-081	11/3/2011	FedEx 2Day®	795368136979	

Catalog #	Description	Ordered	Shipped	BackOrdered	Lot No.	ExpiryDate
0416P	Pseudomonas aeruginosa ATCC® 10145™	1	1		416-99-3	
0483P	Escherichia coli ATCC® 8739™	1	1		483-130-8	
0306P	Enterobacter aerogenes ATCC® 13048™	1	1		306-31-7	

Thank you for your business!
CONTACT: Erin
PHONE: 5703480775

Rec'd 11-7-11
BL

All Errors or Omissions must be reported within 7 Days

Tally = 3

F.629 REVISION 2010.Arpil.19/jc.dt

Printed by: Kathy Waninger on 11/3/2011 1...

DIM0269787

DIM0269812

Control Organism Preparation

Pseudomonas aeruginosa

P. aer Batch	Lot Number	Manufacturer Expiration	Reference Stock Prepared	Reference Stock Expires	Working Stock A		Working Stock B		Working Stock C		Working Stock D		Working Stock E		Working Stock F	
					Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp
1	416-99-3	03/2013	11/07/11	02/07/12	11/8/11	12/8/11	11/21/11	12/21/11	12/9/11	1/9/12	12/28/11	11/28/12 2/7/12	1/9/12	2/7/12		
2	416-99-3	03/2013	02/17/12	05/17/12	2/17/12	3/17/12	3/16/12	4/16/12								

DIM0269787

DIM0269813

Control Organism Preparation

Enterobacter aerogenes

E. aer Batch	Lot Number	Manufacturer Expiration	Reference Stock Prepared	Reference Stock Expires	Working Stock A		Working Stock B		Working Stock C		Working Stock D		Working Stock E		Working Stock F	
					Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp
1	306-31-7	07/2012	11/07/11	02/07/12	11/8/11	12/8/11	11/21/11	12/21/11	12/9/11	1/9/12	12/28/11	~~2/7/12~~ 1/28/12	1/9/12	2/7/12		
2	306-31-7	07/2012	02/17/12	05/17/12	02/17/12	3/17/12	3/16/12	4/16/12								

DIM0269787

DIM0269814

Control Organism Preparation

Escherichia coli

E.coli Batch	Lot Number	Manufacturer Expiration	Reference Stock Prepared	Reference Stock Expires	Working Stock A		Working Stock B		Working Stock C		Working Stock D		Working Stock E		Working Stock F	
					Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp	Prep	Exp
1	483-130-8	06/2012	11/07/11	02/07/12	11/8/11	12/8/11	11/8/11	12/8/11	12/9/11	1/9/12	12/25/11	1/28/12 ~~2/9/12~~	1/9/12	2/7/12		
2	483-130-8	06/2012	02/17/12	38 2/17/12 ~~03~~ 3/17/12	2/17/12	3/17/12	3/16/12	4/16/12								