

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <u>NYSDEC Kateman Recycling</u>	
PROJECT NUMBER <u>240658</u>	
SAMPLE ID <u>MW-1</u>	SAMPLE TIME <u>1610</u>

LOCATION ID <u>MW-1</u>	DATE <u>8/3/16</u>
START TIME <u>1518</u>	END TIME <u>1610</u>
SITE NAME/NUMBER <u>558035</u>	PAGE <u>1</u> OF <u>1</u>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☒ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☒ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

YES	NO	N/A
☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐

INITIAL DTW (BMP) <u>7.81</u> FT	FINAL DTW (BMP) <u>10.91</u> FT	PROT. CASING STICKUP (AGS) <u>N/A</u> FT	TOC/TOR DIFFERENCE <u>0.1</u> FT
WELL DEPTH (BMP) <u>14.70</u> FT	SCREEN LENGTH <u>10</u> FT	PID AMBIENT AIR <u>0</u> PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN <u>6.89</u> FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041) <u>0.5</u> GAL	PID WELL MOUTH <u>0</u> PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>1.13</u> GAL	TOTAL VOL. PURGED <u>2</u> GAL	DRAWDOWN/ TOTAL PURGED <u>0.25</u>	PRESSURE TO PUMP _____ PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1518	BEGIN PURGING									
1525	8.17	150	14.2	0.808	6.77	1.26	66.1	134.7	14.0	
1530	8.49	150	14.2	0.778	6.73	1.04	34.4	135.4	14.0	
1535	8.80	150	14.2	0.768	6.71	0.96	19.8	135.0	14.0	
1540	9.24	150	14.1	0.785	6.72	0.81	53.1	133.9	14.0	
1545	9.63	150	14.6	0.813	6.75	0.86	113	131.7	14.0	
1550	9.98	150	14.8	0.862	6.79	1.30	136	129.5	14.0	
1555	10.30	150	14.8	0.867	6.79	1.15	167	128.4	14.0	
1600	10.52	150	14.7	0.883	6.80	1.22	153	126.3	14.0	
1605	10.74	150	14.7	0.895	6.81	1.31	152	124.5	14.0	
1610	10.91	150	14.7	0.897	6.81	1.32	154	124.3	14.0	
Collect Sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))

15 0.897 6.8 1.3 154 120

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ WATERA ☐ OTHER ☐ OTHER	DECON FLUIDS USED ☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	TUBING/PUMP/BLADDER MATERIALS ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	EQUIPMENT USED ☒ WL METER ☐ PID ☒ WQ METER ☒ TURB. METER ☐ PUMP ☐ OTHER ☐ FILTERS NO. _____ TYPE _____
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ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
VOC							
SVOC							
PCB							
PAH Metals							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED ☐ YES ☐ NO

NUMBER OF GALLONS GENERATED 2

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: RJ-J-V Print Name: RYAN JORREY

Checked By: _____ Date: _____



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <i>NYSDEC Katzman Recycling</i>	
PROJECT NUMBER <i>240658</i>	
SAMPLE ID <i>MW-2</i>	SAMPLE TIME <i>1215</i>

LOCATION ID <i>MW-2</i>	DATE <i>8/3/16</i>
START TIME <i>1130</i>	END TIME <i>1215</i>
SITE NAME/NUMBER <i>558035</i>	PAGE <i>1 OF 1</i>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☒ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☒ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

YES	NO	N/A
☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐

INITIAL DTW (BMP) <i>13.41</i> FT	FINAL DTW (BMP) <i>15.49</i> FT	PROT. CASING STICKUP (AGS) <i>2.88</i> FT	TOC/TOR DIFFERENCE <i>0.1</i> FT
WELL DEPTH (BMP) <i>17.80</i> FT	SCREEN LENGTH <i>10</i> FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN <i>4.39</i> FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041) <i>0.34</i> GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <i>0.72</i> GAL	TOTAL VOL. PURGED <i>2.1</i> GAL	DRAWDOWN/ TOTAL PURGED <i>0.16</i>	PRESSURE TO PUMP PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<i>1130</i>	BEGIN PURGING									
<i>1135</i>	<i>13.80</i>	<i>200</i>	<i>13.4</i>	<i>0.589</i>	<i>7.03</i>	<i>3.23</i>	<i>4.80</i>	<i>124.9</i>	<i>16.5'</i>	
<i>1140</i>	<i>14.03</i>	<i>200</i>	<i>13.7</i>	<i>0.585</i>	<i>7.03</i>	<i>3.15</i>	<i>2.80</i>	<i>124.5</i>	<i>16.5'</i>	
<i>1145</i>	<i>14.30</i>	<i>150</i>	<i>14.6</i>	<i>0.580</i>	<i>7.06</i>	<i>3.04</i>	<i>1.16</i>	<i>120.7</i>	<i>16.5'</i>	
<i>1150</i>	<i>14.52</i>	<i>150</i>	<i>14.7</i>	<i>0.583</i>	<i>7.08</i>	<i>2.95</i>	<i>1.32</i>	<i>118.4</i>	<i>16.5</i>	
<i>1155</i>	<i>14.73</i>	<i>150</i>	<i>14.2</i>	<i>0.578</i>	<i>7.08</i>	<i>2.70</i>	<i>1.93</i>	<i>117.0</i>	<i>16.5</i>	<i>Increase pump rate</i>
<i>1200</i>	<i>15.05</i>	<i>250</i>	<i>13.0</i>	<i>0.571</i>	<i>7.11</i>	<i>2.55</i>	<i>2.39</i>	<i>115.3</i>	<i>16.5</i>	<i>to try to reach DTW stable</i>
<i>1205</i>	<i>15.26</i>	<i>250</i>	<i>12.8</i>	<i>0.566</i>	<i>7.14</i>	<i>2.04</i>	<i>1.29</i>	<i>113.6</i>	<i>16.5</i>	
<i>1210</i>	<i>15.39</i>	<i>150</i>	<i>14.1</i>	<i>0.562</i>	<i>7.16</i>	<i>1.95</i>	<i>1.33</i>	<i>111.2</i>	<i>16.5</i>	
<i>1215</i>	<i>15.49</i>	<i>150</i>	<i>14.4</i>	<i>0.566</i>	<i>7.18</i>	<i>1.94</i>	<i>1.21</i>	<i>109.4</i>	<i>16.5</i>	
<i>Collect sample</i>										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ WATTEA ☐ OTHER ☐ OTHER	DECON FLUIDS USED ☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	TUBING/PUMP/BLADDER MATERIALS ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	EQUIPMENT USED ☒ WL METER ☐ PID ☒ WQ METER ☐ TURB. METER ☐ PUMP ☐ OTHER ☐ FILTERS NO. _____ TYPE _____
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ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒ VOL	<i>8260</i>	<i>N</i>	<i>HCl</i>		<i>Y</i>	<i>N</i>	
☒ SVOL	<i>8270</i>	<i>N</i>	<i>N/A</i>		<i>Y</i>	<i>N</i>	
☒ PCB	<i>8082</i>	<i>N</i>	<i>N/A</i>		<i>Y</i>	<i>N</i>	
☒ TAL Metal		<i>N</i>			<i>Y</i>	<i>N</i>	

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED ☐ YES ☒ NO

NUMBER OF GALLONS GENERATED *2.1*

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: *R. J. J.*

Print Name: *Ryan Jarrey*

Checked By:

Date:



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME NYSDEC Katzman Recycling	
PROJECT NUMBER 240658	
SAMPLE ID MW-3	SAMPLE TIME 8/4/16-1200

LOCATION ID MN-3	DATE 8/3/16
START TIME 8/3/16-1310	END TIME 8/4/16 1200
SITE NAME/NUMBER 558035	PAGE 1 OF 1

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☒ 1/8 ☒ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☒ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY			
	YES	NO	N/A
G	☒	☐	☐
D	☒	☐	☐
R	☒	☐	☐

INITIAL DTW (BMP)	16.55 FT	FINAL DTW (BMP)	Dry FT	PROT. CASING STICKUP (AGS)	2.62 FT	TOC/TOR DIFFERENCE	0.1 FT
WELL DEPTH (BMP)	17.81 FT	SCREEN LENGTH	10 FT	PID AMBIENT AIR	PPM	REFILL TIMER SETTING	SEC
WATER COLUMN	1.26 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	1.26 GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	0.2 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	1.3 GAL	DRAWDOWN/ TOTAL PURGED		PRESSURE TO PUMP	PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

[illegible]**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])**

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP		DECON FLUIDS USED		TUBING/PUMP/BLADDER MATERIALS		EQUIPMENT USED				
☒	PERISTALTIC	☒	LIQUINOX	☒	SILICON TUBING	☐	S. STEEL PUMP MATERIAL	☒	WL METER	_____
☐	SUBMERSIBLE	☐	DEIONIZED WATER	☐	TEFLON TUBING	☐	PVC PUMP MATERIAL	☐	PID	_____
☐	BLADDER	☐	POTABLE WATER	☒	TEFLON LINED TUBING	☐	GEOPROBE SCREEN	☒	WQ METER	_____
☐	_____	☐	NITRIC ACID	☐	HDPE TUBING	☐	TEFLON BLADDER	☐	TURB. METER	_____
☐	WATTERA	☐	HEXANE	☐	LDPE TUBING	☐	OTHER	☐	PUMP	_____
☐	OTHER	☐	METHANOL	☐	OTHER	☐	OTHER	☐	OTHER	_____
☐	OTHER	☐	OTHER	☐	OTHER	☐	OTHER	☐	FILTERS	NO. TYPE

ANALYTICAL PARAMETERS

[illegible]

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED ☐ YES ☐ NO

NUMBER OF GALLONS GENERATED 1.3

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: R, 29-2 Print Name: Ryan Torrey

Checked By: _____ Date: _____



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <i>NYSDEC Katzean Recycling</i>	
PROJECT NUMBER <i>240658</i>	
SAMPLE ID <i>MW-5</i>	SAMPLE TIME <i>1430</i>

LOCATION ID <i>MW-5</i>	DATE <i>8/3/16</i>
START TIME <i>1400</i>	END TIME <i>1430</i>
SITE NAME/NUMBER <i>558035</i>	PAGE <i>1 OF 1</i>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☒ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

	YES	NO	N/A
CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☒	☐	☐

INITIAL DTW (BMP) <i>15.87</i> FT	FINAL DTW (BMP) <i>16.77</i> FT	PROT. CASING STICKUP (AGS) <i>2.82</i> FT	TOC/TOR DIFFERENCE <i>0.1</i> FT
WELL DEPTH (BMP) <i>17.90</i> FT	SCREEN LENGTH <i>10</i> FT	PID AMBIENT AIR <i>/</i> PPM	REFILL TIMER SETTING <i>/</i> SEC
WATER COLUMN <i>2.03</i> FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041) <i>0.15</i> GAL	PID WELL MOUTH <i>/</i> PPM	DISCHARGE TIMER SETTING <i>/</i> SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <i>0.33</i> GAL	TOTAL VOL. PURGED <i>0.88</i> GAL	DRAWDOWN/TOTAL PURGED <i>0.17</i>	PRESSURE TO PUMP <i>/</i> PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<i>1400</i>	BEGIN PURGING									
<i>1405</i>	<i>16.14</i>	<i>125</i>	<i>12.7</i>	<i>0.608</i>	<i>7.03</i>	<i>5.61</i>	<i>24.1</i>	<i>114.3</i>	<i>17.5</i>	
<i>1410</i>	<i>16.34</i>	<i>110</i>	<i>13.3</i>	<i>0.608</i>	<i>7.03</i>	<i>5.08</i>	<i>4.01</i>	<i>115.7</i>	<i>17.5</i>	
<i>1415</i>	<i>16.47</i>	<i>110</i>	<i>13.4</i>	<i>0.619</i>	<i>7.09</i>	<i>5.21</i>	<i>2.54</i>	<i>116.2</i>	<i>17.5</i>	
<i>1420</i>	<i>16.58</i>	<i>110</i>	<i>13.6</i>	<i>0.616</i>	<i>7.14</i>	<i>4.98</i>	<i>1.38</i>	<i>115.9</i>	<i>17.5</i>	
<i>1425</i>	<i>16.69</i>	<i>110</i>	<i>13.8</i>	<i>0.611</i>	<i>7.14</i>	<i>5.18</i>	<i>2.24</i>	<i>116.9</i>	<i>17.5</i>	
<i>1430</i>	<i>16.77</i>	<i>110</i>	<i>14.0</i>	<i>0.610</i>	<i>7.15</i>	<i>5.17</i>	<i>2.09</i>	<i>116.6</i>	<i>17.5</i>	
<i>Collect Sample</i>										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

14 *0.61* *7.2* *5.2* *2.09* *120*

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ WATERA ☐ OTHER ☐ OTHER	DECON FLUIDS USED ☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	TUBING/PUMP/BLADDER MATERIALS ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	EQUIPMENT USED ☒ WL METER ☐ PID ☒ WQ METER ☐ TURB. METER ☐ PUMP ☐ OTHER ☐ FILTERS NO. _____ TYPE _____
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ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<i>See COL</i>							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED ☐ YES ☐ NO

NUMBER OF GALLONS GENERATED *0.88*

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: *R. Jorrey* Print Name: *Ryan Jorrey*

Checked By: _____ Date: _____



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME
NYSDEC Katzman Recycling

PROJECT NUMBER
240658

SAMPLE ID
MW-6

SAMPLE TIME
1000

LOCATION ID
MW-6

DATE
8/4/16

START TIME
0922

END TIME
1000

SITE NAME/NUMBER
558035

PAGE
1 OF 1

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☒ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

	YES	NO	N/A
CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☒	☐	☐

INITIAL DTW (BMP)	<u>4.89</u> FT	FINAL DTW (BMP)	<u>9.13</u> FT	PROT. CASING STICKUP (AGS)	<u>2.84</u> FT	TOC/TOR DIFFERENCE	<u>0.1</u> FT
WELL DEPTH (BMP)	<u>18.35</u> FT	SCREEN LENGTH	<u>10</u> FT	PID AMBIENT AIR	<u>—</u> PPM	REFILL TIMER SETTING	<u>—</u> SEC
WATER COLUMN	<u>13.46</u> FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	<u>0.6</u> GAL	PID WELL MOUTH	<u>—</u> PPM	DISCHARGE TIMER SETTING	<u>—</u> SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	<u>2.2</u> GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	<u>1.59</u> GAL	DRAWDOWN/ TOTAL PURGED	<u>0.37</u>	PRESSURE TO PUMP	<u>—</u> PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0922	BEGIN PURGING									
0925	5.58	200	12.0	0.546	7.40	3.00	11.7	52.4	17.0	
0930	6.39	200	12.2	0.465	7.40	6.28	11.5	71.2	17.0	
0935	7.20	150	12.2	0.426	7.45	7.08	14.6	80.3	17.0	
0940	8.00	150	12.3	0.413	7.48	6.80	13.2	79.4	17.0	
0945	8.85	150	12.4	0.410	7.49	6.54	14.5	75.8	17.0	
0950	8.80	150	12.5	0.405	7.50	6.41	16.1	75.4	17.0	
0955	8.89	150	12.5	0.403	7.51	6.30	16.4	78.3	17.0	
1000	9.13	150	12.7	0.403	7.52	6.25	16.6	80.5	17.0	
Collect Sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[Sf])

13 0.403 7.5 6.3 16.6 80

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	DECON FLUIDS USED	TUBING/PUMP/BLADDER MATERIALS	EQUIPMENT USED
☒ PERISTALTIC	☒ LIQUINOX	☒ SILICON TUBING	☐ WL METER
☐ SUBMERSIBLE	☐ DEIONIZED WATER	☐ TEFLON TUBING	☐ PID
☐ BLADDER	☐ POTABLE WATER	☐ TEFLON LINED TUBING	☐ WQ METER
☐ WATTEA	☐ NITRIC ACID	☐ HDPE TUBING	☐ TURB. METER
☐ OTHER	☐ HEXANE	☐ LDPE TUBING	☒ PUMP
☐ OTHER	☐ METHANOL	☐ OTHER	☐ OTHER
	☐ OTHER	☐ OTHER	☐ FILTERS NO. _____ TYPE _____

ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒ See COL							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED ☐ YES ☐ NO

NUMBER OF GALLONS GENERATED 1.59

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: RJ090 Print Name: RYAN TORREY

Checked By:

Date:



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <u>NYSDOT Katzevian Recycling</u>	
PROJECT NUMBER <u>240658</u>	
SAMPLE ID <u>MW-7</u>	SAMPLE TIME <u>1115</u>

LOCATION ID <u>MW-7</u>	DATE <u>8/4/16</u>
START TIME <u>1036</u>	END TIME <u>1115</u>
SITE NAME/NUMBER <u>558035</u>	PAGE <u>1</u> OF <u>1</u>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☒ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

	YES	NO	N/A
CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☒	☐	☐

INITIAL DTW (BMP) <u>4.48</u> FT	FINAL DTW (BMP) <u>8.48</u> FT	PROT. CASING STICKUP (AGS) <u>3.2</u> FT	TOC/TOR DIFFERENCE <u>0.1</u> FT
WELL DEPTH (BMP) <u>17.98</u> FT	SCREEN LENGTH <u>10</u> FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN <u>13.5</u> FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041) <u>0.65</u> GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>2.21</u> GAL	TOTAL VOL. PURGED <u>2.0</u> GAL	DRAWDOWN/ TOTAL PURGED <u>0.3</u>	PRESSURE TO PUMP PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1036	BEGIN PURGING									
1040	5.42	200	14.1	0.348	7.60	7.06	30.7	95.4	16.5	
1045	6.56	200	13.9	0.345	7.56	6.55	33.4	99.9	16.5	
1050	7.49	200	13.9	0.345	7.55	6.15	43.4	101.9	16.5	
1055	8.45	200	14.1	0.344	7.54	5.82	43.6	104.1	16.5	
1100	8.48	200	14.5	0.342	7.55	5.72	35.5	105.9	16.5	
1105	8.48	200	14.7	0.342	7.57	5.67	13.8	106.7	16.5	
1110	8.48	200	14.9	0.344	7.57	5.51	13.9	107.3	16.5	
1115	8.48	200	14.8	0.346	7.58	5.37	13.6	108.0	16.5	
Collect Sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	DECON FLUIDS USED	TUBING/PUMP/BLADDER MATERIALS	EQUIPMENT USED
☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER	☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	☒ SILICON TUBING ☐ TEFLON TUBING ☒ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	☒ S. STEEL PUMP MATERIAL ☐ PVC PUMP MATERIAL ☐ GEOPROBE SCREEN ☐ TEFLON BLADDER ☐ OTHER ☐ OTHER
☐ WATTERA ☐ OTHER ☐ OTHER			☒ WL METER ☐ PID ☐ WQ METER ☐ TURB. METER ☐ PUMP ☐ OTHER ☐ OTHER

ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒ <u>See COL</u>							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED ☐ YES ☐ NO

NUMBER OF GALLONS GENERATED 2

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: Ryan Jorrey Print Name: Ryan Jorrey

Checked By:

Date:



LOW FLOW GROUNDWATER SAMPLING RECORD

10 Maxwell Drive, Suite 200, Clifton Park, NY 12065

PROJECT NAME NYSDEZ Katzman Recycling	
PROJECT NUMBER 240658	
SAMPLE ID 1GTZ-MW-1	SAMPLE TIME 1530

LOCATION ID MW-1	DATE 4/20/17
START TIME 1506	END TIME 1530
SITE NAME/NUMBER 558035	PAGE OF 1

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☐ 1/8 ☒ 1/4 ☒ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☒ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY		
YES	NO	N/A
☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐

INITIAL DTW
(BMP)

FINAL DTW
(BMP) 5.73 FT

PROT, CASING STICKUP (AGS)	N/A	FT
-------------------------------	-----	----

TOC/TOR DIFFERENCE	0.1	FT
-----------------------	-----	----

WELL DEPTH
(BMP) 14.70 FT

SCREEN LENGTH 10 FT

PID	
AMBIENT AIR	PPM

**REFILL TIMER
SETTING**

WATER COLUMN

DRAWDOWN VOLUME 0.34 GAL

PID WELL
MOUTH

DISCHARGE

TIMER SETTING

SEC

CALCULATED
GAL/VOL 1.81 GAL
(column X well diameter squared X 0.041)

TOTAL VOL. PURGED 1.56 GAL

DRAWDOWN/ TOTAL PURGED	0.22
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PRESSURE
TO PUMP

[illegible]

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

TYPE OF PUMP		DECON FLUIDS USED		TUBING/PUMP/BLADDER MATERIALS		EQUIPMENT USED	
☒	PERISTALTIC	☒	LIQUINOX	☒	SILICON TUBING	☒	WL METER
☐	SUBMERSIBLE	☐	DIQUINIZED WATER	☐	TEFLON TUBING	☐	PID
☐	BLADDER	☐	POTABLE WATER	☐	TEFLON LINED TUBING	☐	WQ METER
☐		☐	NITRIC ACID	☒	HDPE TUBING	☐	TURB. METER
☐	WATTERA	☐	HEXANE	☐	LDPE TUBING	☐	PUMP
☐	OTHER	☐	METHANOL	☐	OTHER	☐	OTHER
☐	OTHER	☒	OTHER <i>PLAS Free</i>	☐	OTHER	☐	FILTERS NO. TYPE

[illegible]

PURGE WATER CONTAINERIZED	YES ☒	NO ☐	NUMBER OF GALLONS GENERATED	<u>1.56</u>
NO-PURGE METHOD UTILIZED	YES ☐	NO ☐	If yes, purge approximately 1 standing volume prior to sampling or _____ mL for this sample location.	

SKETCH/NOTES

Sampler Signature: [Signature] Print Name: Wynne Torrey

Checked By: _____ Date: _____



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <i>MISDEC Kutzman Recycling</i>	
PROJECT NUMBER <i>240658</i>	
SAMPLE ID <i>KTZ-MW-2</i>	SAMPLE TIME <i>1630</i>

LOCATION ID <i>MW-2</i>	DATE <i>4/20/17</i>
START TIME <i>1602</i>	END TIME <i>1630</i>
SITE NAME/NUMBER <i>558035</i>	PAGE <i>1 OF 1</i>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☐ 1/8 ☒ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☒ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

	YES	NO	N/A
CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☒	☐	☐

INITIAL DTW (BMP) <i>6.44</i> FT	FINAL DTW (BMP) <i>8.32</i> FT	PROT. CASING STICKUP (AGS) <i>2.88</i> FT	TOC/TOR DIFFERENCE <i>1</i> FT
WELL DEPTH (BMP) <i>17.80</i> FT	SCREEN LENGTH <i>10</i> FT	PID AMBIENT AIR <i>/</i> PPM	REFILL TIMER SETTING <i>/</i> SEC
WATER COLUMN <i>11.36</i> FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041) <i>0.31</i> GAL	PID WELL MOUTH <i>/</i> PPM	DISCHARGE TIMER SETTING <i>/</i> SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <i>1.86</i> GAL	TOTAL VOL. PURGED <i>1.82</i> GAL	DRAWDOWN/TOTAL PURGED <i>0.17</i>	PRESSURE TO PUMP <i>/</i> PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<i>1602</i>	BEGIN PURGING									
<i>1605</i>	<i>7.15</i>	<i>250</i>	<i>11.23</i>	<i>0.255</i>	<i>6.93</i>	<i>5.67</i>	<i>1.7</i>	<i>114.9</i>		
<i>1610</i>	<i>7.51</i>	<i>250</i>	<i>10.18</i>	<i>0.252</i>	<i>6.55</i>	<i>4.95</i>	<i>0.7</i>	<i>126.9</i>		
<i>1615</i>	<i>8.02</i>	<i>250</i>	<i>9.94</i>	<i>0.253</i>	<i>5.99</i>	<i>4.59</i>	<i>0.0</i>	<i>146.4</i>		
<i>1620</i>	<i>8.13</i>	<i>250</i>	<i>9.97</i>	<i>0.253</i>	<i>5.73</i>	<i>4.48</i>	<i>0.3</i>	<i>158.1</i>		
<i>1625</i>	<i>8.23</i>	<i>250</i>	<i>9.66</i>	<i>0.252</i>	<i>5.64</i>	<i>4.38</i>	<i>0.0</i>	<i>160.9</i>		
<i>1630</i>	<i>8.32</i>	<i>250</i>	<i>9.74</i>	<i>0.257</i>	<i>5.64</i>	<i>4.32</i>	<i>0.0</i>	<i>158.9</i>		
<i>Collect Sample</i>										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

10 *0.257* *5.6* *4.32* *0* *160*

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ WATTERA ☐ OTHER ☐ OTHER	DECON FLUIDS USED ☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	TUBING/PUMP/BLADDER MATERIALS ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	EQUIPMENT USED ☒ WL METER ☐ PID ☐ WQ METER ☐ TURB. METER ☐ PUMP ☐ OTHER ☐ FILTERS NO. _____ TYPE _____
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ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS *
<i>See COC</i>							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED ☐ YES ☐ NO

NUMBER OF GALLONS GENERATED *1.82*

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: *R. J. Torrey* Print Name: *Ryan Torrey*

Checked By: _____ Date: _____



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <i>NYSDEC Kutzman Recycling</i>	
PROJECT NUMBER <i>240658</i>	
SAMPLE ID <i>KTZ-MW-3</i>	SAMPLE TIME <i>1430</i>

LOCATION ID <i>MW-3</i>	DATE <i>4/20/17</i>
START TIME <i>1400</i>	END TIME <i>1430</i>
SITE NAME/NUMBER <i>558035</i>	PAGE <i>1 OF 1</i>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☐ 1/8 ☒ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

YES	NO	N/A
☒	☐	☐
☒	☐	☐
☒	☐	☐

INITIAL DTW (BMP) <i>9.30</i> FT	FINAL DTW (BMP) <i>10.21</i> FT	PROT. CASING STICKUP (AGS) <i>2.62</i> FT	TOC/TOR DIFFERENCE <i>0.1</i> FT
WELL DEPTH (BMP) <i>17.82</i> FT	SCREEN LENGTH <i>10</i> FT	PID AMBIENT AIR ☒ PPM	REFILL TIMER SETTING ☒ SEC
WATER COLUMN <i>8.52</i> FT	DRAWDOWN VOLUME <i>0.15</i> GAL	PID WELL MOUTH ☒ PPM	DISCHARGE TIMER SETTING ☒ SEC
CALCULATED GAL/VOL <i>1.40</i> GAL	TOTAL VOL. <i>1.56</i> GAL	DRAWDOWN/TOTAL PURGED <i>0.09</i>	PRESSURE TO PUMP ☒ PSI

(column X well diameter squared X 0.041) (mL per minute X total minutes X 0.00026 gal/mL)

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<i>1400</i>	BEGIN PURGING									
<i>1405</i>	<i>9.53</i>	<i>200</i>	<i>10.16</i>	<i>0.243</i>	<i>6.20</i>	<i>4.71</i>	<i>11.9</i>	<i>137.1</i>		
<i>1410</i>	<i>9.66</i>	<i>200</i>	<i>9.70</i>	<i>0.243</i>	<i>6.06</i>	<i>2.92</i>	<i>7.0</i>	<i>152.8</i>		
<i>1415</i>	<i>9.81</i>	<i>200</i>	<i>9.65</i>	<i>0.246</i>	<i>5.74</i>	<i>2.86</i>	<i>2.7</i>	<i>175.3</i>		
<i>1420</i>	<i>9.95</i>	<i>200</i>	<i>9.53</i>	<i>0.246</i>	<i>5.48</i>	<i>2.67</i>	<i>4.7</i>	<i>193.0</i>		
<i>1425</i>	<i>10.15</i>	<i>200</i>	<i>9.49</i>	<i>0.245</i>	<i>5.44</i>	<i>2.36</i>	<i>6.1</i>	<i>199.1</i>		
<i>1430</i>	<i>10.21</i>	<i>200</i>	<i>9.65</i>	<i>0.245</i>	<i>5.45</i>	<i>2.27</i>	<i>3.7</i>	<i>199.0</i>		
<i>Collect Sample</i>										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

10 *0.245* *5.5* *2.3* *3.7* *200*

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ WATTERA ☐ OTHER ☐ OTHER	DECON FLUIDS USED ☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	TUBING/PUMP/BLADDER MATERIALS ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	EQUIPMENT USED ☒ WL METER ☐ PID ☐ WQ METER ☐ TURB. METER ☐ PUMP ☐ OTHER ☐ FILTERS NO. TYPE
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ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<i>See COL</i>							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED ☐ YES ☐ NO

NUMBER OF GALLONS GENERATED *1.56*

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: *RJ 292* Print Name: *Ryan Torrey*

Checked By: _____ Date: _____



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <i>MSDEC Kutzman Recycling</i>	
PROJECT NUMBER <i>240658</i>	
SAMPLE ID <i>KTZ-MW-4</i>	SAMPLE TIME <i>1730</i>

LOCATION ID <i>MW-4</i>	DATE <i>4/20/17</i>
START TIME <i>1700</i>	END TIME <i>1730</i>
SITE NAME/NUMBER <i>538035</i>	PAGE <i>1 OF 1</i>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☐ 1/8 ☒ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY
YES NO N/A

CAP _____

CASING _____

LOCKED _____

COLLAR _____

INITIAL DTW (BMP) <i>10.34</i> FT	FINAL DTW (BMP) <i>11.28</i> FT	PROT. CASING STICKUP (AGS) <i>2.53</i> FT	TOC/TOR DIFFERENCE _____ FT
WELL DEPTH (BMP) <i>17.95</i> FT	SCREEN LENGTH <i>10</i> FT	PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN <i>7.61</i> FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041) <i>0.15</i> GAL	PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <i>1.25</i> GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL) <i>1.56</i> GAL	DRAWDOWN/ TOTAL PURGED <i>0.09</i>	PRESSURE TO PUMP _____ PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<i>1700</i>	BEGIN PURGING									
<i>1705</i>	<i>10.61</i>	<i>200</i>	<i>12.55</i>	<i>0.378</i>	<i>6.36</i>	<i>3.15</i>	<i>1.7</i>	<i>54.7</i>		
<i>1710</i>	<i>10.74</i>	<i>200</i>	<i>11.38</i>	<i>0.382</i>	<i>6.16</i>	<i>2.58</i>	<i>3.2</i>	<i>56.2</i>		
<i>1715</i>	<i>10.90</i>	<i>200</i>	<i>10.54</i>	<i>0.379</i>	<i>5.97</i>	<i>1.57</i>	<i>2.6</i>	<i>66.7</i>		
<i>1720</i>	<i>11.04</i>	<i>200</i>	<i>10.26</i>	<i>0.377</i>	<i>5.77</i>	<i>1.50</i>	<i>2.4</i>	<i>78.2</i>		
<i>1725</i>	<i>11.15</i>	<i>200</i>	<i>10.18</i>	<i>0.377</i>	<i>5.70</i>	<i>1.24</i>	<i>1.9</i>	<i>82.1</i>		
<i>1730</i>	<i>11.28</i>	<i>200</i>	<i>10.15</i>	<i>0.377</i>	<i>5.69</i>	<i>1.08</i>	<i>2.0</i>	<i>82.8</i>		
<i>Collect Sample</i>										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

10 0.377 5.7 1.1 2.0 80

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ WATTEA ☐ OTHER ☐ OTHER	DECON FLUIDS USED ☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	TUBING/PUMP/BLADDER MATERIALS ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	S. STEEL PUMP MATERIAL ☐ PVC PUMP MATERIAL ☐ GEOPROBE SCREEN ☐ TEFLON BLADDER ☐ OTHER ☐ OTHER	EQUIPMENT USED ☐ WL METER ☐ PID ☐ WQ METER ☐ TURB. METER ☐ PUMP ☐ OTHER ☐ FILTERS NO. _____ TYPE _____
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ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<i>Sec COC</i>							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES ☒ NO ☐

NO-PURGE METHOD UTILIZED YES ☐ NO ☐

NUMBER OF GALLONS GENERATED *1.56*

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

1800 - KTZ - EQ BLANK

Sampler Signature: *R. J. Torrey* Print Name: *Ryan Torrey*

Checked By: _____ Date: _____



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <i>NYSDEC Kateman Recycling</i>	
PROJECT NUMBER <i>240658</i>	
SAMPLE ID <i>KTZ-MW-5</i>	SAMPLE TIME <i>1250</i>

LOCATION ID <i>NW-5</i>	DATE <i>4/20/17</i>
START TIME <i>1214</i>	END TIME <i>1250</i>
SITE NAME/NUMBER <i>558035</i>	PAGE <i>1 OF 1</i>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☐ 1/8 ☒ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

YES	NO	N/A
☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐

INITIAL DTW (BMP) <i>6.74</i> FT	FINAL DTW (BMP) <i>8.28</i> FT	PROT. CASING STICKUP (AGS) <i>2.82</i> FT	TOC/TOR DIFFERENCE <i>0.1</i> FT
WELL DEPTH (BMP) <i>17.90</i> FT	SCREEN LENGTH <i>10</i> FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN <i>11.16</i> FT	DRAWDOWN VOLUME <i>0.25</i> GAL (final DTW - initial DTW X well diam. squared X 0.041)	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL <i>1.83</i> GAL (column X well diameter squared X 0.041)	TOTAL VOL. PURGED <i>1.95</i> GAL (mL per minute X total minutes X 0.00026 gal/mL)	DRAWDOWN/ TOTAL PURGED <i>0.13</i>	PRESSURE TO PUMP PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<i>1214</i>	BEGIN PURGING									
<i>1220</i>	<i>7.39</i>	<i>250</i>	<i>7.77</i>	<i>0.172</i>	<i>7.56</i>	<i>4.66</i>	<i>5.0</i>	<i>50.7</i>		
<i>1225</i>	<i>7.71</i>	<i>200</i>	<i>7.36</i>	<i>0.153</i>	<i>6.36</i>	<i>2.41</i>	<i>0.6</i>	<i>108.4</i>		
<i>1230</i>	<i>8.00</i>	<i>200</i>	<i>7.36</i>	<i>0.151</i>	<i>5.77</i>	<i>2.05</i>	<i>0.2</i>	<i>135.0</i>		
<i>1235</i>	<i>8.11</i>	<i>200</i>	<i>7.47</i>	<i>0.157</i>	<i>5.42</i>	<i>1.60</i>	<i>0.2</i>	<i>155.8</i>		
<i>1240</i>	<i>8.18</i>	<i>200</i>	<i>7.56</i>	<i>0.150</i>	<i>5.30</i>	<i>1.53</i>	<i>0.3</i>	<i>168.7</i>		
<i>1245</i>	<i>8.22</i>	<i>200</i>	<i>7.51</i>	<i>0.150</i>	<i>5.31</i>	<i>1.52</i>	<i>0.2</i>	<i>171.6</i>		
<i>1250</i>	<i>8.28</i>	<i>200</i>	<i>7.51</i>	<i>0.150</i>	<i>5.31</i>	<i>1.55</i>	<i>0.2</i>	<i>173.2</i>		
<i>Collect Sample</i>										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

7.5 *0.150* *5.3* *1.6* *0.2* *170*

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ WATTERA ☐ OTHER ☐ OTHER	DECON FLUIDS USED ☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	TUBING/PUMP/BLADDER MATERIALS ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	EQUIPMENT USED ☒ S. STEEL PUMP MATERIAL ☐ PVC PUMP MATERIAL ☐ GEOPROBE SCREEN ☐ TEFLON BLADDER ☐ OTHER ☐ OTHER ☐ OTHER
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ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<i>See COC</i>							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES ☒ NO ☐

NO-PURGE METHOD UTILIZED YES ☐ NO ☐

NUMBER OF GALLONS GENERATED *1.95*

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

**MS/MSD*

Sampler Signature: *R. Jorrey*

Print Name: *Ryan Jorrey*

Checked By:

Date:



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME NYSDEC Katzevman Recycling		LOCATION ID MW-6		DATE 4/20/17	
PROJECT NUMBER 240658		START TIME 0946		END TIME 1015	
SAMPLE ID KTZ-MW-6		SAMPLE TIME 1015		SITE NAME/NUMBER 558035	
				PAGE 1 OF 1	

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8	☐ OTHER _____	WELL INTEGRITY <table style="margin: auto;"> <tr> <th>YES</th> <th>NO</th> <th>N/A</th> </tr> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </table>	YES	NO	N/A	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
YES	NO		N/A														
☒	☐		☐														
☒	☐		☐														
☒	☐	☐															
☒	☐	☐															
TUBING ID (INCHES) ☐ 1/8 ☒ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8	☐ OTHER _____																
MEASUREMENT POINT (MP) ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC)	☐ OTHER _____																

INITIAL DTW (BMP) 3.10 FT	FINAL DTW (BMP) 7.42 FT	PROT. CASING STICKUP (AGS) 2.84 FT	TOC/TOR DIFFERENCE 0.1 FT
WELL DEPTH (BMP) 18.34 FT	SCREEN LENGTH 10 FT	PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN 15.26 FT	DRAWDOWN VOLUME 0.71 GAL (final DTW - initial DTW X well diam. squared X 0.041)	PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL 2.5 GAL (column X well diameter squared X 0.041)	TOTAL VOL. PURGED 1.89 GAL (mL per minute X total minutes X 0.00026 gal/mL)	DRAWDOWN/ TOTAL PURGED 0.37	PRESSURE TO PUMP _____ PSI

[illegible]

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION			ORF-2 SF (4-1 - 44, 191 - 190)		
<u>TYPE OF PUMP</u>	<u>DECON FLUIDS USED</u>	<u>TUBING/PUMP/BLADDER MATERIALS</u>	<u>EQUIPMENT USED</u>		
☒ PERISTALTIC	☒ LIQUINOX	☐ SILICON TUBING	☒ WL METER _____		
☐ SUBMERSIBLE	☐ DEIONIZED WATER	☐ TEFLON TUBING	☐ PID _____		
☐ BLADDER	☐ POTABLE WATER	☐ TEFLON LINED TUBING	☒ WQ METER _____		
	☐ NITRIC ACID	☒ HDPE TUBING	☐ TURB. METER _____		
☐ WATTEKA _____	☐ HEXANE	☐ LDPE TUBING	☐ PUMP _____		
☐ OTHER _____	☐ METHANOL	☐ OTHER _____	☐ OTHER _____		
☐ OTHER _____	☐ OTHER _____	☐ OTHER _____	☐ FILTERS NO. TYPE		

[illegible]

PURGE OBSERVATIONS <table style="width: 100%;"> <tr> <td style="width: 50%;">PURGE WATER</td> <td style="width: 10%; text-align: center;">YES ☒</td> <td style="width: 10%; text-align: center;">NO ☐</td> <td style="width: 30%;">NUMBER OF GALLONS GENERATED</td> </tr> <tr> <td>CONTAINERIZED</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">1.89</td> </tr> <tr> <td>NO-PURGE METHOD UTILIZED</td> <td style="text-align: center;">YES ☐</td> <td style="text-align: center;">NO ☐</td> <td rowspan="2">If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.</td> </tr> </table>	PURGE WATER	YES ☒	NO ☐	NUMBER OF GALLONS GENERATED	CONTAINERIZED	☒	☐	1.89	NO-PURGE METHOD UTILIZED	YES ☐	NO ☐	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.	SKETCH/NOTES
PURGE WATER	YES ☒	NO ☐	NUMBER OF GALLONS GENERATED										
CONTAINERIZED	☒	☐	1.89										
NO-PURGE METHOD UTILIZED	YES ☐	NO ☐	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.										
Sampler Signature:  Print Name: Ryan Torrey Checked By: _____ Date: _____													



LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME <i>MSDEC Katonah Recycling</i>	
PROJECT NUMBER <i>240658</i>	
SAMPLE ID <i>KT2-MW-7</i>	SAMPLE TIME <i>1115</i>

LOCATION ID <i>MW-7</i>	DATE <i>4/20/17</i>
START TIME <i>1054</i>	END TIME <i>1115</i>
SITE NAME/NUMBER <i>558035</i>	PAGE <i>1 OF 1</i>

WELL DIAMETER (INCHES) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER _____

TUBING ID (INCHES) ☐ 1/8 ☒ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER _____

MEASUREMENT POINT (MP) ☒ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER _____

WELL INTEGRITY

	YES	NO	N/A
CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☒	☐	☐

INITIAL DTW (BMP) <i>2.61</i> FT	FINAL DTW (BMP) <i>5.81</i> FT	PROT. CASING STICKUP (AGS) <i>3.2</i> FT	TOC/TOR DIFFERENCE <i>0.1</i> FT
WELL DEPTH (BMP) <i>17.99</i> FT	SCREEN LENGTH <i>10</i> FT	PID AMBIENT AIR <i>/</i> PPM	REFILL TIMER SETTING <i>/</i> SEC
WATER COLUMN <i>15.38</i> FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041) <i>0.52</i> GAL	PID WELL MOUTH <i>/</i> PPM	DISCHARGE TIMER SETTING <i>/</i> SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <i>2.52</i> GAL	TOTAL VOL. PURGED <i>1.3</i> GAL	DRAWDOWN/ TOTAL PURGED <i>0.4</i>	PRESSURE TO PUMP <i>/</i> PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O ₂ (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<i>1054</i>	BEGIN PURGING									
<i>1100</i>	<i>3.60</i>	<i>250</i>	<i>8.61</i>	<i>0.468</i>	<i>7.42</i>	<i>2.94</i>	<i>7.1</i>	<i>-66.2</i>	<i>16</i>	
<i>1105</i>	<i>4.58</i>	<i>250</i>	<i>8.27</i>	<i>0.467</i>	<i>7.38</i>	<i>0.99</i>	<i>4.7</i>	<i>-88.8</i>	<i>16</i>	
<i>1110</i>	<i>5.33</i>	<i>250</i>	<i>8.20</i>	<i>0.468</i>	<i>7.37</i>	<i>0.65</i>	<i>6.7</i>	<i>-95.1</i>	<i>16</i>	
<i>1115</i>	<i>5.81</i>	<i>200</i>	<i>8.25</i>	<i>0.467</i>	<i>7.38</i>	<i>0.85</i>	<i>4.8</i>	<i>-97.2</i>	<i>16</i>	
<i>Collect Sample</i>										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP: nearest degree (ex. 10.1 = 10)
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
 pH: nearest tenth (ex. 5.53 = 5.5)
 DO: nearest tenth (ex. 3.51 = 3.5)
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
 ORP: 2 SF (44.1 = 44, 191 = 190)

8 *0.467* *7.4* *0.9* *4.8* *-100*

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ WATERA ☐ OTHER ☐ OTHER	DECON FLUIDS USED ☒ LIQUINOX ☐ DEIONIZED WATER ☐ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER	TUBING/PUMP/BLADDER MATERIALS ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☐ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER	S. STEEL PUMP MATERIAL ☐ PVC PUMP MATERIAL ☐ GEOPROBE SCREEN ☐ TEFLON BLADDER ☐ OTHER ☐ OTHER ☐ OTHER	EQUIPMENT USED ☒ WL METER ☒ PID ☒ WQ METER ☒ TURB. METER ☒ PUMP ☐ OTHER ☐ FILTERS NO. _____ TYPE _____
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ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<i>See COC</i>							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES ☒ NO ☐

NO-PURGE METHOD UTILIZED YES ☐ NO ☐

NUMBER OF GALLONS GENERATED *1.3*

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: *R2092*

Print Name: *Ryan Torrey*

Checked By:

Date:

