Appendix J:
Monitoring Well Sampling Logs

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	85 N Lexington Ave			Job Number:	11814	WELL I.D. :		MW-1	
Personnel:	CC			Date:	7/11/2022				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? Y/N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
N, N/A	N/A	15.6'	N/A	7.9'	7.7'	11.75'	14.5	N/A	Peri

Turbidity at collection (NTU):	2.66	(Less than 5 NTU is desirable)		Duplicate Collected? Y/N	No	Filtered Sample	Y/N
Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable / No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1345	21.94	7.46	2.29	15.7	239	348	N/A	N
	1350	21.79	7.53	2.3	11.7	236	150	N/A	N
	1355	21.66	7.56	2.29	9.2	238	82	N/A	N
	1400	21.66	7.57	2.3	8	239	47.4	N/A	N
	1405	21.63	7.57	2.3	8.5	242	22.3	N/A	N
	1410	21.58	7.58	2.31	7	243	6.6	N/A	N
1.24	1415	21.37	7.58	2.31	6.3	244	2.66	N/A	N

Well Condition Summary

Cover: Y / N	N/A	Bolts: Y / N	N/A	Concrete Pad OK: Y / N	N/A	Gripper: Y / N	N/A

Sample Collection Information

Sample Time:	1415	Appearance:	Clear	Filtered Sample Turbidity:	N/A	OTHER:	Flow Rate 156.75 mL/min, DTW Could not be measured because diameter is 1"

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	85 N Lexington Ave			Job Number:	11814	WELL I.D. :		MW-2	
Personnel:	CC			Date:	7/11/2022				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? Y/N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
N, N/A	N/A	15.55'	N/A	5.6'	9.95'	10.57'	14.5	N/A	Peri

Turbidity at collection (NTU):	114	(Less than 5 NTU is desirable)		Duplicate Collected? Y/N	No	Filtered Sample Y/N	N
Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable / No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1530	20.68	7.5	4.84	4.15	226	1000+	N/A	N
	1535	18.49	7.52	5.36	3.7	220	619	N/A	N
	1540	18.15	7.54	5.58	3.8	225	299	N/A	N
	1545	17.92	7.56	5.69	3.94	232	170	N/A	N
0.94	1550	17.9	7.56	5.73	3.91	238	114	N/A	N

Well Condition Summary

Cover: Y / N	N/A	Bolts: Y / N	N/A	Concrete Pad OK: Y / N	N/A	Gripper: Y / N	N/A

Sample Collection Information

Sample Time:	1415	Appearance:	Clear	Filtered Sample Turbidity:	N/A	OTHER:	Flow Rate 177.50 mL/min, DTW Could not be measured because diameter is 1"

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

Volume Average Purging Groundwater Sampling Log

Volume Average Purging Groundwater Sampling Log 7/13/2022	
Pre Purge	
Well Name	MW-3
Well Diameter (Inches)	1
Depth to Water (ft)	8.2
Depth to Bottom (ft)	13.55
Water Column (ft)	5.35
Well Volume (gal)	0.218
Well Headspace (PID)	0
Pump On Time	9:50
Pump Off Time	10:03
Purge Time	13 mins
Total Volume Purged (gal)	1
Post Purge	
Depth to Water (ft)	8.4
Water Quality	Clear
Post Sample	
Depth to Water	NA
Water Quality	Clear

Volume Average Purging Groundwater Sampling Log

Volume Average Purging Groundwater Sampling Log 7/13/2022	
Pre Purge	
Well Name	MW-4
Well Diameter (Inches)	1
Depth to Water (ft)	7.4
Depth to Bottom (ft)	15.9
Water Column (ft)	8.5
Well Volume (gal)	0.347
Well Headspace (PID)	0
Pump On Time	9:15
Pump Off Time	9:31
Purge Time	16 mins
Total Volume Purged (gal)	1.25
Post Purge	
Depth to Water (ft)	7.55
Water Quality	Clear
Post Sample	
Depth to Water	NA
Water Quality	Clear

Volume Average Purging Groundwater Sampling Log

Volume Average Purging Groundwater Sampling Log 7/13/2022	
Pre Purge	
Well Name	MW-6
Well Diameter (Inches)	1
Depth to Water (ft)	6.2
Depth to Bottom (ft)	15.2
Water Column (ft)	9
Well Volume (gal)	0.367
Well Headspace (PID)	0
Pump On Time	13:30
Pump Off Time	13:45
Purge Time	15 mins
Total Volume Purged (gal)	1.25
Post Purge	
Depth to Water (ft)	6.8
Water Quality	Clear
Post Sample	
Depth to Water	NA
Water Quality	Clear

Volume Average Purging Groundwater Sampling Log

Volume Average Purging Groundwater Sampling Log 7/13/2022	
Pre Purge	
Well Name	MW-8
Well Diameter (Inches)	1
Depth to Water (ft)	9
Depth to Bottom (ft)	18.4
Water Column (ft)	9.4
Well Volume (gal)	0.383
Well Headspace (PID)	0
Pump On Time	15:10
Pump Off Time	15:16
Purge Time	6 mins
Total Volume Purged (gal)	1
Post Purge	
Depth to Water (ft)	9.1
Water Quality	Clear
Post Sample	
Depth to Water	NA
Water Quality	Clear