LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	**Cottage-Garden Auto Repair BCP**			**Job Number:**	**10491**	**WELL I.D. : MW-1**			
Personnel:	**J. Lamborn**			**Date:**	**3/19/2020**	SESI CONSULTING ENGINEERS			
				PID:	**0 ppm**				
Stickup? Yes (Temp Well) 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**
2.63'	**n/a**	**9.2**	**n/a**	**3.2**	**6**	**-**	**-**	**-**	**Peristaltic**
Turbidity at collection (NTU):		**0**	**(Less than 5 NTU is desirable)**		**Duplicate Collected? No**			**Filtered Sample No**	
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**
	1400	**Purge to Bucket - No Readings**							
	1405	**Purge to Bucket - No Readings**							
	1410	**Purge to Bucket - No Readings**							
	1415	**Purge to Bucket - No Readings**							
	1420	**12.24**	**7.6**	**562**	**1.54**	**-10**	**0**	**7.67**	**N**
	1425	**12.26**	**7.61**	**568**	**6.15**	**8**	**0**	**8.12**	**N**
	1430	**12.14**	**7.63**	**568**	**5.71**	**10**	**0**	**8.83**	**N**
1.5 gallon	**1435**	**12.16**	**7.65**	**578**	**5.34**	**18**	**0**	**8.95**	**N**
Well Condition Summary									
Cover: Y / N		**Bolts: Y / N**		**Concrete Pad OK: Y / N**		**Gripper: Y / N**			
Sample Collection Information									
Sample Time:	**14:35**	**Appearance: Clear**		**Filtered Sample Turbidity: n/a**			**OTHER: Poor recharge rate, flow rate less than 100 mL/min**		

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:	Cottage-Garden Auto Repair BCP			Job Number:	10491	WELL I.D. : MW-2			
Personnel:	J. Lamborn			Date:	3/19/2020	SESI CONSULTING ENGINEERS			
				PID:	0 ppm				
Stickup? Yes (Temp Well) 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
1.1	n/a	15.2	n/a	2.01	13.19	-	-	-	Peristaltic
Turbidity at collection (NTU):		117	(Less than 5 NTU is desirable)		Duplicate Collected? No			Filtered Sample No	
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
	1041	Purge to Bucket - No Readings							
	1046	9.74	7.48	796	0.37	-72	0	3.21	N
	1051	10.43	7.8	779	3.36	-82	0	5.32	N
	1056	10.94	7.84	788	5.41	-76	538	7.71	N
	1101	11.17	7.76	772	5.42	-52	197	7.99	N
	1106	11.38	7.67	758	4.97	-48	132	8.44	N
	1111	11.56	7.61	750	4.67	-47	122	8.69	N
3.5 gallon	1116	11.82	7.58	747	4.34	-46	117	8.78	N
Well Condition Summary									
Cover: Y / N		Bolts: Y / N		Concrete Pad OK: Y / N		Gripper: Y / N			
Sample Collection Information									
Sample Time:	11:16	Appearance: Light Brown/Turbid		Filtered Sample Turbidity: n/a			OTHER: Poor recharge rate, flow rate 100 mL/min		

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:	Cottage-Garden Auto Repair BCP			Job Number:	10491	WELL I.D. : MW-3			
Personnel:	J. Lamborn			Date:	3/19/2020	SESI CONSULTING ENGINEERS			
				PID:	0 ppm				

Stickup? Yes (Temp Well) 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
0.7	n/a	14.98	n/a	2.11	12.87	-	-	-	Peristaltic

Turbidity at collection (NTU):	Unknown, High	(Less than 5 NTU is desirable)	Duplicate Collected? YES		Filtered Sample No

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
	1210	Purge to Bucket - No Readings							
	1215	13.73	7.52	1690	0	-134	1000+	7.36	N
	1220	14.74	7.57	1670	0	-177	0	11.89	N
	1225	Water drawdown too fast. Turbid water encountered, slowed pump rate							
	1230	14.38	7.44	1760	0.72	-186	513	8.7	N
	1235	14.34	7.41	1770	0.53	-163	0	9.73	N
	1240	14.62	7.41	1774	0.77	-145	0	9.99	N
	1245	14.74	7.39	1700	1.38	-118	0	10.57	N
	1250	14.85	7.39	1700	1.26	-127	0	11.03	N
3.5 gallon	1255	14.98	7.39	1700	1.19	-135	0	11.35	N

Well Condition Summary

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

Sample Collection Information

Sample Time:	13:00	Appearance: Brown/Turbid	Filtered Sample Turbidity: n/a	OTHER: Sample Turbid. Poor recharge rate, flow rate 100 mL/min

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:	Cottage-Garden Auto Repair BCP			Job Number:	10491	WELL I.D. : MW-4			
Personnel:	J. Lamborn			Date:	3/19/2020	SESI CONSULTING ENGINEERS			
				PID:	0 ppm				
Stickup? Yes (Temp Well) 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
0.7	n/a	14.92	n/a	2.45	12.47	-	-	-	Peristaltic
Turbidity at collection (NTU):		70.1	(Less than 5 NTU is desirable)		Duplicate Collected? No			Filtered Sample No	
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
	900	Purge to Bucket - No Readings							
	910	11.14	7.26	2650	2.25	92	591	2.43	N
	915	12.14	7.16	2470	1.25	-28	320	2.45	N
	920	13.07	7.15	2360	1.05	30	137	2.46	N
	925	13.17	7.14	2320	0.95	-30	79	2.47	N
	930	13.22	7.14	2300	0.86	-32	71.8	2.47	N
4.5 gallon	935	13.23	7.14	2290	0.79	-32	70.1	2.48	N

Well Condition Summary

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

Sample Collection Information

Sample Time:	9:35	Appearance: Light Brown	Filtered Sample Turbidity: n/a	OTHER: Great recharge rate, flow rate 400 mL/min

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:	**Cottage-Garden Auto Repair BCP**			**Job Number:**	**10491**	**WELL I.D. : MW-5**			
Personnel:	**J. Lamborn**			**Date:**	**3/18/2020**	SESI CONSULTING ENGINEERS			
				PID:	**0 ppm**				
Stickup? Yes (Temp Well) 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**
0.6	**n/a**	**14.98**	**n/a**	**2.49**	**12.49**	**-**	**-**	**-**	**Peristaltic**
Turbidity at collection (NTU):		**51.3**	**(Less than 5 NTU is desirable)**		**Duplicate Collected? No**			**Filtered Sample No**	
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**
	1357	**Purge to Bucket - No Readings**							
	1402	**13.71**	**8.03**	**1790**	**3.3**	**-46**	**291**	**4.32**	**N**
	1407	**14.42**	**8.07**	**1720**	**3.02**	**-50**	**169**	**5.83**	**N**
	1412	**14.21**	**8.07**	**1740**	**3.78**	**-44**	**117**	**6.82**	**N**
	1417	**14.39**	**8.02**	**1790**	**4.1**	**-50**	**83.9**	**7.54**	**N**
	1422	**14.46**	**7.98**	**1830**	**5.16**	**-39**	**60**	**8.33**	**N**
	1427	**14.49**	**7.98**	**1850**	**5.66**	**-35**	**55.1**	**9.01**	**N**
1.5 gallon	**1432**	**14.49**	**7.97**	**1860**	**5.9**	**-29**	**51.3**	**9.25**	**N**
Well Condition Summary									
Cover: Y / N		**Bolts: Y / N**		**Concrete Pad OK: Y / N**		**Gripper: Y / N**			
Sample Collection Information									
Sample Time:	**14:32**	**Appearance: Clear**		**Filtered Sample Turbidity: n/a**			**OTHER: Poor recharge rate, flow rate 100 mL/min**		

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:	26 Cottage Place, New Rochelle NY			Job Number:	10491	WELL I.D. : MW-1			
Personnel:	Taij Patel, Jon Stuart			Date:	7/1/2020				
				PID:	0				

Stickup? 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
	0.5'	9.5'		0.5'	9.0'		6.0'		Peri

Turbidity at collection (NTU):	27.8	(Less than 5 NTU is desirable)	Duplicate Collected? Y		Filtered Sample :	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
	5	19.63	12.58	6.31	0.00	28.00	34.40	0.50	N
	10	19.59	12.62	8.50	0.00	76.00	31.80	0.50	N
	15	19.70	12.53	8.30	5.51	80.00	29.10	0.50	N
	20	19.74	12.40	7.90	5.48	81.00	29.00	0.50	N
	25	19.78	12.42	7.87	5.46	81.00	29.10	0.50	N
	30	19.79	12.42	7.83	5.43	81.00	27.80	0.50	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	9:00	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

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:	26 Cottage Place, New Rochelle NY			Job Number:	10491	WELL I.D. : MW-1			
Personnel:	Taij Patel, Jon Stuart			Date:	7/1/2020				
				PID:	0				

Stickup? 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
	0.5'	9.5'		0.5'	9.0'		6.0'		Peri

Turbidity at collection (NTU):		(Less than 5 NTU is desirable)		Duplicate Collected? Y/N			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
	5	19.63	12.58	6.31	0.00	28.00	34.40	0.50	N
	10	19.59	12.62	8.50	0.00	76.00	31.80	0.50	N
	15	19.70	12.53	8.30	5.51	80.00	29.10	0.50	N
	20	19.74	12.40	7.90	5.48	81.00	29.00	0.50	N
	25	19.78	12.42	7.87	5.46	81.00	29.10	0.50	N
	30	19.79	12.42	7.83	5.43	81.00	27.80	0.50	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	9:00	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

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:	26 Cottage Place, New Rochelle NY			Job Number:	10491	WELL I.D. : MW-3			
Personnel:	Taij Patel, Jon Stuart			Date:	7/1/2020				
				PID:	0				

Stickup? 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
0	0.5	9.5'		0.5'	9.0'		6.0'		Peri

Turbidity at collection (NTU):	23	(Less than 5 NTU is desirable)	Duplicate Collected? N		Filtered Sample: 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
	5	18.51	7.85	1.12	0.00	-147.00	34.60	0.50	N
	10	18.48	7.79	1.13	0.00	-144.00	31.00	1.00	N
	15	18.50	7.66	1.32	0.00	-132.00	28.50	2.10	N
	20	18.47	7.57	1.35	0.00	-124.00	27.10	3.10	N
	25	18.43	7.49	1.38	0.00	-117.00	23.90	3.10	N
	30	18.37	7.48	1.40	0.00	-113.00	23.60	3.10	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	11:00	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

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:	26 Cottage Place, New Rochelle NY			Job Number:	10491	WELL I.D. : MW-4			
Personnel:	Taij Patel, Jon Stuart			Date:	7/1/2020				
				PID:	0				

Stickup? 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
0	0.5	10.8'		5.8'	5.0'		7.0'		Peri

Turbidity at collection (NTU):	23	(Less than 5 NTU is desirable)	Duplicate Collected? N			Filtered Sample: 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
	5	19.15	9.51	1.76	4.92	-207.00	27.20	5.80	N
	10	19.25	9.01	1.57	4.39	-192.00	23.40	8.10	N
	15	19.28	8.76	1.53	4.04	-184.00	25.60	9.30	N
	20	19.24	8.64	1.57	4.01	-181.00	23.50	9.80	N
	25	19.20	8.62	1.60	3.98	-177.00	23.20	9.80	N
	30	19.19	8.60	1.59	3.95	-178.00	23.10	9.80	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	10:00	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

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:	26 Cottage Place, New Rochelle NY			**Job Number:**	10491	**WELL I.D. : MW-5**			
Personnel:	Taij Patel, Jon Stuart			**Date:**	7/1/2020				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? Y / 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
2.0'	N/A	9.0'		2.3'	6.7'		6.0'		Peri

Turbidity at collection (NTU):	22.4	(Less than 5 NTU is desirable)	**Duplicate Collected? N**		**Filtered Sample:** 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
	5	25.83	6.69	25.60	0.00	246.00	276.00	2.30	N
	10	25.71	6.78	23.50	0.17	227.00	28.40	3.40	N
	15	25.76	6.77	25.80	0.00	226.00	22.00	4.50	N
	20	25.40	6.76	25.40	0.00	230.00	23.00	6.10	N
	25	23.50	6.80	25.00	0.00	231.00	23.10	6.10	N
	30	23.56	6.81	24.90	0.00	235.00	22.70	6.10	N
	35	23.58	6.87	24.50	0.00	237.00	22.40	6.10	N

Well Condition Summary

Cover: N	**Bolts: N**		**Concrete Pad OK: N**	**Gripper: Y**	

Sample Collection Information

Sample Time:	**13:00**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	26 Cottage Place, New Rochelle NY			Job Number:	10491	WELL I.D. : MW-6			
Personnel:	Taij Patel, Jon Stuart			Date:	7/1/2020				
				PID:	0				

Stickup? Y 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
2.3'	N/A	9.2'		5.2'	4.0'		7.0'		Peri

Turbidity at collection (NTU):		128	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample:	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
	5	21.36	7.91	1.27	0.00	-44.00	1000.00	2.35	N
	10	21.51	7.61	1.08	0.00	-37.00	1000.00	2.35	N
	15	22.35	7.49	1.11	0.00	-7.00	439.00	2.35	N
	20	22.62	7.46	1.12	0.00	-1.00	342.00	2.35	N
	25	22.83	7.44	1.12	0.00	3.00	280.00	2.35	N
	30	22.99	7.43	1.12	0.00	3.00	212.00	2.35	N
	35	23.01	7.42	1.11	0.00	3.00	188.00	2.35	N
	40	23.07	7.42	1.10	0.00	3.00	128.00	2.35	N

Well Condition Summary

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

Sample Collection Information

Sample Time:	12:30	Appearance: Murky, then Clear	Filtered Sample Turbidity:	OTHER:

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:	**Cottage Place, New Rochelle, NY**			**Job Number:**	**10491**	**WELL I.D. : MW-1**			
Personnel:	**JCS**			**Date:**	**5/15/2019**				
				PID:	**77.2**				

Stickup? 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
6"		**23.5**	**NA**	**15.43**	**8.07**	**19.43'**	**19'**	**77.2**	**Bladder**

Turbidity at collection (NTU):	**139**	**(Less than 5 NTU is desirable)**	**Duplicate Collected? No**	**Filtered Sample**	**No**

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
	1215	**20.4**	**7.74**	**1.17**	**4.55**	**-20**	**163**	**15.87**	**N**
	1220	**19.6**	**7.71**	**1.21**	**3.21**	**-24**	**131**	**15.93**	**N**
	1225	**18.68**	**7.71**	**1.26**	**2.82**	**-19**	**142**	**15.97**	**N**
	1230	**18.52**	**7.7**	**1.28**	**2.74**	**-16**	**130**	**15.97**	**N**
	1235	**18.23**	**7.7**	**1.31**	**3.21**	**-3**	**139**	**15.97**	**N**
	1240	**18.21**	**7.7**	**1.32**	**3.25**	**3**	**155**	**15.98**	**N**
	1245	**18.1**	**7.7**	**1.32**	**3.31**	**7**	**155**	**15.98**	**N**
	1250	**17.91**	**7.71**	**1.33**	**3.49**	**10**	**150**	**15.98**	**N**
	1255	**17.8**	**7.71**	**1.33**	**3.51**	**14**	**151**	**16**	**N**
	1300	**17.77**	**7.72**	**1.35**	**3.52**	**18**	**147**	**16**	**N**
	1305	**17.66**	**7.71**	**1.35**	**3.6**	**22**	**155**	**16**	**N**
	1310	**17.6**	**7.71**	**1.37**	**3.65**	**29**	**144**	**16**	**N**
	1315	**17.53**	**7.71**	**1.37**	**3.71**	**31**	**152**	**16.03**	**N**
	1320	**17.41**	**7.71**	**1.4**	**3.84**	**35**	**145**	**16.03**	**N**
	1325	**17.33**	**7.71**	**1.4**	**3.9**	**36**	**135**	**16.03**	**N**
4	**1330**	**17.3**	**7.71**	**1.43**	**3.95**	**39**	**139**	**16.03**	**N**

Well Condition Summary

Cover: Y	**Bolts: Y**		**Concrete Pad OK: Y**	**Gripper: Y**

Sample Collection Information

Sample Time:	**1340**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	**Cottage place, New Rochelle, NY**			**Job Number:**	**10491**	**WELL I.D. : MW-2**			
Personnel:	**JCS**			**Date:**	**5/15/2019**				
				PID:	**54.8**				
Stickup? No 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**
		27	**NA**	**18.83**	**8.17**	**22.91**	**22.50±**		**Bladder**
Turbidity at collection (NTU):		**47.3**	**(Less than 5 NTU is desirable)**		**Duplicate Collected? No**			**Filtered Sample**	**No**
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**
	945	**15.79**	**8.77**	**0.622**	**4.15**	**-16**	**902**	**18.96**	**No**
	950	**15.65**	**7.85**	**0.617**	**2.46**	**-35**	**809**	**19.03**	**No**
	955	**15.33**	**7.64**	**0.612**	**1.81**	**-42**	**768**	**19.08**	**No**
	1000	**15.20**	**7.59**	**0.61**	**1.52**	**-44**	**697**	**19.10**	**No**
	1005	**15.25**	**7.58**	**0.618**	**1.30**	**-40**	**650**	**19.11**	**No**
	1010	**15.35**	**7.54**	**0.627**	**1.50**	**-34**	**603**	**19.11**	**No**
	1015	**15.31**	**7.55**	**0.636**	**1.07**	**-30**	**521**	**19.11**	**No**
	1020	**15.33**	**7.54**	**0.642**	**0.95**	**-28**	**472**	**19.12**	**No**
	1025	**15.28**	**7.54**	**0.648**	**0.87**	**-26**	**384**	**19.12**	**No**
	1030	**15.35**	**7.54**	**0.649**	**0.63**	**-25**	**331**	**19.12**	**No**
	1035	**15.20**	**7.54**	**0.652**	**0.74**	**-24**	**323**	**19.13**	**No**
	1040	**15.26**	**7.54**	**0.652**	**0.82**	**-22**	**250**	**19.13**	**No**
	1045	**15.28**	**7.55**	**0.652**	**0.75**	**-21**	**212**	**19.13**	**No**
	1050	**15.25**	**7.55**	**0.651**	**0.72**	**-21**	**177**	**19.13**	**No**
	1055	**15.20**	**7.56**	**0.651**	**0.70**	**-21**	**89.1**	**19.13**	**No**
3	**1100**	**15.26**	**7.56**	**0.65**	**0.68**	**-21**	**47.3**	**19.13**	**No**

Well Condition Summary

Cover: Y / N	**Bolts: Yes**		**Concrete Pad OK: Yes**	**Gripper: Yes**

Sample Collection Information

Sample Time:	**1105**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	Cottage place, New Rochelle, NY			Job Number:	10491	WELL I.D. : MW-3S			
Personnel:	JCS			Date:	5/17/2019				
				PID:	198.2				
Stickup? No 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
6"		26.5	NA	17.54	8.96	22.02	22.0±		Bladder
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		Duplicate Collected? No			Filtered Sample	No
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
	740	15.03	7.8	3.3	5.97	89	670	18	No
	745	15.17	7.55	3.52	2.51	59	604	18	No
	750	15.40	7.45	3.74	1.72	54	553	18.02	No
	755	15.57	7.43	3.81	1.42	52	527	18.02	No
	800	15.70	7.4	3.84	1.15	47	487	18.03	No
	805	15.78	7.38	3.84	0.94	44	430	18.03	No
	810	16.01	7.38	3.83	0.90	41	401	18.04	No
	815	16.13	7.38	3.84	0.70	38	372	18.04	No
	820	16.27	7.37	3.84	0.63	37	357	18.04	No
	825	16.40	7.36	3.82	0.55	36	331	18.05	No
	830	16.51	7.35	3.79	0.50	36	298	18.05	No
	835	16.67	7.35	3.79	0.42	35	224	18.05	No
	840	16.82	7.35	3.77	0.40	34	171	18.05	No
	845	17.00	7.35	3.74	0.45	33	133	18.05	No
	850	17.25	7.35	3.74	0.38	34	95.4	18.05	No
	855	17.21	7.33	3.71	0.37	32	67.2	18.05	No
3	900	17.26	7.33	3.71	0.36	32	48.9	18.05	No

Well Condition Summary

Cover: Yes	Bolts: Yes		Concrete Pad OK: Yes	Gripper: Yes	

Sample Collection Information

Sample Time:	910	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

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:	**Cottage place, New Rochelle, NY**			**Job Number:**	**10491**	**WELL I.D. : MW-3D**			
Personnel:	**JCS**			**Date:**	**5/16/2019**				
				PID:	**27.6**				
Stickup? No 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**
6"		**44.5**	**NA**	**18.2**	**26.3**	**31.35**	**39±**		**Bladder**
Turbidity at collection (NTU):		**48.6**	**(Less than 5 NTU is desirable)**		**Duplicate Collected?**			**Filtered Sample**	**No**
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**
	1005	**19.84**	**8.36**	**0.536**	**3.25**	**-108**	**157**	**18.53**	**No**
	1010	**16.73**	**8.22**	**0.578**	**0.78**	**-163**	**240**	**18.97**	**No**
	1015	**17.02**	**8.18**	**0.56**	**0.20**	**-189**	**238**	**19.67**	**No**
	1020	**16.95**	**8.17**	**0.58**	**0.15**	**-192**	**223**	**20.03**	**No**
	1025	**17.20**	**8.18**	**0.58**	**2.21**	**-207**	**120**	**20.47**	**No**
	1030	**17.20**	**8.18**	**0.58**	**2.01**	**-206**	**107**	**21.02**	**No**
	1035	**17.40**	**8.18**	**0.582**	**1.90**	**-211**	**84.3**	**21.80**	**No**
	1040	**17.49**	**8.19**	**0.582**	**1.52**	**-213**	**80.3**	**22.19**	**No**
	1045	**17.75**	**8.19**	**0.582**	**1.24**	**-215**	**67.4**	**22.77**	**No**
	1050	**17.70**	**8.18**	**0.58**	**0.82**	**-216**	**65.2**	**23.28**	**No**
	1055	**18.00**	**8.18**	**0.582**	**0.59**	**-218**	**68.2**	**24.00**	**No**
	1100	**18.05**	**8.18**	**0.582**	**0.46**	**-218**	**65.9**	**24.40**	**No**
	1105	**18.14**	**8.18**	**0.583**	**0.44**	**-219**	**60.8**	**24.77**	**No**
	1110	**18.17**	**8.18**	**0.582**	**0.28**	**-220**	**64.7**	**25.30**	**No**
	1115	**18.30**	**8.18**	**0.583**	**0.17**	**-222**	**64.8**	**25.93**	**No**
	1120	**18.28**	**8.18**	**0.584**	**0.02**	**-223**	**64.5**	**26.50**	**No**
	1125	**17.95**	**8.18**	**0.582**	**0.00**	**-225**	**64.9**	**27.03**	**No**

Well Condition Summary

Cover: Yes	**Bolts: No**		**Concrete Pad OK: Yes**	**Gripper: Yes**	

Sample Collection Information

Sample Time:	**1300**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	**Cottage place, New Rochelle, NY**			**Job Number:**	**10491**	**WELL I.D. : MW-3D**			
Personnel:	**JCS**			**Date:**	**5/16/2019**				
				PID:	**27.6**				
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**
6"		**44.5**	**NA**	**18.2**	**26.3**	**31.35**	**39±**		**Bladder**
Turbidity at collection (NTU):		**48.6**	**(Less than 5 NTU is desirable)**		**Duplicate Collected? Y/N**			**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**
	1130	**17.88**	**8.18**	**0.581**	**0**	**-228**	**65.8**	**27.91**	**No**
	1135	**18.01**	**8.17**	**0.583**	**0**	**-228**	**67.8**	**28.51**	**No**
	1140	**8.16**	**8.18**	**0.582**	**0**	**-226**	**63.5**	**29**	**No**
	1145	**18.27**	**8.18**	**0.582**	**0**	**-224**	**62.8**	**29.38**	**No**
	1150	**18.39**	**8.18**	**0.581**	**0**	**-226**	**62.2**	**30**	**No**
	1155	**18.45**	**8.18**	**0.578**	**0**	**-229**	**63.6**	**30.73**	**No**
	1200	**18.3**	**8.18**	**0.578**	**0**	**-232**	**64**	**31.35**	**No**
	1205	**18.11**	**8.19**	**0.573**	**0**	**-235**	**67.7**	**32.2**	**No**
	1210	**18.03**	**8.18**	**0.574**	**0**	**-237**	**68.1**	**32.87**	**No**
	1215	**17.9**	**8.19**	**0.573**	**0**	**-236**	**69.5**	**33.54**	**No**
	1220	**17.82**	**8.18**	**0.572**	**0**	**-237**	**68.2**	**33.98**	**No**
	1225	**17.73**	**8.18**	**0.573**	**0**	**-237**	**70.1**	**34.32**	**No**
	1230	**17.79**	**8.18**	**0.575**	**0**	**-239**	**68.3**	**34.9**	**No**
	1235	**17.85**	**8.18**	**0.575**	**0**	**-239**	**60.9**	**35.04**	**No**
	1240	**17.95**	**8.18**	**0.574**	**0**	**-240**	**57.3**	**35.29**	**No**
	1245	**17.98**	**8.18**	**0.574**	**0**	**-240**	**49.7**	**35.37**	**No**
5	**1250**	**18.02**	**8.18**	**0.575**	**0**	**-239**	**48.6**	**35.46**	**No**

Well Condition Summary

Cover: Yes	**Bolts: No**		**Concrete Pad OK: Yes**	**Gripper: Yes**

Sample Collection Information

Sample Time:	**1300**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	**Cottage place, New Rochelle, NY**			**Job Number:**	**10491**	**WELL I.D. : MW-4**			
Personnel:	**JCS**			**Date:**	**5/16/2019**				
				PID:					
Stickup? No 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**
6"		**25.5**	**NA**	**18.77**	**6.73**	**22.13**	**21±**		**Bladder**
Turbidity at collection (NTU):		**48.8**	**(Less than 5 NTU is desirable)**		**Duplicate Collected? Yes**			**Filtered Sample**	**No**
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**
	1435	**17.49**	**8**	**1.65**	**10.05**	**110**	**428**	**18.92**	**No**
	1440	**16.36**	**7.97**	**1.66**	**7.58**	**111**	**253**	**19.08**	**No**
	1445	**16.37**	**7.94**	**1.65**	**7.14**	**113**	**179**	**19.16**	**No**
	1450	**17.53**	**7.93**	**1.67**	**6.6**	**116**	**121**	**19.17**	**No**
	1455	**17.7**	**7.94**	**1.69**	**6.52**	**116**	**94.5**	**19.18**	**No**
	1500	**17.42**	**7.96**	**1.68**	**6.52**	**117**	**78.4**	**19.18**	**No**
	1505	**17.33**	**7.98**	**1.72**	**6.52**	**117**	**62.5**	**19.18**	**No**
2	**1510**	**17.29**	**7.98**	**1.68**	**6.53**	**119**	**48.8**	**19.2**	**No**
Well Condition Summary									
Cover: Yes		**Bolts: Yes**		**Concrete Pad OK: Yes**		**Gripper: Yes**			
Sample Collection Information									
Sample Time:	**1520**	**Appearance: Clear**		**Filtered Sample Turbidity:**			**OTHER:**		

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:	**Cottage place, New Rochelle, NY**			**Job Number:**	**10491**	**WELL I.D. : MW-5**			
Personnel:	**JCS**			**Date:**	**5/16/2019**				
				PID:	**70.9**				
Stickup? Yes / **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**
6"		**27**	**NA**	**18.06**	**8.94**	**22.53**	**22±**		**Bladder**
Turbidity at collection (NTU):			**(Less than 5 NTU is desirable)**		**Duplicate Collected? No**			**Filtered Sample**	**No**
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**
	750	**15.28**	**8.32**	**2.11**	**4.387**	**24**	**419**	**18.3**	**No**
	755	**14.84**	**8.24**	**2.15**	**1.45**	**-61**	**463**	**18.35**	**No**
	800	**14.68**	**8.24**	**2.18**	**0.86**	**-79**	**367**	**18.37**	**No**
	805	**14.69**	**8.22**	**2.2**	**0.51**	**-88**	**327**	**18.38**	**No**
	810	**14.67**	**8.17**	**2.2**	**0.36**	**-91**	**240**	**18.38**	**No**
	815	**14.71**	**8.14**	**2.17**	**0.32**	**-72**	**198**	**18.42**	**No**
	820	**14.77**	**8.11**	**2.16**	**0.28**	**-69**	**112**	**18.43**	**No**
	825	**14.8**	**8.09**	**2.14**	**0.24**	**-73**	**74.9**	**18.45**	**No**
	830	**14.82**	**8.07**	**2.13**	**0.21**	**-75**	**42.6**	**18.48**	**No**

Well Condition Summary

Cover: Yes	**Bolts: Yes**		**Concrete Pad OK: Yes**	**Gripper: Yes**	

Sample Collection Information

Sample Time:	**835**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	26 Cottage Place, New Rochelle NY			**Job Number:**	10491	**WELL I.D. : MW-1**			
Personnel:	Taij Patel, Jon Stuart			**Date:**	7/1/2020				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? 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
	0.5'	9.5'		0.5'	9.0'		6.0'		Peri

Turbidity at collection (NTU):	27.8	(Less than 5 NTU is desirable)	Duplicate Collected? Y		Filtered Sample :	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
	5	19.63	12.58	6.31	0.00	28.00	34.40	0.50	N
	10	19.59	12.62	8.50	0.00	76.00	31.80	0.50	N
	15	19.70	12.53	8.30	5.51	80.00	29.10	0.50	N
	20	19.74	12.40	7.90	5.48	81.00	29.00	0.50	N
	25	19.78	12.42	7.87	5.46	81.00	29.10	0.50	N
	30	19.79	12.42	7.83	5.43	81.00	27.80	0.50	N

Well Condition Summary

Cover: Y	**Bolts: Y**		**Concrete Pad OK: Y**	**Gripper: Y**	

Sample Collection Information

Sample Time:	9:00	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	26 Cottage Place, New Rochelle NY			**Job Number:**	10491	**WELL I.D. : MW-2**			
Personnel:	Taij Patel, Jon Stuart			**Date:**	7/1/2020				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? Y / 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
	0.5'	8'		2.8'	5.2'		6.0'		Peri

Turbidity at collection (NTU):		(Less than 5 NTU is desirable)	Duplicate Collected? Y/N			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
	5	19.74	7.96	1.11	0.00	-172.00	66.10	2.80	N
	10	19.78	7.98	1.11	0.00	-181.00	67.10	3.60	N
	15	19.81	7.98	1.11	0.00	-190.00	68.00	4.50	N
	20	19.95	7.97	1.15	0.00	-201.00	75.00	5.70	N
	25	20.01	7.96	1.18	0.00	-205.00	78.00	5.70	N
	30	20.07	7.97	1.18	0.00	-208.00	77.40	5.70	N

Well Condition Summary

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

Sample Collection Information

Sample Time:	11:40	Appearance: Murky	Filtered Sample Turbidity:	OTHER:

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:	26 Cottage Place, New Rochelle NY			**Job Number:**	10491	**WELL I.D. : MW-3**			
Personnel:	Taij Patel, Jon Stuart			**Date:**	7/1/2020				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? 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
0	0.5	9.5'		0.5'	9.0'		6.0'		Peri

Turbidity at collection (NTU):	23	(Less than 5 NTU is desirable)	Duplicate Collected? N		Filtered Sample:	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
	5	18.51	7.85	1.12	0.00	-147.00	34.60	0.50	N
	10	18.48	7.79	1.13	0.00	-144.00	31.00	1.00	N
	15	18.50	7.66	1.32	0.00	-132.00	28.50	2.10	N
	20	18.47	7.57	1.35	0.00	-124.00	27.10	3.10	N
	25	18.43	7.49	1.38	0.00	-117.00	23.90	3.10	N
	30	18.37	7.48	1.40	0.00	-113.00	23.60	3.10	N

Well Condition Summary

Cover: Y	**Bolts: Y**		**Concrete Pad OK: Y**	**Gripper: Y**	

Sample Collection Information

Sample Time:	**11:00**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	26 Cottage Place, New Rochelle NY			**Job Number:**	10491	**WELL I.D. : MW-4**			
Personnel:	Taij Patel, Jon Stuart			**Date:**	7/1/2020	SESI CONSULTING ENGINEERS			
				PID:	0				
Stickup? 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
0	0.5	10.8'		5.8'	5.0'		7.0'		Peri
Turbidity at collection (NTU):		23	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample:	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
	5	19.15	9.51	1.76	4.92	-207.00	27.20	5.80	N
	10	19.25	9.01	1.57	4.39	-192.00	23.40	8.10	N
	15	19.28	8.76	1.53	4.04	-184.00	25.60	9.30	N
	20	19.24	8.64	1.57	4.01	-181.00	23.50	9.80	N
	25	19.20	8.62	1.60	3.98	-177.00	23.20	9.80	N
	30	19.19	8.60	1.59	3.95	-178.00	23.10	9.80	N

Well Condition Summary

Cover: Y	**Bolts: Y**		**Concrete Pad OK: Y**	**Gripper: Y**	

Sample Collection Information

Sample Time:	**10:00**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	26 Cottage Place, New Rochelle NY			**Job Number:**	10491	**WELL I.D. : MW-5**			
Personnel:	Taij Patel, Jon Stuart			**Date:**	7/1/2020				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? Y 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
2.0'	N/A	9.0'		2.3'	6.7'		6.0'		Peri

Turbidity at collection (NTU):	22.4	(Less than 5 NTU is desirable)	Duplicate Collected? N		Filtered Sample:	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
	5	25.83	6.69	25.60	0.00	246.00	276.00	2.30	N
	10	25.71	6.78	23.50	0.17	227.00	28.40	3.40	N
	15	25.76	6.77	25.80	0.00	226.00	22.00	4.50	N
	20	25.40	6.76	25.40	0.00	230.00	23.00	6.10	N
	25	23.50	6.80	25.00	0.00	231.00	23.10	6.10	N
	30	23.56	6.81	24.90	0.00	235.00	22.70	6.10	N
	35	23.58	6.87	24.50	0.00	237.00	22.40	6.10	N

Well Condition Summary

Cover: N	**Bolts: N**		**Concrete Pad OK: N**	**Gripper: Y**	

Sample Collection Information

Sample Time:	**13:00**	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	26 Cottage Place, New Rochelle NY			**Job Number:**	10491	**WELL I.D. : MW-6**			
Personnel:	Taij Patel, Jon Stuart			**Date:**	7/1/2020				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? Y 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
2.3'	N/A	9.2'		5.2'	4.0'		7.0'		Peri

Turbidity at collection (NTU):	128	(Less than 5 NTU is desirable)	Duplicate Collected? N		Filtered Sample: 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
	5	21.36	7.91	1.27	0.00	-44.00	1000.00	2.35	N
	10	21.51	7.61	1.08	0.00	-37.00	1000.00	2.35	N
	15	22.35	7.49	1.11	0.00	-7.00	439.00	2.35	N
	20	22.62	7.46	1.12	0.00	-1.00	342.00	2.35	N
	25	22.83	7.44	1.12	0.00	3.00	280.00	2.35	N
	30	22.99	7.43	1.12	0.00	3.00	212.00	2.35	N
	35	23.01	7.42	1.11	0.00	3.00	188.00	2.35	N
	40	23.07	7.42	1.10	0.00	3.00	128.00	2.35	N

Well Condition Summary

Cover: N	**Bolts: N**		**Concrete Pad OK: N**	**Gripper: Y**	

Sample Collection Information

Sample Time:	**12:30**	**Appearance: Murky, then Clear**	**Filtered Sample Turbidity:**	**OTHER:**

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:	10 Cottage Place, New Rochelle, NY			**Job Number:**	10491	**WELL I.D. :**	MW-1		
Personnel:	TP / JRB			**Date:**	8/3/2020				
				PID:	0				

Stickup? 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
		9.52'		0.5'	9.02'				Peri

Turbidity at collection (NTU):	6.7	(Less than 5 NTU is desirable)	**Duplicate Collected?**	N	**Filtered Sample :** 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
	9:00	20.63	12.32	4.74	1.25	-147	15.4		N
	9:05	20.15	12.37	4.38	0.92	-69	11.9		N
	9:10	20.32	12.34	5.08	0.17	-114	8.1		N
	9:15	20.29	12.34	5.79	0.21	-151	7.7		N
	9:20	20.27	12.32	5.86	0.18	-152	7.4		N
	9:25	20.28	12.29	5.99	0.17	-158	6.7		N

Well Condition Summary

Cover: Y	**Bolts:** Y		**Concrete Pad OK:** Y	**Gripper:** Y	

Sample Collection Information

Sample Time:	9:30	**Appearance:** Clear	**Filtered Sample Turbidity:**	**OTHER:**

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:	10 Cottage Place, New Rochelle, NY			**Job Number:**	10491	**WELL I.D. :**	MW-2		
Personnel:	TP / JRB			**Date:**	8/3/2020				
				PID:	0				

Stickup? Y / 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
	1'	8.1'		1'	7.1'				Peri

Turbidity at collection (NTU):	150	(Less than 5 NTU is desirable)		**Duplicate Collected?** N		**Filtered Sample :** 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
	11:10	22.52	9.08	0.795	0.20	132	>1000		N
	11:15	22.28	9.36	0.791	0.05	113	>1000		N
	11:20	22.43	9.34	0.803	0.80	104	560		N
	11:25	22.49	9.29	0.817	1.62	103	412		N
	11:30	22.62	9.25	0.821	2.76	106	151		N
	11:35	22.70	9.23	0.826	2.71	108	150		N
	11:40	22.67	9.19	0.829	3.19	110	150		N

Well Condition Summary

Cover: Y	**Bolts:** Y		**Concrete Pad OK:** Y	**Gripper:** Y	

Sample Collection Information

Sample Time:	11:45	**Appearance:** Cloudy	**Filtered Sample Turbidity:**	**OTHER:**

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:	10 Cottage Place, New Rochelle, NY			**Job Number:**	10491	**WELL I.D. :**	MW-3		
Personnel:	TP / JRB			**Date:**	8/3/2020				
				PID:	0.4				

Stickup? 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
		9.5'		0.5'	9.0'				Peri

Turbidity at collection (NTU):	30.1	(Less than 5 NTU is desirable)	**Duplicate Collected?** Y		**Filtered Sample :** 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
	8:05	21.74	7.33	0.947	0.00	-162	29.0		N
	8:10	19.64	7.12	0.972	0.00	-166	21.1		N
	8:15	19.57	7.07	0.976	0.00	-165	21.8		N
	8:20	19.44	7.01	1.01	0.00	-113	25.3		N
	8:25	19.28	6.99	1.02	0.00	-111	28.0		N
	8:30	19.01	7.01	1.03	0.00	-105	30.1	3.50	N

Well Condition Summary

Cover: Y	**Bolts:** Y		**Concrete Pad OK:** Y	**Gripper:** Y	

Sample Collection Information

Sample Time:	8:35	**Appearance:** Clear	**Filtered Sample Turbidity:**	**OTHER:**

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:	10 Cottage Place, New Rochelle, NY			**Job Number:**	10491	**WELL I.D. :**	MW-4		
Personnel:	TP / JRB			**Date:**	8/3/2020				
				PID:	0				

Stickup? 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
		9.7'		5.52'	4.18'				Peri

Turbidity at collection (NTU):	34.1	(Less than 5 NTU is desirable)		**Duplicate Collected?** N		**Filtered Sample :** 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
	9:45	20.03	9.94	2.12	0.69	248	10.0		N
	9:50	19.25	7.98	1.86	0.00	268	8.4		N
	9:55	19.19	7.45	1.63	0.00	249	38.5		N
	10:00	19.43	7.36	1.65	0.87	236	36.7		N
	10:05	19.70	7.40	1.67	0.93	230	39.0		N
	10:10	19.95	7.51	1.69	0.97	218	34.1	7.53	N

Well Condition Summary

Cover: Y	**Bolts:** Y		**Concrete Pad OK:** Y	**Gripper:** Y	

Sample Collection Information

Sample Time:	10:15	**Appearance:** Clear	**Filtered Sample Turbidity:**	**OTHER:**

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:	10 Cottage Place, New Rochelle, NY			**Job Number:**	10491	**WELL I.D. :**	MW-5		
Personnel:	TP / JRB			**Date:**	8/3/2020				
				PID:	0				

Stickup? Y 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
	1'	8.9'		2.76'	6.14'				Peri

Turbidity at collection (NTU):	96	(Less than 5 NTU is desirable)		**Duplicate Collected?** N		**Filtered Sample :** 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
	12:45	23.01	6.27	30.50	12.18	148	557		N
	12:50	23.53	6.15	27.10	0.00	230	238		N
	12:55	24.76	6.14	27.00	0.00	236	151		N
	13:00	25.42	6.14	27.00	0.00	238	150		N
	13:05	25.76	6.13	27.10	0.00	239	135		N
	13:10	25.85	6.13	27.20	0.00	239	113		N
	13:15	25.95	6.13	27.30	0.00	240	96		N

Well Condition Summary

Cover: Y	**Bolts:** Y		**Concrete Pad OK:** Y	**Gripper:** Y	

Sample Collection Information

Sample Time:	13:20	**Appearance:** Cloudy	**Filtered Sample Turbidity:**	**OTHER:**

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:	10 Cottage Place, New Rochelle, NY			**Job Number:**	10491	**WELL I.D. :**	MW-6		
Personnel:	TP / JRB			**Date:**	8/3/2020				
				PID:	0				

Stickup? Y 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
	1'	9.2'		0.5'	8.7'				Peri

Turbidity at collection (NTU):	98	(Less than 5 NTU is desirable)		**Duplicate Collected?** N		**Filtered Sample :** 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
	12:00	23.50	7.76	0.982	0.00	158	442		N
	12:05	22.24	7.24	0.943	0.00	148	219		N
	12:10	22.37	7.17	0.947	0.00	155	247		N
	12:15	22.26	7.14	0.961	0.00	159	152		N
	12:20	22.14	7.13	0.969	0.00	159	144		N
	12:25	22.17	7.12	0.981	0.00	159	98		N

Well Condition Summary

Cover: Y	**Bolts:** Y		**Concrete Pad OK:** Y	**Gripper:** Y	

Sample Collection Information

Sample Time:	12:30	**Appearance:** Clear	**Filtered Sample Turbidity:**	**OTHER:**

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):							