



Low-Flow Groundwater Sampling Log (Field Sheet)

Project Name and Number: GTAC Hoff VC

Well Number and Location: MW- 3du NY 07/30/13

Sampler: Audrey Yorke and Dimitri Quafisi Zach Bentley

Pump Depth (BTOC): approx 90'

Purging Method: Low Flow

Quantity of Water Removed: _____

Gauging date/time: 7-30-13 Initial Depth to Water: 5.21'

Sampling date/time: 7-30-13 1055

FIELD MEASUREMENTS

Time	Rate (GPM)	Water Level (BTOC)	Temp (°C)	pH (Standard Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (including sand production)
0940	1 gpm	6.90						
0941	1 gpm	8.80						
0943	1 gpm	9.00						
0945	1 gpm	9.10						
0947	1 gpm	9.00						
0951	1 gpm	8.20						
0953	1.5 gpm	9.50						
0955	1 gpm	7.00						
0957	1 gpm	6.70						

BTOC = Below Top of Casing

Comments: Began purging at 1 gpm at 0925. At 0937, depth to water is approx 15'. Continuously pump & surge.

Form Completed by: AY

07/30/13

Low-Flow Groundwater Sampling Log (Field Sheet – Continued)

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Project Name and Number: GTAC Hoff VC

Well Number and Location: MW-3du, Hoff VC

FIELD MEASUREMENTS

07/30/13

Date/Time	Rate (mL/Min)	Water Level (BTOC)	Temp (°C)	pH (Standard Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (including sand production)
0958	1 gpm	6.30						
1000	250 mL/min	6.20	15.24	8.72	0.372	-5.0	0.87	Water appears very turbid
1005	250 mL/min 1 gpm	6.10	15.33	8.80	0.388	-5.0	0.83	"
1010	250 mL/min	6.00	15.14	8.73	0.385	-5.0	0.87	"
1015	250 mL/min	5.95	15.17	8.62	0.376	-5.0	0.91	"
1020	250 mL/min	5.58	15.35	8.50	0.367	-5.0	0.90	"
1025	250 mL/min	5.80	15.81	8.38	0.359	-5.0	0.92	"
1030	250 mL/min	5.75	16.03	8.30	0.354	-5.0	0.94	"
1035	250 mL/min	5.75	16.18	8.25	0.350	-5.0	0.93	"
1040	250 mL/min	5.70	16.31	8.18	0.344	-5.0	0.95	"
1045	250 mL/min	5.70	16.60	8.12	0.341	-5.0	0.95	"
1055	Sample collected at MW-3du.							
						<i>AM</i> 07/30/13		

BTOC = Below Top of Casing

Comments:

Low flow purge began at 1000. Water remained turbid throughout 45 minutes of low flow purge.

Form Completed by:

AM



Low-Flow Groundwater Sampling Log (Field Sheet)

Project Name and Number: GTAC Hoff VC
 Well Number and Location: MW- 3011 Aug 07/30/13
 Sampler: Audrey Yorke and Dimitri Quafisi Zach Bentley
 Pump Depth (BTOC): 180'
 Purging Method: Low Flow
 Quantity of Water Removed: _____
 Gauging date/time: 7-30-13 Initial Depth to Water: 6.15'
 Sampling date/time: 7-30-13 1310

FIELD MEASUREMENTS

Time	Rate (GPM)	Water Level (BTOC)	Temp (°C)	pH (Standard Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (including sand production)
11:45	1 Gpm	70.93	13.79	7.97	0.314	762	1.14	<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> 07/30/13 </div>
11:50		40.20	13.73	7.94	0.313	852	1.12	
11:55		52.00	14.56	7.97	0.316	277.0	0.98	
12:00		56.00	14.66	7.97	0.316	160.0	0.99	
12:05		65.50	14.79	7.98	0.315	185.0	0.95	
12:10		75.60	15.53	7.97	0.316	113.0	0.94	
12:15		78.65	15.75	7.97	0.316	68.8	0.94	
12:20	200 mL/min	74.45	17.24	7.96	0.317	57.5	0.89	
12:25	1	79.30	17.28	7.96	0.316	57.9	0.90	

BTOC = Below Top of Casing

Comments: at 12:20 stop purge/surge & go to low flow

Form Completed by: ZB



Low-Flow Groundwater Sampling Log

(Field Sheet – Continued)

Project Name and Number: GTAC Hoff VC

07/30/13

Well Number and Location: MW-3DL (Hoff VC)

FIELD MEASUREMENTS

Date/Time	Rate (mL/Min)	Water Level (BTOC)	Temp (°C)	pH (Standard Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (including sand production)	
1230	200 ml /min	79.85	17.40	7.95	0.316	66.6	0.92	[Large handwritten bracket spanning rows 1230 to 1310]	
1235	200 mL/min	79.20	17.87	7.95	0.314	64.0	0.93		
1240	200 mL/min	76.20	18.21	7.94	0.318	78.5	1.02		
1245	200 mL/min	78.00	17.43	7.97	0.318	118.0	1.18		
1250	200 ml /min	82.45	15.74	8.00	0.313	137.0	0.97		
1255	200 mL/min	83.95	18.07	7.98	0.316	136.0	0.87		
1300	200 mL/min	82.80	18.78	7.97	0.315	139.0	0.86		
1310	Sample collected at MW-3DL								
[Large handwritten signature 'Ay' and date '07/30/13' over the remaining rows]									

BTOC = Below Top of Casing

Comments:

Duplicate taken at Hoff well - MW-3DL

Form Completed by:

ZB & Ay



Low-Flow Groundwater Sampling Log (Field Sheet)

Project Name and Number: GTAC Hoff VC
 Well Number and Location: MW- 8du Aug 07/30/13
 Sampler: Audrey Yorke and Dimitri Quafisi Zach Bentley
 Pump Depth (BTOC): 100'
 Purging Method: Low Flow
 Quantity of Water Removed: _____
 Gauging date/time: 7-30-13 Initial Depth to Water: 13.00
 Sampling date/time: 7-30-13

FIELD MEASUREMENTS

Time	Rate (GPM)	Water Level (BTOC)	Temp (°C)	pH (Standard Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (including sand production)
1605	1gpm	17.63	13.65	7.98	0.537	-5.0	1.23	
1610	1gpm	22.60	13.71	7.97	0.540	-5.0	1.19	
1615	1gpm	23.00	14.26	7.93	0.538	-5.0	1.16	
1620	1gpm	30.50	13.72	7.81	0.542	-5.0	1.10	
1625	1gpm	31.80	13.92	7.74	0.527	-5.0	1.02	
1630	200 ml/min	30.60	13.89	7.69	0.521	-5.0	1.04	
1635	200 ml/min	24.78	14.37	7.64	0.529	-5.0	1.06	
1640	200 ml/min	23.70	14.16	7.55	0.533	-5.0	1.04	
1645	Sample collected at MW-8du.							

BTOC = Below Top of Casing

Comments: Turbidity appeared to drop (water in Horiba cell cleared up) towards end of low flow purge.

Form Completed by: Aug



Low-Flow Groundwater Sampling Log (Field Sheet)

Project Name and Number: GTAC Hoff VC
 Well Number and Location: MW- 8dL NY 07/30/13
 Sampler: Audrey Yorke and Dimitri Quafisi Zach Bentley
 Pump Depth (BTOC): 220'
 Purging Method: Low Flow
 Quantity of Water Removed: _____
 Gauging date/time: 7-30-13 Initial Depth to Water: 13.6'
 Sampling date/time: 7-30-13

FIELD MEASUREMENTS

Time	Rate (GPM)	Water Level (BTOC)	Temp (°C)	pH (Standard Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (including sand production)
1440	1gpm	7.00	14.50	8.10	0.450	173.0	2.23	
1445	1gpm	27.20	13.95	8.07	0.449	190.0	1.50	
1450	1gpm	47.00	13.97	8.08	0.444	169.0	1.32	
1455	1gpm	57.50	14.72	8.09	0.445	80.9	1.23	
1500	1gpm	63.80	16.65	8.08	0.445	99.2	1.17	
1505	1gpm	68.90	14.55	8.11	0.447	98.5	1.37	
1510	1gpm	77.10	16.30	8.07	0.445	176.0	1.24	
1525	200 mL/min	78.77	16.41	8.15	0.444	169.0	1.56	
1530	200 mL/min	80.35	17.29	8.13	0.450	175.0	1.44	

BTOC = Below Top of Casing

Comments: Begin purging water at 1gpm at 1440. continuously pump & surge.

Form Completed by: AY



Low-Flow Groundwater Sampling Log

(Field Sheet – Continued)

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Project Name and Number: GTAC Hoff VC
Well Number and Location: MW-80L Hoff VC 07/20/13

FIELD MEASUREMENTS

Date/Time	Rate (mL/Min)	Water Level (BTOC)	Temp (°C)	pH (Standard Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (including sand production)
1535	200 mL/min	83.00	15.45	8.13	0.491	146.0	1.53	/
1540	200 mL/min	85.90	17.29	8.10	0.492	156.0	1.48	
1545	Sample collected at MW-30L.							

BTOC = Below Top of Casing

Comments:

Form Completed by:

AJ