zia engineering & environmental consultants, llc

WELL SAMPLING FIELD LOG

Date: 5-15-13 Personnel: Brad Davis

Well ID: HTA-16

Air Temp: 75°F Water Quality Meter: YSI 556 # 06E2472

Weather: Overcast. Water Level Indicator: Solinst #18

Pump #: 11287 Turbidity Meter: #10

Drum: 30 gal Comp.

Well TD: 104.92 ft. Well Size: 4"

DTW (TOC): 87.35 ft. DTW (bgs): 85.43 ft.

LOC: 1.92 ft.

Date: 5-15-13 Well ID: HTA-16

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND ms/cm	TDS g/l	DO mg/l	pH	ORP mV	TURB NTU
87.57	0952	init.	20.66	6.622	4.694	3.31	6.46	-113.3	1.22
87.57	0957	800	20.67	6.897	4.887	1.54	6.43	-133.2	1.05
87.57	1002	1700	20.64	6.486	4.598	1.00	6.41	-145.1	1.03
87.57	1007	2600	20.72	5.234	3.705	0.74	6.43	-157.0	1.02
87.57	1012	3500	20.90	4.153	2.929	0.58	6.47	-168.8	1.02
87.57	1017	4400	20.95	2.930	2.064	0.45	6.57	-184.8	0.95

Sample Parameters

Temp: 20.95°C ORP: -184.8 mV

Cond: 2.930 mS/cm Turbidity: 0.95 NTU

TDS: 2.064 g/L ~~CO_2~~: N/A

pH: 6.57 ~~Fe^{2+}~~: Alkalinity = >300 ppm

Sample Date: 5-15-13 Time: 1020

ID: HTA 16-0513-1

Notes: R-15, D-15, PSI-55 Start Purge = 0943
finish time = 1105 Total time = 1:22 1st water = 0949
final drawdown = 87.57 ft.
Water has a sewage/Sulfur Smell

Sampler Signature: Brad Davis

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WELL SAMPLING FIELD LOG

Date: 5-15-13 Personnel: Brad Davis

Well ID: HTA-3

Air Temp: 83°F Water Quality Meter: YSI 556 #06E2472

Weather: p.Cloudy Water Level Indicator: N/A

Pump #: Supply Well Turbidity Meter: #10

Drum: 30gal Comp.

Well TD: Unk. Well Size: Unk.

DTW (TOC): Unk. DTW (bgs): Unk.

LOC: Unk.

Date: 5-15-13 Well ID: HTA-3

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND ms/cm	TDS g/l	DO mg/l	pH	ORP mV	TURB NTU
Unk	1205	init.	26.80	0.791	0.498	67.5	7.45	-32.9	0.32
	1207	750	24.42	0.728	0.479	64.8	7.54	-29.0	0.28
	1209	1500	22.89	0.699	0.474	60.8	7.52	-13.9	0.10
	1211	2250	22.39	0.691	0.473	58.3	7.48	-2.1	0.08
	1213	3000	22.26	0.689	0.473	56.4	7.44	8.6	0.08
	1215	3750	22.26	0.689	0.473	56.0	7.42	13.8	0.08

Sample Parameters

Temp: 22.26 °C ORP: 13.8 mV

Cond: 0.689 ms/cm Turbidity: 0.08 NTU

TDS: 0.473 g/l ~~CO_2~~: N/A

pH: 7.42 ~~Fe^{2+}~~: Alkalinity = 245 ppm

Sample Date: 5-15-13 Time: 1220

ID: HTA 3-0513-1 + ms + msd

Notes: Purge + Sample from Spigot.
Start purge 1203.

Sampler Signature: