zia engineering & environmental consultants, llc

WELL SAMPLING FIELD LOG

Date: 5-9-13
Personnel: Brad Davis Allison Jennessy
Well ID: HTA-102
Air Temp: 59°F
Water Quality Meter: YSI 556 06E2472
Weather: Cloudy
Water Level Indicator: Solinst #18
Pump #: 11287
Turbidity Meter: #10
Drum: 30 gal Comp.
Well TD: 114.00 ft.
Well Size: 4"
DTW (TOC): 96.03 ft.
DTW (bgs): Unknown
LOC: Unknown

Date: 5-9-13
Well ID: HTA 102

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND ms/cm	TDS g/l	DO mg/l	pH	ORP mV	TURB NTU
96.26	0926	init.	18.63	0.747	0.553	4.85	7.73	82.8	0.75
96.38	0931	750	19.07	0.755	0.554	3.97	7.70	53.1	0.75
96.41	0935	1500	19.26	0.759	0.554	3.69	7.72	45.1	0.70
96.41	0940	2250	19.53	0.764	0.555	3.55	7.72	46.9	0.65
96.41	0945	3000	19.57	0.765	0.554	3.50	7.69	41.0	0.60

Sample Parameters

Temp: 19.57°C
ORP: 41.0 mV
Cond: 0.765 ms/cm
Turbidity: 0.60 NTU
TDS: 0.554 g/L
~~CO_2~~: N/A
pH: ~~3~~ 7.69
~~Fe^{2+}~~: Alkalinity = 228 ppm
Sample Date: 5-9-13
Time: 0955
ID: HTA 102-0513-1

Notes: Refill - 15 Discharge - 15 PSI - 60 Start Purge - 0918
1st Water - 0924 Finish time - 1030
Total time - 1:12
Final drawdown - 96.48

Sampler Signature: Brad Davis

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WELL SAMPLING FIELD LOG

Date: 5-9-13
Personnel: Brad Davis Allison Jenness
Well ID: HTA-101
Air Temp: 74°F
Water Quality Meter: YSI 556 - 06E2472
Weather: p.Cloudy
Water Level Indicator: Solinst # 18
Pump #: 11287
Turbidity Meter: #10
Drum: 30gal Comp.
Well TD: 117.15 ft.
Well Size: 4"
DTW (TOC): 99.92 ft.
DTW (bgs): Unknown
LOC: Unknown

Date:
Well ID:

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND ms/cm	TDS g/l	DO mg/l	pH	ORP mV	TURB NTU
100.06	1104	init.	20.09	0.754	0.540	6.06	7.69	82.5	0.55
100.08	1109	750	20.08	0.753	0.540	5.44	7.78	49.6	0.50
100.08	1114	1500	20.20	0.755	0.541	5.24	7.92	42.0	0.42
100.08	1119	2250	20.33	0.757	0.541	5.11	7.70	39.8	0.35
100.08	1124	3000	20.35	0.756	0.541	5.12	7.70	37.5	0.35
100.08	1129	3750	20.32	0.757	0.541	5.04	7.67	37.6	0.32

Sample Parameters

Temp: 20.32 °C
ORP: 37.6 mV
Cond: 0.757 ms/cm
Turbidity: 0.32 NTU
TDS: 0.541 g/L
~~CO_2~~: N/A
pH: 7.67
~~Fe^{2+}~~: Alkalinity = 243 ppm
Sample Date: 5-9-13
Time: 1130
ID: HTA 101-0513-1

Notes: R-15 D-15 PSI-55 Start Purge - 1059
1st water - 1104 Finish time - 1230
Total time - 1:26 final drawdown - 100.08 ft.

Sampler Signature: Brady T. Davis