Location Guayama, PR Date 9-28-11
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| Time | Temp | cond | ~~DO~~ pH | ~~OR~~ DO | ORP | V.s. |
|---|---|---|---|---|---|---|
| 1156 | 33.27 | 0.898 | 6.53 | 0.70 | -106.7 | turbid |

1200 Collected 0080-07-GW. Drillers off site for lunch
1300 Drillers return. Relocating to tank 401.
1320 Setting up at 401, shut down for lightning
1400 Return to work
1425 Drilled to 16 ft at 0401-10. WL @ 11.95 TD @ 16 ft. Will collect water sample from ~14 ft.

| Time | temp | cond | pH | DO | ORP | V.s. |
|---|---|---|---|---|---|---|
| 1433 | 31.14 | 1.117 | 6.55 | 0.15 | -125.9 | muddy |

1435 Collecting 0401-10-GW + DUP.
1515 Disposed of waste
1535 Off site for ice + to pack coolers
1610 Coolers (4) packed, heading to FedEx
1700 Coolers delivered to FedEx. Airbill 8754764 1 ~~7527~~ 7529
1710 Unloading truck. Weather



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1710 (cont) 87°, cloudy, winds ~5mph.

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0450 Loading truck
0545 Picking up ice
0555 At Facility. Weather: clear, winds ~5mph, 72°. Loading equipment + prepping coolers
0620 Calibrating PID: 0.0 / 99.9
Calibrating YSI:
Sp Cond 1.413 @ 21.27
pH 7 7.00 @ 21.65
pH 4 4.00 @ 21.49
pH 10 9.99 @ 22.60
DO 8.26 @ 25.03
ORP 240.0 @ 22.34
0630 Daily safety meeting w/ JFA: continue @ 401, 403 and relocate to Tank 100 or 710.
0705 Collected 0401-08-50-2
0715 Collected 0401-08-50-6 (High PID)
0750 Drilled to 28 ft, WL @ 12.02 TD @ 28 ft (aquifer @ ~22 ft, will collect sample at ~19 ft

| Time | temp | cond | pH | DO | ORP | Vis |
|---|---|---|---|---|---|---|

0830 Screen tool plugged twice at ~ 18 ft will attempt sampling



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0830 (cont) at 16 ft.

| Time | temp | cond | pH | DO | ORP | Vis |
|---|---|---|---|---|---|---|
| 0838 | 31.21 | 1.165 | 6.77 | 0.70 | -97.5 | Turb/muddy |

0840 Collected 0401-08-GW @ 16 ft
0915 Collected 0403-08-50-10
Note: poor returns from 0-4 ft will drill an offset hole after collecting the water sample.
0925 Drilled to 16 ft at 0403-08. TD = 16 ft, WL @ 12.16, will collect water sample from 14 ft

| Time | temp | cond | pH | DO | ORP | Vis |
|---|---|---|---|---|---|---|
| 0937 | 32.35 | 0.986 | 6.76 | 0.89 | -59.2 | turbid |

0940 Collecting 0403-08-GW @ 14 ft
1010 Collecting 0403-08-50-2
1150 Drilled to 20 ft @ 0403-10. WL at 9. Will collect water sample at 14 ft.

| Time | temp | cond | pH | DO | ORP | Vis |
|---|---|---|---|---|---|---|
| 1101 | 32.35 | 0.460 | 6.28 | 0.51 | -14.9 | turbid/muddy |

1105 Collecting 0403-10-GW from 14 ft.
Drillers offsite for lunch
1205 Drillers return.
1225 Relocating to Tank 100.