Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

DAILY FIELD REPORT

Project Name: WellGauging C-6 Fac.	**Project #:** EM2302	**Date:** 9/13/02
Personnel: NC/RK	**Sub Contractors:** NA	

Task: Gauge 30 groundwater monitoring wells at Boeing C-6 Facility in Torrance

Time Arrived at Site: 6:50	**Time Left Site:** 15:30	**Total Hours at Site:**
Odometer (Start):	**Odometer (End):**	**Total Miles:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: 29484
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [ ] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] PID/FID Type: _____ Serial #: _____
- [ ] Submbersible Pump Type: _____ Serial #: _____
- [ ] Generator Type: _____ Serial #: _____
- [x] Company Truck License #: 5F34790
- [ ] Other(s): _____

Desription of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on site at 6:50 a.m. Scott EK
Conducted tailgate safety meeting.
Set up decon station, calibrated solinist to 50'.

Client Signature (if applicable): _____ **Date:** _____

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Project Name: Well Gauging - C-6 Fac	Project #: EM2302	Date: 9/13/02

- Could not find WCC-3D, suspect it may have been buried.
- Could not get solinist past tubing in TMW-8. Went to BRC C-1 Fac. in Long Beach for fishing tool and shovels (to look for WCC-3D).
- Fished tubing out of TMW-8.
- Cut lock off fence to access wells on Autonation property.
- Pulled tubing out of TMW-3 because it was too short, and would fall further down well.
- Pulled tubing at TMW-11 for same reason.
- Had to dig MONTROSE XMW-1 out of dirt to locate, dirt piled up to top of casing was falling in.
- Had to dig WCC-6S to remove dirt that was also falling into well.
- Dug around TMW-13 to remove dirt and rocks that were falling into well.
- Attempted to measure out location of WCC-3D and dig by hand, unable to locate.

BOE-C6-0154406

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DAILY FIELD REPORT

Project Name: C-6 Torrance Sept. 2002 GW Sampling	**Project #:** EM2303	**Date:** 9/16/02
Personnel: NC/RK/SEE	**Sub Contractors:** NA	

Task: Sample 4 ~~tte~~ NC groundwater wells.

Time Arrived at Site: 6:30	**Time Left Site:** 14:45	**Total Hours at Site:**
Odometer (Start):	**Odometer (End):**	**Total Miles:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: 3
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] PID/FID Type: _____ Serial #: _____
- [x] Submbersible Pump Type: Grundfos 2" Serial #: _____
- [x] Generator Type: Multiquip 6000 Serial #: _____
- [x] Company Truck License #: 5F 34790
- [x] Other(s): Rediflow Variable Frequency Drive.

Desription of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on site at 6:30, NC began paperwork, SEE & RK collected equipment. Calibrated solinist, & Horiba. Conducted tailgate H&S meeting.

Client Signature (if applicable): _____ **Date:** _____

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Project Name: C-6 Torrance Sept. 2002 GW Sampling	Project #: EM2303	Date: 9/16/02

Collected equipment blank EB_TAIT091602_0001 at 8:00.

Collected decon water sample EB_TAIT091602_0002 at 8:12.

Began purging WCC-5S at 8:46, collected sample WCC-5S_WG091602_0001 at 9:35.

Began purging TMW-16 at 10:38. Purged 12 casing volumes to achieve low turbidity, collected sample TMW-16_WG091602_0001.

Began purging TMW-10 at 12:57. Collected field blank FB_TAIT091602_0001 at 13:10.

Collected sample TMW-10_WG091602_0001 at 13:25.

Began purging TMW-14 at 13:47, collected sample TMW-14_WG091602_0001 at 14:15.

Left site at around 14:45.

NC arrived at office at about 15:45 to do ECOC and deliver samples to STL.

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DAILY FIELD REPORT

Project Name: BRC Former C-6 Sept. 2002 GW Sampling	**Project #:** EM2303	**Date:** 9/17/02
Personnel: NC/RK	**Sub Contractors:**	

Task: Sample groundwater wells per September 2002 sampling event.

Time Arrived at Site: 7:00	**Time Left Site:** 15:30	**Total Hours at Site:**
Odometer (Start):	**Odometer (End):**	**Total Miles:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: 29484
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] PID/FID Type: _____ Serial #: _____
- [x] Submbersible Pump Type: 2" Grundfos Serial #: _____
- [x] Generator Type: Multiquip 6000 Serial #: _____
- [x] Company Truck License #: 5F34790
- [x] Other(s): Rediflow Variable Frequency Drive

Desription of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on site at 7:00 a.m. Conducted tailgate health and safety meeting. Calibrated Solinist and Horiba U-22.
Decontaminated equipment.

Client Signature (if applicable): _____ **Date:** _____

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Project Name: ~~BRC Former C-6~~ Sept. 2002 GW Sampling	Project #: EM2303	Date: 9/17/02

Collected equipment blank EB_TAIT091702_0001 at 7:30.

Began purging TMW-11 at 8:06. Purged 6.5 casing volumes to achieve lowered turbidity. Silt that had deposited in tubing and Horiba flow cell may have contributed in elevated turbidity readings. Collected TMW-11_WG091702_0001 at 9:00.

Began purging TMW-15 at 9:32. Purged 5.5 casing volumes to achieve low turbidity. Collected field blank FB_TAIT091702_0001 at 9:30. Collected sample TMW-15_WG091702_0001 at 10:27.

Arrived at TMW-13 at 10:45. Dirt & rocks are piled up to top of casing, and was falling into well. Submersible pump became stuck in TMW-13, attempted to retrieve.

Left site at around ~~3:30.~~ NC 15:30.

NC arrived at the office at 16:30 to do ECOC + deliver samples to STL

BOE-C6-0154410

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DAILY FIELD REPORT

Project Name: BRC Former C-6 Sept. 2002 GW Sampling	**Project #:** EM2303	**Date:** 9/18/02
Personnel: NC/RK	**Sub Contractors:** NA	

Task: Sample groundwater wells per Sept. 2002 Sampling event

Time Arrived at Site: 7:00	**Time Left Site:**	**Total Hours at Site:**
Odometer (Start):	**Odometer (End):**	**Total Miles:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: 29484
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] PID/FID Type: _____ Serial #: _____
- [x] Submbersible Pump Type: Grundfos 2" Serial #: _____
- [x] Generator Type: Multiquip 6000 Serial #: _____
- [x] Company Truck License #: 5F 34790
- [x] Other(s): Rediflow Variable Frequency Drive.

Desription of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on site at 7:00. Conducted tailgate health and safety meeting. Calibrated Solinist and Horiba., Decontaminated equipment.

Client Signature (if applicable): _____ **Date:** _____

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Project Name: ~~BRC Former C-6~~ Sept. 2002 GW Sampling	Project #: EM2303	Date: 9/18/02

Collected equipment blank EB_TAIT091802-0001 at 8:15.
Began purging TMW-6 at 8:33.
Collected field blank FB_TAIT091802_0001 at 8:37.
Collected sample TMW_6_WG091802_0001 at 8:50

Began purging TMW-12 at 9:17, Collected sample TMW_12_WG091802_0001 at 9:35.
Began purging TMW-1 at 10:06, Collected sample TMW_1_WG091802_0001 & duplicate TMW_1_WG091802_0002. at 10:30.
Began purging TMW-4 at 10:58, collected sample TMW_4_WG091802_0001 at 11:20.
Began purging TMW-7 at 11:45, ~~at~~ NC collected sample TMW_7_WG091802_0001 at 12:05.
Began purging TMW-5 at 12:49, collected sample TMW_5_WG091802_0001 at 13:10.
Left site at around 14:00.

NC arrived at ~~to~~ NC the office to do Ecoc and deliver Samples to STL.

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DAILY FIELD REPORT

Project Name: BRC Former C-6 Sept. 2002 GW Sampling	**Project #:** EM2303	**Date:** 9/19/02
Personnel: NC/RK	**Sub Contractors:** NA	

Task: Sample groundwater wells per Sept. 2002 sampling event.

Time Arrived at Site: 7:00	**Time Left Site:**	**Total Hours at Site:**
Odometer (Start):	**Odometer (End):**	**Total Miles:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: 29484
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] PID/FID Type: _____ Serial #: _____
- [x] Submbersible Pump Type: 2" EZ-Reel Serial #: _____
- [x] Generator Type: Multiquip 6000 Serial #: _____
- [x] Company Truck License #: 5F34790
- [x] Other(s): Rediflow Variable Frequency Drive.

Desription of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on site at 7:00. Conducted tailgate health and safety meeting.
Calibrated instruments (solinist + Horiba)
Decontaminated equipment.

Client Signature (if applicable): _____ **Date:** _____

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Project Name: BRC Former C-6 Sept. 2002 GW Sampling	Project #: EM2303	Date: 9/19/02

Collected equipment blank EB_TAIT091902-0001 at 8:00
Began purging TMW-3 at 8:29, collected sample TMW-3_WG091902-0001.
Began purging DAC-P1 at 9:16.
Collected field blank FB_TAIT091902_0001 at 9:20.
Collected sample DAC_P1_WG091902_0001 at 9:55.
Began purging TMW-2 at 10:27,
Collected sample TMW_2_WG091902_0001 at 10:47.

NC left site at about 11:15, arrived at the office to do ECOC and deliver samples to STL.

BOE-C6-0154414