FIELD DATA REPORT

June 2007 Baseline Monitoring (Round 2)
And Quarterly Groundwater Monitoring Sampling Event
Former Building 1/36
Boeing Realty Corporation
Former C-6 Facility
Torrance, California
June 2007

Prepared by:

Tait Environmental Management, Inc.
701 N. Parkcenter Drive
Santa Ana, CA 92705

June 13, 2007

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

June 13, 2007

Mr. Joseph Weidman
Haley & Aldrich, Inc.
3 West Carrillo St.
Suite 201
Santa Barbara, CA 93101

Subject: Field Data Report for the June 2007 Baseline Monitoring (Round 2) and Quarterly Groundwater Monitoring Plan, Former Building 1/36 at the Boeing Realty Corporation, Former C-6 Facility, Torrance, California

Dear Mr. Weidman:

This report was prepared to summarize and present the field data collected during June 2007 for the June 2007 Baseline Monitoring (Round 2) and Quarterly Groundwater Monitoring Plan, Former Building 1/36 at the Boeing Realty Corporation (BRC), Former C-6 Facility, Torrance, California (Site). The Groundwater Monitoring and Sampling activities were performed in accordance with the following:

June 2007 Baseline Monitoring (Round 2) and Quarterly Groundwater Monitoring Plan Former Building 1/36 by CDM for Boeing Realty Corporation (BRC), dated May 25, 2007.

Table 1A: June 2007 General WDR and Quarterly Sampling Plan, Former Building 2, Former C-6 Facility Site, Los Angeles, California, from CDM, dated June, 2007.

Figure 1A: Boeing Realty Corporation Former C-6 Facility Former Building 2 June 2007 WDR and Quarterly Sampling Event, Former C-6 Facility Site, Los Angeles, California, from CDM, dated June, 2007.

The following is a brief summary of our field activities:

- A total of 20 monitoring wells were gauged for depth to water and total depth between June 4th, 2007 and June 8th, 2007 as part of the June 2007 Baseline Monitoring (Round 2) and Quarterly Groundwater Monitoring Plan. These monitoring wells were also inspected during gauging and sampling activities for any damage or missing materials. A total of 20 monitoring wells were reported to be in good condition.

BOE-C6-0054057

- A total of 20 monitoring wells were purged and sampled between June 4th, 2007 and June 8th, 2007 using a Grundfos electrical submersible pump, Monsoon pump (low flow), Wattera pump, Horiba water tester with flow through cell and a Solinst water level meter. Fourteen wells were purged using the low flow purging technique (Monsoon pump), four wells were purged using the regular purging technique (Grundfos pump) and two wells were purged using the regular purging technique (Wattera pump). Laboratory Task Order and Pre-field Checklist are included in Appendix A. Field instruments were calibrated daily in the field and the calibration data sheets are included in Appendix B.

- A normal turnaround time of 10 days was requested for lab analysis of all samples.

- Purge water (334 gallons) was transported to an onsite storage tank located in the treatment compound.

Please contact the undersigned at (714) 560-8200, if you have any questions or comments. TEM is pleased to be of continued service to Boeing Realty Corporation.

Sincerely,

Tait Environmental Management, Inc.

Carmen Lo
Environmental Analyst

Clara Boeru
Project Manager

Appendices:

A – June 2007 Baseline Monitoring (Round 2) and Quarterly Groundwater Monitoring Plan, Laboratory Task Order and Pre-field Checklist

B – Daily Field Reports, Health & Safety Meeting Forms, Chain of Custody Records, Groundwater Sampling Data Sheets, Field Instrument Calibration Data Sheets, Investigation Derived Waste (IDW) Inventory Record, QA/QC Sample Identification Forms and Gauging Data Sheets

BOE-C6-0054058

June 2007
WDR and Quarterly Groundwater Monitoring Plan
Former Building 2
Former C-6 Facility, Boeing Realty Corporation
Los Angeles, California

Table 1A presents the details of the June 2007 monitoring round for Former Building 2 area wells, which includes:

- Sampling of the 16 designated WDR monitoring wells as required by the general Waste Discharge Requirements Order No. R4-2002-0030: Series 007; and
- Third round of quarterly sampling of the four monitoring wells installed in 2006.

All wells will be gauged prior to collecting groundwater samples to determine static water levels and total well depth. Well locations are shown on the attached Figure 1A. Except as modified below, all procedures, including quality assurance (QA) and data validation, will be as described in the 2007 Groundwater Monitoring Work Plan (CDM, February 5, 2007).

WDR Monitoring

Low-flow purging techniques, to maintain uniform flow rates on the order of 0.1 to 0.5 liters/min, will be used to collect groundwater samples and minimize disturbance to the groundwater in the 16 WDR monitoring wells such that drawdown is less than 0.3 foot. Please note that IRZB0081 and IRZB0095, which are ¾-inch diameter wells need to be sampled with appropriately sized low-flow pump (such as ½-inch Durham Geo Mini Bladder Pump or equal). In addition, due to the small size of these wells no water level measurements can be taken during purging of these wells. Samples collected from each well will be tested for biogeochemical parameters using an YSI unit, field test kits, and fixed-base laboratory analyses. The YSI unit or equal, with a calibrated probe placed in a flow through cell, will be used to measure pH, dissolved oxygen (DO), oxidation-reduction potential (ORP), Electrical Conductivity (EC), and temperature. A turbidity meter (Hach 2100P or equal) shall be used to monitor turbidity of the water during purging. Hach, Inc. field test kits will be used to measure ferrous iron (Fe [II]) and hydrogen sulfide. During purging, at least pH, conductivity, turbidity, and DO should stabilize such that three successive readings should be within ± 0.1 for pH, ± 3% for conductivity, and ± 10% for turbidity and DO. During purging, a minimum of one tubing volume (including the volume of water in the pump and flow cell) must be purged prior to recording the water-quality indicator parameters. Following field analyses, groundwater samples will be collected for laboratory analysis as shown on Table 1A.

Quarterly Monitoring

For wells which are designated for quarterly monitoring only, the purging and sampling procedures described in the 2007 Groundwater Monitoring Work Plan (CDM, February 5, 2007 will be followed. Groundwater samples will be collected from these wells for field testing and laboratory analysis as shown on Table 1A.

Table 1A - FIRST PRIORITY
June 2007 General WDR and Quarterly Sampling Plan
Former Building 2
Boeing Reality Corporation, Former C-6 Facility
Los Angeles, California

Well ID	Water Bearing Unit	Sampling Order [1]	June 2007 Quarterly Event and WDR Analytical Program							
			Water Level Gauging	VOCs (8260B) [2]	Field Parameters and measurements [3]	Total Organic Carbon [4]	Hydrogen Sulfide (field measurement)	Total Sulfides	Dissolved Gases and Sulfate [5, 6]	qPCR and Rdase genes (tceA, vcrA, and bvcA) [7]
Monitoring Wells for Quarterly Sampling										
EWC002	C-Sand	5	x	x	x	x				
IWC001	C-Sand	9	x	x	x	x				
IWC002	C-Sand	7	x	x	x	x				
MWC024	C-Sand	8	x	x	x	x				
WDR Monitoring Wells										
IRZB0081	B-Sand	18	x	x	x	x	x	x	x	x
IRZB0095	B-Sand	17	x	x	x	x	x	x	x	x
IRZMW001A	B-Sand	1	x	x	x	x	x	x	x	
IRZMW001B	B-Sand	11	x	x	x	x	x	x	x	x
IRZMW002A	B-Sand	3	x	x	x	x	x	x	x	x
IRZMW002B	B-Sand	16	x	x	x	x	x	x	x	
IRZMW003A	B-Sand	2	x	x	x	x	x	x	x	
IRZMW003B	B-Sand	14	x	x	x	x	x	x	x	x
IRZMW004	B-Sand	6	x	x	x	x	x	x	x	
IRZMW005	B-Sand	12	x	x	x	x	x	x	x	
IRZCMW001	C-Sand	10	x	x	x	x	x	x	x	x
IRZCMW002	C-Sand	19	x	x	x	x	x	x	x	x
IRZCMW003	C-Sand	4	x	x	x	x	x	x	x	
CMW001	C-Sand	20	x	x	x	x	x	x	x	
CMW002	C-Sand	13	x	x	x	x	x	x	x	
CMW026	C-Sand	15	x	x	x	x	x	x	x	x
Quality Control Samples [8]										
Duplicates (1 per 20 wells)				x (1)						
Rinseate Blanks (1 per day)				x (4)						
Trip Blanks (1 per day)				x (4)						

Notes:

[1] Based on March 2007 data

[2] VOCs = Volatile organic compounds by EPA Method 8260B

[3] Field Parameters = pH, Dissolved oxygen (DO), oxidation-reduction potential (ORP), turbidity, Electrical Conductivity (EC), temperature, and ferrous iron.

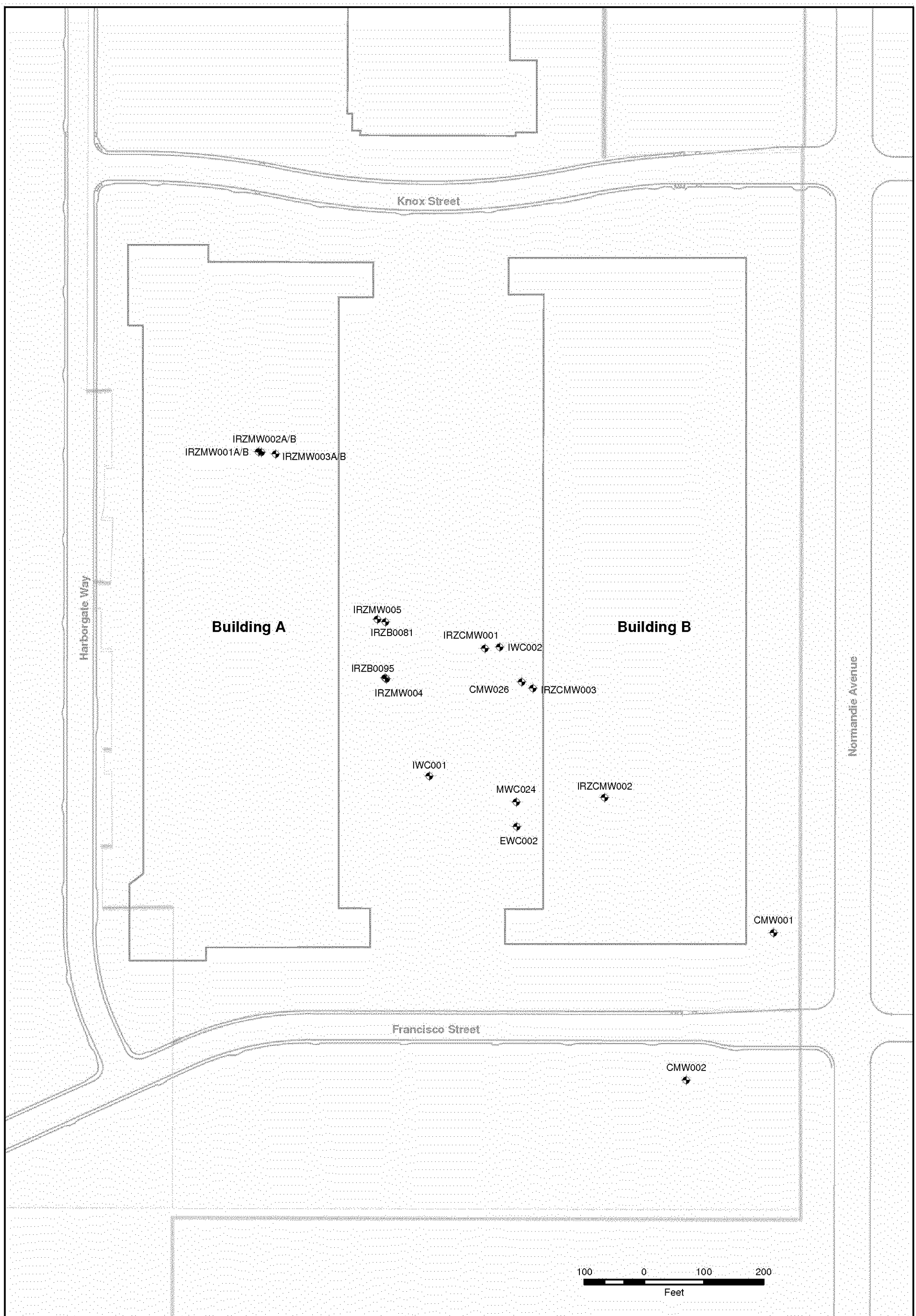
[4] Total organic carbon (TOC) by EPA Method 9060 Modified or 415.1 or equal

[5] Dissolved gases (ethane, ethane and methane) by RSK 175

[6] Sulfate by EPA Method 300 Series or equal

[7] qPCR =Quantitative Polymerase Chain Reaction test for Dehalococcoides bacteria and functional gene analyses for the three reductase (RDase) genes - tceA (TCE RDase), vcrA, and bvcA (BAV1 RDase) - By Northwind Environmental

[8] Quality control sample number based on estimated number of sampling days.



May 23, 2007

Legend

Property Boundary

Parcel Boundary

Groundwater Sampling Locations

N

CDM

Figure 1A

Boeing Realty Corporation
Former C-6 Facility

Former Building 2
June 2007 WDR and
Quarterly Sampling Event

LABORATORY TASK ORDER (LTO) FORM

INSTRUCTIONS: To be completed by Environmental Contractor & Emailed to Laboratory Project Manager, CH2M HILL (boeingedms@ch2m.com) & the Data Validator at Least 48 hrs prior to need for sample containers. Project Analytical Laboratory will confirm receipt via E-Mail.

Event Name: *June 2007 Sampling Event, Former Bldg. 2, Former C-6 Facility, Torrance* **Start:** *6/4/2007* **End:** *6/8/2007*

LTO DATE: 6-Jun-07 **LTO NUMBER:** LTO-C6SWG060407Rev1

Consultant Name: Tait Environmental Mgmt.
Address: 701 North Parkcenter Drive
Santa Ana, CA 92705

Contact Name: Clara Boeru
Phone Number: (714) 560-8658
Fax Number: (714) 560-8235
E-mail Address: cboeru@tait.com

Contract Laboratory: Test America
Address: 17461 Derian Ave., Suite 100
Irvine, California 92614-5817

Lab Contact Name: Nick Marz
Phone Number: (949) 261-1022
Fax Number: (949) 260-3297
E-mail Address: nmarz@testamericainc.com

SAMPLE CONTAINER ORDER FORM

Date Required: 06/01/07
6/4/2007-6/8/2007
4:30:00 PM

Date Sample Pickup: (estimated)

Ship Containers To:

Project Site _____ *(enter "X")*

Consultant Office X *(enter "X")*

Other Location (specify in comments) _____ *(enter "X")*

Container Information:

Trip Blank (VOA only) Yes *(Yes/No)*
Temp Blank (VOA Only) Yes *(Yes/No)*
DI Water Required? Yes *(Yes/No)*
MS/MSD Extra Bottles? No *(Yes/No)*

Sample Matrix:

Soil _____ *(select all applicable)*
Water X *(select all applicable)*
Vapor _____ *(select all applicable)*

Est. Total # of Samples: 20 Est. Total # of EDDs 4

Requested Analyses: (Specify # of Samples)

	Water	Soil	Vapor
EPA 8015M (GRO)			
EPA 8015M (DRO)			
EPA 8015M (JET FUEL)			
Total Sulfides	16		
EPA 8260B (VOC)	20		
DHGs: (ethene, ethane and methane) (RSK-175)	16		
CO2 (SM4500-C)			
Sulfate (300)	16		
TOC (415.1)	20		
qPCR (Dehalococcoides Bacteria)	8		
VFAs(by IC by Microseeps)			
Total Alkalinity (310)			
Rdase Gnes (tceA, vcrA, and bvcA)	8		
EPA 625/8270C (SVOC)			
EPA 8310 (PAH)			
EPA 8082 (PCB)			
EPA TO-15 VOCs (Scan)			
EPA TO-15 VOCs (SIM)			
CCR Title 22 Metals			
Total Lead			
Wet Chemistry (pH, etc.)			
General Minerals			
Fish Bioassay			
EPA TO-14 (VOCs)			
EPA 8015M (CC)			

LABORATORY REPORTING REQUIREMENTS

Project TAT:

Normal: _____ (10 Business days)
RUSH: _____ (Specify- 24 / 48 / 72HRS)
Other : 5 days (Specify # of Days)
Report Due Date: 06/15/07

Laboratory Results/Reports Deliverables:

Specify Fax/E-mail Contact Name, #, E-mail Address:
cboeru@tait.com

Draft Results Fax?: No (Yes/No)
Draft Results E-mail?: Yes (Yes/No)

Send Original Reports To:
Project Site _____ *(enter "X")*
Consultant Office X *(enter "X")*
Other Location (specify in comments) _____ *(enter "X")*
# of Copies Reports Req.: _____

Special Reporting Requirements:

Contingent Analysis? _____ *(Yes/No)*
TIC (VOC) Required? _____ *(Yes/No)*
TIC (SVOC) Required? _____ *(Yes/No)*
Data Validation Package.: _____ (Boeing Tier I, II or III)

SPECIAL INSTRUCTIONS/LTO NOTES (PLEASE READ)

PLEASE INCLUDE COC's AND LABELS, TRIP BLANKS (1 PER DAY), TEMPERATURE BLANKS (1 PER DAY), DUPLICATE (1 SET), COOLERS, AND DI WATER DELIVERED DAILY IN TWO-GALLON CONTAINERS.
PLEASE ADD A BOX OF NON PRESERVED VOAs FOR BACKUP / BUBBLE / RINSEATE BLANKS.

CONFIRMATION OF TRANSMITTAL & RECEIPT

LTO Sent By:
Name: Clara Boeru
Date: 05/29/07

LTO Received By:
Name: _____
Date: _____

LABORATORY TASK ORDER (LTO) FORM (PAGE 2)

ADDITIONAL REQUIRED ANALYSES

LTO DATE: 6-Jun-07 **LTO NUMBER:** LTO-C6SWG060407Rev1

Consultant Name:	Tait Environmental Mgmt.	**Contract Laboratory:**	Test America
Address:	701 North Parkcenter Drive	Address:	17461 Derian Ave., Suite 100
	Santa Ana, CA 92705		Irvine, California 92614-5817
Contact Name:	Clara Boeru	**Lab Contact Name:**	Nick Marz
Phone Number:	(714) 560-8658	Phone Number:	(949) 261-1022
Fax Number:	(714) 560-8235	Fax Number:	(949) 260-3297
E-mail Address:	cboeru@tait.com	E-mail Address:	nmarz@testamericainc.com

SAMPLE CONTAINER ORDER FORM (CONTINUED)

Requested Analyses: **(Specify # of Samples)**

	Water	Soil	Vapor
List Method Name/Number Here			

Boeing Pre-Field Activities Checklist

This pre-field activities checklist has been prepared to facilitate compliance with work plans, protocols, permits, and procedures.

Boeing Project Name: BRC- Former C-6 Facility
Field Activity: June 2007 WDR & Quarterly Groundwater Monitoring Former Building 2
Date: 5/29/07
Field Work Start Date: 6/4/07

Contact Information:

Consultant/Contractor (Person & phone #)

Project Manager/Engineer	Clara Boeru 714-560-8658
Chief Field Engineer/Technician	Lester Widner 714-657-6386
Health & Safety Officer:	Tom Dixon 714-560-8684
Sampling Technician	Jorge Armendariz 714-719-6897
Other (Field Testing/Data Entry)	
Other (Sampling Tech)	

Boeing

Project Managers	Robert Scott 562-497-6176
	Joe Weidmann (H&A) 805-451-2320 (cell)
Technical Specialist	Ravi Subramanian (CDM) 949-752-5452
Facility Contact: South of Knox	Daniel Hess and Tony Mok (Sunrider)-notified by H&A
	Chi Chi Tsai 310-222-9170 (locked areas)
	Bob Williams –Sunrider onsite contractor 909-200-5690
South of Francisco	Robert Hsu (323) 321-2307 or (310) 323-8840
Permits/H&S Contact	Dennis Carlson (818) 535-7438
Waste Disposal Specialist	Scott Lattimore (562) 593-7156
Legal:	
Other:	

Subcontractors (as applicable)

No. 1	TestAmerica Services (949) 261-1022 (Lab Analysis)
No. 2	KM Industrial, Inc. (562) 983- 5191 (Waste Transport/Disposal)
	DemennoKerdoon: (310) 537-7100 (TSDF)
No. 3	Laboratory Data Consultants (760) 634- 0437 (Data Validation)
No. 4	

Work Plans

- ☐ Work Plan prepared for work? Yes
- ☐ Name of Work Plan & Date. Groundwater Monitoring Work Plan 2007, Former C-6 Facility , 19503 South Normandie Avenue, Los Angeles, California, February 5, 2007 (Agency Work Plan) and June 2007 WDR and Quarterly Groundwater Monitoring Work Plan, Former Building 2, Former C-6 Facility, BRC, Los Angeles, California, May 25, 2007 (Internal Sampling Plan
- ☐ Was Work Plan Submitted to a regulatory Agency for approval? Yes (Only the Agency Work Plan)
- ☐ Was approval received? Yes Date: March 7, 2007

- ❑ Is Work Plan latest version? Yes
- ❑ Type of Work to be performed? Groundwater sampling and monitoring per the Agency Work Plan, the WDR permit requirements, and the Internal Sampling Plan

Technical/Site-Specific

- ❑ Have work locations been marked? Yes
- ❑ Are there any obstacles to performing work? No
- ❑ If yes-method to clear obstacles?

Health & Safety

- ❑ Health & Safety Plan Submitted to Agency? Yes, during previous events
- ❑ Health & Safety Plan reviewed by Field Team? Yes
- ❑ Proper PPE on Site? Team carries their own
- ❑ Extra PPE for Visitors? NA
- ❑ Have OSHA Certificates and currency been confirmed for workers? Yes
- ❑ Any Excavations? No
  If yes, then have geotechnical calculations/considerations been completed? By whom?_____Third Party & Registered?_____
- ❑ Health & Safety Officer Tom Dixon
- ❑ Perform subcontractor equipment safety audit prior to work start (guards, safety switches, General equipment condition)
- ❑ Pre-Field Tailgate Meetings:
  Worker Safety--onsite
  Equipment Safety--onsite
- ❑ Vehicular Safety--onsite
- ❑ Daily Tailgate/Safety Briefings--onsite
- ❑ Safety Zones established and how maintained? Yes, Team uses cones to delineate the work area

Utilities (NA)

- ❑ Have utilities been researched?
- ❑ Are utility plans available?
- ❑ Have utility plans been reviewed for work conflicts?
- ❑ If yes, what plans _____
- ❑ Has site been field-checked for utilities?
- ❑ Has DigSafe/DigAlert been notified? Confirmation #: _____NA_____
- ❑ Has independent utility locator service been completed?
- ❑ Any overhead utility present that may interfere with work?
- ❑ If yes, can work be moved?
- ❑ Will hand-augering be conducted? To what depth? _____
- ❑ Is any utility lock-out/tag-out needed?
- ❑ Other

Legal

- ❑ Confirm with Boeing Project Manager that legal issues are in order to perform field work. No legal issue to prevent the field work

- ❑ Do Proposition 65 notifications need to be posted at the site? No

Access Agreements

- ❑ Confirm with Boeing Project Manager if access agreements are needed. Done
- ❑ Are special pre-work notifications required by the access agreements? Yes, Done by Haley and Aldrich and field team to notify tenant before entering the site/property
- ❑ Who is the on-Site contact & phone # for work to be performed? Lester Widner (714) 657-6386
- ❑ Are copies of access agreements needed on site? No
- ❑ Do special work conditions need to be maintained per the access agreement? No
- ❑ Are there special work hours per the access agreement? during normal business hours
- ❑ Are traffic plans or traffic control necessary for work? Use cones and caution tapes around the immediate work area
- ❑ Other

Notifications

- ❑ Has Boeing Project Manager been notified of the work start date/time? Yes
- ❑ Has Boeing Technical Specialist been notified of the work start date/time? Yes
- ❑ Has Boeing Permit Specialist been notified of the work start date/time? Yes
- ❑ Has Boeing Waste Disposal Specialist been notified of the work start date/time? Yes
- ❑ Is Regulatory Agency (ies) notification Required?
  - ❑ Lead Agency CRWQCB
  - ❑ Support Agency _____
  - ❑ Local Agency _____
  - ❑ Other: _____
- ❑ If yes-what advance notice is required? Yes one week prior to sampling
- ❑ Have they been notified? When CHECK WITH JOE
- ❑ Has laboratory been notified of incoming samples? Yes

Permits/Regulatory Agencies/Licenses

- ❑ Lead Regulatory Agency/Contact CRWQCB-LA – Ana Townsend
- ❑ Additional Regulatory Agencies:
  - ❑ Air Quality Agency
  - ❑ County Health Department
  - ❑ City Health Department
  - ❑ City Building Department
- ❑ Are permits required for work? Yes
  - ❑ Drilling Permit
  - ❑ WDR/Waste Discharge Permit Permit Order No. R4-2002-0030. February 4, 2003
  - ❑ Excavation Permit
  - ❑ Rule 1166 Mitigation Plan/Permit
  - ❑ Grading Permit
  - ❑ City Business License
  - ❑ Other

- ❑ **Has Boeing Permit Specialist reviewed and approved the permits for performing the work? (NA)**
- ❑ Are pre-work notifications required for permits? No
- ❑ If yes, which permits and how much advance notice _____
- ❑ Are there any conditions in the permit that could stop work? No
- ❑ If yes, what are the conditions? _____
- ❑ Do mitigation measures exist if these conditions occur?_____
- ❑ What licenses are required to do work?_None_____
- ❑ Have contractor licenses been verified _____

Waste Management

- ❑ Type(s) of waste to be generated. Purged Groundwater
- ❑ Anticipated Volume to be generated. 400 gallons
- ❑ How will each type of waste be stored?
  - Water Purged into drums, from which water will be transferred and stored in a tank within the SVE compound by the end of each sampling day.
  - Soil / PPE / Other
- ❑ Has Boeing Waste Specialist been notified? Yes Who? Scott Lattimore and Dennis Carlson
- ❑ Have proper containers been coordinated through Boeing Waste Specialist? Yes
- ❑ If not-why? _____
- ❑ Have proper waste container labels and labeling procedures been obtained from the Boeing Waste Specialist? Field team to provide labels in accordance with the standard waste handling protocol applicable to the site.
- ❑ How will waste be profiled? Non-haz pending lab data
- ❑ Any special waste handling/disposal needs? Yes (All purge water will be stored in onsite storage tank in the SVE compound at Former Building 1/36 area. All empty drums need to be stored in SVE compound during sampling and moved offsite after sampling). Waste water will be disposed of by KM industrial using previously established waste profile.

Portal/EDMS

- ❑ Have Sample/Object Numbers/Names been obtained from CH2Mhill? N/A Sample ID in accordance with DMP based on Object IDs from the portal. Notified CH2Mhill for sampling Schedule
- ❑ Other

Schedule

- ❑ Scheduled start date of field work 6/4/07
- ❑ Expected duration of field work 4-5 working days
- ❑ Contingency plan if work goes longer Field team is available to complete

Financial

- ❑ Has Boeing approved work order for work? Yes, under a general contract
- ❑ Is there a potential for scope/cost changes? No
- ❑ If yes-is change-order process established with Boeing Project Manager?

Person Filling out Checklist: **Clara Boeru**

Tait Environmental Management, Inc.

DAILY FIELD REPORT

Project Name: BOEING C-6	**Project #:** EM-2777-01	**Date:** 6/8/07
Personnel: LW, JA	**Sub Contractors:** NONE	

Task: GW PURGING AND SAMPLING

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

Equipment List:

- ☒ ~~Solinst~~ HORIBA Water Level Meter Serial #: TAT #01
- ☐ Solinst Water/Product Level Interface Meter Serial #: _____
- ☒ Horiba U-22 Water Quality Meter Serial #: TATI #01
- ☐ PID/FID Type: _____ Serial #: _____
- ☐ Submbersible Pump Type: _____ Serial #: _____
- ☐ Generator Type: _____ Serial #: _____
- ☒ Company Truck License #: _____
- ☐ 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.)

6:00 GEORGE ARRIVED EARLY CALIBRATED EQUIPMENT
START ON WELLS.
7:00 P/U ICE AND GAS
7:30 TAILGATE MEETING - PAPERWORK AND LABELS

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

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Daily Tailgate Health & Safety Meeting
Agreement and Acknowledgement Sheet

Project Name: BOEING C-6	**Project #:** EM-2727-01
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 6/8/07	**Time:** 730
Name Of Person Giving Tailgate **Print Name:** Lester Widner **Signature:**	**Affiliation:** NONE
Site-Specific Health & Safety Meeting Topics: TRAFFIC	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
6/8/07	Lester Widner	Tait	
6/8/07	Jorge Armendariz	Tait	

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Daily Tailgate Health & Safety Meeting
Agreement and Acknowledgement Sheet

Project Name: BOEING C-6	**Project #:** EM-2727-01
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 6/6/07	**Time:** 600
Name Of Person Giving Tailgate **Print Name:** LESTER WIDNER **Signature:**	**Affiliation:**
Site-Specific Health & Safety Meeting Topics: TRAFFIC	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

Physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
6/6/07	LESTER WIDNER	TAIT	
6/6/07	JORGE ARMENDARIZ	TAIT	

Tait Environmental Management, Inc.
Engineering > Environmental > Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: BOEING C-6	**Project #:** EM-2727-01
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 6/7/07	**Time:** 6:00
Name Of Person Giving Tailgate **Print Name:** LESTER WIDNER **Signature:** Lester Widner	**Affiliation:** NONE
Site-Specific Health & Safety Meeting Topics: TRAFFIC	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

hysician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and rage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
6/7/07	LESTER WIDNER	Lester Widner	TAIT
6/7/07	JORGE ARMENDARIZ	Jorge Armendariz	TAIT

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: Boeing C-6	**Project #:** EM-2727
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 6/5/07	**Time:** 6:00
Name Of Person Giving Tailgate **Print Name:** Lester Widner **Signature:** [signature]	**Affiliation:** None
Site-Specific Health & Safety Meeting Topics: Traffic.	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

Physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
6/5/07	Lester Widner	TAT	[signature]
6/5/07	Jorge Armendariz	TAT	[signature]

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: BOEING C-6	**Project #:** EM-2727-01
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 6/4/07	**Time:** 600
Name Of Person Giving Tailgate **Print Name:** LESTER WIDNER **Signature:**	**Affiliation:**
Site-Specific Health & Safety Meeting Topics: TRAFFIC	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
6/4/07	LESTER WIDNER	TAIT	
6/4/07	JORGE ALMENDARIZ	TAIT	

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Tait Environmental Management, Inc.

DAILY SAFETY MEETING

Project Name: Boeing C-6 **Date:** ~~6/20/~~ 6/1/07

Project Number: EN 2727 **Presented by:** L. Winner

Check the Topics/Information Reviewed:

- [x] Safety is everyone's responsibility
- [x] Accidents can be costly
- [x] No horseplay
- [x] Site health and safety plan reviewed
- [x] Review emergency protocol
- [x] Directions to hospital
- [x] Employee Right-To-Know/MSDS location
- [x] First aid, safety, and PPE location
- [x] Safety glasses, hard hat, safety boots
- [x] Fire extinguisher locations
- [x] Daily work scope reviewed
- [x] Strains and sprains
- [x] Slips, trips, and falls
- [x] Eye wash station locations
- [x] Electrical ground fault
- [x] Vehicle safety and driving/road conditions
- [ ] Public safety and fences
- [x] Heat and cold stress
- [ ] Equipment and machinery familiarization
- [ ] Excavator swing and loading
- [ ] Decontamination steps
- [ ] Portable tool safety and awareness
- [ ] Orderly site and housekeeping
- [ ] Smoking in designated areas
- [ ] Parking and lay down area
- [ ] Leather gloves for protection
- [ ] Vehicle backing up hazards
- [ ] Sharp object, rebar, and scrap metal hazards
- [ ] Effects of the night before?
- [ ] Weather conditions (rain/snow)
- [ ] Latex gloves inner/nitrile gloves outer
- [ ] Vibration related injuries
- [ ] Open pits, excavations, and trenching hazards
- [ ] Noise hazards
- [ ] Dust and vapor control
- [ ] Excavation/trenching inspections/documentation
- [ ] Confined space entry
- [ ] Refueling procedures
- [ ] Full face respirators with proper cartridges
- [ ] Hot work permits
- [ ] Flying debris hazards
- [ ] Overhead utility locations cleared.
- [ ] Poison ivy / oak / sumac
- [ ] Upgrade to Level C at: PID (___ eV) >___ ppmv
- [ ] Work stoppage at: PID (___ eV) >___ ppmv, % LEL > 10%
- [ ] All underground utilities cleared?
- [ ] Flex-N-Stretch performed
- [ ] Anticipated visitors

Other Discussion Items/Comments/Follow-up Actions:

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

NAME	SIGNATURE	COMPANY
Leslie Winner	[illegible]	TAIT
Jorge Almendarez	[illegible]	TAIT

Instructions:

- Conduct a daily safety meeting prior to beginning each day's site activities
- Complete form, obtain signatures, and file with the Daily Summary

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting
Agreement and Acknowledgement Sheet

Project Name: BOEING BLDG 10	**Project #:** EM-2702-08
Site/Area Location/Well ID: BLDG 10	
Date(s) Work Performed: 6/7/07	**Time:** 1600
Name Of Person Giving Tailgate **Print Name:** LESTER WIENER **Signature:** Lester Wiener	**Affiliation:** ICS
Site-Specific Health & Safety Meeting Topics: NO LOUD NOISE. TRAFFIC	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

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Date	Name	Company Name	Signature
6/7/07	Lester Wiener	TAI	[illegible]
6/07/07	STEVE NYMAN	ICS	[illegible]
6/07/07	Jaime Garcia	ICS	[illegible]
6/07/07	SAL VICTORIA	ICS	[illegible]
6/7/07	Narcisa Boem	TEM	[illegible]
6-7-07	Jorge Hernandez	TEM	[illegible]

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Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting
Agreement and Acknowledgement Sheet

Project Name: BOEING BLDG 10	**Project #:** EM-2702-08
Site/Area Location/Well ID: BLDG 10	
Date(s) Work Performed: 6/8/07	**Time:** 1600
Name Of Person Giving Tailgate **Print Name:** LESTER WIDNER **Signature:** [signature]	**Affiliation:**
Site-Specific Health & Safety Meeting Topics: NOISE, HOT ASPHALT	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

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Date	Name	Company Name	Signature
6/8/07	Lester Widner	TAIT	[signature]
6/8/07	Steve Nyman	ICS	[signature]
6-8-07	Joe Trujillo	ICS	[signature]
6-8-07	David Reagan	ASAP paving	[signature]
6-8-07	Anastacio Anzo	ASAP paving	[signature]
6-8-07	Eleno Torres	A.S.A paving	[signature]
6-8-07	Rodolfo Sanchez	ASAPAVIN	[signature]
6-8-07	Pedro Arroyo	ASAPaving	

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY RECORD

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? (yes) No

Enforcement Action? Yes No

Client Name/Account #: Tait Environmental Management

Address: 701 North Parkcenter Drive

City/State/Zip: Santa Ana, CA 92705

Project Manager: Clara Boeru

Telephone Number: (714) 560-8658 **Fax No.:** (714) 560-8235

Sampler Name: (Print) Jorge Armendariz/Lester Widner

Sampler Signature: [signature]

Report To: Clara Boeru

Invoice To: Clara Boeru

COC #: TEM6042007LW

Project ID: C6 - Building 2

Project #: EM2727

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: 8260B	TOC (9060 or 415.1)	Total Sulfides	DHG (RSK-175)	Sulfate	qPCR (North Wind)	Rdase Genes (North Wind)					RUSH TAT (Pre-Schedule)	TAT (5 day)	Fax Results	Send QC with report
IRZMW001A_WG060407_0001	6/4/07	0939	8	X			X								X						X	X	X	X	X								X		X
IRZMW003A_WG060407_0001	6/4/07	1110	8	X			X								X						X	X	X	X	X								X		X
IRZMW002A_WG060407_0001	6/4/07	1304	10	X			X								X						X	X	X	X	X	X	X						X		X
IRZCMW003_WG060407_0001	6/4/07		8	X			X								X						X	X	X	X	X								X		X
[redacted]																																	X		X
TB_TAIT060407_0001	6/4/07	N/A	2	X			X								X						X												X		X
RB_TAIT060407_0001	6/4/07	09:45	3	X			X								X						X												X		X

Special Instructions:
Send qPCR and Rdase Genes to North Wind

RB = Rinseate blank (or equipment blank)

Method of Shipment:

Laboratory Comments:
Temperature Upon Receipt: 5.8/5.4 °C
VOCs Free of Headspace? (Y) N

Relinquished by:	Date	Time	Received by:	Date	Time
Jorge Armendariz	6-4-07	5:05	[signature]	6/4/07	1705
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

BOE-C6-0054078

CHAIN OF CUSTODY RECORD

TestAmerica
ANALYTICAL TESTING CORPORATION

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? (yes) No

Enforcement Action? Yes No

Client Name/Account #: Tait Environmental Management

Address: 701 North Parkcenter Drive

City/State/Zip: Santa Ana, CA 92705

Project Manager: Clara Boeru

Telephone Number: (714) 560-8658 **Fax No.:** (714) 560-8235

Sampler Name: (Print) Jorge Armendariz/Lester Widner

Sampler Signature: Jorge Armendariz

Report To: Clara Boeru

Invoice To: Clara Boeru

COC #: TEM6052007LW

Project ID: C6 - Building 2

Project #: EM2727

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: 8260B	Analyze For: TOC (9060 or 415.1)	Analyze For: Total Sulfides	Analyze For: DHG (RSK-175)	Analyze For: Sulfate	Analyze For: qPCR (North Wind)	Analyze For: Rdase Genes (North Wind)					RUSH TAT (Pre-Schedule)	TAT (5 day)	Fax Results	Send QC with report
IRZMW004_WG060507_0001	6/5/07	1036	8	X			X								X						X	X	X	X	X								X		X
IWC002_WG060507_0001	6/5/07	1020	4	X			X								X						X	X											X		X
[redacted]																																			
IWC001_WG060507_0001	6/5/07	1223	4	X			X								X						X	X											X		X
IRZCMW001_WG060507_0001	6/5/07	1310	[illegible]	X			X								X						X	X	X	X	X	X	X						X		X
IRZCMW100_WG060507_0001	6/5/07	1330	3	X			X								X						X												X		X
TB_TAIT060507_0001	6/5/07	N/A	2	X			X								X						X												X		X
RB_TAIT060507_0001	6/5/07	0830	3	X			X								X						X												X		X
EWC002-WG060507-0001	6/5/07	0816	4	X			X								X						X	X													

Special Instructions:
Send qPCR and Rdase Genes to North Wind

RB = Rinseate blank (or equipment blank)
FB = Duplicate Sample

Method of Shipment:

Relinquished by:	Date	Time	Received by:	Date	Time
Jorge Armendariz	6-5-07	1415		6/5/07	1415
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

Laboratory Comments:
Temperature Upon Receipt: 7°C
VOCs Free of Headspace? (Y) N

BOE-C6-0054079

CHAIN OF CU DY RECORD

TestAmerica
ANALYTICAL TESTING CORPORATION

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? (yes) No

Enforcement Action? Yes No

Client Name/Account #: Tait Environmental Management

Address: 701 North Parkcenter Drive

City/State/Zip: Santa Ana, CA 92705

Project Manager: Clara Boeru

Telephone Number: (714) 560-8658 **Fax No.:** (714) 560-8235

Sampler Name: (Print) Jorge Armendariz/Lester Widner

Sampler Signature: J. Armendariz

Report To: Clara Boeru

Invoice To: Clara Boeru

COC #: TEM6062007LW

Project ID: C6 - Building 2

Project #: EM2727

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: 8260B	Analyze For: TOC (9060 or 415.1)	Analyze For: Total Sulfides	Analyze For: DHG (RSK-175)	Analyze For: Sulfate	Analyze For: qPCR (North Wind)	Analyze For: Rdase Genes (North Wind)					RUSH TAT (Pre-Schedule)	TAT (5 day)	Fax Results	Send QC with report
IRZMW001B_WG060607_0001	6/6/07	0745	10	X			X								X						X	X	X	X	X	X	X						X		X
IRZMW005_WG060607_0001	6/6/07	0922	08	X			X								X						X	X	X	X	X								X		X
CMW002_WG060607_0001	6/6/07	1054	08	X			X								X						X	X	X	X	X								X		X
IRZMW003B_WG060607_0001	6/6/07	1231	10	X			X								X						X	X	X	X	X	X	X						X		X
~~CMW026_WG060607_0001~~	~~6/6/07~~		~~10~~	~~X~~			~~X~~								~~X~~						~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~						~~X~~		~~X~~
TB_TAIT060607_0001	6/6/07	N/A	2	X			X								X						X												X		X
RB_TAIT060607_0001	6/6/07	0825	3	X			X								X						X												X		X
FB-TAIT060607-0001	6/6/07	08:00	3	X			X								X						X												X		X

Special Instructions:
Send qPCR and Rdase Genes to North Wind

RB = Rinseate blank (or equipment blank)

Method of Shipment:

Laboratory Comments:
Temperature Upon Receipt: 5.6°C
VOCs Free of Headspace? (Y) N

Relinquished by:	Date	Time	Received by:	Date	Time
Jorge Armendariz	6-6-07	1425		6/6/07	1425
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

BOE-C6-0054080

CHAIN OF CU[illegible]DY RECORD

TestAmerica
ANALYTICAL TESTING CORPORATION

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? (yes) No

Enforcement Action? Yes No

Client Name/Account #: Tait Environmental Management

Address: 701 North Parkcenter Drive

City/State/Zip: Santa Ana, CA 92705

Project Manager: Clara Boeru

Telephone Number: (714) 560-8658 **Fax No.:** (714) 560-8235

Sampler Name: (Print) Jorge Armendariz/Lester Widner

Sampler Signature: [signature]

Report To: Clara Boeru

Invoice To: Clara Boeru

COC #: TEM6072007LW

Project ID: C6 - Building 2

Project #: EM2727

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: 8260B	Analyze For: TOC (9060 or 415.1)	Analyze For: Total Sulfides	Analyze For: DHG (RSK-175)	Analyze For: Sulfate	Analyze For: qPCR (North Wind)	Analyze For: Rdase Genes (North Wind)					RUSH TAT (Pre-Schedule)	TAT (5 day)	Fax Results	Send QC with report
IRZMW002B_WG060707_0001	6/7/07	1003	8	X			X								X						X	X	X	X	X								X		X
IRZB0095_WG060707_0001	6/7/07	1325	10	X			X								X						X	X	X	X	X	X	X						X		X
IRZB0081_WG060707_0001	6/7/07	1450	10	X			X								X						X	X	X	X	X	X	X						X		X
IRZCMW002_WG060707_0001	6/7/07	1157	10	X			X								X						X	X	X	X	X	X	X						X		X
[redacted]	[redacted]		[redacted]	[redacted]			[redacted]								[redacted]						X	X	X	X	X								X		X
TB_TAIT060707_0001	6/7/07	N/A	2	X			X								X						X												X		X
RB_TAIT060707_0001	6/7/07	0830	3	X			X								X						X												X		X
CMW026_WG060707_0001	6/7/07	0738	10	X			X								X						X	X	X	X	X	X	X								

Special Instructions:
Send qPCR and Rdase Genes to North Wind

RB = Rinseate blank (or equipment blank)

Method of Shipment:

Laboratory Comments:
Temperature Upon Receipt:
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
Jorge Armendariz	6-7-07	1555	[signature]	6/7/7	1600
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time

BOE-C6-0054081

CHAIN OF CUSTODY RECORD

TestAmerica
ANALYTICAL TESTING CORPORATION

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? (yes) No

Enforcement Action? Yes No

Client Name/Account #: Tait Environmental Management

Address: 701 North Parkcenter Drive

City/State/Zip: Santa Ana, CA 92705

Project Manager: Clara Boeru

Telephone Number: (714) 560-8658 **Fax No.:** (714) 560-8235

Sampler Name: (Print) Jorge Armendariz/Lester Widner

Sampler Signature: Lester Widner

Report To: Clara Boeru

Invoice To: Clara Boeru

COC #: TEM6072007LW

Project ID: C6 - Building 2

Project #: EM2727

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: 8260B	Analyze For: TOC (9060 or 415.1)	Analyze For: Total Sulfides	Analyze For: DHG (RSK-175)	Analyze For: Sulfate	Analyze For: qPCR (North Wind)	Analyze For: Rdase Genes (North Wind)					RUSH TAT (Pre-Schedule)	TAT (5 day)	Fax Results	Send QC with report
MWC024_WG060507_0001	6/8/07	0749	4	X			X								X						X	X											X		X
CMW001_WG060707_0001	6/8/07	1006	8	X			X								X						X	X	X	X	X								X		X
TB_TAIT060707_0001	6/8/07	N/A	3	X			X								X						X												X		X
RB_TAIT060707_0001	6/8/07	0820	3	X			X								X						X												X		X

Special Instructions:

RB = Rinseate blank (or equipment blank)

Method of Shipment:

Laboratory Comments:

Temperature Upon Receipt:

Sample Containers Intact? Y N

VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6/8/07	1445			
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**
			[signature]	6/08/07	1445

BOE-C6-0054082

June 2007 Quarterly and WDR Monitoring Program

Former C-6 Facility

Los Angeles, California

	Well ID	Date	Time	Ferrous Iron (mg/L) (Field Measurement)	Hydrogen Sulfide (mg/L) (Field Measurement)	Dissolved Oxygen (Field Measurement)	Recorded By	Equipment Type	Comments
1	IRZMW001A_WG060407_0001	6/4/07	950	0.44 mg/L	0.318 mg/L	N/A	LW	Hach DR/890	
2	IRZMW003A_WG060407_0001	6/4/07	1120	1.92 mg/L	0.848 mg/L	N/A	LW	Hach DR/890	
3	IRZMW002A_WG060407_0001	6/4/07	1315	0.11 mg/L	0.0954 mg/L	N/A	LW	Hach DR/890	
4	IRZCMW003_WG060407_0001	6/4/07	1545	0.00 mg/L	0.0742 mg/L	N/A	LW	Hach DR/890	
5	EWC002_WG060507_0001	6/5/07	0908	0.11 mg/L	0.000 mg/L	N/A	LW	Hach DR/890	
6	IRZMW004_WG060507_0001	6/5/07	11:00	0.12 mg/L	0.0636 mg/L	N/A	LW	Hach DR/890	
7	IWC002_WG060507_0001	6/5/07	1120	0.00 mg/L	0.00 mg/L	N/A	LW	Hach DR/890	
8	MWC024_WG060507_0001	6/8/07	0800	0.01 mg/L	0.0106 mg/L	N/A	LW	Hach DR/890	
9	IWC001_WG060507_0001	6/5/07	1340	0.02 mg/L	0.000 mg/L	N/A	LW	Hach DR/890	
10	IRZCMW001_WG060507_0001	6/5/07	1350	0.00 mg/L	0.0954 mg/L	N/A	LW	Hach DR/890	
11	IRZMW001B_WG060607_0001	6/6/07	0805	0.00 mg/L	0.053 mg/L	N/A	LW	Hach DR/890	
12	IRZMW005_WG060607_0001	6/6/07	1710	0.02 mg/L	0.106 mg/L	N/A	LW	Hach DR/890	
13	CMW002_WG060607_0001	6/6/07	1725	0.01 mg/L	0.0166 mg/L	N/A	LW	Hach DR/890	
14	IRZMW003B_WG060607_0001	6/6/07	1745	0.10 mg/L	0.9540 mg/L	N/A	LW	Hach DR/890	
15	CMW026_WG060607_0001	6/7/07	840	1.80 mg/L	0.0636 mg/L	N/A	LW	Hach DR/890	
16	IRZMW002B_WG060707_0001	6/7/07	1030	0.08 mg/L	0.1166 mg/L	~1 mg/L	LW	Hach DR/890	
17	IRZB0095_WG060707_0001 6/7	~~1315~~	1345	1.36 mg/L	0.848 mg/L	N/A	LW	Hach DR/891	
18	IRZB0081_WG060707_0001	6/7	1500	1.69 mg/L	0.848 mg/L	3.5 mg/L	LW	Hach DR/892	
19	IRZCMW002_WG060707_0001	6/7	1520	2.40 mg/L	0.0636 mg/L	N/A	LW	Hach DR/893	
20	CMW001_WG060707_0001	6/8	1100	0.13 mg/L	0.0106 mg/L	N/A	LW	Hach DR/890	

BOE-C6-0054083

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: FORMER C-6 FACILITY, TORRANCE	**Date:** 6-8-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: CMW-001	**Weather:** SUNNY/WARM
Measurement Point Description: TOC, N	**Pump Intake:** 110 — **Screen:** 99-124

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	TUBE ~~Above~~ Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.0	124.26	61.26	---	N/A	N/A	N/A	4.0	N/A	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0933	INITIAL PURGE	5.0	.5	63.25	7.91	22.1	2.0	.10	3.23	22	CLEAR/NO ODOR
0944	1.0	7.5	.5	63.25	8.10	23.2	1.5	82.5 M/cm	2.98	10	CLEAR/NO ODOR
0955	2.0	10.0	.5	63.25	8.08	23.2	1.5	81.1 M/cm	3.13	-64	CLEAR/NO ODOR
1005	3.0	12.5	.5	63.25	8.08	23.2	2.1	81.8 M/cm	3.85	-60	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total ~~Gallons~~ L Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0923	1005	.5	13L)	TOTAL VOLUME	75.25	63.25	1006	CMW-001-W6060807-0001

Notes: * INITIAL WATER COLOR: CLEAR

PURGED WELL WATER INTO COMPOUND TANK.

FERROUS IRON: ~~0.00~~ 0.13 mg/L

HYDROGEN SULFIDE: 0.0106 mg/L

Drum No. :

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: FORMER C-6 FACILITY TORRANCE	**Date:** 6-8-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: MWC 024	**Weather:** SUNNY / COOL
Measurement Point Description: TOC, N	**Pump Intake:** 100
	Screen: 96-121

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	60.00	123.75	63.75	—	—	—	—	23.4	16.25	8.13

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: 2" GRUNDFOS W/ DEDICATED TUBING

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0712	ABOVE	23.5	1.6	60.36	6.90	22.1	0.8	0.21	9.10	79	CLEAR/ NO ODOR
0718	0.5	31.7	1.6	60.40	6.92	22.3	1.1	0.21	8.41	80	CLEAR/ NO ODOR
0724	1.0	39.9	1.6	60.40	6.91	22.3	1.5	0.21	8.19	75	CLEAR/ NO ODOR
0730	1.5	48.1	1.6	60.43	6.91	22.3	1.2	0.20	8.00	88	CLEAR/ NO ODOR
0736	2.0	56.3	1.6	60.47	6.91	22.3	1.3	0.20	8.01	71	CLEAR/ NO ODOR
0742	2.5	64.5	1.6	60.48	6.91	22.3	1.5	0.20	8.00	70	CLEAR/ NO ODOR
0748	3.0	72.7	1.6	60.50	6.91	22.3	1.8	0.20	8.01	70	CLEAR/ NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0657	0748	1.6	73.0	ABOVE: 23.5 SCREEN: 3.0	72.75	60.50	0749	MWC024-WG-060807-0001

Notes: INITIAL WATER COLOR: CLOUDY

FERROUS IRON: 0.01 mg/L

HYDROGEN SULFIDE 0.0106 mg/L

* PURGED WELL WATER INTO COMPOSITE TANK.

ft-bmp = feet below measuring point

BOE-C6-0054085

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: FORMER C-6 FACILITY TORRANCE	**Date:** 06/07/07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: 1RZMW002B	**Weather:** SUNNY/COOL
Measurement Point Description: TOC/N	**Pump Intake:** 85 — **Screen:** 83-93

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	~~Screen~~ TUBE Volume (Screen length x D) L.	½ screen Volume
---	64.66	89.98	25.32	---	N/A	N/A	N/A	N/A	3.2	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0919	INITIAL WATER L.	4.2	.21	64.90	6.14	20.9	151	.18	1.15	40	CLOUDY
0924	1.5	5.7	.30	64.92	6.21	21.3	113	.18	1.08	36	CLOUDY
0929	1.5	7.2	.30	64.94	6.21	21.3	66	.19	1.12	32	CLEAR
* 0947	1.5	8.7	.30	64.89	6.22	21.4	99	.18	1.22	27	CLEAR
0952	1.5	10.2	.30	64.90	6.30	21.2	60	.19	1.09	30	CLEAR
0957	1.5	11.7	.30	64.92	6.33	21.2	54	.18	1.20	33	CLEAR
1002	1.5	13.2	.30	64.92	6.33	21.2	51	.18	1.29	33	CLEAR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0859	0949	.30	13.5	TUBING VOL.	69.72	64.92	1003	1RZMW002B_WG060707_0001

Notes: * INITIAL WATER COLDA: CLEAR
* 0929 PUMP FAILURE.

FERROUS IRON: 0.08 mg/L
HYDROGEN SULFIDE: 0.1166 mg/L
D.O. TEST: ~1 mg/L

* PURGED WATER IN TO COMPOUND TANK.

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Former C-6 Terrace	**Date:** 06-07-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IR2CMW002	**Weather:** Sunny
Measurement Point Description: TOC, N	**Pump Intake:** 108.5 **Screen:** 96-121

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	TUBING ~~Above Screen~~ Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	64.44 64.44 64.44	121.40	56.96	---	N/A	N/A	N/A	40 L.	N/A	N/A

Well Diameter (in)	Gallons/Foot 0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. monsoon

Well Condition: GOOD

Time	Casing/ Screen INITIAL PURGED	Volume Purged L ~~(gallons)~~	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1141		5.0	0.5	64.50	6.89	20.8	58.2	0.220	0.0	-99	CLEAR/NO ODOR
1146	1.0	7.5	0.5	64.54	6.90	21.1	52.2	0.219	0.0	-112	CLEAR/NO ODOR
1151	2.0	10.0	0.5	64.55	6.90	21.1	52.1	0.219	0.0	-113	CLEAR/NO ODOR
1156	3.0	12.5	0.5	64.55	6.90	21.1	52.2	0.220	0.0	-113	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1132	1156	0.5	13L.	N/A	N/A	64.55	1157	IR2CMW002_WG060707_0001

Notes: * INITIAL WATER COLOR: CLEAR

FERROUS IRON: 2.40 mg/L
HYDROGEN SULFIDE: 0.0636 mg/L

* PURGED WATER IN TO COMPOUND TANK

ft-bmp = feet below measuring point

BOE-C6-0054087

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY		**Date:** 6/7/07	
Project No.: EM 2727-01		**Prepared By:** CW	
Well Identification: IRZB0081		**Weather:** SUNNY ~ 75°F	
Measurement Point Description: TOC (N)		**Pump Intake:** ~75'	**Screen:** 64.5'-82.5'

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	① 61.82 ② 61.82 ③ 61.82	86.53	24.62	---	0.5	1.5	0.25	N/A	N/A	N/A

Well Diameter (in)	Gallons/Foot			
	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: WATTERA PUMP

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (m/s)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1415	0.5	0.25	0.05	*	6.46	23.1	861	0.25	4.26	-116	BLACK / BAD ODOR
1420	1.0	0.50	0.05		6.44	23.2	860	0.25	4.11	-109	BLACK / BAD ODOR
1425	1.5	0.75	0.05		6.40	23.6	863	0.24	3.61	-108	BLACK / BAD ODOR
1430	2.0	1.00	0.05		6.41	23.6	865	0.24	3.60	-106	BLACK / BAD ODOR
1435	2.5	1.25	0.05		6.42	23.6	865	0.24	3.55	-105	BLACK / BAD ODOR
1440	3.0	1.30	0.05		6.42	23.6	863	0.24	3.55	-105	BLACK / BAD ODOR
						23.6					

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1410	1440	0.05	1.6	3	NA	NA	1450	IRZB0081-WG060707-0001

Notes: * COULDN'T TAKE DTW : TOO SMALL CASING

FERROUS IRON: 1.69 mg/L
HYDROGEN SULFIDE 0.848 mg/L
D.O. ~ 3.5 mg/L

ft-bmp = feet below measuring point

BOE-C6-0054088

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY	**Date:** 6/7/07		
Project No.: EM 2727-01	**Prepared By:** LW		
Well Identification: IRZB0095	**Weather:** SUNNY ~ 75°F		
Measurement Point Description: TOC (N)	**Pump Intake:** ~85'F	**Screen:** 65'-90'	

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
	0 61.70									
---	2 61.70 3 61.70	89.96	28.17	---	0.6	1.8	0.3	N/A	N/A	N/A

Well Diameter (in)	Gallons/Foot			
	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: WATERA PUMP

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1250	0.5	0.3	0.05	*	7.10	21.9	820	0.22	6.10	-110	BLACK COLOR / BAD ODOR
1255	1.0	0.6	0.05		6.91	22.8	830	0.22	4.21	-98	BLACK COLOR / BAD ODOR
1300	1.5	0.9	0.05		6.90	22.7	830	0.22	3.11	-83	BLACK COLOR / BAD ODOR
1305	2.0	1.2	0.05		6.88	22.7	830	0.22	2.62	-84	BLACK COLOR / BAD ODOR
1310	2.5	1.5	0.05		6.88	22.7	830	0.22	2.50	-85	BLACK COLOR / BAD ODOR
1315	3.0	1.8	0.05		6.88	22.7	830	0.22	2.45	-85	BLACK COLOR / BAD ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1245	1315	0.05	1.8 GAL	3.0	N/A	N/A	1325	IRZB0095-WG060707-0001

Notes: * COULDN'T TAKE DTW WHILE PURGING. WELL SIZE TO SMALL

FERROUS IRON: 1.36 mg/L
HYDROGEN SULFIDE: 0.848 mg/L

ft-bmp = feet below measuring point

BOE-C6-0054089

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: FORMER C-6 FACILITY, TORRANCE	**Date:** 6-7-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: CMW 026	**Weather:** SUNNY/ COOL
Measurement Point Description: TOC, N	**Pump Intake:** 100 **Screen:** 92-117

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	~~Screen~~ TOTAL Volume (Screen length x D)	½ screen Volume
---	59.70	118.20	58.5 ~~57.79~~	---	N/A	N/A	N/A	N/A	4.2	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.66	1.47

Field Equipment: ~~Solinst, Horiba~~

Purge Method: S.C. MONSOON

Well Condition: GOOD

Time	Casing/ Screen INITIAL PURGED LITERS	Volume Purged L ~~(gallons)~~	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0707		5.2	.5	59.82	6.40	20.0	39.0	0.21	3.40	-34	CLEAR/ NO ODOR
0717	1.0	7.7	.5	59.83	6.58	20.8	43.0	0.22	2.65	-56	CLEAR/ NO ODOR
0727	2.0	10.2	.5	59.84	6.60	20.8	54.0	0.22	2.12	-67	CLEAR/ NO ODOR
0737	3.0	12.7	.5	59.84	6.60	20.8	54.7	0.22	2.03	-68	CLEAR/ NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total ~~Gallons~~ L Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0657	0737	.5	13	N/A	N/A	59.84	0738	CMW026-W060707-0001

Notes: * INITIAL WATER COLOR: CLEAR

FERROUS IRON: 1-80 mg/L

HYDROGEN SULFIDE: 0.0636 mg/L

* PURGED WATER IN TO COMPOUND TANK.

ft-bmp = feet below measuring point

BOE-C6-0054090

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: FORMER C-6 FACILITY, TORRANCE	**Date:** ~~3-28~~ 6-06-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IRZMW003B	**Weather:** SUNNY/WARM
Measurement Point Description: TOC, N	**Pump Intake:** 85 / **Screen:** 80-90

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	~~Screen~~ TUBING Volume (Screen length x D)	½ screen Volume
---	64.59	92.95	28.36	---	N/A	N/A	N/A	N/A	3.2	N/A

Well Diameter (in)	Gallons/Foot 0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: ~~Solinst, Horiba~~

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1205	INITIAL PURGE WATER	4.2	0.21	64.62	6.0	23.0	45.0	0.17	17.2	12	CLEAR/NO ODOR
1210	1.5	5.7	0.3	64.62	6.2	23.0	32.0	0.17	17.5	20	CLEAR/NO ODOR
1215	1.5	7.2	0.3	64.63	6.3	22.5	29.0	0.17	15.4	40	CLEAR/NO ODOR
1220	1.5	8.7	0.3	64.65	6.3	22.5	29.0	0.17	14.3	32	CLEAR/NO ODOR
1225	1.5	10.2	0.3	64.65	6.4	22.5	24.0	0.17	14.4	36	CLEAR/NO ODOR
1230	1.5	11.7	0.3	64.66	6.4	22.6	25.0	0.17	14.0	30	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1145	1230	0.3	13	TUBING VOLUME	70.26	64.66	1231	IRZMW003BWG060607-0001

Notes: * INITIAL WATER COLOR: CLOUDY

* PURGED WATER INTO COMPOUND TANK.

FERROUS IRON: 0.10 mg/L

HYDROGEN SULFIDE: 0.954 mg/L

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 TORRANCE	**Date:** 6-06-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: ~~[illegible]~~ CMW-002	**Weather:** SUNNY/WARM
Measurement Point Description: TOC,N	**Pump Intake:** 110' / **Screen:** 99-124

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	TUBE ~~Above Screen~~ Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	61.41	124.05	62.64	---	N/A	N/A	N/A	4.0 L ~~[illegible]~~	N/A	N/A

Well Diameter (in)	Gallons/Foot 0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (~~gallons~~)	Flow Rate (~~gpm~~)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1038	INITIAL PURGE	5.0	.50	61.50	6.60	23.5	17.4	80.0	4.6	61	CLEAR / NO ODOR
1043	1.0	7.5	.50	61.50	6.60	23.0	16.2	80.3	4.4	64	CLEAR/NO ODOR
1048	2.0	10.0	.50	61.51	6.65	23.1	15.1	80.3	3.9	64	CLEAR/NO ODOR
1053	3.0	12.5	.50	61.52	6.65	23.1	15.4	80.3	3.8	62	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (~~gpm~~)	Total L. ~~Gallons Purged~~	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1033	1053	.50	13.0	N/A	N/A	61.52	1054	CMW002_WG060607_0001

Notes: * INITIAL WATER COLOR: CLEAR

FERROUS IRON: 0.01 mg/L

HYDROGEN SULFIDE: 0.1166 mg/L

* PURGED WATER INTO COMPOUND TANK

ft-bmp = feet below measuring point

BOE-C6-0054092

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: FORMER C-6 FACILITY, TORRANCE	**Date:** 6-6-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IRZMW005	**Weather:** SUNNY / WARM
Measurement Point Description: TOC, N	**Pump Intake:** 78 — **Screen:** 65-90

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	TUBE LITERS ~~Screen Volume~~ (Screen length x D)	½ screen Volume
---	60.82	88.35	27.53	---	N/A	N/A	N/A	N/A	2.8	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0906	INITIAL PURGE	3.8	0.50	60.91	6.70	25.4	5	0.20	8.5	99	BLACK
0911	1.0	6.3	0.50	60.91	6.73	25.3	3	0.20	8.4	100	GREY
0916	2.0	8.8	0.50	60.92	6.73	25.3	-10	0.20	8.0	101	GREY
0921	3.0	11.3	0.50	60.93	6.73	25.3	-10	0.20	8.0	111	GREY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total ~~Gallons~~ L Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0859	0921	0.50	12	N/A	66.33	60.93	0922	IRZMW005_WG060607_0001

PURGED WATER TO COMPOUND TANK.

Notes: INITIAL WATER COLOR: BLACK
FERROUS IRON: 0.02 mg/L
HYDROGEN SULFIDE: 0.106 mg/L

ft-bmp = feet below measuring point

BOE-C6-0054093

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6, TORRANCE	**Date:** 6-6-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IRZMW-0001B	**Weather:** SUNNY / COOL
Measurement Point Description: TOC-N	**Pump Intake:** 85 **Screen:** 80-90

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	TUBING VOLUME ~~Screen~~ Volume (Screen length x D) LITRE	½ screen Volume
---	64.45	90.50	26.05	---	N/A	N/A	N/A	N/A	3.2	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen INITIAL PURGED LITERS	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0719		4.2	0.21	64.47	6.70	19.9	36.0	0.23	.88	20	CLEAR
0724	1.5	5.7	.3	64.48	6.69	21.2	8.0	0.19	.74	16	CLEAR
0729	1.5	7.2	.3	64.49	6.70	22.2	6.0	0.19	.62	16	CLEAR
0734	1.5	8.7	.3	64.49	6.70	21.6	7.0	0.19	.58	14	CLEAR
0739	1.5	10.2	.3	64.49	6.70	21.0	4.0	0.19	.78	11	CLEAR
0744	1.5	11.7	.3	64.49	6.70	21.6	2.0	0.19	.80	8	CLEAR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total ~~Gallons~~ Purged LITERS	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0659	0744	.3	12.5	TUBING VOLUME	69.66	64.49	0745	IRZMW-0001B-WG1060607-0001

Notes: * INITIAL PURGE COLOR: CLEAR
FERROUS IRON: 0.00 mg/L
HYDROGEN SULFIDE: 0.053 mg/L

PUMPED PURGED WATER TO COMPOUND TANK

ft-bmp = feet below measuring point

BOE-C6-0054094

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: Former C-6	**Date:** 6-5-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: EWC 002	**Weather:** Cloudy / Cool
Measurement Point Description: TOC, N	**Pump Intake:** 100' **Screen:** 96-121

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	60.17	120.35	60.18	---	N/A	N/A	N/A	23.29	16.25	8.13

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47	

Field Equipment: Solinst, Horiba

Purge Method: 2" Grundfos w/ Dedicated Tubing

Well Condition: Good (1 Bolt Missing)

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0739	Above	23.29	1.4	61.00	7.0	22.6	4.0	0.18	7.4	78	Clear/ No odor
0745	0.5	31.42	1.4	61.00	7.0	22.7	6.0	0.18	7.2	73	Clear/ No odor
0751	1.0	39.55	1.4	61.00	7.0	22.7	6.0	0.18	7.1	67	Clear/ No odor
0757	1.5	47.68	1.4	61.00	7.0	22.7	7.0	0.18	7.1	72	Clear/ No odor
0803	2.0	55.81	1.4	61.00	7.0	22.6	7.0	0.18	7.1	72	Clear/ No odor
0809	2.5	63.94	1.4	61.00	7.0	22.6	7.0	0.18	7.1	72	Clear/ No odor
0815	3.0	72.07	1.4	61.00	7.0	22.6	7.0	0.18	7.1	72	Clear/ No odor

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0722	0815	1.4	73	Above 23.29 sc- 3.0	72.21	61.00	0816	EWC002-WG060507-0001

Notes: * Initial water color: clear
Ferrous Iron: 0.11 mg/L
Hydrogen Sulfide: 0.00 mg/L

* Purged well water into compound tank

ft-bmp = feet below measuring point

BOE-C6-0054095

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY TORRANCE	**Date:** 6-5-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IWC002	**Weather:** CLOUDY / COOL + MISTY
Measurement Point Description: TOC, N	**Pump Intake:** 100 **Screen:** 96-116

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	59.73	115.75	56.02	---	—	—	—	23.58	13	6.5

Well Diameter (in)	Gallons/Foot			
	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: 2" GRUNDFOS w/ DEDICATED TUBING

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0955	ABOVE	23.60	1.5	61.19	7.0	22.4	5	0.11	5.80	10	CLEAR/ NO ODOR
0959	0.5	30.1	1.6	61.19	7.0	22.5	6	0.11	5.70	12	CLEAR/ NO ODOR
1003	1.0	36.6	1.6	61.19	7.0	22.5	7	0.11	5.70	12	CLEAR/ NO ODOR
1007	1.5	43.1	1.6	61.20	7.0	22.5	8	0.11	5.70	11	CLEAR/ NO ODOR
1011	2.0	49.6	1.6	61.19	7.0	22.5	8	0.11	5.60	12	CLEAR/ NO ODOR
1015	2.5	56.1	1.6	61.26	7.0	22.4	6	0.11	5.60	11	CLEAR/ NO ODOR
1019	3.0	62.6	1.6	61.30	7.0	22.4	6	0.11	5.60	11	CLEAR/ NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0939	1019	1.6	64	ABOVE: 23.60 SCREEN: 3.0	70.93	61.30	1020	IWCM2-WG060507-0001

Notes: * INITIAL WATER COLOR: CLEAR

FERROUS IRON: 0.00 mg/L

HYDROGEN SULFIDE: 0.00 mg/L

* PURGED WATER INTO COMPOUND TANK.

ft-bmp = feet below measuring point

BOE-C6-0054096

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY TORRANCE	**Date:** 6/5/07
Project No.: EM 2727-01	**Prepared By:** CW
Well Identification: IRZMW004	**Weather:** CLOUDY - 68°F
Measurement Point Description: TOC (N)	**Pump Intake:** ~78' **Screen:** 65-90'

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	TUBING ~~Screen~~ Volume (Screen length x D) liters	½ screen Volume
---	① 61.30 ② 61.30 ③ 61.30	90.65	29.35	---	N/A	N/A	N/A	N/A	2.8	N/A

Well Diameter (in)	Gallons/Foot			
	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1018	INITIAL PURGED VOLUME	3.8	0.5	61.10	6.71	23.2	46.1	0.20	3.01	-85	CLOUDY / BAD ODOR
1023	1.0	6.3	0.5	61.10	6.78	23.1	48.0	0.20	2.96	-84	CLOUDY / BAD ODOR
1028	2.0	8.8	0.5	61.10	6.79	23.8	48.0	0.20	2.90	-85	CLOUDY / BAD ODOR
1033	3.0	11.3	0.5	61.10	6.78	23.4	48.0	0.20	2.90	-85	CLOUDY / BAD ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total ~~Gallons~~ L Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1010	1033	0.5	126	3	67.17	61.10	1036	IRZMW004_WG060507_0001

Notes:

FERROUS IRON: 0.12 mg/L

HYDROGEN SULFIDE: 0.036 mg/L

DISPOSED OF WATER IN COMPOUND

ft-bmp = feet below measuring point

BOE-C6-0054097

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: FORMER C-6 FACILITY / TORRANCE	**Date:** 6-5-07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IWC001	**Weather:** CLOUDY / COOL
Measurement Point Description: TOC, N	**Pump Intake:** 100 / **Screen:** 95-115

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	62.00	114.10	52.10	--	—	—	—	21.45	13	6.5

Well Diameter (in)	Gallons/Foot			
	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: 2" GRUNDFOS w/ DEDICATED TUBING

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1158	ABOVE	21.5	1.5	63.60	7.0	22.6	4.0	0.14	7.1	18	CLEAR/NO ODOR
1202	0.5	28	1.6	63.61	7.0	22.6	5.0	0.14	7.6	17	CLEAR/NO ODOR
1206	1.0	34.5	1.6	63.40	7.0	22.7	7.0	0.14	7.3	17	CLEAR/NO ODOR
1210	1.5	41	1.6	63.40	7.0	22.8	7.0	0.14	7.0	16	CLEAR/NO ODOR
1214	2.0	47.5	1.6	63.40	7.1	22.8	6.0	0.14	7.1	15	CLEAR/NO ODOR
1218	2.5	54	1.6	63.61	7.1	22.6	6.0	0.14	7.0	15	CLEAR/NO ODOR
1222	3.0	60.5	1.6	63.61	7.1	22.6	6.0	0.14	7.0	16	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1144	1222	1.6	61	ABOVE: 2.15 SCREEN: 3.0	72.42	63.61	1223	IWC001_WG060507-0001

Notes: INITIAL WATER COLOR: CLOUDY
FERROUS IRON : 0.02 mg/L
HYDROGEN SULFIDE : 0.00 mg/L

* PUMPED WATER INTO COMPOUND TANK.

ft-bmp = feet below measuring point

BOE-C6-0054098

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY, TORRANCE	**Date:** 6/5/07
Project No.: EM 2727-01	**Prepared By:** CW
Well Identification: IRZCMW001	**Weather:** CLOUDY
Measurement Point Description: TOC (N)	**Pump Intake:** 105' **Screen:** 92-117

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	TUBING ~~Screen~~ Volume (Screen length x D)	½ screen Volume
---	① 59.98 ② 59.98 ③ 59.98	116.40	56.42	---	N/A	N/A	N/A	N/A	3.8	N/A

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47	

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1235	INITIAL VOLUME PURGED	4.8	0.3	59.82	7.11	23.1	44	0.11	7.11	-85	CLEAR / NO ODOR
1240	1.5	6.3	0.3	59.80	7.12	23.4	30	0.11	6.89	-70	CLEAR / NO ODOR
1245	1.5	7.8	0.3	59.80	7.11	23.4	26	0.11	6.80	-50	CLEAR / NO ODOR
1250	1.5	9.3	0.3	59.80	7.12	23.4	20	0.11	6.74	-35	CLEAR / NO ODOR
1255	1.5	10.8	0.3	59.80	7.11	23.4	12	0.11	6.44	-31	CLEAR / NO ODOR
1300	1.5	12.3	0.3	59.80	7.11	23.4	11	0.11	6.40	-30	CLEAR / NO ODOR
1305	1.5	13.8	0.3	59.80	7.11	23.4	10	0.11	6.40	-30	CLEAR / NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1230	1305	0.3	15.2	3	71.26	59.80	1310	IRZCMW001_WG060507_001

Notes: FERROUS IRON: 0.00 mg/L
HYDROGEN SULFIDE: 0.0954 mg/L

DISPOSED OF WATER IN COMPOUND

ft-bmp = feet below measuring point

BOE-C6-0054099

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY, TORRANCE	**Date:** 6/4/07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IRZMW001A	**Weather:** CLOUDY / COOL
Measurement Point Description: TOC (N)	**Pump Intake:** 70' **Screen:** 65-73

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	TUBING ~~Screen~~ Volume (Screen length x D)	½ screen Volume
---	64.75	75.65	10.9	---	N/A	N/A	N/A	N/A	3.1 L	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	~~Casing/ Screen~~ INITIAL SCREEN VOLUME	Volume Purged (~~gallons~~ Liters)	Flow Rate (~~gpm~~ LPM)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0900		4.1	0.3	64.96	6.71	21.4	102	0.20	0.99	-21	CLOUDY / GREY
0905	1.5	5.6	0.3	64.96	6.72	21.4	90	0.19	1.02	-28	CLOUDY / GREY
0910	1.5	7.1	0.3	64.96	6.72	21.8	82	0.18	0.80	-24	CLOUDY / GREY
0915	1.5	8.6	0.3	64.97	6.74	21.9	76	0.17	0.71	-16	CLEAR
0920	1.5	10.1	0.3	64.98	6.74	21.8	70	0.17	0.42	-14	CLEAR
0925	1.5	11.6	0.3	65.04	6.74	21.8	52	0.17	0.40	-14	CLEAR
0930	1.5	13.1	0.3	65.04	6.74	21.8	50	0.17	0.41	-14	CLEAR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total ~~Gallons~~ Liters Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0855	0930	0.3	14 Liters	3	66.93	65.04	0949:3	IRZMW001A_WG060507_0001

Notes: INITIAL WATER COLOR: CLOUDY GREY
FERROUS IRON: 0.44 mg/L
HYDROGEN SULFIDE: 0.318 mg/L

PURGED WELL WATER TO COMPOUND TANK

ft-bmp = feet below measuring point

BOE-C6-0054100

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY, TORRANCE	**Date:** 6/4/07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IRZMW003A	**Weather:** CLOUDY / COOL
Measurement Point Description: TOC (N)	**Pump Intake:** 66' **Screen:** 61-@ 71'

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	TUBING ~~Screen~~ Volume (Screen length x D)	½ screen Volume
---	64.72	76.75	12.03	---	N/A	N/A	N/A	N/A	3.1	N/A

Well Diameter (in)	Gallons/Foot 0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (~~gallons~~ Liters)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1034	INITIAL PURGED	4.1	0.3	64.76	6.91	23.0	362	0.16	0.833	71	BROWN / NO ODOR
1044	1.5	5.6	0.3	64.87	6.70	23.0	353	0.16	0.76	60	TAN / NO ODOR
1049	1.5	7.1	0.3	64.90	6.72	23.0	330	0.16	0.63	60	TAN / NO ODOR
1054	1.5	8.6	0.3	64.91	6.74	23.0	290	0.16	0.10	63	TAN / NO ODOR
1059	1.5	10.1	0.3	64.95	6.74	23.3	280	0.16	0.02	63	TAN / NO ODOR
1104	1.5	11.6	0.3	65.00	6.74	23.2	263	0.16	0.00	63	CLOUDY / NO ODOR
1109	1.5	13.1	0.3	65.00	6.74	23.2	262	0.16	0.00	63	CLOUDY / NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1034	1109	0.3	13 L	3	67.13	65.00	1110	IRZMW003A-WG060507-0001

Notes: * INITIAL WATER COLOR: CLOUDY / TAN
FERROUS IRON = 1.92 mg/L
HYDROGEN SULFIDE = 0.848 mg/L

PURGED WELL WATER INTO COMPOUND TANK

ft-bmp = feet below measuring point

BOE-C6-0054101

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY, TORRANCE	**Date:** 6/4/07
Project No.: EM 2727.01	**Prepared By:** JA
Well Identification: IRZMW002A	**Weather:** SUNNY / COOL
Measurement Point Description: TOC (N)	**Pump Intake:** 75' **Screen:** 68-78

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	TUBING ~~Screen~~ Volume (Screen length x D)	½ screen Volume
---	64.97	77.75	12.78	---	N/A	N/A	N/A	N/A	3.1	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged L (~~gallons~~)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:33	INITIAL PURGED VOLUME	4.1	0.3	66.70	6.80	22.8	660	0.19	1.21	-10	TAN / CLOUDY
1238	1.5	5.6	0.3	66.70	6.82	23.2	470	0.19	1.01	-17	TAN / CLOUDY
1243	1.5	7.1	0.3	66.70	6.84	23.6	305	0.19	0.71	-15	TAN / CLOUDY
1248	1.5	8.6	0.3	66.70	6.86	24.1	160	0.19	0.62	-14	TAN / CLOUDY
1253	1.5	10.1	0.3	66.70	8.68	24.2	80	0.19	0.60	-15	TAN / CLOUDY
1258	1.5	11.6	0.3	66.70	8.69	24.0	41	0.19	0.55	-16	TAN / CLEAR
1303	1.5	13.1	0.3	66.70	6.89	24.0	48	0.19	0.50	-16	TAN / CLEAR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total (L) ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1219	1303	0.3	14 L	3	67.53	66.70	1304	IRZMW002A-WG060507-0001

Notes: * INITIAL WATER COLOR - TAN

PURGED WELL WATER INTO COMPOUND TANK

FERROUS IRON: 0.11 mg/L

HYDROGEN SULFIDE: 0.095 mg/L

ft-bmp = feet below measuring point

BOE-C6-0054102

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: FORMER C-6 FACILITY TORRANCE	**Date:** 6/4/07
Project No.: EM 2727-01	**Prepared By:** JA
Well Identification: IRZCMW003	**Weather:** SUNNY / COOL
Measurement Point Description: TOC (N)	**Pump Intake:** 105' **Screen:** 92-117

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	TUBING ~~Screen~~ Volume (Screen length x D) liters	½ screen Volume
---	60.10	117.65	57.55	---	N/A	N/A	N/A	N/A	3.8	N/A

Well Diameter (in)	Gallons/Foot			
	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: SS. MONSOON

Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1500	INITIAL PURGED VOLUME	4.8	0.3	59.91	7.48	23.5	39	0.80	0.00	18	CLEAR / NO ODOR
1510	1.0	7.8	0.3	59.91	7.47	23.1	30	0.85	0.00	14	CLEAR / NO ODOR
1520	2.0	10.8	0.3	59.91	7.47	23.0	25	0.85	0.00	15	CLEAR / NO ODOR
1530	3.0	13.8	0.3	59.91	7.47	23.0	25	0.85	0.00	15	CLEAR / NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total (L) ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1450	1530	0.3	14 L	3	71.61	59.91	1531.	IRZCM003 - WG060507-0001

Notes: * INITIAL WATER COLOR: CLEAR
* FERROUS IRON: 0.00 mg/L
HYDROGEN SULFIDE: 0.0742 mg/L
* PURGED WELL WATER INTO COMPOUND TANK

ft-bmp = feet below measuring point

BOE-C6-0054103

Tait Environmental Management, Inc.

Instrument Calibration Sheet

Project Name: BOEING C-6 **Project #:** EM-2727-01

Date	Time	Instrument Type	Instrument Serial No.	Calibration Method	TAPE / SOLINST		Horiba	Calibrated By
6/4/07	6:30	SOLINST	44249	STEEL TAPE	25.00	25.02	N/A	JA/LW
6/4/07	640	~~SOLINST~~ HORON	TAIT #01	STEEL TAPE	25.00	25.01	N/A	JA/LW
6/4/07	650	HORIBA	TAIT #1	Auto 4.0/00.0.0.0	N/A	N/A	U-22	JA
6/4/07	700	HORIBA	TAIT #2	Auto 4.0/00.00	N/A	N/A	U-22	LW
6/5/07	605	SOLINST	44249	STEEL TAPE	25.00	25.02	N/A	JA/LW
6/5/07	610	HORON	TAIT #01	STEEL TAPE	25.00	25.01	N/A	JA/LW
6/5/07	615	HORIBA	TAIT #01	AUTO 4.0/000%	N/A	N/A	U-22	JA
6/5/07	620	HORIBA	TAIT #02	AUTO 4.0/00.0%	N/A	N/A	U-22	LW
6/6/07	610	HORON	TAIT #01	STEEL TAPE	25.00	25.01	N/A	LW/JA
6/6/07	620	HORIBA	TAIT #01	AUTO 4.0/00.0%	N/A	N/A	U-22	JA
6/7/07	610	HORON	TAIT #01	STEEL TAPE	25.00	25.01	N/A	JA/LW
6/7/07	620	SOLINST	44249	STEEL TAPE	25.00	25.02	N/A	JA/LW
6/7/07	625	HORIBA	TAIT #01	AUTO 4.0 00.0%	N/A	N/A	U-22	JA
6/7/07	630	HORIBA	TAIT #02	AUTO 4.0 00.0%	N/A	N/A	U-22	LW
6/8/07	610	~~SOLINST~~ HORON	TAIT #01	STEEL TAPE	25.00	25.01	N/A	JA
6/8/07	615	HORIBA	TAIT #02	AUTO 4.0 00.0%	N/A	N/A	U-22	JA

Tait Environmental Management, Inc.

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Investigation Derived Waste (IDW) Inventory Record

Project Name: Boeing C-6

Project No.: EN-2727

Accumulation Date	Drum/Bin	Identifier	Waste Origination	Contents	Accumulation Amount	Container Location	Inventoried By	Labeled By
6/4/07	N/A	IRZMW001A	GW	N/A	14 Liters	COMPOUND	LW	N/A
6/4/07	N/A	IRZMW003A	GW	N/A	14 Liters	COMPOUND	LW	N/A
6/4/07	N/A	IRZMW002A	GW	N/A	14 Liters	COMPOUND	LW	N/A
6/4/07	N/A	IRZCMW003	GW	N/A	14 Liters	COMPOUND	LW	N/A
6/5/07	N/A	EWC002	GW	N/A	76 GALLONS	COMPOUND	LW	N/A
6/5/07	N/A	IRZMW004	GW	N/A	12 Liters	COMPOUND	LW	N/A
6/5/07	N/A	IWC002	GW	N/A	64 GALLONS	COMPOUND	LW	N/A
6/8/07	N/A	MWC024	GW	N/A	73 GALLONS	COMPOUND	LW	N/A
6/5/07	N/A	IRZCMW001	GW	N/A	15 Liters	COMPOUND	LW	N/A
6/5/07	N/A	IRZCMW100	GW	N/A	N/A	COMPOUND	LW	N/A
6/5/07	N/A	IWC001	GW	N/A	61 GALLONS	COMPOUND	LW	N/A
6/6/07	N/A	IRZMW003B	GW	N/A	12.5 Liters	COMPOUND	LW	N/A
6/6/07	N/A	IRZMW005	GW	N/A	12 Liters	COMPOUND	LW	N/A
6/6/07	N/A	CMW002	GW	N/A	13 Liters	COMPOUND	LW	N/A
6/6/07	N/A	IRZMW003B	GW	N/A	13 Liters	COMPOUND	LW	N/A
6/6/07	N/A	CMW026	GW	N/A	13 Liters	COMPOUND	LW	N/A
6/7/07	N/A	IRZMW002B	GW	N/A	13.5 Liters	COMPOUND	LW	N/A
6/7/07	N/A	IRZB0095	GW	N/A	1.8 Gal	COMPOUND	LW	N/A
6/7/07	N/A	IRZB0081	GW	N/A	1.6 Gal	COMPOUND	LW	N/A
6/7/07	N/A	IRZCMW002	GW	N/A	13 Liter	COMPOUND	LW	N/A
6/8/07	N/A	CMW001	GW	N/A	13 Liter	COMPOUND	LW	N/A

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BOE-C6-0054105

Tait Environmental Management, Inc.
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QA/QA Sample Identification Form

Project Name: Boeing C-6 | **Project #:** EM-2727-01

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
6/4	0931	N/A	IRZMW001A	C-6	N/A	SEE COC	N/A	JA	
6/4	1110	N/A	IRZMW003A	C-6	N/A	SEE COC	N/A	JA	
6/4	1304	N/A	IRZMW002A	C-6	N/A	SEE COC	N/A	JA	
6/4		N/A	IRZMW003	C-6	N/A	SEE COC	N/A		
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
6/4	N/A		TB-TAIT060407-0001	C-6	N/A	SEE COC	N/A	LW	
6/4	945		RB-TAIT060407-0001	C-6	N/A	SEE COC	N/A	LW	
6/5	0816	N/A	EWC002	C-6	N/A	SEE COC	N/A	JA	
6/5	1036	N/A	IRZMW004	C-6	N/A	SEE COC	N/A	~~JA~~ LW	
6/5	1020	N/A	IWC002	C-6	N/A	SEE COC	N/A	JA	
6/8	0749	N/A	MWC024	C-6	N/A	SEE COC	N/A	JA	
6/5	1223	N/A	IWC001	C-6	N/A	SEE COC	N/A	JA	
6/5	1310	N/A	IRZCMW001	C-6	N/A	SEE COC	N/A	LW	
6/5	1330	N/A	IRZCMW100	C-6	N/A	SEE COC	N/A	LW	
6/5	N/A	N/A	TB-TAIT060507-0001	C-6	N/A	SEE COC	N/A	LW	

BOE-C6-0054106

Tait Environmental Management, Inc.
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QA/QA Sample Identification Form

Project Name:	Boeing C-6	Project #:	EM-2727

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
6/5/07	0830	N/A	RB-TAIT060507-0001	C-6	N/A	See COC	N/A	LW	
6/6/07	0745		IRZMW001B-WG060607-0001	C-6	N/A	See COC	N/A	LW	
6/6	0922		IRMW005-WG060607-0001	C-6	N/A	See COC	N/A	LW	
6/6	1054		CMW002-WG060607-0001	C-6	N/A	See COC	N/A	LW	
6/6	1231		IRZMW003B-WG060607-0001	C-6	N/A	See COC	N/A	LW	
6/7	0738		CMW026-WG060607-0001	C-6	N/A	See COC	N/A	LW	
6/6	N/A		TB-TAIT060607-0001	C-6	N/A	See COC	N/A	LW	
6/6	0825		RB-TAIT060607-0001	C-6	N/A	See COC	N/A	LW	
6/6	0800		FB-TAIT060607-0001	C-6	N/A	See COC	N/A	LW	
6/7	1003		IRZMW002B-WG060707-0001	C-6	N/A	See COC	N/A	LW	
6/7	1325		IRZB0095-WG060707-0001	C-6	N/A	See COC	N/A	LW	
6/7	1450		IRZB0081-WG060707-0001	C-6	N/A	See COC	N/A	LW	
6/7	1157		IRZCMW002-WG060707-0001	C-6	N/A	See COC	N/A	LW	
6/8	1006		CMW001-WG060707-0001	C-6	N/A	See COC	N/A	LW	
6/7	N/A		TB-TAIT060707-0001	C-6	N/A	See COC	N/A	LW	

BOE-C6-0054107

Tait Environmental Management, Inc.
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QA/QA Sample Identification Form

Project Name:	Boeing C-6	Project #:	EM. 2729

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
6/7	0830	RB-TAT060702-0001		C-6	N/A	See COC	N/A	LW	
6/8	N/A	TB-TAT060807-0001		C-6	N/A	See COC	N/A	LW	
6/8	~~0800~~ 0820	RB-TAT060807-0001		C-6	N/A	See COC	N/A	LW	
6/8	0749	MW0024-WG060807-0001		C-6	N/A	See COC	N/A	LW	
6/8	1006	CMW001-WG060807-0001		C-6	N/A	See COC	N/A	LW	

BOE-C6-0054108

GROUNDWATER MONITORING WELL GAUGING DATA
JUNE 2007 FORMER C-6 FACILITY GAUGING EVENT

Well ID	Date of Previous Measurement	Previous Depth to Water	Previous Total Depth	DATE	WELL DIAMETER	Corrected Total Depth	TIME	PID (ppm)	MEASUREMENT POINT	DEPTH TO WATER	SECOND DEPTH TO WATER	TOTAL DEPTH	DEPTH TO WATER	SECOND DEPTH TO WATER	TOTAL DEPTH	PERSONNEL	Comments/Well Condition: Well Bottom	Well Box/Casing	Obstruction	Well Cap & Lock	Comments
IRZMW001A	March-07	64.92	75.36	6/1/07	2"		600	9.2	TOC(N)	64.65	64.65	75.40	N/A	N/A	75.40	JA/LW	SOFT	OK	NO	OK	
IRZMW003A	March-07	64.85	76.60	6/1/07	2"		615	22.0	TOC (N)	64.65	64.65	76.64	N/A	N/A	76.64	JA/LW	SOFT	OK	NO	OK	
IRZMW002A	March-07	64.67	77.68	6/1/07	2"		630	18.7	TOC (N)	64.81	64.81	77.70	N/A	N/A	77.70	JA/LW	SOFT	OK	NO	OK	
IRZCMW003	March-07	60.33	117.60	6/1/07	4"		645	0.0	TOC (N)	60.00	60.00	117.63	N/A	N/A	117.63	JA/LW	SOFT	OK	NO	OK	
EWC002	March-07	60.47	120.24	6/1/07	4"		700	0.0	TOC (N)	60.17	60.17	120.35	N/A	N/A	120.35	JA/LW	SOFT	OK	YES	OK	
IRZMW004	March-07	61.50	90.65	6/1/07	4"		715	7.1	TOC(N)	61.28	61.28	90.69	N/A	N/A	90.69	JA/LW	SOFT	NEEDS BOLTS	NO	OK	
IWC002	March-07	59.70	115.77	6/1/07	4"		730	1.5	TOC(N)	59.69	59.69	117.74	N/A	N/A	117.74	JA/LW	SOFT	OK	NO	OK	
MWC024	March-07	60.23	123.70	6/1/07	4"		650	1.2	TOC(N)	60.00	60.00	123.75	N/A	N/A	123.75	JA/LW	SOFT	OK	YES	OK	
IWC001	March-07	62.28	114.62	6/1/07	4"		800	0.0	TOC(N)	62.07	62.07	114.60	N/A	N/A	114.60	JA/LW	HARD	OK	NO	OK	
IRZCMW001	March-07	60.20	116.40	6/1/07	4"		815	8.1	TOC(N)	59.86	59.86	116.44	N/A	N/A	116.44	JA/LW	SOFT	OK	NO	OK	
IRZMW001B	March-07	64.78	89.96	6/1/07	2"		830	4.2	TOC (N)	64.58	64.58	89.99	N/A	N/A	89.99	JA/LW	SOFT	OK	NO	OK	
IRZMW005	March-07	61.04	87.94	6/1/07	4"		845	1.5	TOC(N)	60.92	60.92	87.96	N/A	N/A	87.96	JA/LW	SOFT	OK	NO	OK	
CMW002	March-07	61.50	124.07	6/1/07	4"		900	1.7	TOC(N)	61.41	61.41	124.10	N/A	N/A	124.10	JA/LW	SOFT	OK	NO	OK	
IRZMW003B	March-07	64.93	92.90	6/1/07	2"		915	3.9	TOC(N)	64.68	64.68	92.90	N/A	N/A	92.90	JA/LW	SOFT	OK	NO	OK	
CMW026	March-07	60.09	118.00	6/1/07	4"		930	0.0	TOC(N)	59.68	59.68	117.98	N/A	N/A	117.98	JA/LW	SOFT	NEEDS BOLTS	NO	OK	
IRZMW002B	March-07	64.81	89.92	6/1/07	2"		945	27.3	TOC(N)	64.67	64.67	89.90	N/A	N/A	89.90	JA/LW	SOFT	OK	NO	OK	
IRZB0095	March-07	61.79	89.96	6/1/07	3/4"		1000	17.6	TOC(N)	61.65	61.65	89.95	N/A	N/A	89.95	JA/LW	SOFT	OK	NO	OK	
IRZB0081	March-07	61.91	86.53	6/1/07	3/4"		1015	18.3	TOC(N)	61.78	61.78	86.55	N/A	N/A	86.55	JA/LW	SOFT	OK	NO	OK	
IRZCMW002	March-07	64.55	121.34	6/1/07	4"		1030	0.0	TOC (N)	64.11	64.11	121.35	N/A	N/A	121.35	JA/LW	SOFT	NEEDS BOLTS	NO	OK	
CMW001	March-07	63.06	124.21	6/1/07	4"		1045	0.9	TOC (N)	62.95	62.95	124.22	N/A	N/A	124.22	JA/LW	SOFT	OK	NO	OK	
							~~1100~~		~~TOC(N)~~												
							~~1115~~		~~TOC(N)~~												
							~~1130~~		~~TOC(N)~~												