Appendix C
Santa Clara Valley Water District Injection Borings Permit

Santa Clara Valley Water District

5750 Almaden Expressway
San Jose, CA 95118-3686
(408) 265-2600

APPLICATION TO DRILL EXPLORATORY BORINGS

FC 285 (06-13-08)

Date Issued: 7-13-10	Expiration Date: 1-13-11	District Permit No.: 10E00103
Client (if different from property owner): US Department of the Navy - BRAC	**Property Owner**: National Aeronautics & Space Administration	Name of Business/Residence at Site: National Aeronautics & Space Administration
Client's Address: 1455 Frazee Road, Suite 900 City, State, Zip: San Diego, CA 92108	Property Owner's Address: NASA Ames Research Center, Building 237, Room 115 City, State, Zip: Moffett Field, CA 94035	Address of Site: IR Site 28, Former Naval Air Station Moffett Field City, State, Zip: Moffett Field, CA 94035
Telephone No.: Valerie Harris (619) 532-0981	Telephone No.: Donald Chuck (650) 604-0237	Assessor's Parcel No. of Site: Book 116 Page 18 Parcel 012

Consulting Company Name: Shaw Environmental, Inc.	Drilling Company Name: Vironex, Inc.	
Address: 4005 Port Chicago Highway City, State, Zip: Concord, CA 94520-1120	Address: 5292 Pacheco Boulevard City, State, Zip: Pacheco, CA 94553	
Telephone No.: (925) 288-9898	Telephone No.: (925) 521-1490	C-57/C-61 License No.: 705927
☐ Check if address or phone number has changed	☐ Check if address or phone number has changed	

In space at right, sketch location of proposed boring(s) in sufficient detail to identify location. In addition to distances to nearest street and intersection, show distances to any existing structures, landmarks, or topographic features.

How many borings will be installed on parcel?
34

☐ Proposed borings on District property/easement (See General Condition F, page 2.)

☐ Within 50 feet of the top of a creek bank or District facility

Proposed depth of boring(s):

☒ 45 to 150 feet
☐ 151 to 300 feet
☐ Over 300 feet

Type of boring(s):

☐ Hollow stem
☐ Rotary
☐ CPT/Hydropunch
☐ Other: Direct-push borings for treatment substrate injection

NOTE: No permit is required for borings under 45 feet deep.

SITE PLAN
(Please draw accurately)

See attached figure
"Planned Well & Injection Locations"

N

RECEIVED
JUL 09 2010
S.C.V.W.D.
WELLS

SIGNATURES

I understand and agree that all work associated with this permit is required to be done in accordance with Santa Clara Valley Water District (District) Well Ordinance 90-1, the District Well Standards, and conditions of this permit (see page 2). I certify that the information given in this permit is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I also certify that a right of entry/encroachment agreement has been formalized between the well owner and property owner, if parties differ.

Signature of Property Owner/Agent: Donald M. Chuck	Print/Type Name: Donald M. Chuck	Date: 7/9/2010
Signature of Client/Agent: Valerie Harris	Print/Type Name: Valerie Harris	Date: 7/9/2010
Signature of Driller/Agent: John McAssey	Print/Type Name: John McAssey	Date: 7/9/2010
Signature of Consultant/Agent: Neil Hey	Print/Type Name: Neil Hey	Date: 7/9/2010

IMPORTANT: A minimum 24-hour notice must be given to Santa Clara Valley Water District Well Inspection Department prior to installing the annular seal. Call (408) 265-2607, ext. 2660. For weekends, holidays, or after-hours, call (408) 265-2607, ext. 2120. Please allow 10 working days to process permit application.

Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118-3686
(408) 265-2600

APPLICATION TO DRILL EXPLORATORY BORINGS

GENERAL CONDITIONS

A. **District** (telephone 408-265-2607, ext. 2660) **must be notified a minimum of one working day before the exploratory boring is backfilled**. An authorized District representative must be on site to witness the sealing operation. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the permittee(s) to furnish certification under penalty of perjury that the seal was constructed in accordance with the District Well Standards.

B. This permit is valid only for the purpose specified herein. Boring destruction methods authorized under this permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g., if the District representative finds that site conditions warrant such a change).

C. This permit is only valid for the Assessor's Parcel No. indicated on it.

D. This permit may be voided if it contains incorrect information.

E. Borings shall be sealed within 24 hours following completion of testing or sampling activities. Borings shall not be left in such a condition as to allow for the introduction of surface waters or foreign materials into them. Borings shall be secured such that they do not endanger public health.

F. If any work associated with this permit will take place on District property/easement, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607, ext. 2350, 2217, or 2253).

G. The permittee(s) shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from the granting or exercise of this permit including, but not limited to, property damage, personal injury, and wrongful death.

H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.

I. A current C-57 or C-61 Contractor's License is required for work associated with this permit.

J. Permittee, permittee's contractors, consultants, or agents shall be responsible to assure that all materials or waters generated during drilling, boring destruction, and/or other activities associated with this permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statues regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where the work is being completed.

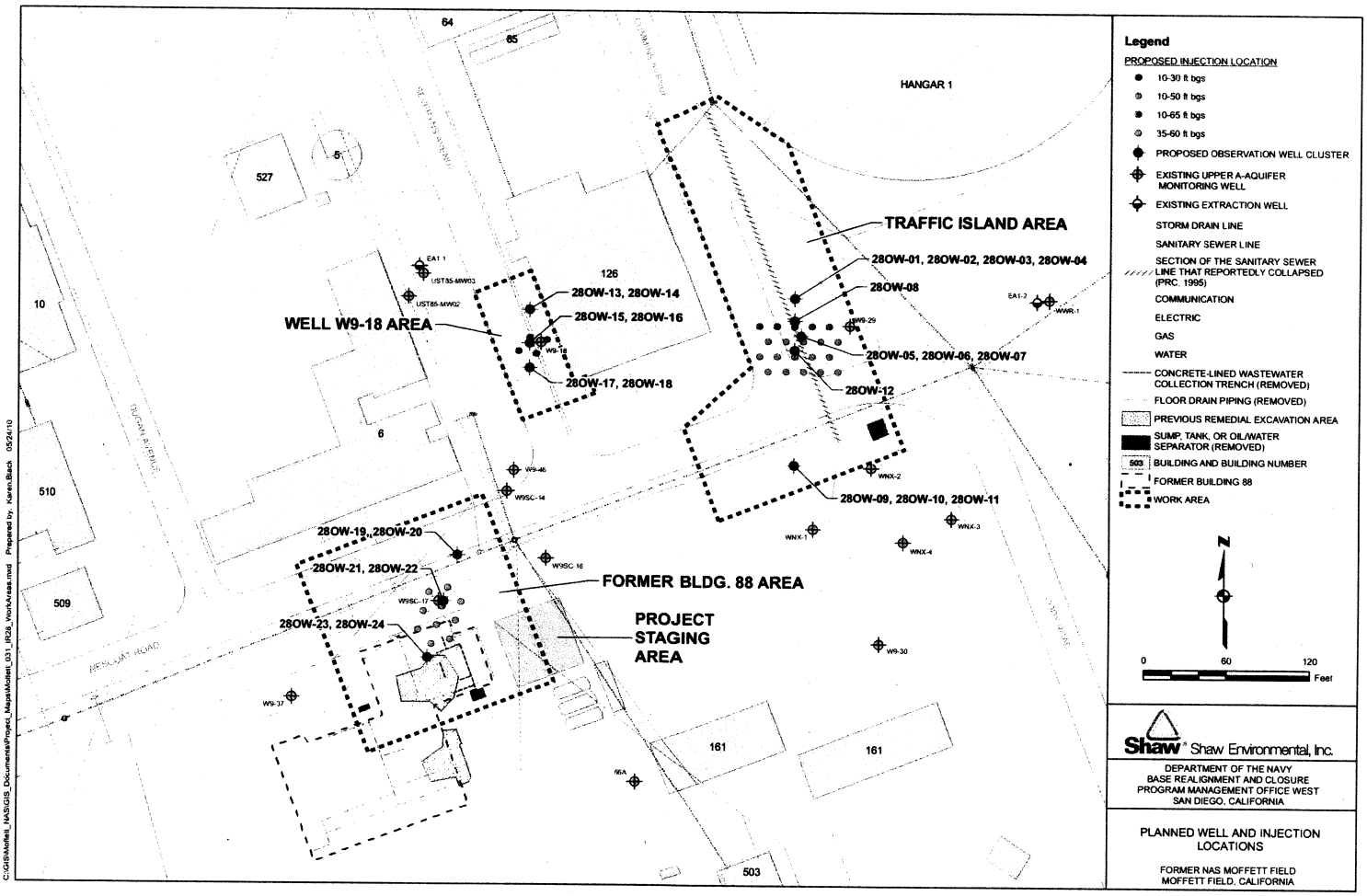
K. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.

L. This permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.

M. This permit shall be kept on site during all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Permit Approved by:	Date:

Please allow 10 working days to process this application.


HANGAR 1
TRAFFIC ISLAND AREA
28OW-01, 28OW-02, 28OW-03, 28OW-04
28OW-08
28OW-05, 28OW-06, 28OW-07
28OW-12
28OW-09, 28OW-10, 28OW-11
28OW-13, 28OW-14
28OW-15, 28OW-16
28OW-17, 28OW-18
WELL W9-18 AREA
28OW-19, 28OW-20
28OW-21, 28OW-22
28OW-23, 28OW-24
FORMER BLDG. 88 AREA
PROJECT STAGING AREA
64
65
5
527
10
126
6
510
509
161
161
503
EA1-1
UST85-MW03
UST85-MW02
W9-18
W9-29
EA1-2
WWR-1
W9-46
W9SC-14
W9SC-16
W9SC-17
WNX-1
WNX-2
WNX-3
WNX-4
W9-30
W9-37
66A
Legend
PROPOSED INJECTION LOCATION
10-30 ft bgs
10-50 ft bgs
10-65 ft bgs
35-60 ft bgs
PROPOSED OBSERVATION WELL CLUSTER
EXISTING UPPER A-AQUIFER MONITORING WELL
EXISTING EXTRACTION WELL
STORM DRAIN LINE
SANITARY SEWER LINE
SECTION OF THE SANITARY SEWER LINE THAT REPORTEDLY COLLAPSED (PRC, 1995)
COMMUNICATION
ELECTRIC
GAS
WATER
CONCRETE-LINED WASTEWATER COLLECTION TRENCH (REMOVED)
FLOOR DRAIN PIPING (REMOVED)
PREVIOUS REMEDIAL EXCAVATION AREA
SUMP, TANK, OR OIL/WATER SEPARATOR (REMOVED)
503 BUILDING AND BUILDING NUMBER
FORMER BUILDING 88
WORK AREA
N
0
60
120
Feet
Shaw Shaw Environmental, Inc.
DEPARTMENT OF THE NAVY
BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
PLANNED WELL AND INJECTION LOCATIONS
FORMER NAS MOFFETT FIELD
MOFFETT FIELD, CALIFORNIA
C:\GIS\Moffett_NAS\GIS_Documents\Project_Maps\Moffett_031_IR28_WorkAreas.mxd Prepared by: Karen.Black 05/24/10

Appendix D
Well Development Logs

Well/Piez. ID: RSOW-01

Well/Piezometer Development Record

Client: Jacobs Site Location: Moffet Air feild

Project No: 1087 Date: Developer: Chris Gower

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known)

Depth to Top of Screen (ft.)

Depth to Bottom of Screen (ft.) Time of Water Level Measurement: 12:00

Total Well Depth (ft.): 17.37 Calculate Purge Volume (gal.)

Depth to Static Water Level (ft.): 4.75 (Pre-development) | (Post-development) 80% Recovery (DTW)

Wellhead PID/FID

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening

DEVELOPMENT METHOD Surge **PURGE METHOD** Pump

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) TLR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
12:20	start	20.9	8.4	3.0	139	10.3	LB	NO	140
12:30	7 g	20.9	8.2	3.1	20.2	9.9	Clear	NO	117
12:45	14 g	20.9	8.1	2.4	19.1	10.1	Clear	NO	131
12:47	15 g	—	—	—	5.0	—	—	—	—

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature [signature] Date: 6-30-10

Well/Piez. ID: 280W-02

Well/Piezometer Development Record

Client: Shell Site Location: Moffet Air Base

Project No: 1087 Date: Developer: [illegible]

WELL/PIEZOMETER DATA

Well [X] Piezometer [ ] Diameter Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 12:30

Total Well Depth (ft.): 29.4 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 4.41 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development [X] Redevelopment [ ] Well under +/- pressure @opening:

DEVELOPMENT METHOD: Surge **PURGE METHOD:** Pump

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) TLR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
1:25	2 g	20.7	8.3	0.159	83.5	9.4	Clear	NO	136
1:40	17 g	21.0	8.4	.149	9.8	9.3	Clear	NO	125
1:45	25 g	20.5	8.2	.131	4.6	9.8	Clear	NO	121
2:00	30 g	20.5	8.3	.147	[illegible]	9.4	Clear	NO	125

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) ____ gallons

Maximum Turbidity Allowed ____ NTUs

Stabilization of parameters ____ %

	Yes	No	N/A
Has required volume been removed	[X]	[ ]	[ ]
Has required turbidity been reached	[X]	[ ]	[ ]
Have parameters stabilized	[X]	[ ]	[ ]

If no or N/A explain below:

Signature: [illegible] Date: 6-30-10

Well/Piez. ID: 280W-05

Well/Piezometer Development Record

Client: Shaw. Site Location: Moffet Air base

Project No: 1087 Date: Developer: Christopher L Garder

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing

Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.):

Time of Water Level Measurement: 10:50

Total Well Depth (ft.): 50.44

Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 4.18 (Pre-development) / (Post-development)

80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐

Well under +/- pressure @opening:

DEVELOPMENT METHOD: Surge

PURGE METHOD: Pump.

Field Testing Equipment Used: Make / Model / Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) ↓ TLR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
10:40	Start	21.3	8.4	.106	—	8.4	DARK B.	NO	20
10:55	5g	Dewatering							
11:40	5g	21.3	8.2	.110	303	8.1	~~Dark~~ B.	NO	21
11:55	7.5g	21.5	8.3	.110	412	9.0	L BROWN	NO	130
	Dewatered								
12:50	7.5g	20.9	8.3	.090	970	9.6	LB	NO	120
1:15	10.0g	21.0	8.3	.11	324	9.0	LB	NO	134
1:30	12.5g	21.9	8.5	0.090	109.9	9.1	LB	NO	113

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	☐	☑	☐
Has required turbidity been reached	☐	☑	☐
Have parameters stabilized	☐	☑	☐

If no or N/A explain below: Dewatering

Signature: [signature] Date: 6-30-10

Well/Piez. ID: 280W-04

Well/Piezometer Development Record

Client: Shaw Site Location: Moffet Air Base

Project No: 1087 Date: Developer: [illegible]

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 12:35

Total Well Depth (ft.): 65.5 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 4.48 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD: Surge **PURGE METHOD**: Pump

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) TLR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
2:20	START	21.3	8.5	90.4	—	9.4	VB	NO	120
2:35	5.9	21.3	8.3	99.2	—	8.1	LB	NO	150
2:50	7.9	20.9	8.5	98.2	408	9.7	LB	NO	167
3:00	Dewatered								
3:15	10.9	21.7	8.3	99.5	229	6.8	LB	NO	154
3:25	Dewatered								
3:40	12.9	22.0	8.5	0.90	175	6.6			150
3:45	Dewatered								
4:15	12.9	21.9	8.2	96.2	420	9.8			214

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) ____ gallons

Maximum Turbidity Allowed ____ NTUs

Stabilization of parameters ____ %

	Yes	No	N/A
Has required volume been removed	☐	☑	☐
Has required turbidity been reached	☐	☑	☐
Have parameters stabilized	☐	☑	☐

If no or N/A explain below: Dewatered

Signature: [illegible] Date: 6-30-10

Well/Piez. ID: 2YOW-04
Pg 2

Well/Piezometer Development Record

Client: _____ Site Location: _____

Project No: _____ Date: _____ Developer: _____

WELL/PIEZOMETER DATA

Well ☐ Piezometer ☐ Diameter _____ Material _____

Measuring Point Description _____ | _____

Depth to Top of Screen (ft.) _____ | _____

Depth to Bottom of Screen (ft.) _____ | _____

Total Well Depth (ft.) _____ | _____

Depth to Static Water Level (ft.) _____ | _____
Pre-development | Post-development

Geology at Screen Interval (if known) _____

Time of Water Level Measurement _____

Calculate Purge Volume (gal.)

80% Recovery (DTW) _____

Wellhead PID/FID _____

Original Well Development ☐ Redevelopment ☐

Well under +/- pressure @opening _____

DEVELOPMENT METHOD _____ **PURGE METHOD** _____

Field Testing Equipment Used: Make _____ Model _____ Serial Number _____

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
11:05	147g	~~20.4~~	~~9.4~~	84.6	159	4.5			28

ACCEPTANCE CRITERIA (from workplan)
Min. Purge Volume (____ well volumes) _____gallons
Maximum Turbidity Allowed _____ NTUs
Stabilization of parameters _____%

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature _____ Date: 7-1-10

Well/Piez. ID: 280w-05

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett Field

Project No: 1087 Date: Developer: Juan Franco

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter 2" Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement [redacted] 10:05

Total Well Depth (ft.): 17.5 Calculate Purge Volume (gal.)

Depth to Static Water Level (ft.): 4.35 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD Surge **PURGE METHOD** Pump

Field Testing Equipment Used:

Make	Model	Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) TLR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
10:20	Start	19.8	8.7	.237	—	7.7	Brown	No	25
10:35	[redacted] 3	20.0	8.3	.188	N/A	9.1	Cloudy	No	24
11:30	[redacted] 6	20.8	8.2	.175	1141	9.9	Cloudy	No	198

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____%

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature: Juan Franco Date: 6-30-10

Well/Piez. ID: 280W-06

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett field

Project No: 1087 Date: Developer: Juan Franco

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter 2" Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.): |

Depth to Bottom of Screen (ft.): | Time of Water Level Measurement: 9:15

Total Well Depth (ft.): 29.5 | Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 4.2 | 80% Recovery (DTW):

Pre-development Post-development

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD Surge **PURGE METHOD** pump

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) TR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
9:30	Start	20.5	8.6	.126	—	7.1	Brown	NO	69
9:45	15	21.1	8.3	.147	15.3	8.2	Cloudy	NO	89
10:00	30	21.0	8.1	.150	3.57	8.2	Clear	NO	104

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____%

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature Juan Franco Date: 6-30-10

Well/Piez. ID: 2804-07

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett Fiel

Project No: 1087 Date: Developer: Juan Franco

WELL/PIEZOMETER DATA

Well [X] Piezometer [ ] Diameter 2" Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 7:30

Total Well Depth (ft.): 50.7 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 3.8 (Pre-development) / (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development [X] Redevelopment [ ] Well under +/- pressure @opening:

DEVELOPMENT METHOD: Surge **PURGE METHOD**: pump

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) TLR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
8:00	Start	19.9	9.1	.092	—	7.8	Brown	No	104
8:15	15	20.5	8.6	.092	161	8.2	Cloudy	No	103
8:30	30	19.9	10.2	.090	31	7.3	Cloudy	No	36
8:45	45	19.4	9.3	.092	15.4	8.0	Clear	No	78
9:00	60	19.4	9.3	.092	12.4	8.1	Clear	No	78
9:00	75	20.1	9.1	.090	4.4		Clear	No	75

ACCEPTANCE CRITERIA (from workplan)
Min. Purge Volume (____ well volumes) _____ gallons
Maximum Turbidity Allowed _____ NTUs
Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	[ ]	[ ]	[ ]
Has required turbidity been reached	[ ]	[ ]	[ ]
Have parameters stabilized	[ ]	[ ]	[ ]

If no or N/A explain below:

Signature: Juan Franco Date: 6-30-10

Well/Piez. ID: 280W-08

Well/Piezometer Development Record

Client: Shaw Site Location: Moffet Air Base

Project No: 1087 Date: Developer: Chris Garner

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing. Geology at Screen Interval (if known)

Depth to Top of Screen (ft.)

Depth to Bottom of Screen (ft.) Time of Water Level Measurement: 8:10

Total Well Depth (ft.): 64.8 Calculate Purge Volume (gal.)

Depth to Static Water Level (ft.): ~~3.60~~ 3.63 (Pre-development) | (Post-development) 80% Recovery (DTW)

Wellhead PID/FID

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening

DEVELOPMENT METHOD **PURGE METHOD**

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
8:10	Start	19.9	10.5	1258	—	7.9	DB	NO	61
8:25	15g	20.3	8.5	76.3	190	4.5	—	—	117
8:40	30g	20.2	8.5	79.9	121	4.5	—	—	109
8:55	55g	20.2	8.5	82.1	131	4.5	Cloudy	NO	90
9:10	65g	20.5	8.6	82.0	128	4.5	"	"	77
9:25	75g	20.3	8.5	81.1	179	4.4	"	"	78
9:40	85g	20.3	8.4	82.1	157	4.4	"	"	76
9:55	90g	20.3	8.6	82.3	177	4.5	"	"	64
10:10	105g	20.4	9.1	83.2	164	4.5	"	"	39
10:25	120g	20.4	9.0	83.3	178	4.5	"	"	33
10:40	130g	20.4	8.7	84.1	151	4.6	"	"	41
10:55	140g	20.4	8.9	84.1	165	4.7	"	"	31

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature: [signature] Date: 7-1-10

Well/Piez. ID: 280W-4

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett Field

Project No: 1087 Date: Developer: Juan Franco

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter 2" Material

Measuring Point Description: Top of Casing

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.):

Total Well Depth (ft.): 17.6

Depth to Static Water Level (ft.): 5.41 (Pre-development) / (Post-development)

Geology at Screen Interval (if known):

Time of Water Level Measurement: 3:00

Calculate Purge Volume (gal.):

80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐

Well under +/- pressure @opening:

DEVELOPMENT METHOD Surge **PURGE METHOD** pump

Field Testing Equipment Used: Make / Model / Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
3:15	Start	24.2	8.2	173	—	6.8	Brown	No	156
3:45	7	23.2	8.2	192	590	8.8	Brown	No	113
4:15	2	22.6	8.4	180	616	8.1	Cloudy	No	118

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____%

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature Juan Franco Date: 6-29-10

Well/Piez. ID: 280W-10

Well/Piezometer Development Record

Client: Shaw Site Location: moffett field

Project No: 1087 Date: Developer: Juan Franco

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter 2" Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 12:00 pm

Total Well Depth (ft.): 28.51 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 4.41 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD Surger **PURGE METHOD** pump

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	ORP Other
12:15	Start	22.4	8.5	.102	—	7.5	Brown	NO	67
12:30	14	21.9	8.5	.101	139	7.0	Cloudy	NO	83
12:45	14	22.3	8.5	.102	109	6.9	Cloudy	NO	165
1:00	14	22.0	8.4	.103	87	7.6	Cloudy	NO	76
1:15	14	22.8	8.6	.103	101	7.2	Cloudy	NO	70
1:30	14	22.8	8.4	.104	124	7.2	Cloudy	NO	68
1:45	14	23.0	8.7	.103	89	6.9	Cloudy	NO	115
2:00	14	23.6	8.7	.103	79	7.8	Cloudy	NO	84
2:15	14	22.0	8.4	.097	171	9.2	Cloudy	NO	113
2:30	14	21.7	8.4	.101	68	8.0	Cloudy	NO	100
2:45	14	23.3	8.6	.099	80	9.9	Cloudy	NO	82
3:00	14	23.2	8.5	.107	63.7	7.1	Cloudy	NO	88

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____%

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature Juan Franco Date: 6-29-10

Well/Piez. ID: 280W-16

Page 1

Well/Piezometer Development Record

Client: SHAW Site Location: MOFFETT

Project No: 1087 Date: Developer: JUAN F.

WELL/PIEZOMETER DATA

Well [X] Piezometer [ ] Diameter Material

Measuring Point Description: TOP OF CASING

Geology at Screen Interval (if known)

Depth to Top of Screen (ft.) |

Depth to Bottom of Screen (ft.) |

Time of Water Level Measurement: 7:45

Total Well Depth (ft.): 50.33 |

Calculate Purge Volume (gal.)

Depth to Static Water Level (ft.): 4.31 |
Pre-development Post-development

80% Recovery (DTW)

Wellhead PID/FID

Original Well Development [X] Redevelopment [ ]

Well under +/- pressure @opening

DEVELOPMENT METHOD SURGE **PURGE METHOD** PUMP

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	ORP Other
8:30	START	21.1	8.6	.098	—	7.2	Brown	NO	110
8:45	15 Gallons	20.1	8.3	.096	9.29	6.5	Brown	NO	67
9:00	14	19.7	8.3	.096	3.14	6.8	Cloudy	NO	53
9:15	14	20.9	9.9	.099	[illegible]	7.3	Cloudy	NO	61
9:30	14	21.6	8.5	.097	366	7.6	Cloudy	NO	65
9:45	14	20.7	8.3	.095	220	6.5	Cloudy	NO	78
10:00	14	20.7	8.3	.095	255	7.1	Cloudy	NO	80
10:15	14	21.1	8.9	.094	175	7.1	Cloudy	NO	84
10:30	14	21.6	8.9	.096	124	6.5	Cloudy	NO	87
10:45	14	22.8	8.3	.094	85	7.4	Cloudy	NO	65
11:00	14	22.4	8.5	.095	92.7	7.4	Cloudy	NO	51

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	[ ]	[ ]	[ ]
Has required turbidity been reached	[ ]	[ ]	[ ]
Have parameters stabilized	[ ]	[ ]	[ ]

If no or N/A explain below:

Signature Juan M Franco Date: 6-29-10

Well/Piez. ID: 280W-11

Page 2

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett

Project No: 1087 Date: Developer: Juan Franco

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter 2" Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 7:45

Total Well Depth (ft.): 50.33 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 4.31 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD Surge1 **PURGE METHOD** pump

Field Testing Equipment Used:

Make	Model	Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Cloudy Color	Odor	Other
11:15	14	21.2	8.6	.094	95.8	7.9	[redacted]	NO	73

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature: Juan M Franco Date: 6-29-10

Well/Piez. ID: 280W-12

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett Field

Project No: 1097 Date: Developer: Juan Franco

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter 2" Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 11:55

Total Well Depth (ft.): 63.9 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 3.9 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD Surge **PURGE METHOD** pump

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV)

TLR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
12:10	Start	21.2	9.0	98.1		7.8	[illegible]	No	154
12:25	15	20.5	8.4	.096	737	7.7	Cloudy	No	141
12:40	30	20.5	8.4	.092	639	7.6	Cloudy	No	127
12:55	45	20.4	8.4	.090	430	9.5	Cloudy	No	140
1:10	60	20.1	8.5	.090	163	6.7	Cloudy	No	126
1:25	75	20.4	8.3	.090	163	7.8	Cloudy	No	119
1:40	90	20.7	8.4	.090	101.7	7.9	Cloudy	No	122
1:55	105	20.5	8.2	.090	194	6.4	Cloudy	No	125
2:10	120	22.2	8.5	.091	348	7.6	Cloudy	No	108
2:25	130	22.2	8.5	99.9	427	6.5	Cloudy	No	143
2:40	140	23.1	8.5	.09[illegible]	38.4	7.1	Cloudy	No	136
2:45	150	20.9	8.3	99.5	14.2	7.2	clear	No	158

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature Juan Franco Date: 6-30-10

Well/Piez. ID: 2TOW-13

Well/Piezometer Development Record

Client: SHAW

Site Location: Moffet Air Base

Project No: 1087

Date:

Developer: Chris Garner

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐

Diameter

Material

Measuring Point Description: Top of Casing

Geology at Screen Interval (if known)

Depth to Top of Screen (ft.)

Depth to Bottom of Screen (ft.)

Time of Water Level Measurement

Total Well Depth (ft.): 18.45

Calculate Purge Volume (gal.)

Depth to Static Water Level (ft.): 9.55

Pre-development | Post-development

80% Recovery (DTW)

Wellhead PID/FID

Original Well Development ☒ Redevelopment ☐

Well under +/- pressure @opening

DEVELOPMENT METHOD: Surge

PURGE METHOD: Pump Bail

Field Testing Equipment Used: Make | Model | Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	18.6 T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
9:10	Start	~~[illegible]~~	8.1	.257	—	9.0	Brown	NO	SS
9:20	39	N/A	N/A	N/A	180	N/A	NA	NA	N/A
Dewatered.			~~[illegible]~~	~~[illegible]~~					
9:40	59	18.9	8.3	.151	138	9.2			SS

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) ____ gallons

Maximum Turbidity Allowed ____ NTUs

Stabilization of parameters ____ %

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature: [signature]

Date: 6-29-10

Well/Piez. ID: 280W-14

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett Air Base

Project No: 1087 Date: Developer: Chris Garver

WELL/PIEZOMETER DATA

Well ☐ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing

Depth to Top of Screen (ft.)

Depth to Bottom of Screen (ft.)

Total Well Depth (ft.): 32.5

Depth to Static Water Level (ft.): 5.12 (Pre-development) | (Post-development)

Geology at Screen Interval (if known)

Time of Water Level Measurement: 8:25

Calculate Purge Volume (gal.)

80% Recovery (DTW)

Wellhead PID/FID

Original Well Development ☐ Redevelopment ☐ Well under +/- pressure @opening

DEVELOPMENT METHOD **PURGE METHOD**

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) TLR 06/30/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
8:30	START	19.2	12.4	.224	—	9.7	DARK B.	NO	-19
8:45	15	19.6	9.22	.095	180	7.8	Cloudy	NO	63
9:00	30	20.4	9.3	.107	72.7	9.7	Clear	NO	89
9:15	45	20.1	9.2	.119	27.5	9.0	Clear	NO	96
9:30	60	19.2	9.1	.123	3.70	9.0	Clear	NO	52
9:45	75	19.2	9.1	.121	3.6	9.0	Clear	NO	46

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (3 well volumes) _____ gallons

Maximum Turbidity Allowed 5 NTUs

Stabilization of parameters 10 %

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☒	☐	☐
Have parameters stabilized	☒	☐	☐

If no or N/A explain below:

Signature _____ Date: 6-30-10

Well/Piez. ID: 280W-15

Well/Piezometer Development Record

Client: Shaw

Site Location: Moffett Air Base

Project No: 1087 Date:

Developer: Chris Garver

WELL/PIEZOMETER DATA

Well ☐ Piezometer ☐ Diameter Material

Measuring Point Description

Depth to Top of Screen (ft.)

Depth to Bottom of Screen (ft.)

Total Well Depth (ft.) 18.34 | ~~18~~

Depth to Static Water Level (ft.) 10.7 | 16.7

Pre-development | Post-development

Geology at Screen Interval (if known)

Time of Water Level Measurement 1:50

Calculate Purge Volume (gal.)

80% Recovery (DTW)

Wellhead PID/FID

Well under +/- pressure @opening

Original Well Development ☐ Redevelopment ☐

DEVELOPMENT METHOD Surge

PURGE METHOD Bail

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # Page #

ORP (mV)

TLR 06/28/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
2:00	2 g.	20.5	8.6	.285	441	8.7	L Brown	NO	146
	3 g	20.5	8.7	.272	324	9.4	—	—	143

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature

Date: 6-28-10

Well/Piez. ID: 280W-14

Well/Piezometer Development Record

Page 1

Client: Shaw Site Location: Moffett Air Base

Project No: 1087 Date: Developer: C. Clarwen

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing

Depth to Top of Screen (ft.)

Depth to Bottom of Screen (ft.)

Total Well Depth (ft.): 31.91

Depth to Static Water Level (ft.): 5.55 (Pre-development) | (Post-development)

Geology at Screen Interval (if known)

Time of Water Level Measurement: 2:30

Calculate Purge Volume (gal.)

80% Recovery (DTW)

Wellhead PID/FID

Original Well Development ☒ Redevelopment ☐

Well under +/- pressure @opening

DEVELOPMENT METHOD **PURGE METHOD**

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
3:00	start	20.3	8.1	.157	~~.157~~	6.2	—	—	162
3:10	10g	20.3	7.7	.147	579	5.1			145
3:20	20g	20.3	7.7	.144	396	4.9			135
3:30	30g	20.5	7.7	.144	207	4.7			119
3:45	45g	20.3	7.7	.147	150	4.6			106
4:00	60g	20.3	7.7	.142	128	4.4			87
4:10	70g	20.4	7.7	.141	51.4	4.4			69
4:20	80g	20.5	7.7	.142	74.4	4.3			63
4:35	90g	20.3	7.7	.143	79.5	4.2			55
4:50	100g	20.3	7.7	.141	69.4	4.1			47
5:00	110g	20.5	7.7	.141	68.8	4.1			43

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____%

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature: C. Clarwen Date: 6/28/10

Well/Piez. ID: 280W-16

Page 2

Well/Piezometer Development Record

Client: Shaw

Site Location: Moffett Air Base

Project No: 1087

Date:

Developer: Christopher [illegible]

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐

	Diameter	Material
Measuring Point Description		
Depth to Top of Screen (ft.)		
Depth to Bottom of Screen (ft.)		
Total Well Depth (ft.)		
Depth to Static Water Level (ft.)	Pre-development / Post-development	

Geology at Screen Interval (if known)

Time of Water Level Measurement

Calculate Purge Volume (gal.)

80% Recovery (DTW)

Wellhead PID/FID

Original Well Development ☒ Redevelopment ☐

Well under +/- pressure @opening

DEVELOPMENT METHOD

PURGE METHOD

Field Testing Equipment Used:

Make	Model	Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
5:15	120 g	20.3	7.7	.140	77.7	4.0	—	—	~~20~~ 36
5:30	130 g	20.3	7.7	.140	55.8	3.9			33

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____%

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature [signature]

Date: 6-28-10

Well/Piez. ID: 280W-17

Well/Piezometer Development Record

Client: SHAW Site Location: Moffett Air Base

Project No: 1089 Date: Developer: Chris Gaker

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: TOP OF CASING Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 8:05

Total Well Depth (ft.): 18.52 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 6.12 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD: Surge **PURGE METHOD**: 2" Pump.

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

ORP (mV) TR 06/28/10

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
8:40	Start	19.7	8.8	.297	—	8.3	Cloudy	NO	76
8:55	Dry 4g.	—	—	—	—	—	—	—	—
9:50	4g.	20.7	8.6	.224	70.8	9.9	—	—	78
9:57	4.5g	21.3	8.4	.212	29.3	8.4	—	—	77
9:55	5.5g	20.6	8.3	.204	17.3	10.1	—	—	79

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (3 well volumes) _____ gallons

Maximum Turbidity Allowed 5.0 NTUs

Stabilization of parameters 10 %

	Yes	No	N/A
Has required volume been removed	☐	☑	☐
Has required turbidity been reached	☐	☑	☐
Have parameters stabilized	☐	☑	☐

If no or N/A explain below: Resuspending

Signature: [signature] Date: 6-28-10

Well/Piez. ID: 280W-18

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett Air Field

Project No: 1557 Date: Developer: Chris G.

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 10:05

Total Well Depth (ft.): 30.1 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 4.68 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD Surge **PURGE METHOD** Pump.

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other (ORP (mV))
10:25	Start	20.4	8.5	.189	—	8.5	Brown	NO	90
10:40	20	20.4	7.7	.145	666	5.6			91
10:50	20	20.4	7.6	.144	396	5.4			88
11:00	30	20.5	7.7	.143	154	5.4			91
11:15	45	20.5	7.6	.144	—	5.4			90
11:30	55	20.5	7.6	.142	181	5.1			77
11:45	70	20.6	7.7	.142	135	5.0			66
12:00	85	20.6	7.7	.142	154	4.9			58
12:15	100	20.6	7.7	.141	78.2	4.8			55
12:30	115	20.7	7.7	.141	88.8	4.7			53
12:44	130	20.7	7.7	.141	121	4.6			48
1:00	145	20.6	7.7	.141	99	4.6			46

ORP (mV) TLR 06/28/1

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (3 well volumes) _____ gallons

Maximum Turbidity Allowed 5.0 NTUs

Stabilization of parameters 10 %

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A explain below: Kept getting Dirty

Signature _____ Date: 6-28-10

Well/Piez. ID: 280W-19

Well/Piezometer Development Record

Client: SHAW Site Location: Moffett

Project No: 1087 Date: Developer: Chris Garner

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing

Depth to Top of Screen (ft.)

Depth to Bottom of Screen (ft.)

Total Well Depth (ft.): 40.45

Depth to Static Water Level (ft.): 5.22 (Pre-development) | 5.2 (Post-development)

Geology at Screen Interval (if known)

Time of Water Level Measurement: 8:00

Calculate Purge Volume (gal.)

80% Recovery (DTW)

Wellhead PID/FID

Original Well Development ☒ Redevelopment ☐

Well under +/- pressure @opening

DEVELOPMENT METHOD Surge / Bail **PURGE METHOD** Pump 2"

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
8:25	START	20.1	6.8	.155	—	5.3	Brown	NO	186
8:35	10g	20.2	7.2	.135	415	4.2	Cloudy	NO	170
8:44	20g	20.2	7.2	.138	207.	4.2	Cloudy	NO	158
8:55	30g	20.2	7.7	.135	37.9	4.2	Cloudy	NO	128
9:05	40g	20.2	7.7	.133	12.0	4.2	—	NO	108
9:15	45g	20.2	7.7	.133	6.4	4.7	—	NO	87
9:25	50g.	20.2	7.7.	.132	4.8	4.2	—	NO	65

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (3 well volumes) _____ gallons

Maximum Turbidity Allowed 5 NTUs

Stabilization of parameters 10 %

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☒	☐	☐
Have parameters stabilized	☒	☐	☐

If no or N/A explain below:

Signature [signature] Date: 6-25-10

Well/Piez. ID: 250W-20

Well/Piezometer Development Record

Page 1

Client: Shaw Site Location: Moffett Air Base

Project No: 1087 Date: Developer: Chris Garver

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.): Time of Water Level Measurement: 9:40

Total Well Depth (ft.): 68.03 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 4.77 (Pre-development) | 5.00 (Post-development) 80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD: Surge **PURGE METHOD**: Pump 2

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
10:05	Start	20.3	8.0	.112	—	4.9	Brown	NO	97
10:20	20g	20.2	7.9	.107	504	4.8	Cloudy	NO	115
10:35	30g	20.2	7.8	.104	191	4.4	Cloudy	NO	94
10:50	45g	20.3	7.9	.103	117	4.3	Clear	NO	73
11:00	55g	20.2	7.9	.102	105	4.2	Clear	NO	37
11:10	65g	20.2	7.9	.103	86.8	4.2	Clear	NO	30
11:26	75g	20.2	8.0	.104	94	4.4	Clear	NO	21
11:36	80g	20.6	8.0	.102	80.9	4.1			3
11:50	95g	20.2	8.0	.101	70.1	4.2			5
12:00	100g	20.2	8.0	.101	23.2	4.0			-6
12:15	110g	20.2	8.0	.102	70.7	4.0			-10

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (3 well volumes) _____ gallons

Maximum Turbidity Allowed 5 NTUs

Stabilization of parameters 10 %

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A explain below:

Signature: [signature] Date: 6-25-10

Well/Piez. ID: 280W-20
Pg 2

Well/Piezometer Development Record

Client: _____ Site Location: _____

Project No: _____ Date: _____ Developer: _____

WELL/PIEZOMETER DATA

Well ☐ Piezometer ☐ Diameter Material

Measuring Point Description _____ | _____ Geology at Screen Interval (if known) _____

Depth to Top of Screen (ft.) _____ | _____

Depth to Bottom of Screen (ft.) _____ | _____ Time of Water Level Measurement _____

Total Well Depth (ft.) _____ | _____ Calculate Purge Volume (gal.)

Depth to Static Water Level (ft.) _____ | _____ 80% Recovery (DTW) _____

Pre-development Post-development

Wellhead PID/FID _____

Original Well Development ☐ Redevelopment ☐ Well under +/- pressure @opening _____

DEVELOPMENT METHOD _____ **PURGE METHOD** _____

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
1230	115 g	20.3	8.0	.100	59.0	3.9			-12
1245	120 g	20.3	8.0	.101	42.8	3.9			-15
1255	125 g	20.3	8.0	.100	34.0	3.9			-19

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons
Maximum Turbidity Allowed _____ NTUs
Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature _____ Date: 6-25-10

Well/Piez. ID: 28OW-21

Well/Piezometer Development Record

Client: Shaw Site Location: Moffett Air Base

Project No: 1887 Date: Developer: Christopher Carter

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing

Geology at Screen Interval (if known):

Depth to Top of Screen (ft.):

Depth to Bottom of Screen (ft.):

Time of Water Level Measurement:

Total Well Depth (ft.): 40.6

Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 6.0 (Pre-development) | 6.5 (Post-development)

80% Recovery (DTW):

Wellhead PID/FID:

Original Well Development ☒ Redevelopment ☐

Well under +/- pressure @opening:

DEVELOPMENT METHOD: **PURGE METHOD**:

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
2:10	Start	20.5	8.2	.157	—	4.8	Brown	NO	99
2:20	10 gal	20.4	7.8	.142	340	4.3	Cloudy	NO	90
2:30	20 gal	20.4	7.8	.139	68.6	4.1	Cloudy	NO	37
2:40	30 gal	20.5	7.8	.139	7.3	4.0	Clear	NO	16
2:45	35 gal	20.4	7.8	.138	4.7	4.1	Clear	NO	14

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (3 well volumes) _____ gallons

Maximum Turbidity Allowed 5 NTUs

Stabilization of parameters 10 %

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☒	☐	☐
Have parameters stabilized	☒	☐	☐

If no or N/A explain below:

Signature [signature] Date: 6-25-10

Well/Piez. ID: RBOW-22

Well/Piezometer Development Record

Client: Shaw Site Location: Moffet Airfield

Project No: 1087 Date: Developer: C GARVER

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known)

Depth to Top of Screen (ft.)

Depth to Bottom of Screen (ft.) Time of Water Level Measurement 16:00

Total Well Depth (ft.) 62.62 Calculate Purge Volume (gal.)

Depth to Static Water Level (ft.) 6.5 (Pre-development) | (Post-development) 80% Recovery (DTW)

Wellhead PID/FID

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening

DEVELOPMENT METHOD **PURGE METHOD**

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
12:00	START	22.6	8.40	.112	—	8.7	Brown	NO	69
12:15	15	23.1	8.4	.111	556	8.7	Cloudy	NO	77
12:30	30	23.1	8.4	.108	275	8.7	Cloudy	NO	28
12:45	40	23.9	8.4	.112	132	7.9	Cloudy	NO	67
1:00	50	23.1	8.4	.113	231	8.4	Cloudy	NO	77
1:15	65	22.9	8.4	.107	151	8.2	Cloudy	NO	77
1:30	80	23.1	8.4	.109	186	8.3	Cloudy	NO	73
1:45	95	23.3	8.4	.110	136	8.5	Cloudy	NO	80
2:00	110	22.5	8.5	.106	104	8.6	Cloudy	NO	95
2:15	125	21.7	8.4	.107	133	8.3	Cloudy	NO	117
					210				

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____%

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature _____ Date: 6-29-10

Well/Piez. ID: 280W-23

Well/Piezometer Development Record

Client: Shaw Site Location: Moffet Air Base

Project No: 133816 Date: Developer: C. Garver

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: Top of Casing Geology at Screen Interval (if known):

Depth to Top of Screen (ft.): 35

Depth to Bottom of Screen (ft.): 40 Time of Water Level Measurement: 1300

Total Well Depth (ft.): 40.03 Calculate Purge Volume (gal.):

Depth to Static Water Level (ft.): 6.50 (Pre-development) | (Post-development) 80% Recovery (DTW):

Wellhead PID/FID: 839 ppm

Original Well Development ☒ Redevelopment ☐ Well under +/- pressure @opening:

DEVELOPMENT METHOD **PURGE METHOD**

Field Testing Equipment Used:

Make	Model	Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
1:25	start	20.5	8.4	.146	N/A	5.4	Brown	No	116
1:35	10g.	20.5	8.0	.109	N/A	4.6	LBrown	NO	97
1:45	20g	20.4	7.8	.108	126	4.3	LBrown	NO	78
1:55	30g	20.4	7.8	.116	179	4.3	Cloudy	NO	-76
2:05	40g	20.4	7.8	.117	145	4.3	Cl	NO	-101
2:15	50g	20.3	7.8	.117	122	4.2	Cl.	NO	-109
2:25	60g	20.4	7.8	.118	78.7	4.2	Cl	NO	-112
2:35	70g	20.4	7.8	.117	72.3	4.2	Clear	NO	-119
2:45	80g	20.4	7.9	.117	4.27	4.2	Clear	NO	-118

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (3 well volumes) _____ gallons

Maximum Turbidity Allowed 50 NTUs

Stabilization of parameters 10%

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☒	☐	☐
Have parameters stabilized	☒	☐	☐

If no or N/A explain below:

Signature _____ Date: 6-24-10

Well/Piez. ID: 280W-~~PZ~~ 24

Page 1

Well/Piezometer Development Record

Client: SHAW

Site Location: MOFFET AIR BASE

Project No: 133815

Date:

Developer: CHRIS BARKER

WELL/PIEZOMETER DATA

Well ☒ Piezometer ☐ Diameter Material

Measuring Point Description: TOP OF CASING

Depth to Top of Screen (ft.): 52

Depth to Bottom of Screen (ft.): 62

Total Well Depth (ft.): 61.62 | 61.17

Depth to Static Water Level (ft.): 6.45 (Pre-development) | (Post-development)

Geology at Screen Interval (if known):

Time of Water Level Measurement: 8:30

Calculate Purge Volume (gal.):

80% Recovery (DTW):

Wellhead PID/FID: 24.3 ppm

Original Well Development ☒ Redevelopment ☐

Well under +/- pressure @opening:

DEVELOPMENT METHOD: SURGE / BAIL

PURGE METHOD: 2" PUMP

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	ORP ~~Other~~
9:20	START	20.0	9.4	0.151	N/A	6.8	BROWN	NO	71
9:30	10g.	20.0	7.8	.128	N/A	4.5	/ BROWN	NO	59
9:42	22g	19.9	7.6	.117	520	4.5	CLOUDY		90
9:50	30g	20	7.6	.114	640	4.4			3
10:00	40g	20	7.6	.114	680	4.3			-4
10:10	50g	20	7.7	.114	520	4.3			-11
10:20	60g	20	7.7	.114	370	4.3			-13
10:30	70g	20	7.7	.113	340	4.3			-14
10:40	80g	20	7.7	.115	120	4.8			31
10:50	90g	20	7.7	.112	99	4.7			-1
11:00	100	20	7.7	.113	100	4.3			-5

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (3 CASING well-volumes) 30 gallons

Maximum Turbidity Allowed 5 NTUs

Stabilization of parameters 10 %

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☒	☐	☐
Have parameters stabilized	☒	☐	☐

If no or N/A explain below:

Signature: [signature]

Date: 6-24-10

Well/Piez. ID: 28OW-24

Page 2

Well/Piezometer Development Record

Client: _____ Site Location: _____

Project No: _____ Date: Developer: _____

WELL/PIEZOMETER DATA

Well ☐ Piezometer ☐ Diameter Material

Measuring Point Description _____ | _____ Geology at Screen Interval (if known) _____

Depth to Top of Screen (ft.) _____ | _____

Depth to Bottom of Screen (ft.) _____ | _____ Time of Water Level Measurement _____

Total Well Depth (ft.) _____ | _____ Calculate Purge Volume (gal.)

Depth to Static Water Level (ft.) _____ | _____ 80% Recovery (DTW) _____

Pre-development | Post-development

Wellhead PID/FID _____

Original Well Development ☐ Redevelopment ☐ Well under +/- pressure @opening _____

DEVELOPMENT METHOD _____ **PURGE METHOD** _____

Field Testing Equipment Used: Make Model Serial Number

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	ORP Other
11:40	116 g	20.0	7.8	.116	470	5.3			88
11:54	125 g	20.0	7.7	.114	184	4.4			68
12:05	130 g	20.0	7.7	.114	112	4.4			54
12:15	145 g	20	7.7	.113	429	4.3			35
12:30	150	20	7.7	.113	20.2	4.4			36
12:40	155	20	7.7	.113	6.5	4.8			34.

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) _____ gallons

Maximum Turbidity Allowed _____ NTUs

Stabilization of parameters _____ %

	Yes	No	N/A
Has required volume been removed	☐	☐	☐
Has required turbidity been reached	☐	☐	☐
Have parameters stabilized	☐	☐	☐

If no or N/A explain below:

Signature _____ Date: 6-24-10

Well/Piez. ID: MW-7B

Well/Piezometer Development Record

Client: Shaw

Site Location: Moffett Field - Mountain View, CA

Project No: 1150

Date: 7-20-10

Developer: Tony James - a. aerogo

WELL/PIEZOMETER DATA

Well ☑ Piezometer ☐

		Diameter	
Measuring Point Description	Top of casing	11	
Depth to Top of Screen (ft.)	22'-4"	22'-4"	
Depth to Bottom of Screen (ft.)	32'-4"	32'-4"	
Total Well Depth (ft.)	32'-4"	32'-4"	
Depth to Static Water Level (ft.)	5'7" (Pre-development)	7' (Post-development)	

Material

Geology at Screen Interval (if known)

Time of Water Level Measurement 7 40 AM

Calculate Purge Volume (gal.)

80% Recovery (DTW) Yes

Wellhead PID/FID

Well under +/- pressure @opening NO

Original Well Development ☑ Redevelopment ☐

DEVELOPMENT METHOD Surge-Bail

PURGE METHOD Pump

Field Testing Equipment Used:

Make	Model	Serial Number
Horiba	U-22	T0042008

Field Testing Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	Turbidity (NTUs)	DO	Color	Odor	Other
7:46 am	8 gal	18.99	[illegible]	1.79	999.0	8.68	Brown	no	
8:00	13 gal	19.52	7.12	1.35	999.0	13.36			
8:15 am		18.77	7.02	1.60	9.25	11.06			
8:25		18.71	7.01	1.60	999.0	11.06			
8:35	40 gal				427.0				
8:42	55 gal	18.98	7.08	1.45	491.0	13.07	foggy [illegible]		
9:00	65 gal	18.91	7.11	1.31	348.0	11.72	clearing		
9:16	110 gal	19.15	7.13	1.32	69.9	11.55			
9:25		19.05	7.08	1.26	33.0	12.52			
9:35 am		19.36	7.09	1.30	16.0	12.50	clear	NO	
10:00 am	180 gal	19.08	7.05	1.40	8.2	7.65	clear	NO	

ACCEPTANCE CRITERIA (from workplan)

Min. Purge Volume (____ well volumes) 180 gallons

Maximum Turbidity Allowed 5 NTUs

Stabilization of parameters ____%

	Yes	No	N/A
Has required volume been removed	☑	☐	☐
Has required turbidity been reached	☑	☐	☐
Have parameters stabilized	☑	☐	☐

If no or N/A explain below:

Signature [signature]

Date: 7-20-10

Appendix E
As-Built Survey Report

HUNTER SURVEYING, INC.

P.O. Box 2455
Granite Bay, CA 95746
Phone: (916) 988-5600
Fax: (916) 740-2706

07 September 2010

Shaw Environmental & Infrastructure, Inc.
4005 Port Chicago Highway
Concord, CA 94520-1120

Attn: Timothy Ripp

Re: **Moffett Federal Airfield - Site IR28 - Monitoring Wells and Sample Locations**

The following locations were surveyed on 31 August 2010 by total-station survey methods from NASA ARC control points.

	CCS83 Zn3 Coords (2000.35 Epoch Date)		CCS27 Zn3 Coords		*NAVD88 Elevations*		
PT ID	***NORTH***	***EAST***	***NORTH***	***EAST***	***CASING***	***RIM***	***GRND***
Monitoring Wells							
W9-42	1975932.7	6110468.7	335523.7	1549103.8	19.07	20.36	20.4
W9-29	1975927.3	6110473.2	335518.4	1549108.3	19.09	20.32	20.3
W9-18	1975914.2	6110255.2	335505.2	1548890.3	20.54	21.66	21.7
28OW-01	1975947.0	6110435.6	335538.1	1549070.6	20.33	20.52	20.4
28OW-02	1975944.5	6110436.1	335535.6	1549071.1	20.27	20.44	20.4
28OW-03	1975945.9	6110432.6	335537.0	1549067.7	20.06	20.49	20.5
28OW-04	1975943.6	6110433.5	335534.6	1549068.6	20.32	20.52	20.5
28OW-05	1975918.6	6110444.7	335509.7	1549079.8	20.03	20.44	20.3
28OW-06	1975918.3	6110439.4	335509.3	1549074.4	19.79	20.46	20.4
28OW-07	1975918.5	6110442.0	335509.6	1549077.0	20.23	20.50	20.4
28OW-08	1975928.6	6110434.4	335519.6	1549069.4	19.91	20.56	20.5
28OW-09	1975824.1	6110435.5	335415.1	1549070.5	20.63	21.01	20.9
28OW-10	1975824.6	6110433.4	335415.6	1549068.4	20.76	20.96	20.9
28OW-11	1975825.1	6110431.4	335416.1	1549066.5	20.63	20.96	20.9
28OW-12	1975909.4	6110435.7	335500.5	1549070.7	20.06	20.44	20.4
28OW-13	1975936.1	6110248.7	335527.1	1548883.8	20.75	21.16	21.2
28OW-14	1975936.3	6110245.7	335527.3	1548880.8	20.67	21.10	21.1
28OW-15	1975911.4	6110246.3	335502.4	1548881.3	20.88	21.15	21.1
28OW-16	1975912.7	6110243.9	335503.8	1548879.0	20.82	21.24	21.2
28OW-17	1975893.8	6110250.4	335484.9	1548885.4	21.09	21.29	21.3
28OW-18	1975894.4	6110247.7	335485.5	1548882.7	21.09	21.39	21.4
28OW-19	1975768.2	6110197.9	335359.3	1548832.9	21.60	22.04	22.1
28OW-20	1975766.1	6110194.0	335357.2	1548829.0	21.80	22.09	22.1
28OW-21	1975725.1	6110189.4	335316.1	1548824.4	23.12	23.82	23.6
28OW-22	1975724.6	6110187.2	335315.6	1548822.3	23.57	23.85	23.7
28OW-23	1975685.7	6110176.1	335276.8	1548811.1	24.05	24.47	24.3
28OW-24	1975686.3	6110174.4	335277.4	1548809.5	24.10	24.43	24.3

Sample Locations

28EHC-01	1975916.7	6110248.9	335507.8	1548883.9	21.3
28EHC-02	1975906.2	6110240.0	335497.3	1548875.0	21.5
28EHC-03	1975914.9	6110260.4	335505.9	1548895.5	21.8
28EHC-04	1975903.7	6110250.1	335494.7	1548885.1	21.2
28EHC-04S	1975902.7	6110250.1	335493.7	1548885.1	21.2
28EVO-02	1975925.7	6110422.0	335516.8	1549057.0	19.7
28EVO-03	1975925.6	6110435.1	335516.6	1549070.2	20.1
28EVO-04	1975924.9	6110447.0	335516.0	1549082.0	20.3
28EVO-06	1975914.5	6110415.2	335505.5	1549050.2	20.3
28EVO-07	1975913.9	6110426.6	335505.0	1549061.6	20.1
28EVO-08	1975914.7	6110440.3	335505.8	1549075.4	20.3
28EVO-09	1975914.3	6110453.1	335505.3	1549088.1	20.2
28EVO-12	1975903.4	6110421.5	335494.5	1549056.6	20.3
28EVO-13	1975904.9	6110437.4	335495.9	1549072.4	20.4
28EVO-14	1975904.2	6110446.1	335495.2	1549081.1	20.3
28EVO-15	1975904.0	6110458.7	335495.0	1549093.8	20.0
28EVO-16	1975892.8	6110415.3	335483.9	1549050.3	20.4
28EVO-16S	1975892.0	6110415.6	335483.0	1549050.7	20.4
28EVO-17	1975892.6	6110427.9	335483.7	1549062.9	20.4
28EVO-18	1975895.3	6110441.5	335486.4	1549076.5	19.9
28EVO-19	1975892.9	6110452.8	335483.9	1549087.8	19.8
28LAC-01	1975733.0	6110175.8	335324.0	1548810.8	23.0
28LAC-02	1975735.6	6110185.4	335326.7	1548820.4	23.0
28LAC-03	1975723.5	6110169.8	335314.5	1548804.8	23.5
28LAC-04	1975723.2	6110185.6	335314.2	1548820.6	23.6
28LAC-05	1975724.6	6110196.3	335315.7	1548831.4	23.3
28LAC-06	1975705.2	6110168.3	335296.2	1548803.4	23.7
28LAC-07	1975709.2	6110181.3	335300.3	1548816.4	23.7
28LAC-08	1975712.7	6110195.1	335303.8	1548830.1	23.7
28LAC-09	1975696.2	6110177.6	335287.2	1548812.6	24.0
28LAC-10	1975699.0	6110191.2	335290.0	1548826.2	23.9

ARC Control Points

ARC-44	1975900.65	6110460.23	335491.70	1549095.27	19.95
ARC-47	1974849.73	6111040.10	334440.78	1549675.14	28.89
H-111	1976050.59	6110577.47	335641.64	1549212.51	20.15

Basis of Coordinates and Elevations:

NAD83 Horizontal US Survey Feet Coordinates, *CCS83 Zone 3* (epoch date: 2000.35), based on total-station surveys originating from NASA control stations ***ARC-44*** to ***ARC-47.***

NAD27 Horizontal US Survey Feet Coordinates, *CCS27 Zone 3*, translated from NAD83 values at station ***H-111***.

NAVD88 Vertical Feet Elevations, based on NGS Bench Mark ***H-111*** (elev = 20.51').

James L. White
LS 7722

PROFESSIONAL LAND SURVEYOR
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Exp. 03-31-11
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STATE OF CALIFORNIA

Appendix G
Injection Field Logs

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject lactate (WILCLEAR®) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 35 to 60 ft bgs at the Former Building 88 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-01	7/29/2010	3:08 PM	3:21 PM	Bottom up	**60-57.5**	100	190	5.5	~~83~~	68.5	Used 1.5" injection tool.
		3:26 PM	3:34 PM	Bottom up	**57.5-55**	80	190	10.2	~~83~~	68.5	
		3:37 PM	3:44 PM	Bottom up	**55-52.5**	85	192	13.2	~~83~~	68.5	
		3:45 PM	3:52 PM	Bottom up	**52.5-50**	110	188	13.4	~~83~~	68.5	
		3:555 PM	4:01 PM	Bottom up	**50-47.5**	60	178	13.7	~~83~~	68.5	
		4:02 PM	4:08 PM	Bottom up	**47.5-45**	62	135	16.6	~~83~~	68.5	
		4:11 PM	4:17 PM	Bottom up	**45-42.5**	65	123	17.1	~~83~~	68.5	
		4:17 PM	4:22 PM	Bottom up	**42.5-40**	50	50	17.0	~~83~~	68.5	Liquids observed surfacing from nearby hole ~2' from injection point.
	7/30/2010	7:30 AM	7:45 AM	Bottom up	**40-37.5**	31	40	5.0	~~83~~	68.5	Reduced the injection rate to minimize potential for surfacing.
		7:46 AM	8:00 AM	Bottom up	**37.5-35**	31	25	5.3	~~83~~	68.5	
								Total Volume Injected	~~830~~	685	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the lactate solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.825 to the erroneous totalizer data. The correction factor was calculated by 8,629 gallons lactate solution prepared, less 450 gallons of lactate solution remaining after all injections were completed that was removed from the solution mixing tank after completion = 8,179 gallons solution used. Total lactate solution used / total of Vironex totalizer values for lactate & SDC-9™ amendment injected = 8,179 gal/9,911 gal = 0.825.

Vironex Crewchief: Nick Ivanoff

INJECTION FIELD LOG

Project Name: IR Site 28 Treatability Study, Former NAS Moffett Field

Original Injection Scope of work: Inject lactate (WILCLEAR®) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 35 to 60 ft bgs at the Former Building 88 pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-02	7/28.2010	3:07 PM	3:27 PM	Bottom up	**60-57.5**	150	97	5.7	~~83~~	68.5	Switched to 1.5" injection tool because injection hose melted to 2.25" rod.
		3:27 PM	3:50 PM	Bottom up	**57.5-55**	100	72	5.1	~~83~~	68.5	Minimal amount of liquids surfacing from injection boring; reduce injection flow rate.
		3:53 PM	4:09 PM	Bottom up	**55-52.5**	100	92	5.0	~~83~~	68.5	
		4:12 PM	4:26 PM	Bottom up	**52.5-50**	100	92	6.0	~~83~~	68.5	
		4:29 PM	4:44 PM	Bottom up	**50-47.5**	110	90	6.0	~~83~~	68.5	Continue to observe liquids surfacing.
		7:40 AM	7:47 AM	Bottom up	**47.5-45**	180	170	9.9	~~83~~	68.5	
	7/29/2010	7:48 AM	7:55 AM	Bottom up	**45-42.5**	170	155	10.9	~~83~~	68.5	
		7:58 AM	8:06 AM	Bottom up	**42.5-40**	165	158	11.3	~~83~~	68.5	
		8:09 AM	8:16 AM	Bottom up	**40-37.5**	165	154	10.6	~~83~~	68.5	
		8:19 AM	8:25 AM	Bottom up	**37.5-35**	160	152	11.4	~~83~~	68.5	
								Total Volume Injected	~~830~~	685	

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Original Injection Scope of work:	Inject lactate (WILCLEAR®) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 35 to 60 ft bgs at the Former Building 88 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-03	7/30/2010	1:46 PM	2:02 PM	Bottom up	60-57.5	100	320	3.7	~~83~~	68.5	Pulled up to 56.5' bgs in order to get a constant flow.
		2:05 PM	2:20 PM	Bottom up	57.5-55	90	289	5.8	~~83~~	68.5	
		2:24 PM	2:33 PM	Bottom up	55-52.5	90	245	8.6	~~83~~	68.5	
		2:34 PM	2:41 PM	Bottom up	52.5-50	70	210	11.0	~~83~~	68.5	
		2:44 PM	2:51 PM	Bottom up	50-47.5	45	217	10.5	~~83~~	68.5	
		2:53 PM	3:00 PM	Bottom up	47.5-45	40	195	12.0	~~83~~	68.5	
		3:03 PM	3:09 PM	Bottom up	45-42.5	40	185	12.8	~~83~~	68.5	
		3:09 PM	3:16 PM	Bottom up	42.5-40	37	183	12.9	~~83~~	68.5	
		3:19 PM	3:26 PM	Bottom up	40-37.5	38	180	12.8	~~83~~	68.5	
		3:28 PM	3:35 PM	Bottom up	37.5-35	35	170	13.0	~~83~~	68.5	
								Total Volume Injected	~~830~~	685	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the lactate solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.825 to the erroneous totalizer data. The correction factor was calculated by 8,629 gallons lactate solution prepared, less 450 gallons of lactate solution remaining after all injections were completed that was removed from the solution mixing tank after completion = 8,179 gallons solution used. Total lactate solution used / total of Vironex totalizer values for lactate & SDC-9™ amendment injected = 8,179 gal/9,911 gal = 0.825.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject lactate (WILCLEAR®) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 35 to 60 ft bgs at the Former Building 88 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-04	8/2/2010	8:48 AM	8:56 AM	Bottom up	**60-57.5**	60	179	12.5	~~83~~	68.5	
		9:31 AM	9:41 AM	Bottom up	**57.5-55**	60	191	12.6	~~130~~	107.3	Increased dose per interval to makeup for surplus amendment due to inaccurate totalizer.
		9:45 AM	9:54 AM	Bottom up	**55-52.5**	58	142	16.0	~~130~~	107.3	
		9:54 AM	10:09 AM	Bottom up	**52.5-50**	55	132	16.2	~~130~~	107.3	Liquids surfacing from nearby monitoring well.
		10:10 AM	10:18 AM	Bottom up	**50-47.5**	53	128	16..6	~~130~~	107.3	
		10:21 AM	10:29 AM	Bottom up	**47.5-45**	50	120	16.6	~~130~~	107.3	
		10:29 AM	10:37 AM	Bottom up	**45-42.5**	50	120	16.4	~~130~~	107.3	
		10:40 AM	10:48 AM	Bottom up	**42.5-40**	48	116	16.6	~~130~~	107.3	
		10:49 AM	10:57 AM	Bottom up	**40-37.5**	45	118	16.5	~~130~~	107.3	
		11:01 AM	11:09 AM	Bottom up	**37.5-35**	40	107	16.9	~~130~~	107.3	
								Total Volume Injected	~~1253~~	1,034	

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Vironex Crewchief: Nick Ivanoff

INJECTION FIELD LOG

Project Name: IR Site 28 Treatability Study, Former NAS Moffett Field

Original Injection Scope of work: Inject lactate (WILCLEAR®) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 35 to 60 ft bgs at the Former Building 88 pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-05	7/30/2010	11:07 AM	11:14 AM	Bottom up	**60-57.5**	55	128	17.1	~~83~~	68.5	
		11:14 AM	11:19 AM	Bottom up	**57.5-55**	57	127	17.0	~~83~~	68.5	
		11:25 AM	11:30 AM	Bottom up	**55-52.5**	55	127	16.8	~~83~~	68.5	
		11:31 AM	11:36 AM	Bottom up	**52.5-50**	53	117	17.0	~~83~~	68.5	
		11:38 AM	11:43 AM	Bottom up	**50-47.5**	50	118	17.0	~~83~~	68.5	Liquids surfacing from injection point.
		11:45 AM	11:50 AM	Bottom up	**47.5-45**	52	124	16.7	~~83~~	68.5	
		12:03 PM	12:08 PM	Bottom up	**45-42.5**	48	122	16.9	~~83~~	68.5	
		12:09 PM	12:14 PM	Bottom up	**42.5-40**	45	116	17.2	~~83~~	68.5	
		12:17 PM	12:22 PM	Bottom up	**40-37.5**	41	112	17.4	~~83~~	68.5	
		12:23 PM	12:27 PM	Bottom up	**37.5-35**	40	109	17.5	~~83~~	68.5	
								Total Volume Injected	~~830~~	685	

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Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject lactate (WILCLEAR®) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 35 to 60 ft bgs at the Former Building 88 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-06	7/29/2010	9:12 AM	9:20 AM	Bottom up	**60-57.5**	150	98	14.9	~~83~~	68.5	
		9:20 AM	9:24 AM	Bottom up	**57.5-55**	100	82	15.8	~~83~~	68.5	
		9:24 AM	9:32 AM	Bottom up	**55-52.5**	100	90	16.6	~~83~~	68.5	
		9:35 AM	9:39 AM	Bottom up	**52.5-50**	100	94	18.2	~~83~~	68.5	
		9:40 AM	9:45 AM	Bottom up	**50-47.5**	90	90	18.0	~~83~~	68.5	
		9:46 AM	9:50 AM	Bottom up	**47.5-45**	90	94	18.2	~~83~~	68.5	
		9:51 AM	9:56 AM	Bottom up	**45-42.5**	89	90	18.3	~~83~~	68.5	
		9:56 AM	10:01 AM	Bottom up	**42.5-40**	90	93	18.2	~~83~~	68.5	
		10:09 AM	10:15 AM	Bottom up	**40-37.5**	95	105	17.6	~~83~~	68.5	
		10:17 AM	10:21 AM	Bottom up	**37.5-35**	96	102	17.1	~~83~~	68.5	
								Total Volume Injected	~~830~~	685	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the lactate solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.825 to the erroneous totalizer data. The correction factor was calculated by 8,629 gallons lactate solution prepared, less 450 gallons of lactate solution remaining after all injections were completed that was removed from the solution mixing tank after completion = 8,179 gallons solution used. Total lactate solution used / total of Vironex totalizer values for lactate & SDC-9™ amendment injected = 8,179 gal/9,911 gal = 0.825.

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INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-07	8/2/2010	1:10 PM	1:24 PM	Bottom up	**60-57.5**	47	167	15.5	~~210~~	173.3	Increased dose per interval in order to use the surplus amendment due to inaccurate totalizer.
		1:25 PM	1:38 PM	Bottom up	**57.5-55**	55	157	15.4	~~200~~	165.0	
		1:38 PM	1:52 PM	Bottom up	**55-52.5**	51	148	15.6	~~200~~	165.0	
		1:56 PM	2:08 PM	Bottom up	**52.5-50**	50	156	14.7	~~180~~	148.5	
		2:09 PM	2:20 PM	Bottom up	**50-47.5**	48	136	16.4	~~180~~	148.5	
		2:25 PM	2:38 PM	Bottom up	**47.5-45**	40	119	16.7	~~210~~	173.3	
		2:39 PM	2:52 PM	Bottom up	**45-42.5**	40	108	16.6	~~210~~	173.3	
		2:58 PM	3:07 PM	Bottom up	**42.5-40**	38	115	17.0	~~140~~	115.5	
		3:08 PM	3:16 PM	Bottom up	**40-37.5**	37	111	17.1	~~140~~	115.5	
		3:18 PM	3:39 PM	Bottom up	**37.5-35**	35	111	17.4	~~348~~	287.1	
								Total Volume Injected	~~2018~~	1,665	

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INJECTION FIELD LOG

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Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-08	7/29/2010	11:37 PM	11:48 AM	Bottom up	**60-57.5**	110	150	9.4	~~83~~	68.5	Used 1.5" injection tool.
		11:51 AM	12:01 PM	Bottom up	**57.5-55**	170	180	9.7	~~83~~	68.5	
		12:02 PM	12:11 PM	Bottom up	**55-52.5**	175	182	9.1	~~83~~	68.5	
		12:15 PM	12:25 PM	Bottom up	**52.5-50**	170	185	7.5	~~83~~	68.5	
		12:26 PM	12:33 PM	Bottom up	**50-47.5**	150	175	11.0	~~83~~	68.5	
		12:36 PM	12:43 PM	Bottom up	**47.5-45**	120	167	12.0	~~83~~	68.5	
		12:43 PM	12:49 PM	Bottom up	**45-42.5**	110	165	14.3	~~83~~	68.5	
		12:53 PM	12:59 PM	Bottom up	**42.5-40**	85	170	13.9	~~83~~	68.5	
		12:59 PM	1:06 PM	Bottom up	**40-37.5**	75	170	13.4	~~83~~	68.5	
		1:06 PM	1:13 PM	Bottom up	**37.5-35**	70	167	14.1	~~83~~	68.5	
								Total Volume Injected	~~830~~	685	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the lactate solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.825 to the erroneous totalizer data. The correction factor was calculated by 8,629 gallons lactate solution prepared, less 450 gallons of lactate solution remaining after all injections were completed that was removed from the solution mixing tank after completion = 8,179 gallons solution used. Total lactate solution used / total of Vironex totalizer values for lactate & SDC-9™ amendment injected = 8,179 gal/9,911 gal = 0.825.

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INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-09	7/30/2010	9:03 AM	9:13 AM	Bottom up	**60-57.5**	40	168	15.3	~~83~~	68.5	
		9:14 AM	9:21 AM	Bottom up	**57.5-55**	45	140	16.4	~~83~~	68.5	
		9:23 AM	9:29 AM	Bottom up	**55-52.5**	40	136	16.4	~~83~~	68.5	
		9:32 AM	9:37 AM	Bottom up	**52.5-50**	50	155	14.7	~~83~~	68.5	
		9:39 AM	9:44 AM	Bottom up	**50-47.5**	48	147	15.0	~~83~~	68.5	
		9:48 AM	9:52 AM	Bottom up	**47.5-45**	45	130	16.4	~~83~~	68.5	
		9:53 AM	9:59 AM	Bottom up	**45-42.5**	42	146	16.3	~~83~~	68.5	
		10:04 AM	10:10 AM	Bottom up	**42.5-40**	45	122	16.5	~~83~~	68.5	
		10:11 AM	10:16 AM	Bottom up	**40-37.5**	40	117	16.8	~~83~~	68.5	
		10:18 AM	10:24 AM	Bottom up	**37.5-35**	38	118	16.8	~~83~~	68.5	
								Total Volume Injected	~~830~~	685	

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Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28 LAC-10	7/28/2010	11:11 AM	11:18 AM	Bottom Up	**60-57.5**	150	90	14.2	~~83~~	68.5	Using 2.5' by 2.25" injection tool, strung through.
		11:18 AM	11:24 AM	Bottom Up	**57.5-55**	80	75	15.6	~~83~~	68.5	
		11:24 AM	11:29 AM	Bottom Up	**55-52.5**	95	90	18.5	~~83~~	68.5	
		11:31 AM	11:35 AM	Bottom Up	**52.5-50**	90	86	18.6	~~83~~	68.5	
		11:36 AM	11:40 AM	Bottom Up	**50-47.5**	90	85	18.0	~~83~~	68.5	
		11:41 AM	11:46 AM	Bottom Up	**47.5-45**	100	85	18.0	~~83~~	68.5	
		11:48 AM	11:52 AM	Bottom Up	**45-42.5**	90	83	18.3	~~83~~	68.5	
		11:52 AM	11:57 AM	Bottom Up	**42.5-40**	85	82	18.2	~~83~~	68.5	
		11:58 AM	12:03 PM	Bottom Up	**40-37.5**	85	83	18.1	~~83~~	68.5	
		12:04 PM	12:08 PM	Bottom Up	**37.5-35**	80	78	18.2	~~83~~	68.5	
								Total Volume Injected	~~830~~	685	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the lactate solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.825 to the erroneous totalizer data. The correction factor was calculated by 8,629 gallons lactate solution prepared, less 450 gallons of lactate solution remaining after all injections were completed that was removed from the solution mixing tank after completion = 8,179 gallons solution used. Total lactate solution used / total of Vironex totalizer values for lactate & SDC-9™ amendment injected = 8,179 gal/9,911 gal = 0.825.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field

INJECTION FIELD LOG

Original Injection Scope of work:	Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-02	8/5/2010	12:17 PM	12:26 PM	Bottom up	**65-62.5**	90	217	12.2	~~87~~	78.7	
		12:27 PM	12:33 PM	Bottom up	**62.5-60**	89	200	12.8	~~87~~	78.7	
		12:39 PM	12:45 PM	Bottom up	**60-57.5**	72	143	15.9	~~87~~	78.7	
		12:46 PM	12:51 PM	Bottom up	**57.5-55**	70	138	16.0	~~87~~	78.7	
		12:52 PM	12:58 PM	Bottom up	**55-52.5**	68	135	16.0	~~87~~	78.7	
		1:00 PM	1:05 PM	Bottom up	**52.5-50**	68	135	15.3	~~87~~	78.7	
		1:08 PM	1:14 PM	Bottom up	**50-47.5**	64	130	15.5	~~87~~	78.7	
		1:15 PM	1:21 PM	Bottom up	**47.5-45**	64	128	15.7	~~87~~	78.7	
		1:22 PM	1:28 PM	Bottom up	**45-42.5**	64	127	15.8	~~87~~	78.7	
		1:31 PM	1:37 PM	Bottom up	**42.5-40**	62	123	16.0	~~87~~	78.7	
		1:37 PM	1:43 PM	Bottom up	**40-37.5**	62	123	15.9	~~87~~	78.7	
		1:44 PM	1:50 PM	Bottom up	**37.5-35**	61	122	16.0	~~87~~	78.7	
		1:52 PM	1:57 PM	Bottom up	**35-32.5**	57	115	15.8	~~87~~	78.7	
		1:58 PM	2:04 PM	Bottom up	**32.5-30**	57	115	15.9	~~87~~	78.7	
		2:05 PM	2:11 PM	Bottom up	**30-27.5**	55	113	15.9	~~87~~	78.7	
		2:12 PM	2:18 PM	Bottom up	**27.5-25**	53	108	15.5	~~87~~	78.7	
		2:20 PM	2:26 PM	Bottom up	**25-22.5**	50	100	16.4	~~87~~	78.7	
		2:27 PM	2:33 PM	Bottom up	**22.5-20**	50	100	16.3	~~87~~	78.7	
		2:33 PM	2:39 PM	Bottom up	**20-17.5**	48	97	16.6	~~87~~	78.7	
		2:40 PM	2:45 PM	Bottom up	**17.5-15**	48	97	16.7	~~87~~	78.7	
		2:48 PM	2:54 PM	Bottom up	**15-12.5**	45	95	16.8	~~87~~	78.7	
		2:55 PM	3:00 PM	Bottom up	**12.5-10**	41	92	16.9	~~87~~	78.7	
								Total Volume Injected	~~1914~~	1,732	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field

INJECTION FIELD LOG

Original Injection Scope of work:	Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-03	8/4/2010	1:02 PM	1:15 PM	Bottom up	**65-62.5**	70	150	14.9	~~87~~	78.7	1:07 PM, stopped injection due to liquids surfacing out of observation well 28OW-08 located ~2.5 ft from the injection point. 1:12 PM tightened casing cap and resumed injection.
		1:17 PM	1:23 PM	Bottom up	**62.5-60**	65	145	14.9	~~87~~	78.7	
		1:23 PM	1:29 PM	Bottom up	**60-57.5**	65	147	14.9	~~87~~	78.7	
		1:30 PM	1:36 PM	Bottom up	**57.5-55**	63	152	15.0	~~87~~	78.7	Minor surfacing from injection point.
		1:37 PM	1:43 PM	Bottom up	**55-52.5**	57	135	15.0	~~87~~	78.7	
		1:44 PM	1:50 PM	Bottom up	**52.5-50**	55	127	15.3	~~87~~	78.7	
		1:52 PM	1:58 PM	Bottom up	**50-47.5**	55	127	15.2	~~87~~	78.7	
		1:58 PM	2:04 PM	Bottom up	**47.5-45**	55	126	15.3	~~87~~	78.7	
		2:06 PM	2:13 PM	Bottom up	**45-42.5**	54	125	15.2	~~87~~	78.7	
		2:13 PM	2:19 PM	Bottom up	**42.5-40**	51	119	15.5	~~87~~	78.7	
		2:21 PM	2:26 PM	Bottom up	**40-37.5**	50	113	15.6	~~87~~	78.7	
		2:27 PM	2:32 PM	Bottom up	**37.5-35**	48	112	15.8	~~87~~	78.7	
		2:34 PM	2:40 PM	Bottom up	**35-32.5**	48	115	15.8	~~87~~	78.7	
		2:41 PM	2:48 PM	Bottom up	**32.5-30**	47	113	16.4	~~87~~	78.7	
		2:52 PM	2:57 PM	Bottom up	**30-27.5**	44	106	16.4	~~87~~	78.7	
		2:58 PM	3:03 PM	Bottom up	**27.5-25**	41	103	16.5	~~87~~	78.7	
		3:05 PM	3:11 PM	Bottom up	**25-22.5**	39	100	16.7	~~87~~	78.7	
		3:13 PM	3:18 PM	Bottom up	**22.5-20**	38	97	16.8	~~87~~	78.7	
		3:20 PM	3:26 PM	Bottom up	**20-17.5**	37	90	16.8	~~87~~	78.7	
		3:27 PM	3:32 PM	Bottom up	**17.5-15**	37	90	16.7	~~87~~	78.7	
		3:34 PM	3:39 PM	Bottom up	**15-12.5**	36	90	16.8	~~87~~	78.7	
		3:40 PM	3:45 PM	Bottom up	**12.5-10**	35	89	16.9	~~87~~	78.7	
								Total Volume Injected	~~1914~~	1,732	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field

INJECTION FIELD LOG

Original Injection Scope of work: Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-04	8/6/2010	8:40 AM	8:47 AM	Bottom up	**65-62.5**	50	153	15.1	~~94~~	85.1	Increased injection volume per interval as measured by the totalizer to address the totalizer inaccuracy.
		8:56 AM	9:02 AM	Bottom up	**62.5-60**	47	142	15.2	~~94~~	85.1	
		9:03 AM	9:10 AM	Bottom up	**60-57.5**	45	140	14.9	~~94~~	85.1	
		9:13 AM	9:21 AM	Bottom up	**57.5-55**	44	135	15.8	~~94~~	85.1	
		9:26 AM	9:32 AM	Bottom up	**55-52.5**	43	132	15.1	~~94~~	85.1	
		9:33 AM	9:40 AM	Bottom up	**52.5-50**	43	133	15.1	~~94~~	85.1	
		9:43 AM	9:49 AM	Bottom up	**50-47.5**	41	127	14.8	~~94~~	85.1	
		9:53 AM	10:00 AM	Bottom up	**47.5-45**	41	127	15.0	~~94~~	85.1	
		10:03 AM	10:10 AM	Bottom up	**45-42.5**	37	120	15.7	~~94~~	85.1	.
		10:11 AM	10:17 AM	Bottom up	**42.5-40**	36	118	15.4	~~94~~	85.1	
		10:19 AM	10:24 AM	Bottom up	**40-37.5**	35	116	15.1	~~94~~	85.1	
		10:25 AM	10:31 AM	Bottom up	**37.5-35**	35	115	15.5	~~94~~	85.1	
		10:34 AM	10:40 AM	Bottom up	**35-32.5**	35	115	15.9	~~94~~	85.1	
		10:43 AM	10:49 AM	Bottom up	**32.5-30**	32	108	16.3	~~94~~	85.1	
		10:50 AM	10:56 AM	Bottom up	**30-27.5**	32	107	16.2	~~94~~	85.1	
		10:59 AM	11:05 AM	Bottom up	**27.5-25**	30	102	16.1	~~94~~	85.1	
		11:10 AM	11:16 AM	Bottom up	**25-22.5**	29	97	16.3	~~94~~	85.1	
		11:17 AM	11:23 AM	Bottom up	**22.5-20**	28	95	16.1	~~94~~	85.1	
		11:26 AM	11:33 AM	Bottom up	**20-17.5**	26	90	16.1	~~94~~	85.1	
		11:33 AM	11:39 AM	Bottom up	**17.5-15**	26	91	15.9	~~94~~	85.1	
		11:43 AM	11:49 AM	Bottom up	**15-12.5**	26	90	16.0	~~94~~	85.1	
		11:50 AM	11:56 AM	Bottom up	**12.5-10**	25	82	16.0	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field

INJECTION FIELD LOG

Original Injection Scope of work: Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-06	8/12/2010	12:50 PM	12:56 PM	Bottom up	**65-62.5**	67	149	15.4	~~94~~	85.1	Use 1.5" injection tool. After hand clearing borehole. Pack boring with bentonite around injection tooling before advancing, as well as when pulling tooling out.
		12:57 PM	1:03 PM	Bottom up	**62.5-60**	64	143	15.2	~~94~~	85.1	
		1:05 PM	1:11 PM	Bottom up	**60-57.5**	60	132	15.5	~~94~~	85.1	
		1:12 PM	1:18 PM	Bottom up	**57.5-55**	57	129	15.4	~~94~~	85.1	
		1:18 PM	1:25 PM	Bottom up	**55-52.5**	55	129	15.3	~~94~~	85.1	
		1:27 PM	1:33 PM	Bottom up	**52.5-50**	52	125	15.5	~~94~~	85.1	
		1:34 PM	1:41 PM	Bottom up	**50-47.5**	50	120	15.6	~~94~~	85.1	
		1:42 PM	1:48 PM	Bottom up	**47.5-45**	45	125	15.7	~~94~~	85.1	
		1:48 PM	1:55 PM	Bottom up	**45-42.5**	42	122	15.6	~~94~~	85.1	
		1:57 PM	2:03 PM	Bottom up	**42.5-40**	40	115	15.6	~~94~~	85.1	
		2:03 PM	2:09 PM	Bottom up	**40-37.5**	39	114	15.6	~~94~~	85.1	
		2:11 PM	2:18 PM	Bottom up	**37.5-35**	37	111	15.7	~~94~~	85.1	Minimal surfacing from injection point.
		2:19 PM	2:26 PM	Bottom up	**35-32.5**	36	111	15.5	~~94~~	85.1	
		2:26 PM	2:32 PM	Bottom up	**32.5-30**	35	108	15.3	~~94~~	85.1	
		2:32 PM	2:44 PM	Bottom up	**30-27.5**	33	101	15.3	~~94~~	85.1	
		2:44 PM	2:49 PM	Bottom up	**27.5-25**	31	100	15.3	~~94~~	85.1	
		2:50 PM	2:55 PM	Bottom up	**25-22.5**	28	94	15.4	~~94~~	85.1	
		2:56 PM	3:02 PM	Bottom up	**22.5-20**	28	95	15.4	~~94~~	85.1	
		3:02 PM	3:08 PM	Bottom up	**20-17.5**	27	92	15.1	~~94~~	85.1	
		3:09 PM	3:15 PM	Bottom up	**17.5-15**	26	90	14.9	~~94~~	85.1	
		3:18 PM	3:39 PM	Bottom up	**15-12.5**	5	24	3.4	~~94~~	85.1	Siginificant surfacing; reduced injection flow and pressure.
		3:41 PM	4:13 PM	Bottom up	**12.5-10**	5	21	3.0	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field

INJECTION FIELD LOG

Original Injection Scope of work: Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-07	8/4/2010	9:52 AM	9:59 AM	Bottom up	**50-47.5**	50	121	16.0	~~87~~	78.7	
		10:00 AM	10:06 AM	Bottom up	**47.5-45**	52	119	16.1	~~87~~	78.7	
		10:07 AM	10:12 AM	Bottom up	**45-42.5**	51	120	16.0	~~87~~	78.7	
		10:14 AM	10:19 AM	Bottom up	**42.5-40**	52	115	15.9	~~87~~	78.7	
		10:22 AM	10:28 AM	Bottom up	**40-37.5**	50	115	15.7	~~87~~	78.7	
		10:29 AM	10:35 AM	Bottom up	**37.5-35**	48	111	15.9	~~87~~	78.7	
		10:36 AM	10:42 AM	Bottom up	**35-32.5**	47	112	15.7	~~87~~	78.7	
		10:44 AM	10:49 AM	Bottom up	**32.5-30**	45	110	15.8	~~87~~	78.7	
		10:50 AM	10:56 AM	Bottom up	**30-27.5**	44	108	15.7	~~87~~	78.7	
		10:58 AM	11:04 AM	Bottom up	**27.5-25**	44	108	15.6	~~87~~	78.7	
		11:07 AM	11:14 AM	Bottom up	**25-22.5**	43	103	16.7	~~87~~	78.7	Liquids surfacing from adjacent hand augered holes.
		11:15 AM	11:20 AM	Bottom up	**22.5-20**	41	100	16.7	~~87~~	78.7	
		11:22 AM	11:27 AM	Bottom up	**20-17.5**	40	97	16.3	~~87~~	78.7	
		11:29 AM	11:35 AM	Bottom up	**17.5-15**	40	99	16.4	~~87~~	78.7	
		11:38 AM	11:44 AM	Bottom up	**15-12.5**	37	92	16.6	~~87~~	78.7	
		11:45 AM	11:50 AM	Bottom up	**12.5-10**	31	87	16.7	~~87~~	78.7	
	8/11/2010	10:00 AM	10:07 AM	Bottom up	**65-62.5**	56	130	15.5	~~94~~	85.1	Completed injection in deep interval due to revised injection layout.
		10:07 AM	10:13 AM	Bottom up	**62.5-60**	52	126	15.9	~~94~~	85.1	
		10:15 AM	10:21 AM	bottom up	**60-57.5**	52	125	15.7	~~94~~	85.1	
		10:24 AM	10:30 AM	Bottom up	**57.5-55**	50	121	15.5	~~94~~	85.1	
		10:31 AM	10:37 AM	Bottom up	**55-52.5**	45	114	15.3	~~94~~	85.1	
		10:38 AM	10:45 AM	Bottom up	**52.5-50**	45	115	14.4	~~94~~	85.1	
								Total Volume Injected	~~1956~~	1,770	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field

INJECTION FIELD LOG

Original Injection Scope of work:	Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-08	8/13/2010	8:45 AM	8:52 AM	Bottom up	**65-62.5**	63	146	14.8	~~94~~	85.1	Use 1.5" injection tool.
		8:53 AM	8:59 AM	Bottom up	**62.5-60**	61	138	15.2	~~94~~	85.1	
		9:02 AM	9:08 AM	Bottom up	**60-57.5**	57	132	15.1	~~94~~	85.1	
		9:08 AM	9:15 AM	Bottom up	**57.5-55**	59	136	14.8	~~94~~	85.1	
		9:17 AM	9:23 AM	Bottom up	**55-52.5**	57	131	14.9	~~94~~	85.1	
		9:24 AM	9:30 AM	Bottom up	**52.5-50**	55	126	15.0	~~94~~	85.1	
		9:33 AM	9:39 AM	Bottom up	**50-47.5**	46	111	15.2	~~94~~	85.1	
		9:40 AM	9:46 AM	Bottom up	**47.5-45**	47	116	15.3	~~94~~	85.1	
		9:46 AM	9:53 AM	Bottom up	**45-42.5**	47	117	15.2	~~94~~	85.1	
		9:55 AM	10:01 AM	Bottom up	**42.5-40**	45	114	15.3	~~94~~	85.1	
		10:01 AM	10:07 AM	Bottom up	**40-37.5**	42	110	15.3	~~94~~	85.1	
		10:11 AM	10:17 AM	Bottom up	**37.5-35**	42	110	15.4	~~94~~	85.1	
		10:18 AM	10:24 AM	Bottom up	**35-32.5**	40	106	15.5	~~94~~	85.1	
		10:24 AM	10:30 AM	Bottom up	**32.5-30**	41	108	15.6	~~94~~	85.1	
		10:33 AM	10:40 AM	Bottom up	**30-27.5**	40	106	15.8	~~94~~	85.1	
		10:40 AM	10:46 AM	Bottom up	**27.5-25**	38	98	15.7	~~94~~	85.1	
		10:50 AM	10:56 AM	Bottom up	**25-22.5**	35	93	15.8	~~94~~	85.1	
		10:56 AM	11:01 AM	Bottom up	**22.5-20**	33	91	15.8	~~94~~	85.1	
		11:02 AM	11:08 AM	Bottom up	**20-17.5**	33	91	15.8	~~94~~	85.1	
		11:10 AM	11:16 AM	Bottom up	**17.5-15**	32	91	16.0	~~94~~	85.1	
		11:16 AM	11:23 AM	Bottom up	**15-12.5**	30	85	16.1	~~94~~	85.1	
		11:25 AM	11:30 AM	Bottom up	**12.5-10**	28	83	16.3	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-09	8/6/2010	2:04 PM	2:10 PM	Bottom up	**65-62.5**	60	153	15.6	~~94~~	85.1	
		2:13 PM	2:19 PM	Bottom up	**62.5-60**	58	140	15.6	~~94~~	85.1	
		2:24 PM	2:30 PM	Bottom up	**60-57.5**	56	136	15.2	~~94~~	85.1	
		2:31 PM	2:37 PM	Bottom up	**57.5-55**	55	132	15.5	~~94~~	85.1	
		2:40 PM	2:46 PM	Bottom up	**55-52.5**	53	127	15.4	~~94~~	85.1	
		2:47 PM	2:53 PM	Bottom up	**52.5-50**	53	132	15.1	~~94~~	85.1	
		2:55 PM	3:02 PM	Bottom up	**50-47.5**	53	127	15.2	~~94~~	85.1	
		3:05 PM	3:11 PM	Bottom up	**47.5-45**	50	120	15.4	~~94~~	85.1	
		3:12 PM	3:18 PM	Bottom up	**45-42.5**	48	118	15.4	~~94~~	85.1	
		3:20 PM	3:27 PM	Bottom up	**42.5-40**	46	115	15.4	~~94~~	85.1	
		3:30 PM	3:36 PM	Bottom up	**40-37.5**	46	116	15.4	~~94~~	85.1	
		3:40 PM	3:46 PM	Bottom up	**37.5-35**	45	113	15.4	~~94~~	85.1	
		3:46 PM	3:52 PM	Bottom up	**35-32.5**	44	112	15.4	~~94~~	85.1	
		3:54 PM	4:00 PM	Bottom up	**32.5-30**	40	109	15.9	~~94~~	85.1	
		4:03 PM	4:08 PM	Bottom up	**30-27.5**	40	108	15.6	~~94~~	85.1	
		4:09 PM	4:16 PM	Bottom up	**27.5-25**	38	102	15.6	~~94~~	85.1	
		4:18 PM	4:25 PM	Bottom up	**25-22.5**	37	100	15.6	~~94~~	85.1	
		4:26 PM	4:31 PM	Bottom up	**22.5-20**	36	98	16.0	~~94~~	85.1	
		4:34 PM	4:40 PM	Bottom up	**20-17.5**	33	90	15.6	~~94~~	85.1	
		4:41 PM	4:48 PM	Bottom up	**17.5-15**	31	86	15.4	~~94~~	85.1	
		4:50 PM	4:57 PM	Bottom up	**15-12.5**	28	80	15.3	~~94~~	85.1	
		4:58 PM	5:05 PM	Bottom up	**12.5-10**	30	5	16.2	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field

INJECTION FIELD LOG

Original Injection Scope of work:	Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-12	8/11/2010	1:25 PM	1:31 PM	Bottom up	**65-62.5**	60	150	15.5	~~94~~	85.1	Use 1.5" injection tool.
		1:32 PM	1:38 PM	Bottom up	**62.5-60**	58	146	15.1	~~94~~	85.1	
		1:40 PM	1:46 PM	Bottom up	**60-57.5**	52	139	15.2	~~94~~	85.1	
		1:47 PM	1:54 PM	Bottom up	**57.5-55**	51	138	15.2	~~94~~	85.1	
		1:55 PM	2:01 PM	Bottom up	**55-52.5**	52	140	14.9	~~94~~	85.1	
		2:06 PM	2:12 PM	Bottom up	**52.5-50**	51	138	15.4	~~94~~	85.1	
		2:12 PM	2:18 PM	Bottom up	**50-47.5**	45	128	15.4	~~94~~	85.1	
		2:20 PM	2:26 PM	Bottom up	**47.5-45**	43	124	15.5	~~94~~	85.1	
		2:26 PM	2:32 PM	Bottom up	**45-42.5**	42	123	15.5	~~94~~	85.1	
		2:35 PM	2:41 PM	Bottom up	**42.5-40**	43	125	15.4	~~94~~	85.1	
		2:41 PM	2:47 PM	Bottom up	**40-37.5**	41	120	15.8	~~94~~	85.1	
		2:47 PM	2:54 PM	Bottom up	**37.5-35**	41	120	15.7	~~94~~	85.1	
		2:57 PM	3:03 PM	Bottom up	**35-32.5**	40	118	15.8	~~94~~	85.1	
		3:07 PM	3:14 PM	Bottom up	**32.5-30**	36	107	15.5	~~94~~	85.1	
		3:18 PM	3:24 PM	Bottom up	**30-27.5**	39	114	16.0	~~94~~	85.1	
		3:26 PM	3:32 PM	Bottom up	**27.5-25**	40	117	15.9	~~94~~	85.1	
		3:32 PM	3:38 PM	Bottom up	**25-22.5**	39	116	15.8	~~94~~	85.1	
		3:39 PM	3:45 PM	Bottom up	**22.5-20**	36	107	15.7	~~94~~	85.1	
		3:48 PM	3:55 PM	Bottom up	**20-17.5**	33	97	15.8	~~94~~	85.1	Liquids surfacing from the injection point.
		3:58 PM	4:03 PM	Bottom up	**17.5-15**	31	91	16.0	~~94~~	85.1	
		4:03 PM	4:10 PM	Bottom up	**15-12.5**	30	88	16.0	~~94~~	85.1	
		4:10 PM	4:16 PM	Bottom up	**12.5-10**	28	86	15.8	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

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Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-13	8/13/2010	1:00 PM	1:07 PM	Bottom up	**65-62.5**	57	133	15.5	~~94~~	85.1	Use 1.5" injection tool.
		1:07 PM	1:14 PM	Bottom up	**62.5-60**	55	127	15.3	~~94~~	85.1	
		1:14 PM	1:20 AM	Bottom up	**60-57.5**	54	124	15.2	~~94~~	85.1	
		1:23 PM	1:30 PM	Bottom up	**57.5-55**	52	121	15.3	~~94~~	85.1	
		1:30 PM	1:36 PM	Bottom up	**55-52.5**	50	119	15.4	~~94~~	85.1	
		1:38 PM	1:44 PM	Bottom up	**52.5-50**	49	117	15.5	~~94~~	85.1	
		1:44 PM	1:50 PM	Bottom up	**50-47.5**	46	114	15.5	~~94~~	85.1	
		1:53 PM	1:59 PM	Bottom up	**47.5-45**	46	116	15.4	~~94~~	85.1	
		2:00 PM	2:06 PM	Bottom up	**45-42.5**	44	113	15.4	~~94~~	85.1	
		2:07 PM	2:13 PM	Bottom up	**42.5-40**	46	115	15.3	~~94~~	85.1	
		2:16 PM	2:22 PM	Bottom up	**40-37.5**	46	114	15.3	~~94~~	85.1	
		2:22 PM	2:28 PM	Bottom up	**37.5-35**	44	111	15.3	~~94~~	85.1	
		2:29 PM	2:35 PM	Bottom up	**35-32.5**	41	109	15.4	~~94~~	85.1	Liquids surfaced from multiple locations around injection point.
		2:36 PM	2:42 PM	Bottom up	**32.5-30**	40	108	15.5	~~94~~	85.1	
		2:44 PM	2:50 PM	Bottom up	**30-27.5**	40	107	16.1	~~94~~	85.1	
		2:51 PM	2:56 PM	Bottom up	**27.5-25**	40	106	16.3	~~94~~	85.1	
		2:58 PM	3:04 PM	Bottom up	**25-22.5**	35	96	16.7	~~94~~	85.1	
		3:05 PM	3:11 PM	Bottom up	**22.5-20**	35	96	16.8	~~94~~	85.1	
		3:11 PM	3:16 PM	Bottom up	**20-17.5**	34	96	16.8	~~94~~	85.1	
		3:17 PM	3:23 PM	Bottom up	**17.5-15**	33	94	16.8	~~94~~	85.1	
		3:25 PM	3:30 PM	Bottom up	**15-12.5**	25	80	17.2	~~94~~	85.1	
		3:30 PM	3:36 PM	Bottom up	**12.5-10**	24	78	17.3	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

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INJECTION FIELD LOG

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Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-14	8/16/2010	10:40 AM	10:46 AM	Bottom up	**65-62.5**	59	136	14.3	~~98~~	88.7	Use 1.5" injection tool. Increased injection volume per interval as measured by the totalizer to address the totalizer inaccuracy.
		10:52 AM	10:59 AM	Bottom up	**62.5-60**	55	130	15.7	~~98~~	88.7	
		10:59 AM	11:06 AM	Bottom up	**60-57.5**	50	115	15.6	~~98~~	88.7	
		11:08 AM	11:14 AM	Bottom up	**57.5-55**	53	124	15.7	~~98~~	88.7	
		11:14 AM	11:20 AM	Bottom up	**55-52.5**	51	120	15.7	~~98~~	88.7	
		11:21 AM	11:27 AM	Bottom up	**52.5-50**	50	119	15.6	~~98~~	88.7	
		11:28 AM	11:34 AM	Bottom up	**50-47.5**	48	117	15.7	~~98~~	88.7	
		11:36 AM	11:42 AM	Bottom up	**47.5-45**	47	114	15.7	~~98~~	88.7	
		11:43 AM	11:49 AM	Bottom up	**45-42.5**	45	112	15.8	~~98~~	88.7	
		11:53 AM	11:59 AM	Bottom up	**42.5-40**	46	115	15.9	~~98~~	88.7	
		12:00 PM	12:06 PM	Bottom up	**40-37.5**	45	113	15.9	~~98~~	88.7	
		12:09 PM	12:15 PM	Bottom up	**37.5-35**	43	110	16.0	~~98~~	88.7	
		12:16 PM	12:22 PM	Bottom up	**35-32.5**	43	110	16.0	~~98~~	88.7	
		12:22 PM	12:29 PM	Bottom up	**32.5-30**	45	116	15.9	~~98~~	88.7	
		12:29 PM	12:35 PM	Bottom up	**30-27.5**	41	106	16.2	~~98~~	88.7	
		12:37 PM	12:43 PM	Bottom up	**27.5-25**	40	106	16.2	~~98~~	88.7	
		12:45 PM	12:51 PM	Bottom up	**25-22.5**	38	100	16.4	~~98~~	88.7	
		12:51 PM	12:57 PM	Bottom up	**22.5-20**	38	100	16.5	~~98~~	88.7	
		12:58 PM	1:07 PM	Bottom up	**20-17.5**	35	96	16.6	~~150~~	135.8	Increased volume per interval to use up remaining amendment.
		1:07 PM	1:16 PM	Bottom up	**17.5-15**	34	94	16.7	~~150~~	135.8	
		1:19 PM	1:32 PM	Bottom up	**15-12.5**	31	90	16.5	~~200~~	181.0	
		1:34 PM	1:52 PM	Bottom up	**12.5-10**	27	88	17.0	~~241~~	218.1	
								Total Volume Injected	~~2505~~	2,267	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

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INJECTION FIELD LOG

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Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-15	8/9/2010	9:35 AM	10:03 AM	Bottom up	**65-62.5**	50	300	0-5	~~94~~	85.1	Extremely difficult to inject. Pressures in excess of 300 psig. Tool tip plugged with soil. Pulled out tooling, cleaned, and went back down same borehole.
		11:05 AM	11:10 AM	Bottom up	**62.5-60**	50	116	16.7	~~94~~	85.1	
		11:11 AM	11:16 AM	Bottom up	**60-57.5**	50	108	16.9	~~94~~	85.1	Use 2.25" strung through tooling.
		11:16 AM	11:22 AM	Bottom up	**57.5-55**	50	103	16.9	~~94~~	85.1	
		11:22 AM	11:28 AM	Bottom up	**55-52.5**	48	98	16.8	~~94~~	85.1	
		11:29 AM	11:35 AM	Bottom up	**52.5-50**	45	95	16.7	~~94~~	85.1	
		11:35 AM	11:41 AM	Bottom up	**50-47.5**	44	93	16.4	~~94~~	85.1	
		11:42 AM	11:48 AM	Bottom up	**47.5-45**	44	92	16.3	~~94~~	85.1	
		11:48 AM	11:54 AM	Bottom up	**45-42.5**	44	92	16.3	~~94~~	85.1	
		11:55 AM	12:01 PM	Bottom up	**42.5-40**	43	91	16.3	~~94~~	85.1	
		12:01 PM	12:07 PM	Bottom up	**40-37.5**	43	90	16.3	~~94~~	85.1	
		12:07 PM	12:14 PM	Bottom up	**37.5-35**	43	90	16.1	~~94~~	85.1	
		12:14 PM	12:20 PM	Bottom up	**35-32.5**	43	90	16.2	~~94~~	85.1	
		12:21 PM	12:27 PM	Bottom up	**32.5-30**	41	88	16.3	~~94~~	85.1	
		12:27 PM	12:34 PM	Bottom up	**30-27.5**	40	88	16.4	~~94~~	85.1	
		12:35 PM	12:41 PM	Bottom up	**27.5-25**	39	84	16.4	~~94~~	85.1	
		12:42 PM	12:48 PM	Bottom up	**25-22.5**	38	82	16.4	~~94~~	85.1	
		12:49 PM	12:55 PM	Bottom up	**22.5-20**	37	80	16.1	~~94~~	85.1	
		12:55 PM	1:02 PM	Bottom up	**20-17.5**	36	78	15.7	~~94~~	85.1	
		1:03 PM	1:09 PM	Bottom up	**17.5-15**	36	77	15.6	~~94~~	85.1	
		1:09 PM	1:16 PM	Bottom up	**15-12.5**	38	85	15.1	~~94~~	85.1	
		1:16 PM	1:23 PM	Bottom up	**12.5-10**	37	82	14.9	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

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INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-16	8/12/2010	8:27 AM	8:33 AM	Bottom up	**65-62.5**	70	142	14.7	~~94~~	85.1	Use 1.5" injection tool.
		8:38 AM	8:44 AM	Bottom up	**62.5-60**	62	134	15.5	~~94~~	85.1	
		8:47 AM	8:54 AM	Bottom up	**60-57.5**	60	130	15.6	~~94~~	85.1	
		8:54 AM	9:00 AM	Bottom up	**57.5-55**	55	125	15.5	~~94~~	85.1	
		9:02 AM	9:08 AM	Bottom up	**55-52.5**	51	120	15.6	~~94~~	85.1	
		9:09 AM	9:15 AM	Bottom up	**52.5-50**	50	120	15.5	~~94~~	85.1	
		9:17 AM	9:24 AM	Bottom up	**50-47.5**	48	116	15.6	~~94~~	85.1	
		9:24 AM	9:30 AM	Bottom up	**47.5-45**	46	112	15.6	~~94~~	85.1	
		9:31 AM	9:37 AM	Bottom up	**45-42.5**	44	109	15.7	~~94~~	85.1	
		9:38 AM	9:44 AM	Bottom up	**42.5-40**	42	106	15.6	~~94~~	85.1	
		9:46 AM	9:53 AM	Bottom up	**40-37.5**	51	159	12.8	~~94~~	85.1	Liquids surfacing from injection point.
		9:54 AM	10:00AM	Bottom up	**37.5-35**	41	105	15.6	~~94~~	85.1	
		10:04 AM	10:10 AM	Bottom up	**35-32.5**	40	103	15.6	~~94~~	85.1	Sand coming out of injection point with liquids surfacing.
		10:18 AM	10:24 AM	Bottom up	**32.5-30**	40	103	15.9	~~94~~	85.1	
		10:27 AM	10:43 AM	Bottom up	**30-27.5**	5	25	4.9	~~94~~	85.1	Reduced injection flow rate to prevent surfacing.
		8:41 AM	8:42 AM	Bottom up	**27.5-25**	66	100	17.2	~~94~~	85.1	8/12/10 Injected from10:48 AM-10:51 AM stopped injection due to surfacing. Reduced injection flow rate and pressure as low as possible but could not stop surfacing. Pulled rods and moved to 28EVO-06.
28EVO-16S	8/16/2010	8:47 AM	8:52 AM	Bottom up	**25-22.5**	60	100	17.6	~~94~~	85.1	8/13/2010 Re-attempted injection in same borehole; liquids started surfacing immediately. Stopped injection and pulled rods. Injected 35 Gallons, for a total of 48 gallons injected in the 27.5-25 ft interval. Step over to another location.
		8:55 AM	9:01 AM	Bottom up	**22.5-20**	55	95	17.6	~~94~~	85.1	8/13/2010- interval 27.5-25. Start Time: 7:34 AM End Time: 7:43 AM
		9:02 AM	9:07 AM	Bottom up	**20-17.5**	53	95	17.6	~~94~~	85.1	8/16/10 - complete injection at separate adjacent injection point 28OW-16S
		9:09 AM	9:14 AM	Bottom up	**17.5-15**	50	91	17.5	~~94~~	85.1	
		9:16 AM	9:21 AM	Bottom up	**15-12.5**	42	76	17.6	~~94~~	85.1	
		9:21 AM	9:27 AM	Bottom up	**12.5-10**	44	85	17.6	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

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28EVO-17	8/10/2010	2:51 PM	2:57 PM	Bottom up	**65-62.5**	55	152	16.0	~~94~~	85.1	Use 1.5" injection tool.
		3:00 PM	3:05 PM	Bottom up	**62.5-60**	53	145	16.2	~~94~~	85.1	
		3:06 PM	3:12 PM	Bottom up	**60-57.5**	46	130	16.0	~~94~~	85.1	
		3:13 PM	3:19 PM	Bottom up	**57.5-55**	45	127	16.1	~~94~~	85.1	
		3:20 PM	3;26 PM	Bottom up	**55-52.5**	44	125	16.0	~~94~~	85.1	
		3:26 PM	3:32 PM	Bottom up	**52.5-50**	44	128	15.8	~~94~~	85.1	
		3:34 PM	3:40 PM	Bottom up	**50-47.5**	43	124	15.9	~~94~~	85.1	
		3:41 PM	3:47 PM	Bottom up	**47.5-45**	40	116	16.1	~~94~~	85.1	
		3:48 PM	3:54 PM	Bottom up	**45-42.5**	40	115	16.1	~~94~~	85.1	
		3:54 PM	4:00 PM	Bottom up	**42.5-40**	40	115	16.1	~~94~~	85.1	
		4:00 PM	4:06 PM	Bottom up	**40-37.5**	38	116	16.0	~~94~~	85.1	
		4:06 PM	4:13 PM	Bottom up	**37.5-35**	40	120	15.7	~~94~~	85.1	Liquids surfacing from injection point.
		4:15 PM	4:23 PM	Bottom up	**35-32.5**	40	119	15.8	~~94~~	85.1	
		4:24 PM	4:30 PM	Bottom up	**32.5-30**	37	112	16.1	~~94~~	85.1	
		4:32 PM	4:37 PM	Bottom up	**30-27.5**	35	104	16.6	~~94~~	85.1	
		4:38 PM	4:44 PM	Bottom up	**27.5-25**	33	100	16.7	~~94~~	85.1	
		4:47 PM	4:53 PM	Bottom up	**25-22.5**	32	96	16.9	~~94~~	85.1	
		4:53 PM	4:54 PM	Bottom up	**22.5-20**	28	82	16.9	~~54~~	48.9	8/10/10 @4:54 PM. Stopped injecting due to surfacing, 1652 gallons injected. Bentonite hole and resume injection on 8/11/10.
	8/11/2010	8:34 AM	8:37 AM	Bottom up	**22.5-20**	35	102	17.5	~~40~~	36.2	
		8:38 AM	8:43 AM	Bottom up	**20-17.5**	34	98	17.7	~~94~~	85.1	
		8:44 AM	8:49 AM	Bottom up	**17.5-15**	34	98	17.7	~~94~~	85.1	
		8:52 AM	8:58 AM	Bottom up	**15-12.5**	30	90	17.5	~~94~~	85.1	
		8:58 AM	9:03 AM	Bottom up	**12.5-10**	28	84	17.5	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-18	8/9/2010	3:01 PM	3:07 PM	Bottom up	**65-62.5**	65	106	17.4	~~94~~	85.1	
		3:07 PM	3:13 PM	Bottom up	**62.5-60**	64	104	17.4	~~94~~	85.1	
		3:13 PM	3:19 PM	Bottom up	**60-57.5**	62	103	17.1	~~94~~	85.1	
		3:19 PM	3:26 PM	Bottom up	**57.5-55**	61	103	16.9	~~94~~	85.1	
		3:27 PM	3:33 PM	Bottom up	**55-52.5**	58	98	17.0	~~94~~	85.1	
		3:34 PM	3:41 PM	Bottom up	**52.5-50**	52	90	17.0	~~94~~	85.1	
		3:41 PM	3:47 PM	Bottom up	**50-47.5**	53	94	16.7	~~94~~	85.1	
		3:49 PM	3:55 PM	Bottom up	**47.5-45**	51	91	16.4	~~94~~	85.1	
		3:55 PM	4:01 PM	Bottom up	**45-42.5**	52	92	16.4	~~94~~	85.1	
		4:02 PM	4:07 PM	Bottom up	**42.5-40**	51	91	16.6	~~94~~	85.1	
		4:08 PM	4:14 PM	Bottom up	**40-37.5**	51	91	16.4	~~94~~	85.1	
		4:14 PM	4:20 PM	Bottom up	**37.5-35**	50	90	16.4	~~94~~	85.1	
		4:21 PM	4:27 PM	Bottom up	**35-32.5**	48	88	16.4	~~94~~	85.1	
		4:28 PM	4:33 PM	Bottom up	**32.5-30**	50	91	16.3	~~94~~	85.1	
		4:33 PM	4:39 PM	Bottom up	**30-27.5**	49	89	16.3	~~94~~	85.1	
		4:40 PM	4:46 PM	Bottom up	**27.5-25**	48	88	16.7	~~94~~	85.1	
		4:46 PM	4:52 PM	Bottom up	**25-22.5**	48	88	16.4	~~94~~	85.1	
		4:53 PM	4:59 PM	Bottom up	**22.5-20**	45	84	16.1	~~94~~	85.1	
		4:59 PM	5:05 PM	Bottom up	**20-17.5**	44	83	16.0	~~94~~	85.1	
		5:06 PM	5:12 PM	Bottom up	**17.5-15**	42	81	15.7	~~94~~	85.1	
		5:12 PM	5:19 PM	Bottom up	**15-12.5**	39	78	15.6	~~94~~	85.1	
		5:19 PM	5:25 PM	Bottom up	**12.5-10**	36	75	15.4	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field

INJECTION FIELD LOG

Original Injection Scope of work: Inject emulsified vegetable oil (LactOil™) and bioaugmentation culture (SDC-9™) amendment into DPT borings on 2.5 ft intervals between 10 to 65 ft bgs at the Traffic Island pilot test area.

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Volume Injected (GAL) Totalizer	Volume Injected (GAL) Corrected	Injection Notes
28EVO-19	8/10/2010	8:47 AM	8:54 AM	Bottom up	**65-62.5**	40	155	14.6	~~94~~	85.1	Use 1.5" injection tool.
		8:56 AM	9:19 AM	Bottom up	**62.5-60**	37	137	16.1	~~94~~	85.1	8:58 AM. Had to stop injection flow meter clogged. 9:14 AM resume injection.
		9:20 AM	9:26 AM	Bottom up	**60-57.5**	37	136	16.2	~~94~~	85.1	
		9:29 AM	9:34 AM	Bottom up	**57.5-55**	36	132	16.2	~~94~~	85.1	
		9:35 AM	9:41 AM	Bottom up	**55-52.5**	35	130	16.2	~~94~~	85.1	
		9:43 AM	9:49 AM	Bottom up	**52.5-50**	35	128	16.1	~~94~~	85.1	
		9:50 AM	9:56 AM	Bottom up	**50-47.5**	35	128	15.9	~~94~~	85.1	
		9:59 AM	10:05 AM	Bottom up	**47.5-45**	35	128	15.9	~~94~~	85.1	
		10:05 AM	10:11 AM	Bottom up	**45-42.5**	32	120	16.1	~~94~~	85.1	
		10:12 AM	10:18 AM	Bottom up	**42.5-40**	32	119	16.2	~~94~~	85.1	
		10:20 AM	10:26 AM	Bottom up	**40-37.5**	31	115	16.3	~~94~~	85.1	
		10:26 AM	10:33 AM	Bottom up	**37.5-35**	30	113	16.3	~~94~~	85.1	
		10:34 AM	10:40 AM	Bottom up	**35-32.5**	30	114	16.3	~~94~~	85.1	
		10:41 AM	10:47 AM	Bottom up	**32.5-30**	28	110	16.6	~~94~~	85.1	
		10:48 AM	10:54 AM	Bottom up	**30-27.5**	28	109	16.5	~~94~~	85.1	
		10:55 AM	11:01 AM	Bottom up	**27.5-25**	27	107	16.5	~~94~~	85.1	
		11:03 AM	11:09 AM	Bottom up	**25-22.5**	26	105	16.8	~~94~~	85.1	
		11:10 AM	11:15 AM	Bottom up	**22.5-20**	26	105	16.9	~~94~~	85.1	
		11:16 AM	11:21 AM	Bottom up	**20-17.5**	24	95	17.0	~~94~~	85.1	
		11:24 AM	11:30 AM	Bottom up	**17.5-15**	24	93	17.3	~~94~~	85.1	
		11:30 AM	11:36 AM	Bottom up	**15-12.5**	23	91	17.3	~~94~~	85.1	
		11:37 AM	11:42 AM	Bottom up	**12.5-10**	23	89	17.3	~~94~~	85.1	
								Total Volume Injected	~~2068~~	1,872	

The totalizer volumes are inaccurate. The corrected volumes are based on measurements of the liquid level in the EVO solution mixing tank. The "Corrected" volume injected values were calculated by applying a correction factor of 0.905 to the erroneous totalizer data. The correction factor was calculated by 28,256 gallons EVO solution prepared, less 170 gallons of EVO solution remaining after all injections were completed = 28,086 gallons solution used. Total EVO solution used / total of Vironex totalizer values for EVO & SDC-9™ amendment injected = 28,086 gals / 31,037 gals = 0.905.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject EHC® slurry into DPT borings every 2.5 ft interval between 10 to 30 ft bgs at the Well W9-18 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Slurry Injected (GAL)	Injection Notes
28EHC-01	8/20/2010	8:40 AM	9:19 AM	Bottom up	**30-27.5**	55	160	5.0	200	Adjusted slurry mix and interval dosages in order to minimze surfacing issues experienced at previous injection points: 1 bag of EHC per ~25 gallons water. No
		9:19 AM	9:58 AM	Bottom up	**27.5-25**	53	105	5.1	200	No surfacing observed.
		9:58 AM	10:42 AM	Bottom up	**25-22.5**	45	130	4.5	200	No surfacing observed.
		10:42 AM	11:15 AM	Bottom up	**22.5-20**	42	103	4.5	150	Liquids surfacing from cracks in asphalt as before. Distributed the remaining slurry evenly in the remaining 4 intervals.
		12:56 PM	1:01 PM	Bottom up	**20-17.5**	30	67	5.0	25	Significant surfacing continues.
		1:01 PM	1:06 PM	Bottom up	**17.5-15**	34	65	5.0	25	
		1:06 PM	1:11 PM	Bottom up	**15-12.5**	31	63	5.0	25	
		1:11 PM	1:16 PM	Bottom up	**12.5-10**	28	58	5.0	25	
								Total Volume Injected	850	33 bags EHC; ~100 gals of liquids recovered from surfacing.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject EHC® slurry into DPT borings every 2.5 ft interval between 10 to 30 ft bgs at the Well W9-18 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Slurry Injected (GAL)	Injection Notes
28EHC-02	8/17/2010	9:44 PM	10:07 AM	Bottom up	**30-27.5**	150	130	8.7	200	5 bags EHC per interval, deepest 2 intervals get a higher dosage @ 5.5 bags of EHC an interval. Using 2.25" strung through tooling. No surfacing observed.
		10:08 AM	10:25 AM	Bottom up	**27.5-25**	165	129	11.8	200	No surfacing observed.
		10:53 AM	11:20 AM	Bottom up	**25-22.5**	150	115	7.4	200	No surfacing observed.
		11:21 AM	11:52 AM	Bottom up	**22.5-20**	145	100	6.5	200	No surfacing observed.
		11:54 AM	1:45 PM	Bottom up	**20-17.5**	80	46	3.4	200	Liquids surfacing from single location ~ 25 ft due west of injection point (SW side of Severyns Ave).
		1:45 PM	2:28 PM	Bottom up	**17.5-15**	75	40	4.7	200	Liquids surfacing from cracks that developed in asphalt between the injection point and previously identified location of surfacing.
		2:29 PM	3:06 PM	Bottom up	**15-12.5**	60	90	5.4	200	Liquids surfacing from cracks ~5 ft WNW of injection point. Surfacing begins from 28OW-16 well box, but not from the open well casing (~8 ft N of injection point). Surfacing begins from injection point borehole.
		3:07 PM	3:53 PM	Bottom up	**12.5-10**	60	50	4.4	200	Asphalt pavement NW of injection point noticeably heaving. "Piping" occurring where the liquids surfacing around the 28OW-16 well box apron. Additional surfacing location develops at the NE edge of the asphalt pavement and curb/gutter boundary (~6 ft N of 28OW-16).
								Total Volume Injected	1,600	41 bags of EHC. Liquids that surfaced were promptly collected with a shop vac and contained in 55 gal drums. In total, ~300 gals of liquids recovered. Liquids appeared to be primarily silty groundwater of olive-gray color and possibly some EHC. Liquids from last surfacing event, while injecting in the top interval (12.5'-10') appeared to contain alot more EHC (brown in color, with dark particles of iron).

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject EHC® slurry into DPT borings every 2.5 ft interval between 10 to 30 ft bgs at the Well W9-18 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Slurry Injected (GAL)	Injection Notes
28EHC-03	8/18/2010	8:55 AM	9:40 AM	Bottom up	**30-27.5**	155	120	4.4	200	Inject at a slower rate today as a means to avoid slurry surfacing. No surfacing observed.
		9:40 AM	10:22 AM	Bottom up	**27.5-25**	150	95	4.8	200	No surfacing observed.
		10:22 AM	11:08 AM	Bottom up	**25-22.5**	147	90	5.0	200	No surfacing observed.
		11:08 AM	12:08 PM	Bottom up	**22.5-20**	136	76	3.3	200	Slight surfacing around 28OW-16 well box apron (~18 ft WSW of injection point).
		12:08 PM	2:04 PM	Bottom up	**20-17.5**	119	55	2.6	200	Liquids surfacing at NE edge of asphalt pavement where it meets the concrete curb/gutter.
		9:24 AM	9:48 AM	Bottom up	**17.5-15**	70	210	4.1	200	8/18: 150 gal. injected; minimal surfacing observed. 8/19: completed interval.
	8/19/2010	9:48 AM	10:31 AM	Bottom up	**15-12.5**	65	255	4.0	170	Reduced volume of water in slurry mix in an effort to minimize the chance of surfacing.
		10:31 AM	11:03 AM	Bottom up	**12.5-10**	50	132	4.2	135	Further reduced the water content of the slurry mix in an effort to minimize the chance of surfacing. Immediately after completing this interval liquids surfacing along NE edge of asphalt pavement at boundary with concrete curb/gutter.
								Total Volume Injected	1,505	40 bags of EHC; 5 bags EHC per interval.

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject EHC® slurry into DPT borings every 2.5 ft interval between 10 to 30 ft bgs at the Well W9-18 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Slurry Injected (GAL)	Injection Notes
28EHC-04	8/19/2010	1:28 PM	1:32 PM	Bottom up	**30-27.5**	120	45	2.0	10	Immediately upon initating injection, materials began surfacing from nearby, recently grouted, injection point 28EHC-03. Stop injecting and abandon this injection point.
		-	-	Bottom up	**27.5-25**	-	-	-	-	
		-	-	Bottom up	**25-22.5**	-	-	-	-	
		-	-	Bottom up	**22.5-20**	-	-	-	-	
		-	-	Bottom up	**20-17.5**	-	-	-	-	
		-	-	Bottom up	**17.5-15**	-	-	-	-	
		-	-	Bottom up	**15-12.5**	-	-	-	-	
		-	-	Bottom up	**12.5-10**	-	-	-	-	
								Total Volume Injected	10	

Vironex Crewchief:	Nick Ivanoff
Project Name:	IR Site 28 Treatability Study, Former NAS Moffett Field
Original Injection Scope of work:	Inject EHC® slurry into DPT borings every 2.5 ft interval between 10 to 30 ft bgs at the Well W9-18 pilot test area.

INJECTION FIELD LOG

Boring ID No.	Date	Start Time	End Time	Pump Type / Inj. Method	Injection Interval	Starting PSI	Average PSI	Average Flow Rate (GPM)	Slurry Injected (GAL)	Injection Notes
28EHC-04b	8/24/2010	9:24 AM	10:34 AM	Bottom up	**30-27.5**	130	130	4.2	300	Further adjusted slurry mix and interval dosages in order to minimze surfacing issues experienced at previous injection points: 1 bag of EHC per ~20 gallons water. No surfacing observed.
		10:34 AM	11:34 AM	Bottom up	**27.5-25**	150	120	5.0	300	No surfacing observed.
		11:34 AM	12:30 PM	Bottom up	**25-22.5**	165	160		250	No surfacing observed.
		12:30 PM		Bottom up	**22.5-20**	150			10	
		12:36 PM		Bottom up	**20-17.5**	150			10	
				Bottom up	**17.5-15**	150			10	
				Bottom up	**15-12.5**	150			10	
			12:48 PM	Bottom up	**12.5-10**	150			10	Liquids surfacing on SW side of Severyns Ave. (~30 ft from injection point)
								Total Volume Injected	900	44 bags EHC

Appendix I
Data Quality Assessment

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Acronyms and Abbreviations

EMAX	EMAX Laboratories, Inc.
EPA	U.S. Environmental Protection Agency
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
Microseeps	Microseeps Inc.
MS	matrix spike
MSD	matrix spike duplicate
QC	quality control
RL	reporting limit
RPD	relative percent difference
SAP/QAPP	*Final Sampling and Analysis Plan, (Field Sampling Plan and Quality Assurance Project Plan) In Situ Anaerobic Biotic/Abiotic Treatability Study, IR Site 28, Former Naval Air Station Moffett Field, Moffett Field, California* SDG sample delivery group
Shaw	Shaw Environmental and Infrastructure, Inc.
VOC	volatile organic compound

1.0 Laboratory Data Quality Assessment

This appendix presents the findings of the data review and validation assessment of groundwater samples collected in support of the Treatability Study effort at Installation Restoration Site 28, Former Naval Air Station Moffett Field in Santa Clara County, California. This data quality assessment documents the quality of the analytical data used on the project.

Sampling and analysis activities for Installation Restoration Site 28 are presented in the *Final Sampling and Analysis Plan, (Field Sampling Plan and Quality Assurance Project Plan) In Situ Anaerobic Biotic/Abiotic Treatability Study, IR Site 28, Former Naval Air Station Moffett Field, Moffett Field, California* (SAP/QAPP; Shaw Environmental and Infrastructure, Inc. [Shaw], 2010). The overall quality control (QC) and quality assurance protocols are also presented in the preceding SAP/QAPP.

Groundwater samples were collected during six events, conducted between July 2010 and June 2011. The samples were analyzed for the following parameters in accordance with the SAP/QAPP (Shaw, 2010):

- Volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260B
- Total organic carbon by EPA Method 415.1
- Anions (sulfate and nitrate) by EPA Method 300.0
- Alkalinity by EPA Method 310.1
- Dissolved metals (manganese, arsenic, and iron) by EPA Method 6010B/6020
- Dissolved gases (acetylene, ethane, ethene, and methane) by Microseeps Inc. (Microseeps) Method AM20Gax
- Volatile Organic Acids by EPA Method 300M

The groundwater samples were shipped to EMAX Laboratories, Inc. (EMAX) located in Torrance, California for the VOCs, total organic carbon, anions, alkalinity, dissolved metals, and volatile organic acids analyses. The samples to be analyzed for dissolved gases were shipped to Microseeps located in Pittsburgh, Pennsylvania. EMAX and Microseeps are accredited by the National Environmental Laboratory Accreditation Program and are State of California-certified. In addition, EMAX is also U.S. Department of Defense Environmental laboratory Program Accredited .

In accordance with the data review requirements of the SAP/QAPP (Shaw, 2010), a Shaw Project Chemist performed a Level III data review of the results.

Table I-1 summarizes sample delivery group (SDG), sample numbers, sampling dates, extraction and analytical methods, and data review level for the samples. The review was performed in accordance with the guidelines and control criteria specified in the following documents:

- *Quality System Manual for Environmental Laboratories V4.2* (U.S. Department of Defense, 2010)
- *Contract Laboratory Program National Functional Guidelines for Superfund Organic Method Data Review* (EPA,2008)
- *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (EPA, 2002)
- *Test Methods for Evaluating Solid Waste, SW-846 Physical/Chemical Methods* (EPA, 1996)
- Project specific SAP/QAPP (Shaw, 2010)

The following QC elements were included in the Level III data review:

- Laboratory Method Blanks
- Sample Holding Times
- Surrogate Recoveries
- Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD)
- Matrix Spike (MS)/Matrix Spike Duplicate (MSD) Recoveries
- Relative Percent Differences (RPD)
- Initial Calibrations
- Continuing Calibrations
- Field Blanks
- Field Duplicates

The data were reviewed in terms of precision, accuracy, representativeness, comparability, and completeness; these parameters were evaluated as follows:

- Accuracy is demonstrated by recovery of target analytes from fortified blank and sample matrices, LCS/LCSD and MS/MSD, respectively. The recovery of target

analytes from fortified samples is compared to acceptance criteria. When these criteria are not met, the data are flagged as appropriate.

- Precision is expressed as RPD between the results of replicate sample analyses: sample duplicates, LCSDs, and MSDs. When analyte RPDs exceed the acceptance criteria, the data are flagged as appropriate.
- Representativeness of the samples submitted for analysis is ensured by adherence to standard sampling techniques and protocols.
- Comparability of sample results is ensured through the use of approved sampling and analysis methods.
- Completeness is expressed as a ratio of number of usable data to all analytical data.

The following subsections provide a discussion of the data review and validation. Table I-2 presents definition of data qualification flags and reason codes that may be applied to the sample results. Table I-3 shows the qualified sample data and reason codes as discussed in the following subsections.

1.1 Laboratory Method Blank (Reason Code B1)

All field sample results were evaluated with respect to the laboratory method blank prepared and analyzed for each analytical batch. Target analytes were not detected in the laboratory method blanks with the exception of the following:

Analysis	SDG	Affected Sample IDs	Analyte
VOCs	10H385	28OW-17-082510	Carbon Disulfide
	10H385	MW-9903-082510	Carbon Disulfide

Notes:

ID	*identification*
SDG	*sample delivery group*
VOC	*volatile organic compound*

Due to method blank contamination, the samples were qualified as not-detected (U) for carbon disulfide.

1.2 Initial and Continuing Calibration Blank (Reason Code B2)

In addition to the evaluation of the method blanks, initial and continuing calibration blank results were reviewed for metals analyses to ensure that the instrument was free of target analytes. Based on the data review there was no calibration blank contamination.

1.3 Sample Holding Time (Reason Code H)

Sample holding times were evaluated by comparing the sample collection dates to the sample extraction and analysis dates. Extraction and analysis holding times were reviewed for all samples. Based on the review, all samples met their respective EPA Method extraction and analysis holding time requirements with the following exceptions:

SDG	Sample ID	Analysis
10G086	28OW-10-20100708	Nitrate
	28OW-11-20100708	Nitrate
	28OW-22-20100708	Nitrate
	28OW-23-20100708	Nitrate
	28OW-24-20100708	Nitrate
	28OW-9-20100708	Nitrate
10G085	28OW-2-20100709	Nitrate
	28OW-3-20100709	Nitrate
	28OW-4-20100709	Nitrate
	28OW-5-20100709	Nitrate
	28OW-7-20100709	Nitrate
10H310	28OW-05-081910	Nitrate
	28OW-06-081910	Nitrate
	28OW-07-081910	Nitrate
	28OW-01-081910	Nitrate
	28OW-02-082010	Nitrate
	28OW-03-082010	Nitrate
	28OW-04-082010	Nitrate

Notes:

ID *identification*

SDG *sample delivery group*

The holding time for Nitrate (E300.0) is 48 hours. Due to shipping time, the lab received some of the samples past the recommended hold time for the analysis. However, after receipt, the samples were immediately analyzed. In general, the holding time exceedances were minor. As shown on Table I-3, if Nitrate was not detected in the project samples, then the reporting limits (RLs) were qualified as estimated (UJ). If these analytes were detected in project samples, then they were qualified (J-) estimated with a potential low bias.

1.4 Surrogate Recovery (Reason Code S)

Surrogate standards are spike compounds added to field and laboratory QC samples for organic analysis to evaluate matrix effect and method performance on an individual sample basis. Based on the review, all surrogates recoveries for all samples were within specified control limits.

1.5 Laboratory Control Sample/Laboratory Control Sample Duplicate (Reason Code L)

The LCS is an aliquot of analyte-free sample matrix spiked with target analytes and is prepared with each analytical batch for each analysis. The recovery of target analytes from the LCS analysis is a measurement of method performance in an interference-free sample matrix. The review indicated that LCS analyses were performed for every laboratory QC batch. All of the LCS and LCSD recoveries met the established control criteria.

1.6 Matrix Spike/Matrix Spike Duplicate (Reason Code M)

The MS/MSD samples are a portion of a field sample spiked with target analytes, and are prepared with each analytical batch. The MS/MSD results are used to evaluate any bias introduced to the method due to matrix interference, and to measure accuracy and precision for each analytical batch. The following samples were used for MS/MSD analysis:

SDG	MS/MSD Sample Numbers	Analyses
10G056	28OW17-20100706	Dissolved Metals, Anions,
10G072	28OW21-20100707	VOCs, Dissolved Metals, Anions, TOC
10G086	28OW24-20100708	VOCs, Dissolved Metals, Anions, TOC
10G098	28OW08-20100712	Dissolved Metals
10H171	28OW23-081110	VOCs, Dissolved Metals, Anions, TOC
10H279	28OW10-081810	VOCs, Dissolved Metals, Anions, TOC
10H624	28OW13-082610	Dissolved Metals
10K086	28OW10-110810	VOCs, Dissolved Metals, Anions, TOC
10K130	28OW05-111010	Dissolved Metals
10K156	28OW23-111110	VOCs, Dissolved Metals, Anions, TOC
11A207	28OW10-012411	VOCs, Anions
11A215	28OW23-012511	VOCs, Anions
11A215	28OW24-012511	Dissolved Metals
11A215	28OW13-012511	TOC
11A246	28OW20-012711	Dissolved Metals, Anions
11A246	28OW06-012711	TOC

SDG	MS/MSD Sample Numbers	Analyses
11D107	28OW23-041111	VOCs, Dissolved Metals, Anions, TOC
11D107	28OW10-041111	VOCs, Dissolved Metals, Anions, TOC
11D143	28OW08-041311	Dissolved Metals, Anions,
11D143	28OW12-041311	TOC
11F188	28OW23-062011	VOCs
11F188	28OW10-062011	VOCs, Dissolved Metals, Anions, TOC
11F198	28OW03-062211	TOC

Notes:

MS/MSD *matrix spike/matrix spike duplicate*
SDG *sample delivery group*
TOC *total organic carbon*
VOC *volatile organic compound*

For all of the above MS/MSD analyses, percent recoveries and the RPDs between MS and MSD met established accuracy and precision requirements with the exception of the following:

SDG	MS/MSD Sample Numbers	Analyte	MS/MSD % Recovery /RPD	Acceptable Range
11F188	28OW10-062011	Manganese	18% / 18% / 1	75-125% / 20

Notes:

% *percent*
MS/MSD *MS/MSD matrix spike/matrix spike duplicate*
RPD *relative percent difference*
SDG *sample delivery group*

Parent sample results of the affected MS/MSD were outside specified control limits and were qualified as estimated (J) reason code M.

1.7 Inductively Coupled Plasma Serial Dilution (Reason Code A)

When a metal analyte concentration is greater than 100 times the instrument detection limit, a serial dilution analysis is performed. Results of the inductively coupled plasma serial dilution are used to determine if interference is present due to sample matrix. Two serial dilution results for manganese and one serial dilution result for iron were above the 10 percent control criteria. The post-digestion spikes for manganese and iron were within specified limits. The manganese and iron results for all samples in the following SDGs were qualified as estimated (J) or (UJ) due to possible matrix interference:

SDG	Sample ID	Analyte	Serial Dilution % Diff.	PDS % Recovery
10G072	28OW21-20100707	Manganese	12	78
10K130	28OW05-111010	Iron	15	116
10K156	28OW23-111111	Manganese	12	82

Notes:

%	*percent*
Diff.	
ID	*identification*
PDS	
SDG	*sample delivery group*

1.8 Initial Calibrations (Reason Code G1)

Instrument calibration is performed for each analysis according to the EPA method requirements. The linear analytical range is established for each method by analysis of standards prepared at increasing concentrations that cover the expected sample concentrations. The acceptability of the initial calibration is determined by calculation of a percent relative standard deviation or correlation coefficient. Based on the review, initial calibration requirements were met for all analyses.

1.9 Continuing Calibrations (Reason Code C)

Following initial calibrations and routinely during sample analysis, the stability of analytical systems is monitored by analysis of continuing calibration standards at concentrations near the mid-point of the linear range. All continuing calibration requirements were met for all methods with the following exceptions:

Analysis	SDG	Analytes
VOCs	10G056	Chloromethane
	10G072	Trichlorofluoromethane, 4-Chlorotoluene
	10G085	4-Chlorotoluene, Bromomethane
	10G098	Bromomethane
	10H024	Methyl tert-butyl ether
	10H171	2-Chlorotoluene, Chloromethane, n-Propylbenzene
	10H337	Trichloroethylene
	10H385	Trichloroethylene
	10H624	Methyl tert-butyl ether
	10K086	1,2,4-Trichlorobenzene, Naphthalene
	10K130	1,2,4-Trichlorobenzene, Naphthalene
	10K156	1,2,4-Trichlorobenzene, Naphthalene
	11A215	Bromomethane, Acetone
	11A246	Bromomethane, Acetone
	11D107	Carbon Disulfide, Chlormethane, Bromomethane
	11D119	Bromomethane
	11D143	Chloromethane
	11F188	Chloroethane
	11F198	Naphthalene

Notes:

SDG *sample delivery group*

VOC *volatile organic compound*

Percent differences between the initial calibration relative response factor and the continuing calibration relative response factor exceeded the 20 percent control requirement. As shown in Table I-3, if these analytes were not detected in the project samples, then the RLs were qualified as estimated (UJ), or if the analytes were detected in the project samples, then they were

qualified (J). The continuing calibration verification exceedances were minor and data usability was not affected due to the calibration deficiencies.

1.10 Trip Blanks (Reason Code K3)

Trip blanks were prepared at the laboratory and stored along with all groundwater samples for volatile analysis. Volatile samples were maintained in as few coolers as possible to minimize the number of required trip blanks. Table I-4 summarizes the detected trip blank results and associated sample results. During groundwater sampling, 28 sets of trip blanks were shipped to the laboratory with aqueous VOC samples. Methylene chloride detected in trip blanks did not result in any sample data qualification. Toluene detected in trip blanks resulted in sample results being qualified as not-detected (U) at the RL, as shown in Table I-4.

1.11 Equipment Rinse Blanks (Reason Code K1)

Equipment rinse blanks were collected when non-disposable sampling equipment was used (i.e., portable bladder pumps). Rinse blanks consist of reagent-grade water collected from the final rinse of the decontamination process. The rinsate samples were collected from the sampling equipment, placed in appropriate containers supplied by the analytical laboratory and analyzed for the same analytes as the field samples. Table I-5 summarizes the detected equipment rinse blank results and associated sample results. During groundwater sampling, 28 sets of equipment rinse blanks were shipped to the laboratory.

Trace concentrations of 1,1-dichloroethylene, acetone, chloroform, and toluene were detected in the equipment rinse blanks in the listed SDGs (Table I-5). The associated samples were qualified as not detected (U) at the RL. Source water is often a cause of rinse blank contamination and not a sign of poor decontamination techniques. Source water contamination will be investigated prior to use for future sampling events.

1.12 Field Duplicate

Field duplicate samples are collected at a minimum rate of 10 percent of the total number of groundwater samples. Field duplicate samples are evaluated by calculating the RPD between the sample and it's duplicate. The RPD is calculated using the following equation:

$$RPD = /(S-D)/[(S+D)/2]/ * 100$$

where:

D = duplicate result

S = sample result

Acceptable precision control criteria are established at less than 30 percent for waters. The RPD is calculated between pairs of field duplicate samples when both results are reported above the RL.

Table I-6 presents a summary of primary and duplicate samples results. As shown on Table I-6, RPDs exceeded the precision requirement for some samples. The RPD exceedances could be attributed to heterogeneity in the matrix. Sample results are not qualified due to exceedances in field duplicate precision. Precision cannot be accurately measured near the method detection limit (J qualified data between the method detection limit and the RL. In these cases, field duplicate data provides qualitative information about sample collection techniques or laboratory procedures. The precision requirement was met for all other duplicate pair results. The field duplicate results indicated acceptable sampling and analytical precision.

1.13 Summary

Based on the data review described above, there were no significant, systematic problems identified with the performance of any methods. All data are usable and available for project decisions. The data overall are of good technical quality and meet project objectives.

2.0 References

Shaw Environmental and Infrastructure, Inc., 2010, *Final Sampling and Analysis Plan, (Field Sampling Plan and Quality Assurance Project Plan) In Situ Anaerobic Biotic/Abiotic Treatability Study, IR Site 28, Former Naval Air Station Moffett Field, Moffett Field, California*.

U.S. Department of Defense, 2010, *Quality System Manual for Environmental Laboratories Version 4.2*, Final, October 25.

U.S. Environmental Protection Agency (EPA), 1996, *Test Methods for Evaluating Solid Waste*, SW-846 Physical/Chemical Methods.

EPA, 2002, *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*.

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Tables

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
7/6/2010	10G056	28OW-13-20100706	EMXT	NS	NA	NONE	7/8/2010	E300.0	III
7/6/2010	10G056	28OW-13-20100706	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/6/2010	10G056	28OW-13-20100706	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/6/2010	10G056	28OW-13-20100706	EMXT	NS	7/9/2010	METHOD	7/12/2010	SW6020A	III
7/6/2010	10G056	28OW-13-20100706	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/6/2010	10G056	28OW-13-20100706	EMXT	NS	7/16/2010	SW5030B	7/16/2010	SW8260B	III
7/6/2010	P1007106	28OW-13-20100706	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/6/2010	10G056	28OW-14-20100706	EMXT	NS	NA	NONE	7/8/2010	E300.0	III
7/6/2010	10G056	28OW-14-20100706	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/6/2010	10G056	28OW-14-20100706	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/6/2010	10G056	28OW-14-20100706	EMXT	NS	7/9/2010	METHOD	7/20/2010	SW6020A	III
7/6/2010	10G056	28OW-14-20100706	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/6/2010	10G056	28OW-14-20100706	EMXT	NS	7/19/2010	SW5030B	7/19/2010	SW8260B	III
7/6/2010	P1007106	28OW-14-20100706	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/6/2010	10G056	28OW-15-20100706	EMXT	NS	NA	NONE	7/8/2010	E300.0	III
7/6/2010	10G056	28OW-15-20100706	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/6/2010	10G056	28OW-15-20100706	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/6/2010	10G056	28OW-15-20100706	EMXT	NS	7/9/2010	METHOD	7/20/2010	SW6020A	III
7/6/2010	10G056	28OW-15-20100706	EMXT	NS	7/16/2010	SW5030B	7/16/2010	SW8260B	III
7/6/2010	10G056	28OW-15-20100706	EMXT	NS	7/19/2010	SW5030B	7/19/2010	SW8260B	III
7/6/2010	P1007106	28OW-15-20100706	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/6/2010	10G056	28OW-16-20100706	EMXT	NS	NA	NONE	7/8/2010	E300.0	III
7/6/2010	10G056	28OW-16-20100706	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/6/2010	10G056	28OW-16-20100706	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/6/2010	10G056	28OW-16-20100706	EMXT	NS	7/9/2010	METHOD	7/20/2010	SW6020A	III
7/6/2010	10G056	28OW-16-20100706	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/6/2010	10G056	28OW-16-20100706	EMXT	NS	7/16/2010	SW5030B	7/16/2010	SW8260B	III
7/6/2010	P1007106	28OW-16-20100706	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/6/2010	10G056	28OW-17-20100706	EMXT	NS	NA	NONE	7/8/2010	E300.0	III
7/6/2010	10G056	28OW-17-20100706	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/6/2010	10G056	28OW-17-20100706	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/6/2010	10G056	28OW-17-20100706	EMXT	NS	7/9/2010	METHOD	7/12/2010	SW6020A	III
7/6/2010	10G056	28OW-17-20100706	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/6/2010	10G056	28OW-17-20100706	EMXT	NS	7/16/2010	SW5030B	7/16/2010	SW8260B	III
7/6/2010	P1007106	28OW-17-20100706	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/6/2010	10G056	W9-18-20100706	EMXT	NS	NA	NONE	7/8/2010	E300.0	III
7/6/2010	10G056	W9-18-20100706	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
7/6/2010	10G056	W9-18-20100706	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/6/2010	10G056	W9-18-20100706	EMXT	NS	7/9/2010	METHOD	7/20/2010	SW6020A	III
7/6/2010	10G056	W9-18-20100706	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/6/2010	10G056	W9-18-20100706	EMXT	NS	7/19/2010	SW5030B	7/19/2010	SW8260B	III
7/6/2010	P1007106	W9-18-20100706	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/7/2010	10G072	28OW-18-20100707	EMXT	NS	NA	NONE	7/9/2010	E300.0	III
7/7/2010	10G072	28OW-18-20100707	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/7/2010	10G072	28OW-18-20100707	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/7/2010	10G072	28OW-18-20100707	EMXT	NS	7/13/2010	METHOD	7/16/2010	SW6020A	III
7/7/2010	10G072	28OW-18-20100707	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/7/2010	10G072	28OW-18-20100707	EMXT	NS	7/16/2010	SW5030B	7/16/2010	SW8260B	III
7/7/2010	P1007106	28OW-18-20100707	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/7/2010	10G072	28OW-19-20100707	EMXT	NS	NA	NONE	7/9/2010	E300.0	III
7/7/2010	10G072	28OW-19-20100707	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/7/2010	10G072	28OW-19-20100707	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/7/2010	10G072	28OW-19-20100707	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/7/2010	10G072	28OW-19-20100707	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/7/2010	10G072	28OW-19-20100707	EMXT	NS	7/16/2010	SW5030B	7/16/2010	SW8260B	III
7/7/2010	P1007106	28OW-19-20100707	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/7/2010	10G072	28OW-20-20100707	EMXT	NS	NA	NONE	7/9/2010	E300.0	III
7/7/2010	10G072	28OW-20-20100707	EMXT	NS	NA	NONE	7/13/2010	E300.0	III
7/7/2010	10G072	28OW-20-20100707	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/7/2010	10G072	28OW-20-20100707	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/7/2010	10G072	28OW-20-20100707	EMXT	NS	7/13/2010	METHOD	7/16/2010	SW6020A	III
7/7/2010	10G072	28OW-20-20100707	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/7/2010	P1007106	28OW-20-20100707	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/7/2010	10G072	28OW-21-20100707	EMXT	NS	NA	NONE	7/9/2010	E300.0	III
7/7/2010	10G072	28OW-21-20100707	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/7/2010	10G072	28OW-21-20100707	EMXT	NS	NA	NONE	7/12/2010	SM5310B	III
7/7/2010	10G072	28OW-21-20100707	EMXT	NS	7/13/2010	METHOD	7/16/2010	SW6020A	III
7/7/2010	10G072	28OW-21-20100707	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/7/2010	10G072	28OW-21-20100707	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/7/2010	P1007106	28OW-21-20100707	MCSP	NS	7/18/2010	PM01G	7/18/2010	AM20GAX	III
7/8/2010	10G086	28OW-10-20100708	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/8/2010	10G086	28OW-10-20100708	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/8/2010	10G086	28OW-10-20100708	EMXT	NS	NA	NONE	7/13/2010	SM5310B	III
7/8/2010	10G086	28OW-10-20100708	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
7/8/2010	10G086	28OW-10-20100708	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/8/2010	P1007149	28OW-10-20100708	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/8/2010	10G086	28OW-11-20100708	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/8/2010	10G086	28OW-11-20100708	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/8/2010	10G086	28OW-11-20100708	EMXT	NS	NA	NONE	7/13/2010	SM5310B	III
7/8/2010	10G086	28OW-11-20100708	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/8/2010	10G086	28OW-11-20100708	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/8/2010	P1007149	28OW-11-20100708	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/8/2010	10G086	28OW-22-20100708	EMXT	NS1	NA	NONE	7/12/2010	E300.0	III
7/8/2010	10G086	28OW-22-20100708	EMXT	NS1	NA	NONE	7/14/2010	E300.0	III
7/8/2010	10G086	28OW-22-20100708	EMXT	NS1	NA	NONE	7/14/2010	SM2320B	III
7/8/2010	10G086	28OW-22-20100708	EMXT	NS1	NA	NONE	7/13/2010	SM5310B	III
7/8/2010	10G086	28OW-22-20100708	EMXT	NS1	7/13/2010	METHOD	7/21/2010	SW6020A	III
7/8/2010	10G086	28OW-22-20100708	EMXT	NS1	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/8/2010	10G086	28OW-22-20100708	EMXT	NS1	7/20/2010	SW5030B	7/20/2010	SW8260B	III
7/8/2010	P1007149	28OW-22-20100708	MCSP	NS1	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/8/2010	10G086	28OW-23-20100708	EMXT	NS1	NA	NONE	7/12/2010	E300.0	III
7/8/2010	10G086	28OW-23-20100708	EMXT	NS1	NA	NONE	7/14/2010	SM2320B	III
7/8/2010	10G086	28OW-23-20100708	EMXT	NS1	NA	NONE	7/13/2010	SM5310B	III
7/8/2010	10G086	28OW-23-20100708	EMXT	NS1	7/13/2010	METHOD	7/21/2010	SW6020A	III
7/8/2010	10G086	28OW-23-20100708	EMXT	NS1	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/8/2010	10G086	28OW-23-20100708	EMXT	NS1	7/21/2010	SW5030B	7/21/2010	SW8260B	III
7/8/2010	P1007149	28OW-23-20100708	MCSP	NS1	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/8/2010	10G086	28OW-24-20100708	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/8/2010	10G086	28OW-24-20100708	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/8/2010	10G086	28OW-24-20100708	EMXT	NS	NA	NONE	7/13/2010	SM5310B	III
7/8/2010	10G086	28OW-24-20100708	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/8/2010	10G086	28OW-24-20100708	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/8/2010	10G086	28OW-24-20100708	EMXT	NS	7/21/2010	SW5030B	7/21/2010	SW8260B	III
7/8/2010	P1007149	28OW-24-20100708	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/8/2010	10G086	28OW-9-20100708	EMXT	NS1	NA	NONE	7/12/2010	E300.0	III
7/8/2010	10G086	28OW-9-20100708	EMXT	NS1	NA	NONE	7/14/2010	SM2320B	III
7/8/2010	10G086	28OW-9-20100708	EMXT	NS1	NA	NONE	7/14/2010	SM5310B	III
7/8/2010	10G086	28OW-9-20100708	EMXT	NS1	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/8/2010	10G086	28OW-9-20100708	EMXT	NS1	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/8/2010	P1007149	28OW-9-20100708	MCSP	NS1	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/8/2010	10G086	MW9901-20100708	EMXT	FD	7/13/2010	SW5030B	7/13/2010	SW8260B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
7/8/2010	10G086	MW9901-20100708	EMXT	FD	7/20/2010	SW5030B	7/20/2010	SW8260B	III
7/8/2010	10G086	MW9902-20100708	EMXT	FD	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/8/2010	10G086	MW9902-20100708	EMXT	FD	7/21/2010	SW5030B	7/21/2010	SW8260B	III
7/8/2010	10G086	MW9903-20100708	EMXT	FD	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/9/2010	10G085	28OW-1-20100709	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/9/2010	10G085	28OW-1-20100709	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/9/2010	10G085	28OW-1-20100709	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/9/2010	10G085	28OW-1-20100709	EMXT	NS	NA	NONE	7/14/2010	SM5310B	III
7/9/2010	10G085	28OW-1-20100709	EMXT	NS	7/13/2010	METHOD	7/16/2010	SW6020A	III
7/9/2010	10G085	28OW-1-20100709	EMXT	NS	7/12/2010	SW5030B	7/12/2010	SW8260B	III
7/9/2010	10G085	28OW-1-20100709	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/9/2010	P1007149	28OW-1-20100709	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/9/2010	10G085	28OW-2-20100709	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/9/2010	10G085	28OW-2-20100709	EMXT	NS	NA	NONE	7/13/2010	E300.0	III
7/9/2010	10G085	28OW-2-20100709	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/9/2010	10G085	28OW-2-20100709	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/9/2010	10G085	28OW-2-20100709	EMXT	NS	NA	NONE	7/13/2010	SM5310B	III
7/9/2010	10G085	28OW-2-20100709	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/9/2010	10G085	28OW-2-20100709	EMXT	NS	7/16/2010	SW5030B	7/16/2010	SW8260B	III
7/9/2010	P1007149	28OW-2-20100709	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/9/2010	10G085	28OW-3-20100709	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/9/2010	10G085	28OW-3-20100709	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/9/2010	10G085	28OW-3-20100709	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/9/2010	10G085	28OW-3-20100709	EMXT	NS	NA	NONE	7/13/2010	SM5310B	III
7/9/2010	10G085	28OW-3-20100709	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/9/2010	10G085	28OW-3-20100709	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/9/2010	10G085	28OW-3-20100709	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/9/2010	P1007149	28OW-3-20100709	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/9/2010	10G085	28OW-4-20100709	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/9/2010	10G085	28OW-4-20100709	EMXT	NS	NA	NONE	7/13/2010	E300.0	III
7/9/2010	10G085	28OW-4-20100709	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/9/2010	10G085	28OW-4-20100709	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/9/2010	10G085	28OW-4-20100709	EMXT	NS	NA	NONE	7/13/2010	SM5310B	III
7/9/2010	10G085	28OW-4-20100709	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/9/2010	10G085	28OW-4-20100709	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/9/2010	10G085	28OW-4-20100709	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/9/2010	P1007149	28OW-4-20100709	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
7/9/2010	10G085	28OW-5-20100709	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/9/2010	10G085	28OW-5-20100709	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/9/2010	10G085	28OW-5-20100709	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/9/2010	10G085	28OW-5-20100709	EMXT	NS	NA	NONE	7/13/2010	SM5310B	III
7/9/2010	10G085	28OW-5-20100709	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/9/2010	10G085	28OW-5-20100709	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/9/2010	10G085	28OW-5-20100709	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/9/2010	P1007149	28OW-5-20100709	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/9/2010	10G085	28OW-7-20100709	EMXT	NS	NA	NONE	7/12/2010	E300.0	III
7/9/2010	10G085	28OW-7-20100709	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/9/2010	10G085	28OW-7-20100709	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/9/2010	10G085	28OW-7-20100709	EMXT	NS	NA	NONE	7/13/2010	SM5310B	III
7/9/2010	10G085	28OW-7-20100709	EMXT	NS	7/13/2010	METHOD	7/20/2010	SW6020A	III
7/9/2010	10G085	28OW-7-20100709	EMXT	NS	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/9/2010	10G085	28OW-7-20100709	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/9/2010	P1007149	28OW-7-20100709	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/12/2010	10G098	28OW-12-20100712	EMXT	NS	NA	NONE	7/13/2010	E300.0	III
7/12/2010	10G098	28OW-12-20100712	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/12/2010	10G098	28OW-12-20100712	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/12/2010	10G098	28OW-12-20100712	EMXT	NS	NA	NONE	7/14/2010	SM5310B	III
7/12/2010	10G098	28OW-12-20100712	EMXT	NS	7/14/2010	METHOD	7/22/2010	SW6020A	III
7/12/2010	10G098	28OW-12-20100712	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/12/2010	10G098	28OW-12-20100712	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/12/2010	10G098	28OW-12-20100712	EMXT	NS	7/21/2010	SW5030B	7/21/2010	SW8260B	III
7/12/2010	P1007149	28OW-12-20100712	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/12/2010	10G098	28OW-6-20100712	EMXT	NS	NA	NONE	7/13/2010	E300.0	III
7/12/2010	10G098	28OW-6-20100712	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/12/2010	10G098	28OW-6-20100712	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/12/2010	10G098	28OW-6-20100712	EMXT	NS	NA	NONE	7/14/2010	SM5310B	III
7/12/2010	10G098	28OW-6-20100712	EMXT	NS	7/14/2010	METHOD	7/22/2010	SW6020A	III
7/12/2010	10G098	28OW-6-20100712	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/12/2010	10G098	28OW-6-20100712	EMXT	NS	7/21/2010	SW5030B	7/21/2010	SW8260B	III
7/12/2010	P1007149	28OW-6-20100712	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/12/2010	10G098	28OW-8-20100712	EMXT	NS	NA	NONE	7/13/2010	E300.0	III
7/12/2010	10G098	28OW-8-20100712	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/12/2010	10G098	28OW-8-20100712	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/12/2010	10G098	28OW-8-20100712	EMXT	NS	NA	NONE	7/14/2010	SM5310B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
7/12/2010	10G098	28OW-8-20100712	EMXT	NS	7/14/2010	METHOD	7/22/2010	SW6020A	III
7/12/2010	10G098	28OW-8-20100712	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/12/2010	10G098	28OW-8-20100712	EMXT	NS	7/21/2010	SW5030B	7/21/2010	SW8260B	III
7/12/2010	P1007149	28OW-8-20100712	MCSP	NS	7/21/2010	PM01G	7/21/2010	AM20GAX	III
7/12/2010	10G098	W9-29-20100712	EMXT	NS	NA	NONE	7/13/2010	E300.0	III
7/12/2010	10G098	W9-29-20100712	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/12/2010	10G098	W9-29-20100712	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/12/2010	10G098	W9-29-20100712	EMXT	NS	NA	NONE	7/14/2010	SM5310B	III
7/12/2010	10G098	W9-29-20100712	EMXT	NS	7/14/2010	METHOD	7/22/2010	SW6020A	III
7/12/2010	10G098	W9-29-20100712	EMXT	NS	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/12/2010	10G098	W9-29-20100712	EMXT	NS	7/21/2010	SW5030B	7/21/2010	SW8260B	III
7/12/2010	P1007149	W9-29-20100712	MCSP	NS	7/23/2010	PM01G	7/23/2010	AM20GAX	III
7/12/2010	10G098	W9-42-20100712	EMXT	NS	NA	NONE	7/13/2010	E300.0	III
7/12/2010	10G098	W9-42-20100712	EMXT	NS	NA	NONE	7/14/2010	E300.0	III
7/12/2010	10G098	W9-42-20100712	EMXT	NS	NA	NONE	7/14/2010	SM2320B	III
7/12/2010	10G098	W9-42-20100712	EMXT	NS	NA	NONE	7/14/2010	SM5310B	III
7/12/2010	10G098	W9-42-20100712	EMXT	NS	7/14/2010	METHOD	7/22/2010	SW6020A	III
7/12/2010	10G098	W9-42-20100712	EMXT	NS	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/12/2010	10G098	W9-42-20100712	EMXT	NS	7/21/2010	SW5030B	7/21/2010	SW8260B	III
7/12/2010	P1007149	W9-42-20100712	MCSP	NS	7/23/2010	PM01G	7/23/2010	AM20GAX	III
8/3/2010	10H024	28OW-18-080310	EMXT	NS	NA	NONE	8/4/2010	E300.0	III
8/3/2010	10H024	28OW-18-080310	EMXT	NS	NA	NONE	8/10/2010	SM2320B	III
8/3/2010	10H024	28OW-18-080310	EMXT	NS	NA	NONE	8/5/2010	SM5310B	III
8/3/2010	10H024	28OW-18-080310	EMXT	NS	8/10/2010	METHOD	8/19/2010	SW6020A	III
8/3/2010	10H024	28OW-18-080310	EMXT	NS	8/7/2010	SW5030B	8/7/2010	SW8260B	III
8/3/2010	10H024	28OW-18-080310	EMXT	NS	8/8/2010	SW5030B	8/8/2010	SW8260B	III
8/3/2010	P1008039	28OW-18-080310	MCSP	NS	8/12/2010	PM01G	8/12/2010	AM20GAX	III
8/10/2010	10H171	28OW-21-081010	EMXT	NS1	NA	NONE	8/13/2010	E300.0	III
8/10/2010	10H171	28OW-21-081010	EMXT	NS1	NA	NONE	8/20/2010	SM2320B	III
8/10/2010	10H171	28OW-21-081010	EMXT	NS1	NA	NONE	8/21/2010	SM5310B	III
8/10/2010	10H171	28OW-21-081010	EMXT	NS1	8/25/2010	METHOD	8/25/2010	SW6020A	III
8/10/2010	10H171	28OW-21-081010	EMXT	NS1	8/21/2010	SW5030B	8/21/2010	SW8260B	III
8/10/2010	P1008161	28OW-21-081010	MCSP	NS1	8/20/2010	PM01G	8/20/2010	AM20GAX	III
8/10/2010	10H171	28OW-22-081010	EMXT	NS	NA	NONE	8/13/2010	E300.0	III
8/10/2010	10H171	28OW-22-081010	EMXT	NS	NA	NONE	8/20/2010	SM2320B	III
8/10/2010	10H171	28OW-22-081010	EMXT	NS	NA	NONE	8/21/2010	SM5310B	III
8/10/2010	10H171	28OW-22-081010	EMXT	NS	8/25/2010	METHOD	8/25/2010	SW6020A	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
8/10/2010	10H171	28OW-22-081010	EMXT	NS	8/18/2010	SW5030B	8/18/2010	SW8260B	III
8/10/2010	10H171	28OW-22-081010	EMXT	NS	8/21/2010	SW5030B	8/21/2010	SW8260B	III
8/10/2010	P1008161	28OW-22-081010	MCSP	NS	8/20/2010	PM01G	8/20/2010	AM20GAX	III
8/10/2010	10H171	28OW-24-081010	EMXT	NS	NA	NONE	8/13/2010	E300.0	III
8/10/2010	10H171	28OW-24-081010	EMXT	NS	NA	NONE	8/20/2010	SM2320B	III
8/10/2010	10H171	28OW-24-081010	EMXT	NS	NA	NONE	8/21/2010	SM5310B	III
8/10/2010	10H171	28OW-24-081010	EMXT	NS	8/25/2010	METHOD	8/25/2010	SW6020A	III
8/10/2010	10H171	28OW-24-081010	EMXT	NS	8/21/2010	SW5030B	8/21/2010	SW8260B	III
8/10/2010	10H171	28OW-24-081010	EMXT	NS	8/22/2010	SW5030B	8/22/2010	SW8260B	III
8/10/2010	P1008161	28OW-24-081010	MCSP	NS	8/20/2010	PM01G	8/20/2010	AM20GAX	III
8/10/2010	10H171	MW9901-081010	EMXT	FD	8/21/2010	SW5030B	8/21/2010	SW8260B	III
8/11/2010	10H171	28OW-19-081110	EMXT	NS	NA	NONE	8/13/2010	E300.0	III
8/11/2010	10H171	28OW-19-081110	EMXT	NS	NA	NONE	8/20/2010	SM2320B	III
8/11/2010	10H171	28OW-19-081110	EMXT	NS	NA	NONE	8/21/2010	SM5310B	III
8/11/2010	10H171	28OW-19-081110	EMXT	NS	8/25/2010	METHOD	8/25/2010	SW6020A	III
8/11/2010	10H171	28OW-19-081110	EMXT	NS	8/21/2010	SW5030B	8/21/2010	SW8260B	III
8/11/2010	10H171	28OW-19-081110	EMXT	NS	8/22/2010	SW5030B	8/22/2010	SW8260B	III
8/11/2010	P1008161	28OW-19-081110	MCSP	NS	8/20/2010	PM01G	8/20/2010	AM20GAX	III
8/11/2010	10H171	28OW-20-081110	EMXT	NS	NA	NONE	8/13/2010	E300.0	III
8/11/2010	10H171	28OW-20-081110	EMXT	NS	NA	NONE	8/20/2010	SM2320B	III
8/11/2010	10H171	28OW-20-081110	EMXT	NS	NA	NONE	8/21/2010	SM5310B	III
8/11/2010	10H171	28OW-20-081110	EMXT	NS	8/25/2010	METHOD	8/25/2010	SW6020A	III
8/11/2010	10H171	28OW-20-081110	EMXT	NS	8/21/2010	SW5030B	8/21/2010	SW8260B	III
8/11/2010	10H171	28OW-20-081110	EMXT	NS	8/22/2010	SW5030B	8/22/2010	SW8260B	III
8/11/2010	P1008161	28OW-20-081110	MCSP	NS	8/20/2010	PM01G	8/20/2010	AM20GAX	III
8/11/2010	10H171	28OW-23-081110	EMXT	NS	NA	NONE	8/13/2010	E300.0	III
8/11/2010	10H171	28OW-23-081110	EMXT	NS	NA	NONE	8/20/2010	SM2320B	III
8/11/2010	10H171	28OW-23-081110	EMXT	NS	NA	NONE	8/21/2010	SM5310B	III
8/11/2010	10H171	28OW-23-081110	EMXT	NS	8/25/2010	METHOD	8/25/2010	SW6020A	III
8/11/2010	10H171	28OW-23-081110	EMXT	NS	8/21/2010	SW5030B	8/21/2010	SW8260B	III
8/11/2010	10H171	28OW-23-081110	EMXT	NS	8/22/2010	SW5030B	8/22/2010	SW8260B	III
8/11/2010	P1008161	28OW-23-081110	MCSP	NS	8/20/2010	PM01G	8/20/2010	AM20GAX	III
8/18/2010	10H279	28OW-09-081810	EMXT	NS1	NA	NONE	8/20/2010	E300.0	III
8/18/2010	10H279	28OW-09-081810	EMXT	NS1	NA	NONE	8/28/2010	SM2320B	III
8/18/2010	10H279	28OW-09-081810	EMXT	NS1	NA	NONE	8/23/2010	SM5310B	III
8/18/2010	10H279	28OW-09-081810	EMXT	NS1	8/30/2010	METHOD	8/31/2010	SW6020A	III
8/18/2010	10H279	28OW-09-081810	EMXT	NS1	8/25/2010	SW5030B	8/25/2010	SW8260B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
8/18/2010	P1008255	28OW-09-081810	MCSP	NS1	8/26/2010	PM01G	8/26/2010	AM20GAX	III
8/18/2010	10H279	28OW-10-081810	EMXT	NS	NA	NONE	8/20/2010	E300.0	III
8/18/2010	10H279	28OW-10-081810	EMXT	NS	NA	NONE	8/28/2010	SM2320B	III
8/18/2010	10H279	28OW-10-081810	EMXT	NS	NA	NONE	8/23/2010	SM5310B	III
8/18/2010	10H279	28OW-10-081810	EMXT	NS	8/30/2010	METHOD	8/31/2010	SW6020A	III
8/18/2010	10H279	28OW-10-081810	EMXT	NS	8/25/2010	SW5030B	8/25/2010	SW8260B	III
8/18/2010	10H279	28OW-10-081810	EMXT	NS	8/30/2010	SW5030B	8/30/2010	SW8260B	III
8/18/2010	P1008255	28OW-10-081810	MCSP	NS	8/26/2010	PM01G	8/26/2010	AM20GAX	III
8/18/2010	10H279	28OW-11-081810	EMXT	NS	NA	NONE	8/20/2010	E300.0	III
8/18/2010	10H279	28OW-11-081810	EMXT	NS	NA	NONE	8/28/2010	SM2320B	III
8/18/2010	10H279	28OW-11-081810	EMXT	NS	NA	NONE	8/24/2010	SM5310B	III
8/18/2010	10H279	28OW-11-081810	EMXT	NS	8/30/2010	METHOD	8/31/2010	SW6020A	III
8/18/2010	10H279	28OW-11-081810	EMXT	NS	8/25/2010	SW5030B	8/25/2010	SW8260B	III
8/18/2010	P1008255	28OW-11-081810	MCSP	NS	8/26/2010	PM01G	8/26/2010	AM20GAX	III
8/18/2010	10H279	28OW-12-081810	EMXT	NS	NA	NONE	8/20/2010	E300.0	III
8/18/2010	10H279	28OW-12-081810	EMXT	NS	NA	NONE	8/28/2010	SM2320B	III
8/18/2010	10H279	28OW-12-081810	EMXT	NS	NA	NONE	8/25/2010	SM5310B	III
8/18/2010	10H279	28OW-12-081810	EMXT	NS	8/30/2010	METHOD	8/31/2010	SW6020A	III
8/18/2010	10H279	28OW-12-081810	EMXT	NS	8/25/2010	SW5030B	8/25/2010	SW8260B	III
8/18/2010	P1008255	28OW-12-081810	MCSP	NS	8/26/2010	PM01G	8/26/2010	AM20GAX	III
8/18/2010	10H279	MW9902-081810	EMXT	FD	8/25/2010	SW5030B	8/25/2010	SW8260B	III
8/19/2010	10H310	28OW-05-081910	EMXT	NS	NA	NONE	8/23/2010	E300.0	III
8/19/2010	10H310	28OW-05-081910	EMXT	NS	NA	NONE	9/1/2010	SM2320B	III
8/19/2010	10H310	28OW-05-081910	EMXT	NS	NA	NONE	8/27/2010	SM5310B	III
8/19/2010	10H310	28OW-05-081910	EMXT	NS	8/30/2010	FLDFLT	8/31/2010	SW6020A	III
8/19/2010	10H310	28OW-05-081910	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/19/2010	10H310	28OW-05-081910	EMXT	NS	8/28/2010	SW5030B	8/28/2010	SW8260B	III
8/19/2010	P1008276	28OW-05-081910	MCSP	NS	9/1/2010	PM01G	9/1/2010	AM20GAX	III
8/19/2010	10H310	28OW-06-081910	EMXT	NS	NA	NONE	8/23/2010	E300.0	III
8/19/2010	10H310	28OW-06-081910	EMXT	NS	NA	NONE	9/1/2010	SM2320B	III
8/19/2010	10H310	28OW-06-081910	EMXT	NS	NA	NONE	8/27/2010	SM5310B	III
8/19/2010	10H310	28OW-06-081910	EMXT	NS	8/30/2010	FLDFLT	8/31/2010	SW6020A	III
8/19/2010	10H310	28OW-06-081910	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/19/2010	10H310	28OW-06-081910	EMXT	NS	8/28/2010	SW5030B	8/28/2010	SW8260B	III
8/19/2010	P1008276	28OW-06-081910	MCSP	NS	9/1/2010	PM01G	9/1/2010	AM20GAX	III
8/19/2010	10H310	28OW-07-081910	EMXT	NS	NA	NONE	8/23/2010	E300.0	III
8/19/2010	10H310	28OW-07-081910	EMXT	NS	NA	NONE	9/1/2010	SM2320B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
8/19/2010	10H310	28OW-07-081910	EMXT	NS	NA	NONE	8/27/2010	SM5310B	III
8/19/2010	10H310	28OW-07-081910	EMXT	NS	8/30/2010	FLDFLT	8/31/2010	SW6020A	III
8/19/2010	10H310	28OW-07-081910	EMXT	NS	8/28/2010	SW5030B	8/28/2010	SW8260B	III
8/19/2010	P1008276	28OW-07-081910	MCSP	NS	9/1/2010	PM01G	9/1/2010	AM20GAX	III
8/20/2010	10H310	28OW-01-082010	EMXT	NS	NA	NONE	8/23/2010	E300.0	III
8/20/2010	10H310	28OW-01-082010	EMXT	NS	NA	NONE	9/1/2010	SM2320B	III
8/20/2010	10H310	28OW-01-082010	EMXT	NS	NA	NONE	8/25/2010	SM5310B	III
8/20/2010	10H310	28OW-01-082010	EMXT	NS	8/30/2010	FLDFLT	8/31/2010	SW6020A	III
8/20/2010	10H310	28OW-01-082010	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/20/2010	10H310	28OW-01-082010	EMXT	NS	8/28/2010	SW5030B	8/28/2010	SW8260B	III
8/20/2010	P1008276	28OW-01-082010	MCSP	NS	9/1/2010	PM01G	9/1/2010	AM20GAX	III
8/20/2010	10H310	28OW-02-082010	EMXT	NS	NA	NONE	8/23/2010	E300.0	III
8/20/2010	10H310	28OW-02-082010	EMXT	NS	NA	NONE	9/1/2010	SM2320B	III
8/20/2010	10H310	28OW-02-082010	EMXT	NS	NA	NONE	8/27/2010	SM5310B	III
8/20/2010	10H310	28OW-02-082010	EMXT	NS	8/30/2010	FLDFLT	8/31/2010	SW6020A	III
8/20/2010	10H310	28OW-02-082010	EMXT	NS	8/26/2010	SW5030B	8/26/2010	SW8260B	III
8/20/2010	10H310	28OW-02-082010	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/20/2010	P1008276	28OW-02-082010	MCSP	NS	9/1/2010	PM01G	9/1/2010	AM20GAX	III
8/20/2010	10H310	28OW-03-082010	EMXT	NS	NA	NONE	8/23/2010	E300.0	III
8/20/2010	10H310	28OW-03-082010	EMXT	NS	NA	NONE	9/1/2010	SM2320B	III
8/20/2010	10H310	28OW-03-082010	EMXT	NS	NA	NONE	8/25/2010	SM5310B	III
8/20/2010	10H310	28OW-03-082010	EMXT	NS	8/30/2010	FLDFLT	8/31/2010	SW6020A	III
8/20/2010	10H310	28OW-03-082010	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/20/2010	P1008276	28OW-03-082010	MCSP	NS	9/1/2010	PM01G	9/1/2010	AM20GAX	III
8/20/2010	10H310	28OW-04-082010	EMXT	NS	NA	NONE	8/23/2010	E300.0	III
8/20/2010	10H310	28OW-04-082010	EMXT	NS	NA	NONE	9/1/2010	SM2320B	III
8/20/2010	10H310	28OW-04-082010	EMXT	NS	NA	NONE	8/25/2010	SM5310B	III
8/20/2010	10H310	28OW-04-082010	EMXT	NS	8/30/2010	FLDFLT	8/31/2010	SW6020A	III
8/20/2010	10H310	28OW-04-082010	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/20/2010	P1008276	28OW-04-082010	MCSP	NS	9/1/2010	PM01G	9/1/2010	AM20GAX	III
8/24/2010	10H337	28OW-08-082410	EMXT	NS	NA	NONE	8/25/2010	E300.0	III
8/24/2010	10H337	28OW-08-082410	EMXT	NS	NA	NONE	8/28/2010	SM2320B	III
8/24/2010	10H337	28OW-08-082410	EMXT	NS	NA	NONE	8/31/2010	SM5310B	III
8/24/2010	10H337	28OW-08-082410	EMXT	NS	9/2/2010	FLDFLT	9/2/2010	SW6020A	III
8/24/2010	10H337	28OW-08-082410	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/24/2010	P1008370	28OW-08-082410	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/24/2010	10H337	W9-29-082410	EMXT	NS	NA	NONE	8/25/2010	E300.0	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
8/24/2010	10H337	W9-29-082410	EMXT	NS	NA	NONE	8/28/2010	SM2320B	III
8/24/2010	10H337	W9-29-082410	EMXT	NS	NA	NONE	8/27/2010	SM5310B	III
8/24/2010	10H337	W9-29-082410	EMXT	NS	9/2/2010	FLDFLT	9/2/2010	SW6020A	III
8/24/2010	10H337	W9-29-082410	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/24/2010	P1008370	W9-29-082410	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/24/2010	10H337	W9-42-082410	EMXT	NS	NA	NONE	8/25/2010	E300.0	III
8/24/2010	10H337	W9-42-082410	EMXT	NS	NA	NONE	8/28/2010	SM2320B	III
8/24/2010	10H337	W9-42-082410	EMXT	NS	NA	NONE	9/10/2010	SM5310B	III
8/24/2010	10H337	W9-42-082410	EMXT	NS	9/2/2010	FLDFLT	9/8/2010	SW6020A	III
8/24/2010	10H337	W9-42-082410	EMXT	NS	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/24/2010	10H337	W9-42-082410	EMXT	NS	8/30/2010	SW5030B	8/30/2010	SW8260B	III
8/24/2010	P1008370	W9-42-082410	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/25/2010	10H385	28OW-14-082510	EMXT	NS	NA	NONE	8/27/2010	E300.0	III
8/25/2010	10H385	28OW-14-082510	EMXT	NS	NA	NONE	9/8/2010	SM2320B	III
8/25/2010	10H385	28OW-14-082510	EMXT	NS	NA	NONE	8/31/2010	SM5310B	III
8/25/2010	10H385	28OW-14-082510	EMXT	NS	9/2/2010	FLDFLT	9/2/2010	SW6020A	III
8/25/2010	10H385	28OW-14-082510	EMXT	NS	8/28/2010	SW5030B	8/28/2010	SW8260B	III
8/25/2010	P1008370	28OW-14-082510	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/25/2010	10H385	28OW-17-082510	EMXT	NS1	NA	NONE	8/27/2010	E300.0	III
8/25/2010	10H385	28OW-17-082510	EMXT	NS1	NA	NONE	9/8/2010	SM2320B	III
8/25/2010	10H385	28OW-17-082510	EMXT	NS1	NA	NONE	8/31/2010	SM5310B	III
8/25/2010	10H385	28OW-17-082510	EMXT	NS1	9/2/2010	FLDFLT	9/2/2010	SW6020A	III
8/25/2010	10H385	28OW-17-082510	EMXT	NS1	8/28/2010	SW5030B	8/28/2010	SW8260B	III
8/25/2010	10H385	28OW-17-082510	EMXT	NS1	8/31/2010	SW5030B	8/31/2010	SW8260B	III
8/25/2010	P1008370	28OW-17-082510	MCSP	NS1	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/25/2010	10H385	28OW-18-082510	EMXT	NS	NA	NONE	8/27/2010	E300.0	III
8/25/2010	10H385	28OW-18-082510	EMXT	NS	NA	NONE	8/28/2010	E300.0	III
8/25/2010	10H385	28OW-18-082510	EMXT	NS	NA	NONE	9/8/2010	SM2320B	III
8/25/2010	10H385	28OW-18-082510	EMXT	NS	NA	NONE	8/31/2010	SM5310B	III
8/25/2010	10H385	28OW-18-082510	EMXT	NS	9/2/2010	FLDFLT	9/2/2010	SW6020A	III
8/25/2010	10H385	28OW-18-082510	EMXT	NS	8/28/2010	SW5030B	8/28/2010	SW8260B	III
8/25/2010	P1008370	28OW-18-082510	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/25/2010	10H385	MW9903-082510	EMXT	FD	8/28/2010	SW5030B	8/28/2010	SW8260B	III
8/25/2010	10H385	MW9903-082510	EMXT	FD	8/31/2010	SW5030B	8/31/2010	SW8260B	III
8/26/2010	10H624	28OW-13-082610	EMXT	NS	NA	NONE	8/30/2010	E300.0	III
8/26/2010	10H624	28OW-13-082610	EMXT	NS	NA	NONE	9/8/2010	SM2320B	III
8/26/2010	10H624	28OW-13-082610	EMXT	NS	NA	NONE	8/31/2010	SM5310B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
8/26/2010	10H624	28OW-13-082610	EMXT	NS	9/15/2010	FLDFLT	9/16/2010	SW6020A	III
8/26/2010	10H624	28OW-13-082610	EMXT	NS	8/31/2010	SW5030B	8/31/2010	SW8260B	III
8/26/2010	P1008370	28OW-13-082610	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/26/2010	10H624	28OW-15-082610	EMXT	NS	NA	NONE	8/30/2010	E300.0	III
8/26/2010	10H624	28OW-15-082610	EMXT	NS	NA	NONE	9/8/2010	SM2320B	III
8/26/2010	10H624	28OW-15-082610	EMXT	NS	NA	NONE	8/31/2010	SM5310B	III
8/26/2010	10H624	28OW-15-082610	EMXT	NS	9/15/2010	FLDFLT	9/16/2010	SW6020A	III
8/26/2010	10H624	28OW-15-082610	EMXT	NS	8/31/2010	SW5030B	8/31/2010	SW8260B	III
8/26/2010	P1008370	28OW-15-082610	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/26/2010	10H624	28OW-16-082610	EMXT	NS	NA	NONE	8/30/2010	E300.0	III
8/26/2010	10H624	28OW-16-082610	EMXT	NS	NA	NONE	9/8/2010	SM2320B	III
8/26/2010	10H624	28OW-16-082610	EMXT	NS	NA	NONE	8/31/2010	SM5310B	III
8/26/2010	10H624	28OW-16-082610	EMXT	NS	9/15/2010	FLDFLT	9/16/2010	SW6020A	III
8/26/2010	10H624	28OW-16-082610	EMXT	NS	8/31/2010	SW5030B	8/31/2010	SW8260B	III
8/26/2010	P1008370	28OW-16-082610	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
8/26/2010	10H624	W9-18-082610	EMXT	NS	NA	NONE	8/30/2010	E300.0	III
8/26/2010	10H624	W9-18-082610	EMXT	NS	NA	NONE	9/8/2010	SM2320B	III
8/26/2010	10H624	W9-18-082610	EMXT	NS	NA	NONE	9/3/2010	SM5310B	III
8/26/2010	10H624	W9-18-082610	EMXT	NS	9/15/2010	FLDFLT	9/16/2010	SW6020A	III
8/26/2010	10H624	W9-18-082610	EMXT	NS	8/31/2010	SW5030B	8/31/2010	SW8260B	III
8/26/2010	P1008370	W9-18-082610	MCSP	NS	9/4/2010	PM01G	9/4/2010	AM20GAX	III
11/8/2010	10K086	28OW06-110810	EMXT	NS	NA	NONE	11/9/2010	E300.0	III
11/8/2010	10K086	28OW06-110810	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/8/2010	10K086	28OW06-110810	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/8/2010	10K086	28OW06-110810	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/8/2010	10K086	28OW06-110810	EMXT	NS	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/8/2010	10K086	28OW06-110810	EMXT	NS	11/17/2010	FLDFLT	11/22/2010	SW6020A	III
11/8/2010	10K086	28OW06-110810	EMXT	NS	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/8/2010	10K086	28OW06-110810	EMXT	NS	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/8/2010	P1011152	28OW06-110810	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/8/2010	10K086	28OW09-110810	EMXT	NS1	NA	NONE	11/9/2010	E300.0	III
11/8/2010	10K086	28OW09-110810	EMXT	NS1	NA	NONE	11/10/2010	E300.0	III
11/8/2010	10K086	28OW09-110810	EMXT	NS1	NA	NONE	11/16/2010	SM2320B	III
11/8/2010	10K086	28OW09-110810	EMXT	NS1	NA	NONE	11/17/2010	SM5310B	III
11/8/2010	10K086	28OW09-110810	EMXT	NS1	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/8/2010	10K086	28OW09-110810	EMXT	NS1	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/8/2010	10K086	28OW09-110810	EMXT	NS1	11/15/2010	SW5030B	11/15/2010	SW8260B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
11/8/2010	P1011152	28OW09-110810	MCSP	NS1	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/8/2010	10K086	28OW10-110810	EMXT	NS	NA	NONE	11/9/2010	E300.0	III
11/8/2010	10K086	28OW10-110810	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/8/2010	10K086	28OW10-110810	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/8/2010	10K086	28OW10-110810	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/8/2010	10K086	28OW10-110810	EMXT	NS	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/8/2010	10K086	28OW10-110810	EMXT	NS	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/8/2010	10K086	28OW10-110810	EMXT	NS	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/8/2010	P1011152	28OW10-110810	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/8/2010	10K086	28OW11-110810	EMXT	NS	NA	NONE	11/9/2010	E300.0	III
11/8/2010	10K086	28OW11-110810	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/8/2010	10K086	28OW11-110810	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/8/2010	10K086	28OW11-110810	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/8/2010	10K086	28OW11-110810	EMXT	NS	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/8/2010	10K086	28OW11-110810	EMXT	NS	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/8/2010	10K086	28OW11-110810	EMXT	NS	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/8/2010	P1011152	28OW11-110810	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/8/2010	10K086	28OW12-110810	EMXT	NS	NA	NONE	11/9/2010	E300.0	III
11/8/2010	10K086	28OW12-110810	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/8/2010	10K086	28OW12-110810	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/8/2010	10K086	28OW12-110810	EMXT	NS	11/17/2010	FLDFLT	11/22/2010	SW6020A	III
11/8/2010	10K086	28OW12-110810	EMXT	NS	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/8/2010	10K086	28OW12-110810	EMXT	NS	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/8/2010	P1011152	28OW12-110810	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/8/2010	10K086	MW9901-110810	EMXT	FD	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/8/2010	10K086	MW9901-110810	EMXT	FD	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/9/2010	10K106	28OW13-110910	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/9/2010	10K106	28OW13-110910	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/9/2010	10K106	28OW13-110910	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/9/2010	10K106	28OW13-110910	EMXT	NS	11/17/2010	FLDFLT	11/22/2010	SW6020A	III
11/9/2010	10K106	28OW13-110910	EMXT	NS	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/9/2010	10K106	28OW13-110910	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/9/2010	10K106	28OW13-110910	EMXT	NS	11/22/2010	SW5030B	11/22/2010	SW8260B	III
11/9/2010	P1011152	28OW13-110910	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/9/2010	10K106	28OW14-110910	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/9/2010	10K106	28OW14-110910	EMXT	NS	NA	NONE	11/11/2010	E300.0	III
11/9/2010	10K106	28OW14-110910	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
11/9/2010	10K106	28OW14-110910	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/9/2010	10K106	28OW14-110910	EMXT	NS	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/9/2010	10K106	28OW14-110910	EMXT	NS	11/14/2010	SW5030B	11/14/2010	SW8260B	III
11/9/2010	10K106	28OW14-110910	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/9/2010	P1011152	28OW14-110910	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/9/2010	10K106	28OW15-110910	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/9/2010	10K106	28OW15-110910	EMXT	NS	NA	NONE	11/11/2010	E300.0	III
11/9/2010	10K106	28OW15-110910	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/9/2010	10K106	28OW15-110910	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/9/2010	10K106	28OW15-110910	EMXT	NS	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/9/2010	10K106	28OW15-110910	EMXT	NS	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/9/2010	10K106	28OW15-110910	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/9/2010	P1011152	28OW15-110910	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/9/2010	10K106	28OW16-110910	EMXT	NS1	NA	NONE	11/10/2010	E300.0	III
11/9/2010	10K106	28OW16-110910	EMXT	NS1	NA	NONE	11/11/2010	E300.0	III
11/9/2010	10K106	28OW16-110910	EMXT	NS1	NA	NONE	11/16/2010	SM2320B	III
11/9/2010	10K106	28OW16-110910	EMXT	NS1	NA	NONE	11/18/2010	SM5310B	III
11/9/2010	10K106	28OW16-110910	EMXT	NS1	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/9/2010	10K106	28OW16-110910	EMXT	NS1	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/9/2010	10K106	28OW16-110910	EMXT	NS1	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/9/2010	P1011152	28OW16-110910	MCSP	NS1	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/9/2010	10K106	28OW17-110910	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/9/2010	10K106	28OW17-110910	EMXT	NS	NA	NONE	11/11/2010	E300.0	III
11/9/2010	10K106	28OW17-110910	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/9/2010	10K106	28OW17-110910	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/9/2010	10K106	28OW17-110910	EMXT	NS	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/9/2010	10K106	28OW17-110910	EMXT	NS	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/9/2010	10K106	28OW17-110910	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/9/2010	P1011152	28OW17-110910	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/9/2010	10K106	28OW18-110910	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/9/2010	10K106	28OW18-110910	EMXT	NS	NA	NONE	11/11/2010	E300.0	III
11/9/2010	10K106	28OW18-110910	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/9/2010	10K106	28OW18-110910	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/9/2010	10K106	28OW18-110910	EMXT	NS	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/9/2010	10K106	28OW18-110910	EMXT	NS	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/9/2010	10K106	28OW18-110910	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/9/2010	P1011152	28OW18-110910	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
11/9/2010	10K106	MW9902-110910	EMXT	FD	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/9/2010	10K106	W9-18-110910	EMXT	NS	NA	NONE	11/10/2010	E300.0	III
11/9/2010	10K106	W9-18-110910	EMXT	NS	NA	NONE	11/16/2010	SM2320B	III
11/9/2010	10K106	W9-18-110910	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/9/2010	10K106	W9-18-110910	EMXT	NS	11/17/2010	FLDFLT	11/18/2010	SW6020A	III
11/9/2010	10K106	W9-18-110910	EMXT	NS	11/15/2010	SW5030B	11/15/2010	SW8260B	III
11/9/2010	10K106	W9-18-110910	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/9/2010	P1011152	W9-18-110910	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	28OW01-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	28OW01-111010	EMXT	NS	NA	NONE	11/17/2010	E300.0	III
11/10/2010	10K130	28OW01-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/10/2010	10K130	28OW01-111010	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/10/2010	10K130	28OW01-111010	EMXT	NS	11/19/2010	FLDFLT	11/24/2010	SW6020A	III
11/10/2010	10K130	28OW01-111010	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	28OW01-111010	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/10/2010	P1011152	28OW01-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	28OW02-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	28OW02-111010	EMXT	NS	NA	NONE	11/17/2010	E300.0	III
11/10/2010	10K130	28OW02-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/10/2010	10K130	28OW02-111010	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/10/2010	10K130	28OW02-111010	EMXT	NS	11/19/2010	FLDFLT	11/22/2010	SW6020A	III
11/10/2010	10K130	28OW02-111010	EMXT	NS	11/19/2010	FLDFLT	11/24/2010	SW6020A	III
11/10/2010	10K130	28OW02-111010	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	28OW02-111010	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/10/2010	P1011152	28OW02-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	28OW03-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	28OW03-111010	EMXT	NS	NA	NONE	11/17/2010	E300.0	III
11/10/2010	10K130	28OW03-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/10/2010	10K130	28OW03-111010	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/10/2010	10K130	28OW03-111010	EMXT	NS	11/19/2010	FLDFLT	11/24/2010	SW6020A	III
11/10/2010	10K130	28OW03-111010	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	28OW03-111010	EMXT	NS	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/10/2010	P1011152	28OW03-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	28OW04-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	28OW04-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/10/2010	10K130	28OW04-111010	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/10/2010	10K130	28OW04-111010	EMXT	NS	11/19/2010	FLDFLT	11/24/2010	SW6020A	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
11/10/2010	10K130	28OW04-111010	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	28OW04-111010	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/10/2010	10K130	28OW04-111010	EMXT	NS	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/10/2010	P1011152	28OW04-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	28OW05-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	28OW05-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/10/2010	10K130	28OW05-111010	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/10/2010	10K130	28OW05-111010	EMXT	NS	11/19/2010	FLDFLT	11/22/2010	SW6020A	III
11/10/2010	10K130	28OW05-111010	EMXT	NS	11/19/2010	FLDFLT	11/24/2010	SW6020A	III
11/10/2010	10K130	28OW05-111010	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	28OW05-111010	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/10/2010	P1011152	28OW05-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	28OW07-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	28OW07-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/10/2010	10K130	28OW07-111010	EMXT	NS	NA	NONE	11/18/2010	SM5310B	III
11/10/2010	10K130	28OW07-111010	EMXT	NS	11/19/2010	FLDFLT	11/22/2010	SW6020A	III
11/10/2010	10K130	28OW07-111010	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	28OW07-111010	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/10/2010	P1011152	28OW07-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	28OW08-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	28OW08-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/10/2010	10K130	28OW08-111010	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/10/2010	10K130	28OW08-111010	EMXT	NS	11/19/2010	FLDFLT	11/24/2010	SW6020A	III
11/10/2010	10K130	28OW08-111010	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	28OW08-111010	EMXT	NS	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/10/2010	P1011152	28OW08-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	W9-29-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	W9-29-111010	EMXT	NS	NA	NONE	11/17/2010	E300.0	III
11/10/2010	10K130	W9-29-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/10/2010	10K130	W9-29-111010	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/10/2010	10K130	W9-29-111010	EMXT	NS	11/19/2010	FLDFLT	11/24/2010	SW6020A	III
11/10/2010	10K130	W9-29-111010	EMXT	NS	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	W9-29-111010	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/10/2010	P1011152	W9-29-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/10/2010	10K130	W9-42-111010	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/10/2010	10K130	W9-42-111010	EMXT	NS	NA	NONE	11/17/2010	E300.0	III
11/10/2010	10K130	W9-42-111010	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
11/10/2010	10K130	W9-42-111010	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/10/2010	10K130	W9-42-111010	EMXT	NS	11/19/2010	FLDFLT	11/24/2010	SW6020A	III
11/10/2010	10K130	W9-42-111010	EMXT	NS	11/17/2010	SW5030B	11/17/2010	SW8260B	III
11/10/2010	P1011152	W9-42-111010	MCSP	NS	11/20/2010	PM01G	11/20/2010	AM20GAX	III
11/11/2010	10K156	28OW19-111110	EMXT	NS1	NA	NONE	11/12/2010	E300.0	III
11/11/2010	10K156	28OW19-111110	EMXT	NS1	NA	NONE	11/15/2010	E300.0	III
11/11/2010	10K156	28OW19-111110	EMXT	NS1	NA	NONE	11/18/2010	SM2320B	III
11/11/2010	10K156	28OW19-111110	EMXT	NS1	NA	NONE	11/17/2010	SM5310B	III
11/11/2010	10K156	28OW19-111110	EMXT	NS1	11/18/2010	FLDFLT	11/22/2010	SW6020A	III
11/11/2010	10K156	28OW19-111110	EMXT	NS1	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/11/2010	10K156	28OW19-111110	EMXT	NS1	11/19/2010	SW5030B	11/19/2010	SW8260B	III
11/11/2010	P1011167	28OW19-111110	MCSP	NS1	11/24/2010	PM01G	11/24/2010	AM20GAX	III
11/11/2010	10K156	28OW20-111110	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/11/2010	10K156	28OW20-111110	EMXT	NS	NA	NONE	11/15/2010	E300.0	III
11/11/2010	10K156	28OW20-111110	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/11/2010	10K156	28OW20-111110	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/11/2010	10K156	28OW20-111110	EMXT	NS	11/18/2010	FLDFLT	11/22/2010	SW6020A	III
11/11/2010	10K156	28OW20-111110	EMXT	NS	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/11/2010	10K156	28OW20-111110	EMXT	NS	11/19/2010	SW5030B	11/19/2010	SW8260B	III
11/11/2010	P1011167	28OW20-111110	MCSP	NS	11/24/2010	PM01G	11/24/2010	AM20GAX	III
11/11/2010	10K156	28OW21-111110	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/11/2010	10K156	28OW21-111110	EMXT	NS	NA	NONE	11/15/2010	E300.0	III
11/11/2010	10K156	28OW21-111110	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/11/2010	10K156	28OW21-111110	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/11/2010	10K156	28OW21-111110	EMXT	NS	11/18/2010	FLDFLT	11/22/2010	SW6020A	III
11/11/2010	10K156	28OW21-111110	EMXT	NS	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/11/2010	10K156	28OW21-111110	EMXT	NS	11/19/2010	SW5030B	11/19/2010	SW8260B	III
11/11/2010	P1011167	28OW21-111110	MCSP	NS	11/24/2010	PM01G	11/24/2010	AM20GAX	III
11/11/2010	10K156	28OW22-111110	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/11/2010	10K156	28OW22-111110	EMXT	NS	NA	NONE	11/15/2010	E300.0	III
11/11/2010	10K156	28OW22-111110	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/11/2010	10K156	28OW22-111110	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/11/2010	10K156	28OW22-111110	EMXT	NS	11/18/2010	FLDFLT	11/22/2010	SW6020A	III
11/11/2010	10K156	28OW22-111110	EMXT	NS	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/11/2010	10K156	28OW22-111110	EMXT	NS	11/19/2010	SW5030B	11/19/2010	SW8260B	III
11/11/2010	P1011167	28OW22-111110	MCSP	NS	11/24/2010	PM01G	11/24/2010	AM20GAX	III
11/11/2010	10K156	28OW23-111110	EMXT	NS	NA	NONE	11/12/2010	E300.0	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
11/11/2010	10K156	28OW23-111110	EMXT	NS	NA	NONE	11/15/2010	E300.0	III
11/11/2010	10K156	28OW23-111110	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/11/2010	10K156	28OW23-111110	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/11/2010	10K156	28OW23-111110	EMXT	NS	11/18/2010	FLDFLT	11/22/2010	SW6020A	III
11/11/2010	10K156	28OW23-111110	EMXT	NS	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/11/2010	10K156	28OW23-111110	EMXT	NS	11/19/2010	SW5030B	11/19/2010	SW8260B	III
11/11/2010	P1011167	28OW23-111110	MCSP	NS	11/24/2010	PM01G	11/24/2010	AM20GAX	III
11/11/2010	10K156	28OW24-111110	EMXT	NS	NA	NONE	11/12/2010	E300.0	III
11/11/2010	10K156	28OW24-111110	EMXT	NS	NA	NONE	11/15/2010	E300.0	III
11/11/2010	10K156	28OW24-111110	EMXT	NS	NA	NONE	11/18/2010	SM2320B	III
11/11/2010	10K156	28OW24-111110	EMXT	NS	NA	NONE	11/17/2010	SM5310B	III
11/11/2010	10K156	28OW24-111110	EMXT	NS	11/18/2010	FLDFLT	11/22/2010	SW6020A	III
11/11/2010	10K156	28OW24-111110	EMXT	NS	11/19/2010	SW5030B	11/19/2010	SW8260B	III
11/11/2010	10K156	28OW24-111110	EMXT	NS	11/20/2010	SW5030B	11/20/2010	SW8260B	III
11/11/2010	P1011167	28OW24-111110	MCSP	NS	11/24/2010	PM01G	11/24/2010	AM20GAX	III
11/11/2010	10K156	MW9903-111110	EMXT	FD	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/11/2010	10K156	MW9903-111110	EMXT	FD	11/19/2010	SW5030B	11/19/2010	SW8260B	III
1/24/2011	11A207	28OW-09-012411	EMXT	NS1	NA	NONE	1/25/2011	E300.0	III
1/24/2011	11A207	28OW-09-012411	EMXT	NS1	NA	NONE	1/27/2011	E300.0	III
1/24/2011	11A207	28OW-09-012411	EMXT	NS1	NA	NONE	1/27/2011	SM2320B	III
1/24/2011	11A207	28OW-09-012411	EMXT	NS1	NA	NONE	1/26/2011	SM5310B	III
1/24/2011	11A207	28OW-09-012411	EMXT	NS1	1/26/2011	FLDFLT	1/27/2011	SW6020A	III
1/24/2011	11A207	28OW-09-012411	EMXT	NS1	1/25/2011	SW5030B	1/25/2011	SW8260B	III
1/24/2011	11A207	28OW-09-012411	EMXT	NS1	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/24/2011	P1101274	28OW-09-012411	MCSP	NS1	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/24/2011	11A207	28OW-10-012411	EMXT	NS	NA	NONE	1/25/2011	E300.0	III
1/24/2011	11A207	28OW-10-012411	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/24/2011	11A207	28OW-10-012411	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/24/2011	11A207	28OW-10-012411	EMXT	NS	NA	NONE	1/26/2011	SM5310B	III
1/24/2011	11A207	28OW-10-012411	EMXT	NS	1/26/2011	FLDFLT	1/27/2011	SW6020A	III
1/24/2011	11A207	28OW-10-012411	EMXT	NS	1/25/2011	SW5030B	1/25/2011	SW8260B	III
1/24/2011	11A207	28OW-10-012411	EMXT	NS	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/24/2011	P1101274	28OW-10-012411	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/24/2011	11A207	28OW-11-012411	EMXT	NS	NA	NONE	1/25/2011	E300.0	III
1/24/2011	11A207	28OW-11-012411	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/24/2011	11A207	28OW-11-012411	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/24/2011	11A207	28OW-11-012411	EMXT	NS	NA	NONE	1/26/2011	SM5310B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
1/24/2011	11A207	28OW-11-012411	EMXT	NS	1/26/2011	FLDFLT	1/27/2011	SW6020A	III
1/24/2011	11A207	28OW-11-012411	EMXT	NS	1/25/2011	SW5030B	1/25/2011	SW8260B	III
1/24/2011	11A207	28OW-11-012411	EMXT	NS	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/24/2011	P1101274	28OW-11-012411	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/24/2011	11A207	28OW-14-012411	EMXT	NS	NA	NONE	1/25/2011	E300.0	III
1/24/2011	11A207	28OW-14-012411	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/24/2011	11A207	28OW-14-012411	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/24/2011	11A207	28OW-14-012411	EMXT	NS	NA	NONE	1/31/2011	SM5310B	III
1/24/2011	11A207	28OW-14-012411	EMXT	NS	1/26/2011	FLDFLT	1/27/2011	SW6020A	III
1/24/2011	11A207	28OW-14-012411	EMXT	NS	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/24/2011	11A207	28OW-14-012411	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/24/2011	P1101274	28OW-14-012411	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/24/2011	11A207	28OW-21-012411	EMXT	NS	NA	NONE	1/25/2011	E300.0	III
1/24/2011	11A207	28OW-21-012411	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/24/2011	11A207	28OW-21-012411	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/24/2011	11A207	28OW-21-012411	EMXT	NS	NA	NONE	1/26/2011	SM5310B	III
1/24/2011	11A207	28OW-21-012411	EMXT	NS	1/26/2011	FLDFLT	1/28/2011	SW6020A	III
1/24/2011	11A207	28OW-21-012411	EMXT	NS	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/24/2011	11A207	28OW-21-012411	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/24/2011	P1101274	28OW-21-012411	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/24/2011	11A207	28OW-22-012411	EMXT	NS	NA	NONE	1/25/2011	E300.0	III
1/24/2011	11A207	28OW-22-012411	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/24/2011	11A207	28OW-22-012411	EMXT	NS	NA	NONE	1/28/2011	E300.0	III
1/24/2011	11A207	28OW-22-012411	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/24/2011	11A207	28OW-22-012411	EMXT	NS	NA	NONE	1/26/2011	SM5310B	III
1/24/2011	11A207	28OW-22-012411	EMXT	NS	1/26/2011	FLDFLT	1/27/2011	SW6020A	III
1/24/2011	11A207	28OW-22-012411	EMXT	NS	1/25/2011	SW5030B	1/25/2011	SW8260B	III
1/24/2011	11A207	28OW-22-012411	EMXT	NS	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/24/2011	P1101274	28OW-22-012411	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/24/2011	11A207	MW9901-012411	EMXT	FD	1/25/2011	SW5030B	1/25/2011	SW8260B	III
1/24/2011	11A207	MW9901-012411	EMXT	FD	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/25/2011	11A215	28OW-13-012511	EMXT	NS1	NA	NONE	1/26/2011	E300.0	III
1/25/2011	11A215	28OW-13-012511	EMXT	NS1	NA	NONE	1/27/2011	SM2320B	III
1/25/2011	11A215	28OW-13-012511	EMXT	NS1	NA	NONE	2/2/2011	SM5310B	III
1/25/2011	11A215	28OW-13-012511	EMXT	NS1	1/27/2011	FLDFLT	2/9/2011	SW6020A	III
1/25/2011	11A215	28OW-13-012511	EMXT	NS1	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/25/2011	P1101274	28OW-13-012511	MCSP	NS1	2/2/2011	PM01G	2/2/2011	AM20GAX	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
1/25/2011	11A215	28OW-15-012511	EMXT	NS	NA	NONE	1/26/2011	E300.0	III
1/25/2011	11A215	28OW-15-012511	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/25/2011	11A215	28OW-15-012511	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/25/2011	11A215	28OW-15-012511	EMXT	NS	1/27/2011	FLDFLT	1/31/2011	SW6020A	III
1/25/2011	11A215	28OW-15-012511	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/25/2011	11A215	28OW-15-012511	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/25/2011	P1101274	28OW-15-012511	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/25/2011	11A215	28OW-16-012511	EMXT	NS	NA	NONE	1/26/2011	E300.0	III
1/25/2011	11A215	28OW-16-012511	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/25/2011	11A215	28OW-16-012511	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/25/2011	11A215	28OW-16-012511	EMXT	NS	1/27/2011	FLDFLT	1/31/2011	SW6020A	III
1/25/2011	11A215	28OW-16-012511	EMXT	NS	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/25/2011	11A215	28OW-16-012511	EMXT	NS	1/31/2011	SW5030B	1/31/2011	SW8260B	III
1/25/2011	P1101274	28OW-16-012511	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/25/2011	11A215	28OW-17-012511	EMXT	NS	NA	NONE	1/26/2011	E300.0	III
1/25/2011	11A215	28OW-17-012511	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/25/2011	11A215	28OW-17-012511	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/25/2011	11A215	28OW-17-012511	EMXT	NS	1/27/2011	FLDFLT	1/31/2011	SW6020A	III
1/25/2011	11A215	28OW-17-012511	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/25/2011	11A215	28OW-17-012511	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/25/2011	P1101274	28OW-17-012511	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/25/2011	11A215	28OW-18-012511	EMXT	NS	NA	NONE	1/26/2011	E300.0	III
1/25/2011	11A215	28OW-18-012511	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/25/2011	11A215	28OW-18-012511	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/25/2011	11A215	28OW-18-012511	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/25/2011	11A215	28OW-18-012511	EMXT	NS	1/27/2011	FLDFLT	1/31/2011	SW6020A	III
1/25/2011	11A215	28OW-18-012511	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/25/2011	11A215	28OW-18-012511	EMXT	NS	1/31/2011	SW5030B	1/31/2011	SW8260B	III
1/25/2011	11A215	28OW-23-012511	EMXT	NS	NA	NONE	1/26/2011	E300.0	III
1/25/2011	11A215	28OW-23-012511	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/25/2011	11A215	28OW-23-012511	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/25/2011	11A215	28OW-23-012511	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/25/2011	11A215	28OW-23-012511	EMXT	NS	1/27/2011	FLDFLT	1/31/2011	SW6020A	III
1/25/2011	11A215	28OW-23-012511	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/25/2011	P1101274	28OW-23-012511	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/25/2011	11A215	28OW-24-012511	EMXT	NS	NA	NONE	1/26/2011	E300.0	III
1/25/2011	11A215	28OW-24-012511	EMXT	NS	NA	NONE	1/27/2011	E300.0	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
1/25/2011	11A215	28OW-24-012511	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/25/2011	11A215	28OW-24-012511	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/25/2011	11A215	28OW-24-012511	EMXT	NS	1/27/2011	FLDFLT	1/31/2011	SW6020A	III
1/25/2011	11A215	28OW-24-012511	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/25/2011	11A215	28OW-24-012511	EMXT	NS	1/31/2011	SW5030B	1/31/2011	SW8260B	III
1/25/2011	P1101274	28OW-24-012511	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/25/2011	11A215	MW9902-012511	EMXT	FD	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/25/2011	11A215	MW9902-012511	EMXT	FD	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/25/2011	11A215	W9-18-012511	EMXT	NS	NA	NONE	1/26/2011	E300.0	III
1/25/2011	11A215	W9-18-012511	EMXT	NS	NA	NONE	1/27/2011	SM2320B	III
1/25/2011	11A215	W9-18-012511	EMXT	NS	NA	NONE	2/2/2011	SM5310B	III
1/25/2011	11A215	W9-18-012511	EMXT	NS	1/27/2011	FLDFLT	1/31/2011	SW6020A	III
1/25/2011	11A215	W9-18-012511	EMXT	NS	1/26/2011	SW5030B	1/26/2011	SW8260B	III
1/25/2011	11A215	W9-18-012511	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/25/2011	P1101274	W9-18-012511	MCSP	NS	2/2/2011	PM01G	2/2/2011	AM20GAX	III
1/26/2011	11A232	28OW-01-012611	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/26/2011	11A232	28OW-01-012611	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/26/2011	11A232	28OW-01-012611	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/26/2011	11A232	28OW-01-012611	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/26/2011	11A232	28OW-01-012611	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/26/2011	11A232	28OW-01-012611	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/26/2011	P1101315	28OW-01-012611	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/26/2011	11A232	28OW-02-012611	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/26/2011	11A232	28OW-02-012611	EMXT	NS	NA	NONE	1/28/2011	E300.0	III
1/26/2011	11A232	28OW-02-012611	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/26/2011	11A232	28OW-02-012611	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/26/2011	11A232	28OW-02-012611	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/26/2011	11A232	28OW-02-012611	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/26/2011	11A232	28OW-02-012611	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/26/2011	P1101315	28OW-02-012611	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/26/2011	11A232	28OW-03-012611	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/26/2011	11A232	28OW-03-012611	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/26/2011	11A232	28OW-03-012611	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/26/2011	11A232	28OW-03-012611	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/26/2011	11A232	28OW-03-012611	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/26/2011	P1101315	28OW-03-012611	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/26/2011	11A232	28OW-04-012611	EMXT	NS	NA	NONE	1/27/2011	E300.0	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
1/26/2011	11A232	28OW-04-012611	EMXT	NS	NA	NONE	1/28/2011	E300.0	III
1/26/2011	11A232	28OW-04-012611	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/26/2011	11A232	28OW-04-012611	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/26/2011	11A232	28OW-04-012611	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/26/2011	11A232	28OW-04-012611	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/26/2011	P1101315	28OW-04-012611	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/26/2011	11A232	28OW-08-012611	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/26/2011	11A232	28OW-08-012611	EMXT	NS	NA	NONE	1/28/2011	E300.0	III
1/26/2011	11A232	28OW-08-012611	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/26/2011	11A232	28OW-08-012611	EMXT	NS	NA	NONE	2/2/2011	SM5310B	III
1/26/2011	11A232	28OW-08-012611	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/26/2011	11A232	28OW-08-012611	EMXT	NS	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/26/2011	11A232	28OW-08-012611	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/26/2011	P1101315	28OW-08-012611	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/26/2011	11A232	28OW-12-012611	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/26/2011	11A232	28OW-12-012611	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/26/2011	11A232	28OW-12-012611	EMXT	NS	NA	NONE	2/2/2011	SM5310B	III
1/26/2011	11A232	28OW-12-012611	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/26/2011	11A232	28OW-12-012611	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/26/2011	P1101315	28OW-12-012611	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/26/2011	11A232	W9-29-012611	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/26/2011	11A232	W9-29-012611	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/26/2011	11A232	W9-29-012611	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/26/2011	11A232	W9-29-012611	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/26/2011	11A232	W9-29-012611	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/26/2011	P1101315	W9-29-012611	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/26/2011	11A232	W9-42-012611	EMXT	NS	NA	NONE	1/27/2011	E300.0	III
1/26/2011	11A232	W9-42-012611	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/26/2011	11A232	W9-42-012611	EMXT	NS	NA	NONE	2/1/2011	SM5310B	III
1/26/2011	11A232	W9-42-012611	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/26/2011	11A232	W9-42-012611	EMXT	NS	1/28/2011	SW5030B	1/28/2011	SW8260B	III
1/26/2011	P1101315	W9-42-012611	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/27/2011	11A246	28OW-05-012711	EMXT	NS	NA	NONE	1/28/2011	E300.0	III
1/27/2011	11A246	28OW-05-012711	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/27/2011	11A246	28OW-05-012711	EMXT	NS	NA	NONE	2/2/2011	SM5310B	III
1/27/2011	11A246	28OW-05-012711	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/27/2011	11A246	28OW-05-012711	EMXT	NS	1/31/2011	SW5030B	1/31/2011	SW8260B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
1/27/2011	11A246	28OW-05-012711	EMXT	NS	2/1/2011	SW5030B	2/1/2011	SW8260B	III
1/27/2011	P1101315	28OW-05-012711	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/27/2011	11A246	28OW-06-012711	EMXT	NS	NA	NONE	1/28/2011	E300.0	III
1/27/2011	11A246	28OW-06-012711	EMXT	NS	NA	NONE	1/31/2011	E300.0	III
1/27/2011	11A246	28OW-06-012711	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/27/2011	11A246	28OW-06-012711	EMXT	NS	NA	NONE	1/31/2011	SM5310B	III
1/27/2011	11A246	28OW-06-012711	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/27/2011	11A246	28OW-06-012711	EMXT	NS	1/31/2011	SW5030B	1/31/2011	SW8260B	III
1/27/2011	11A246	28OW-06-012711	EMXT	NS	2/1/2011	SW5030B	2/1/2011	SW8260B	III
1/27/2011	P1101315	28OW-06-012711	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/27/2011	11A246	28OW-07-012711	EMXT	NS	NA	NONE	1/28/2011	E300.0	III
1/27/2011	11A246	28OW-07-012711	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/27/2011	11A246	28OW-07-012711	EMXT	NS	NA	NONE	2/2/2011	SM5310B	III
1/27/2011	11A246	28OW-07-012711	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/27/2011	11A246	28OW-07-012711	EMXT	NS	2/1/2011	SW5030B	2/1/2011	SW8260B	III
1/27/2011	P1101315	28OW-07-012711	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/27/2011	P1101315	28OW-18-012711	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/27/2011	11A246	28OW-19-012711	EMXT	NS1	NA	NONE	1/28/2011	E300.0	III
1/27/2011	11A246	28OW-19-012711	EMXT	NS1	NA	NONE	2/7/2011	SM2320B	III
1/27/2011	11A246	28OW-19-012711	EMXT	NS1	NA	NONE	1/31/2011	SM5310B	III
1/27/2011	11A246	28OW-19-012711	EMXT	NS1	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/27/2011	11A246	28OW-19-012711	EMXT	NS1	1/31/2011	SW5030B	1/31/2011	SW8260B	III
1/27/2011	11A246	28OW-19-012711	EMXT	NS1	2/1/2011	SW5030B	2/1/2011	SW8260B	III
1/27/2011	P1101315	28OW-19-012711	MCSP	NS1	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/27/2011	11A246	28OW-20-012711	EMXT	NS	NA	NONE	1/28/2011	E300.0	III
1/27/2011	11A246	28OW-20-012711	EMXT	NS	NA	NONE	1/31/2011	E300.0	III
1/27/2011	11A246	28OW-20-012711	EMXT	NS	NA	NONE	2/7/2011	SM2320B	III
1/27/2011	11A246	28OW-20-012711	EMXT	NS	NA	NONE	1/31/2011	SM5310B	III
1/27/2011	11A246	28OW-20-012711	EMXT	NS	2/2/2011	FLDFLT	2/9/2011	SW6020A	III
1/27/2011	11A246	28OW-20-012711	EMXT	NS	1/31/2011	SW5030B	1/31/2011	SW8260B	III
1/27/2011	11A246	28OW-20-012711	EMXT	NS	2/1/2011	SW5030B	2/1/2011	SW8260B	III
1/27/2011	P1101315	28OW-20-012711	MCSP	NS	2/5/2011	PM01G	2/5/2011	AM20GAX	III
1/27/2011	11A246	MW9903-012711	EMXT	FD	1/31/2011	SW5030B	1/31/2011	SW8260B	III
1/27/2011	11A246	MW9903-012711	EMXT	FD	2/1/2011	SW5030B	2/1/2011	SW8260B	III
4/11/2011	11D107	28OW09-041111	EMXT	NS1	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	28OW09-041111	EMXT	NS1	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	28OW09-041111	EMXT	NS1	NA	NONE	4/14/2011	SM5310B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
4/11/2011	11D107	28OW09-041111	EMXT	NS1	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	28OW09-041111	EMXT	NS1	4/19/2011	SW5030B	4/19/2011	SW8260B	III
4/11/2011	P1104156	28OW09-041111	MCSP	NS1	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/11/2011	11D107	28OW10-041111	EMXT	NS	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	28OW10-041111	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	28OW10-041111	EMXT	NS	NA	NONE	4/14/2011	SM5310B	III
4/11/2011	11D107	28OW10-041111	EMXT	NS	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	28OW10-041111	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/11/2011	11D107	28OW10-041111	EMXT	NS	4/19/2011	SW5030B	4/19/2011	SW8260B	III
4/11/2011	P1104156	28OW10-041111	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/11/2011	11D107	28OW11-041111	EMXT	NS	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	28OW11-041111	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	28OW11-041111	EMXT	NS	NA	NONE	4/14/2011	SM5310B	III
4/11/2011	11D107	28OW11-041111	EMXT	NS	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	28OW11-041111	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/11/2011	11D107	28OW11-041111	EMXT	NS	4/19/2011	SW5030B	4/19/2011	SW8260B	III
4/11/2011	P1104156	28OW11-041111	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/11/2011	11D107	28OW21-041111	EMXT	NS	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	28OW21-041111	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	28OW21-041111	EMXT	NS	NA	NONE	4/14/2011	SM5310B	III
4/11/2011	11D107	28OW21-041111	EMXT	NS	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	28OW21-041111	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/11/2011	11D107	28OW21-041111	EMXT	NS	4/19/2011	SW5030B	4/19/2011	SW8260B	III
4/11/2011	P1104156	28OW21-041111	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/11/2011	11D107	28OW22-041111	EMXT	NS	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	28OW22-041111	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	28OW22-041111	EMXT	NS	NA	NONE	4/14/2011	SM5310B	III
4/11/2011	11D107	28OW22-041111	EMXT	NS	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	28OW22-041111	EMXT	NS	4/19/2011	SW5030B	4/19/2011	SW8260B	III
4/11/2011	11D107	28OW22-041111	EMXT	NS	4/20/2011	SW5030B	4/20/2011	SW8260B	III
4/11/2011	P1104156	28OW22-041111	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/11/2011	11D107	28OW23-041111	EMXT	NS	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	28OW23-041111	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/11/2011	11D107	28OW23-041111	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	28OW23-041111	EMXT	NS	NA	NONE	4/14/2011	SM5310B	III
4/11/2011	11D107	28OW23-041111	EMXT	NS	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	28OW23-041111	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
4/11/2011	11D107	28OW23-041111	EMXT	NS	4/19/2011	SW5030B	4/19/2011	SW8260B	III
4/11/2011	P1104156	28OW23-041111	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/11/2011	11D107	28OW24-041111	EMXT	NS	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	28OW24-041111	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/11/2011	11D107	28OW24-041111	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	28OW24-041111	EMXT	NS	NA	NONE	4/14/2011	SM5310B	III
4/11/2011	11D107	28OW24-041111	EMXT	NS	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	28OW24-041111	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/11/2011	11D107	28OW24-041111	EMXT	NS	4/19/2011	SW5030B	4/19/2011	SW8260B	III
4/11/2011	P1104156	28OW24-041111	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/11/2011	11D107	MW9901-041111	EMXT	FD	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/11/2011	11D107	MW9901-041111	EMXT	FD	4/19/2011	SW5030B	4/19/2011	SW8260B	III
4/11/2011	11D107	W9-29-041111	EMXT	NS	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	W9-29-041111	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	W9-29-041111	EMXT	NS	NA	NONE	4/14/2011	SM5310B	III
4/11/2011	11D107	W9-29-041111	EMXT	NS	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	W9-29-041111	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/11/2011	P1104156	W9-29-041111	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/11/2011	11D107	W9-42-041111	EMXT	NS	NA	NONE	4/12/2011	E300.0	III
4/11/2011	11D107	W9-42-041111	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/11/2011	11D107	W9-42-041111	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/11/2011	11D107	W9-42-041111	EMXT	NS	NA	NONE	4/14/2011	SM5310B	III
4/11/2011	11D107	W9-42-041111	EMXT	NS	4/14/2011	FLDFLT	4/15/2011	SW6020A	III
4/11/2011	11D107	W9-42-041111	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/11/2011	P1104156	W9-42-041111	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/12/2011	11D119	28OW05-041211	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/12/2011	11D119	28OW05-041211	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/12/2011	11D119	28OW05-041211	EMXT	NS	NA	NONE	4/22/2011	SM5310B	III
4/12/2011	11D119	28OW05-041211	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/12/2011	11D119	28OW05-041211	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	P1104156	28OW05-041211	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/12/2011	11D119	28OW13-041211	EMXT	NS1	NA	NONE	4/13/2011	E300.0	III
4/12/2011	11D119	28OW13-041211	EMXT	NS1	NA	NONE	4/18/2011	SM2320B	III
4/12/2011	11D119	28OW13-041211	EMXT	NS1	NA	NONE	4/22/2011	SM5310B	III
4/12/2011	11D119	28OW13-041211	EMXT	NS1	4/18/2011	FLDFLT	4/22/2011	SW6020A	III
4/12/2011	11D119	28OW13-041211	EMXT	NS1	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	P1104156	28OW13-041211	MCSP	NS1	4/20/2011	PM01G	4/20/2011	AM20GAX	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
4/12/2011	11D119	28OW14-041211	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/12/2011	11D119	28OW14-041211	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/12/2011	11D119	28OW14-041211	EMXT	NS	NA	NONE	4/22/2011	SM5310B	III
4/12/2011	11D119	28OW14-041211	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/12/2011	11D119	28OW14-041211	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	P1104156	28OW14-041211	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/12/2011	11D119	28OW15-041211	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/12/2011	11D119	28OW15-041211	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/12/2011	11D119	28OW15-041211	EMXT	NS	NA	NONE	4/21/2011	SM5310B	III
4/12/2011	11D119	28OW15-041211	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/12/2011	11D119	28OW15-041211	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	11D119	28OW15-041211	EMXT	NS	4/21/2011	SW5030B	4/21/2011	SW8260B	III
4/12/2011	P1104156	28OW15-041211	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/12/2011	11D119	28OW16-041211	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/12/2011	11D119	28OW16-041211	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/12/2011	11D119	28OW16-041211	EMXT	NS	NA	NONE	4/21/2011	SM5310B	III
4/12/2011	11D119	28OW16-041211	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/12/2011	11D119	28OW16-041211	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	11D119	28OW16-041211	EMXT	NS	4/21/2011	SW5030B	4/21/2011	SW8260B	III
4/12/2011	P1104156	28OW16-041211	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/12/2011	11D119	28OW17-041211	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/12/2011	11D119	28OW17-041211	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/12/2011	11D119	28OW17-041211	EMXT	NS	NA	NONE	4/21/2011	SM5310B	III
4/12/2011	11D119	28OW17-041211	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/12/2011	11D119	28OW17-041211	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	11D119	28OW17-041211	EMXT	NS	4/21/2011	SW5030B	4/21/2011	SW8260B	III
4/12/2011	P1104156	28OW17-041211	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/12/2011	11D119	28OW18-041211	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/12/2011	11D119	28OW18-041211	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/12/2011	11D119	28OW18-041211	EMXT	NS	NA	NONE	4/21/2011	SM5310B	III
4/12/2011	11D119	28OW18-041211	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/12/2011	11D119	28OW18-041211	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	P1104156	28OW18-041211	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/12/2011	11D119	MW9902-041211	EMXT	FD	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	11D119	W9-18-041211	EMXT	NS	NA	NONE	4/13/2011	E300.0	III
4/12/2011	11D119	W9-18-041211	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/12/2011	11D119	W9-18-041211	EMXT	NS	NA	NONE	4/22/2011	SM5310B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
4/12/2011	11D119	W9-18-041211	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/12/2011	11D119	W9-18-041211	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/12/2011	P1104156	W9-18-041211	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW01-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW01-041311	EMXT	NS	NA	NONE	4/18/2011	E300.0	III
4/13/2011	11D143	28OW01-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW01-041311	EMXT	NS	NA	NONE	4/20/2011	SM5310B	III
4/13/2011	11D143	28OW01-041311	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW01-041311	EMXT	NS	4/16/2011	SW5030B	4/16/2011	SW8260B	III
4/13/2011	11D143	28OW01-041311	EMXT	NS	4/21/2011	SW5030B	4/21/2011	SW8260B	III
4/13/2011	P1104156	28OW01-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW02-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW02-041311	EMXT	NS	NA	NONE	4/18/2011	E300.0	III
4/13/2011	11D143	28OW02-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW02-041311	EMXT	NS	NA	NONE	4/20/2011	SM5310B	III
4/13/2011	11D143	28OW02-041311	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW02-041311	EMXT	NS	4/18/2011	FLDFLT	4/22/2011	SW6020A	III
4/13/2011	11D143	28OW02-041311	EMXT	NS	4/16/2011	SW5030B	4/16/2011	SW8260B	III
4/13/2011	11D143	28OW02-041311	EMXT	NS	4/20/2011	SW5030B	4/20/2011	SW8260B	III
4/13/2011	P1104156	28OW02-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW03-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW03-041311	EMXT	NS	NA	NONE	4/18/2011	E300.0	III
4/13/2011	11D143	28OW03-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW03-041311	EMXT	NS	NA	NONE	4/20/2011	SM5310B	III
4/13/2011	11D143	28OW03-041311	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW03-041311	EMXT	NS	4/16/2011	SW5030B	4/16/2011	SW8260B	III
4/13/2011	11D143	28OW03-041311	EMXT	NS	4/21/2011	SW5030B	4/21/2011	SW8260B	III
4/13/2011	P1104156	28OW03-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW04-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW04-041311	EMXT	NS	NA	NONE	4/18/2011	E300.0	III
4/13/2011	11D143	28OW04-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW04-041311	EMXT	NS	NA	NONE	4/20/2011	SM5310B	III
4/13/2011	11D143	28OW04-041311	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW04-041311	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/13/2011	11D143	28OW04-041311	EMXT	NS	4/20/2011	SW5030B	4/20/2011	SW8260B	III
4/13/2011	P1104156	28OW04-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW06-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
4/13/2011	11D143	28OW06-041311	EMXT	NS	NA	NONE	4/18/2011	E300.0	III
4/13/2011	11D143	28OW06-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW06-041311	EMXT	NS	NA	NONE	4/20/2011	SM5310B	III
4/13/2011	11D143	28OW06-041311	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW06-041311	EMXT	NS	4/18/2011	FLDFLT	4/22/2011	SW6020A	III
4/13/2011	11D143	28OW06-041311	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/13/2011	11D143	28OW06-041311	EMXT	NS	4/18/2011	SW5030B	4/18/2011	SW8260B	III
4/13/2011	P1104156	28OW06-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW07-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW07-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW07-041311	EMXT	NS	NA	NONE	4/22/2011	SM5310B	III
4/13/2011	11D143	28OW07-041311	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW07-041311	EMXT	NS	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/13/2011	P1104156	28OW07-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW08-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW08-041311	EMXT	NS	NA	NONE	4/18/2011	E300.0	III
4/13/2011	11D143	28OW08-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW08-041311	EMXT	NS	NA	NONE	4/20/2011	SM5310B	III
4/13/2011	11D143	28OW08-041311	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW08-041311	EMXT	NS	4/18/2011	FLDFLT	4/22/2011	SW6020A	III
4/13/2011	11D143	28OW08-041311	EMXT	NS	4/16/2011	SW5030B	4/16/2011	SW8260B	III
4/13/2011	11D143	28OW08-041311	EMXT	NS	4/20/2011	SW5030B	4/20/2011	SW8260B	III
4/13/2011	P1104156	28OW08-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW12-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW12-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW12-041311	EMXT	NS	NA	NONE	4/22/2011	SM5310B	III
4/13/2011	11D143	28OW12-041311	EMXT	NS	4/18/2011	FLDFLT	4/22/2011	SW6020A	III
4/13/2011	11D143	28OW12-041311	EMXT	NS	4/22/2011	SW5030B	4/22/2011	SW8260B	III
4/13/2011	11D143	28OW12-041311	EMXT	NS	4/25/2011	SW5030B	4/25/2011	SW8260B	III
4/13/2011	P1104156	28OW12-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW19-041311	EMXT	NS1	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW19-041311	EMXT	NS1	NA	NONE	4/18/2011	E300.0	III
4/13/2011	11D143	28OW19-041311	EMXT	NS1	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW19-041311	EMXT	NS1	NA	NONE	4/22/2011	SM5310B	III
4/13/2011	11D143	28OW19-041311	EMXT	NS1	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW19-041311	EMXT	NS1	4/16/2011	SW5030B	4/16/2011	SW8260B	III
4/13/2011	11D143	28OW19-041311	EMXT	NS1	4/19/2011	SW5030B	4/19/2011	SW8260B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
4/13/2011	P1104156	28OW19-041311	MCSP	NS1	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	28OW20-041311	EMXT	NS	NA	NONE	4/14/2011	E300.0	III
4/13/2011	11D143	28OW20-041311	EMXT	NS	NA	NONE	4/18/2011	E300.0	III
4/13/2011	11D143	28OW20-041311	EMXT	NS	NA	NONE	4/18/2011	SM2320B	III
4/13/2011	11D143	28OW20-041311	EMXT	NS	NA	NONE	4/20/2011	SM5310B	III
4/13/2011	11D143	28OW20-041311	EMXT	NS	4/18/2011	FLDFLT	4/20/2011	SW6020A	III
4/13/2011	11D143	28OW20-041311	EMXT	NS	4/20/2011	SW5030B	4/20/2011	SW8260B	III
4/13/2011	11D143	28OW20-041311	EMXT	NS	4/21/2011	SW5030B	4/21/2011	SW8260B	III
4/13/2011	P1104156	28OW20-041311	MCSP	NS	4/20/2011	PM01G	4/20/2011	AM20GAX	III
4/13/2011	11D143	MW9903-041311	EMXT	FD	4/27/2011	SW5030B	4/27/2011	SW8260B	III
6/20/2011	11F188	28OW09-062011	EMXT	NS1	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	28OW09-062011	EMXT	NS1	NA	NONE	6/25/2011	E300.0	III
6/20/2011	11F188	28OW09-062011	EMXT	NS1	NA	NONE	6/29/2011	SM2320B	III
6/20/2011	11F188	28OW09-062011	EMXT	NS1	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	28OW09-062011	EMXT	NS1	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/20/2011	11F188	28OW09-062011	EMXT	NS1	6/25/2011	SW5030B	6/25/2011	SW8260B	III
6/20/2011	11F188	28OW09-062011	EMXT	NS1	6/28/2011	SW5030B	6/28/2011	SW8260B	III
6/20/2011	1656	28OW09-062011	MCSP	NS1	6/30/2011	PM01G	6/30/2011	AM20GAX	III
6/20/2011	11F188	28OW10-062011	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	28OW10-062011	EMXT	NS	NA	NONE	6/23/2011	E300.0	III
6/20/2011	11F188	28OW10-062011	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/20/2011	11F188	28OW10-062011	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	28OW10-062011	EMXT	NS	6/30/2011	FLDFLT	7/14/2011	SW6020A	III
6/20/2011	11F188	28OW10-062011	EMXT	NS	6/28/2011	SW5030B	6/28/2011	SW8260B	III
6/20/2011	11F188	28OW10-062011	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/20/2011	1656	28OW10-062011	MCSP	NS	6/30/2011	PM01G	6/30/2011	AM20GAX	III
6/20/2011	11F188	28OW11-062011	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	28OW11-062011	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/20/2011	11F188	28OW11-062011	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/20/2011	11F188	28OW11-062011	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	28OW11-062011	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/20/2011	11F188	28OW11-062011	EMXT	NS	6/28/2011	SW5030B	6/28/2011	SW8260B	III
6/20/2011	11F188	28OW11-062011	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/20/2011	1656	28OW11-062011	MCSP	NS	6/30/2011	PM01G	6/30/2011	AM20GAX	III
6/20/2011	11F188	28OW21-062011	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	28OW21-062011	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/20/2011	11F188	28OW21-062011	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
6/20/2011	11F188	28OW21-062011	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	28OW21-062011	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/20/2011	11F188	28OW21-062011	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/20/2011	11F198	28OW21-062011	EMXT	NS	NA	NONE	6/29/2011	E300.0	III
6/20/2011	1656	28OW21-062011	MCSP	NS	6/30/2011	PM01G	6/30/2011	AM20GAX	III
6/20/2011	11F188	28OW22-062011	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	28OW22-062011	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/20/2011	11F188	28OW22-062011	EMXT	NS	NA	NONE	6/29/2011	E300.0	III
6/20/2011	11F188	28OW22-062011	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/20/2011	11F188	28OW22-062011	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	28OW22-062011	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/20/2011	1656	28OW22-062011	MCSP	NS	6/30/2011	PM01G	6/30/2011	AM20GAX	III
6/20/2011	11F188	28OW23-062011	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	28OW23-062011	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/20/2011	11F188	28OW23-062011	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/20/2011	11F188	28OW23-062011	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	28OW23-062011	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/20/2011	11F188	28OW23-062011	EMXT	NS	6/27/2011	SW5030B	6/27/2011	SW8260B	III
6/20/2011	11F188	28OW23-062011	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/20/2011	1656	28OW23-062011	MCSP	NS	6/30/2011	PM01G	6/30/2011	AM20GAX	III
6/20/2011	11F188	28OW24-062011	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	28OW24-062011	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/20/2011	11F188	28OW24-062011	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/20/2011	11F188	28OW24-062011	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	28OW24-062011	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/20/2011	11F188	28OW24-062011	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/20/2011	1656	28OW24-062011	MCSP	NS	6/30/2011	PM01G	6/30/2011	AM20GAX	III
6/20/2011	11F188	MW9903-062011	EMXT	FD	6/25/2011	SW5030B	6/25/2011	SW8260B	III
6/20/2011	11F188	MW9903-062011	EMXT	FD	6/28/2011	SW5030B	6/28/2011	SW8260B	III
6/20/2011	11F188	W9-29-062011	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	W9-29-062011	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/20/2011	11F188	W9-29-062011	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/20/2011	11F188	W9-29-062011	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	W9-29-062011	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/20/2011	11F188	W9-29-062011	EMXT	NS	6/25/2011	SW5030B	6/25/2011	SW8260B	III
6/20/2011	11F188	W9-29-062011	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/20/2011	1656	W9-29-062011	MCSP	NS	6/30/2011	PM01G	6/30/2011	AM20GAX	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
6/20/2011	11F188	W9-42-062011	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/20/2011	11F188	W9-42-062011	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/20/2011	11F188	W9-42-062011	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/20/2011	11F188	W9-42-062011	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/20/2011	11F188	W9-42-062011	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/20/2011	11F188	W9-42-062011	EMXT	NS	6/25/2011	SW5030B	6/25/2011	SW8260B	III
6/20/2011	11F188	W9-42-062011	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/20/2011	1656	W9-42-062011	MCSP	NS	6/30/2011	PM01G	6/30/2011	AM20GAX	III
6/21/2011	11F189	28OW01-062111	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	28OW01-062111	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/21/2011	11F189	28OW01-062111	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	28OW01-062111	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/21/2011	11F189	28OW01-062111	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	28OW01-062111	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/21/2011	11F189	28OW01-062111	EMXT	NS	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	1656	28OW01-062111	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/21/2011	11F189	28OW02-062111	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	28OW02-062111	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/21/2011	11F189	28OW02-062111	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	28OW02-062111	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/21/2011	11F189	28OW02-062111	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	28OW02-062111	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/21/2011	11F189	28OW02-062111	EMXT	NS	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	1656	28OW02-062111	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/21/2011	11F189	28OW13-062111	EMXT	NS1	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	28OW13-062111	EMXT	NS1	NA	NONE	6/24/2011	E300.0	III
6/21/2011	11F189	28OW13-062111	EMXT	NS1	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	28OW13-062111	EMXT	NS1	NA	NONE	6/27/2011	SM5310B	III
6/21/2011	11F189	28OW13-062111	EMXT	NS1	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	28OW13-062111	EMXT	NS1	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	11F189	28OW13-062111	EMXT	NS1	7/5/2011	SW5030B	7/5/2011	SW8260B	III
6/21/2011	1656	28OW13-062111	MCSP	NS1	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/21/2011	11F189	28OW14-062111	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	28OW14-062111	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	28OW14-062111	EMXT	NS	NA	NONE	6/29/2011	SM5310B	III
6/21/2011	11F189	28OW14-062111	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	28OW14-062111	EMXT	NS	7/5/2011	SW5030B	7/5/2011	SW8260B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
6/21/2011	1656	28OW14-062111	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/21/2011	11F189	28OW15-062111	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	28OW15-062111	EMXT	NS	NA	NONE	6/24/2011	E300.0	III
6/21/2011	11F189	28OW15-062111	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	28OW15-062111	EMXT	NS	NA	NONE	6/27/2011	SM5310B	III
6/21/2011	11F189	28OW15-062111	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	28OW15-062111	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/21/2011	11F189	28OW15-062111	EMXT	NS	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	1656	28OW15-062111	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/21/2011	11F189	28OW16-062111	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	28OW16-062111	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/21/2011	11F189	28OW16-062111	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	28OW16-062111	EMXT	NS	NA	NONE	6/27/2011	SM5310B	III
6/21/2011	11F189	28OW16-062111	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	28OW16-062111	EMXT	NS	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	11F189	28OW16-062111	EMXT	NS	7/5/2011	SW5030B	7/5/2011	SW8260B	III
6/21/2011	1656	28OW16-062111	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/21/2011	11F189	28OW17-062111	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	28OW17-062111	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/21/2011	11F189	28OW17-062111	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	28OW17-062111	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/21/2011	11F189	28OW17-062111	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	28OW17-062111	EMXT	NS	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	11F189	28OW17-062111	EMXT	NS	7/5/2011	SW5030B	7/5/2011	SW8260B	III
6/21/2011	1656	28OW17-062111	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/21/2011	11F189	28OW18-062111	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	28OW18-062111	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/21/2011	11F189	28OW18-062111	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	28OW18-062111	EMXT	NS	NA	NONE	6/28/2011	SM5310B	III
6/21/2011	11F189	28OW18-062111	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	28OW18-062111	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/21/2011	11F189	28OW18-062111	EMXT	NS	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	1656	28OW18-062111	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/21/2011	11F189	MW9902-062111	EMXT	FD	7/5/2011	SW5030B	7/5/2011	SW8260B	III
6/21/2011	11F189	W9-18-062111	EMXT	NS	NA	NONE	6/22/2011	E300.0	III
6/21/2011	11F189	W9-18-062111	EMXT	NS	NA	NONE	6/29/2011	SM2320B	III
6/21/2011	11F189	W9-18-062111	EMXT	NS	NA	NONE	6/27/2011	SM5310B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
6/21/2011	11F189	W9-18-062111	EMXT	NS	6/30/2011	FLDFLT	7/11/2011	SW6020A	III
6/21/2011	11F189	W9-18-062111	EMXT	NS	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	1656	W9-18-062111	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/22/2011	11F198	28OW03-062211	EMXT	NS	NA	NONE	6/23/2011	E300.0	III
6/22/2011	11F198	28OW03-062211	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/22/2011	11F198	28OW03-062211	EMXT	NS	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW03-062211	EMXT	NS	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW03-062211	EMXT	NS	6/29/2011	FLDFLT	7/6/2011	SW6020A	III
6/22/2011	11F198	28OW03-062211	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/22/2011	11F198	28OW03-062211	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/22/2011	1656	28OW03-062211	MCSP	NS	7/2/2011	PM01G	7/2/2011	AM20GAX	III
6/22/2011	11F198	28OW04-062211	EMXT	NS	NA	NONE	6/23/2011	E300.0	III
6/22/2011	11F198	28OW04-062211	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/22/2011	11F198	28OW04-062211	EMXT	NS	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW04-062211	EMXT	NS	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW04-062211	EMXT	NS	6/29/2011	FLDFLT	7/6/2011	SW6020A	III
6/22/2011	11F198	28OW04-062211	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/22/2011	11F198	28OW04-062211	EMXT	NS	6/30/2011	SW5030B	6/30/2011	SW8260B	III
6/22/2011	1656	28OW04-062211	MCSP	NS	7/6/2011	PM01G	7/6/2011	AM20GAX	III
6/22/2011	11F198	28OW05-062211	EMXT	NS	NA	NONE	6/23/2011	E300.0	III
6/22/2011	11F198	28OW05-062211	EMXT	NS	NA	NONE	6/29/2011	E300.0	III
6/22/2011	11F198	28OW05-062211	EMXT	NS	NA	NONE	7/1/2011	E300.0	III
6/22/2011	11F198	28OW05-062211	EMXT	NS	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW05-062211	EMXT	NS	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW05-062211	EMXT	NS	6/29/2011	FLDFLT	7/6/2011	SW6020A	III
6/22/2011	11F198	28OW05-062211	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/22/2011	1656	28OW05-062211	MCSP	NS	7/6/2011	PM01G	7/6/2011	AM20GAX	III
6/22/2011	11F198	28OW06-062211	EMXT	NS	NA	NONE	6/23/2011	E300.0	III
6/22/2011	11F198	28OW06-062211	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/22/2011	11F198	28OW06-062211	EMXT	NS	NA	NONE	6/29/2011	E300.0	III
6/22/2011	11F198	28OW06-062211	EMXT	NS	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW06-062211	EMXT	NS	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW06-062211	EMXT	NS	6/29/2011	FLDFLT	7/6/2011	SW6020A	III
6/22/2011	11F198	28OW06-062211	EMXT	NS	6/29/2011	FLDFLT	7/11/2011	SW6020A	III
6/22/2011	11F198	28OW06-062211	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/22/2011	1656	28OW06-062211	MCSP	NS	7/6/2011	PM01G	7/6/2011	AM20GAX	III
6/22/2011	11F198	28OW07-062211	EMXT	NS	NA	NONE	6/23/2011	E300.0	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
6/22/2011	11F198	28OW07-062211	EMXT	NS	NA	NONE	6/29/2011	E300.0	III
6/22/2011	11F198	28OW07-062211	EMXT	NS	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW07-062211	EMXT	NS	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW07-062211	EMXT	NS	6/29/2011	FLDFLT	7/6/2011	SW6020A	III
6/22/2011	11F198	28OW07-062211	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/22/2011	1656	28OW07-062211	MCSP	NS	7/6/2011	PM01G	7/6/2011	AM20GAX	III
6/22/2011	11F198	28OW08-062211	EMXT	NS	NA	NONE	6/23/2011	E300.0	III
6/22/2011	11F198	28OW08-062211	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/22/2011	11F198	28OW08-062211	EMXT	NS	NA	NONE	6/29/2011	E300.0	III
6/22/2011	11F198	28OW08-062211	EMXT	NS	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW08-062211	EMXT	NS	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW08-062211	EMXT	NS	6/29/2011	FLDFLT	7/6/2011	SW6020A	III
6/22/2011	11F198	28OW08-062211	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/22/2011	1656	28OW08-062211	MCSP	NS	7/6/2011	PM01G	7/6/2011	AM20GAX	III
6/22/2011	11F198	28OW12-062211	EMXT	NS	NA	NONE	6/23/2011	E300.0	III
6/22/2011	11F198	28OW12-062211	EMXT	NS	NA	NONE	6/29/2011	E300.0	III
6/22/2011	11F198	28OW12-062211	EMXT	NS	NA	NONE	7/1/2011	E300.0	III
6/22/2011	11F198	28OW12-062211	EMXT	NS	NA	NONE	7/2/2011	E300.0	III
6/22/2011	11F198	28OW12-062211	EMXT	NS	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW12-062211	EMXT	NS	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW12-062211	EMXT	NS	6/29/2011	FLDFLT	7/5/2011	SW6020A	III
6/22/2011	11F198	28OW12-062211	EMXT	NS	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/22/2011	1656	28OW12-062211	MCSP	NS	7/6/2011	PM01G	7/6/2011	AM20GAX	III
6/22/2011	11F198	28OW19-062211	EMXT	NS1	NA	NONE	6/23/2011	E300.0	III
6/22/2011	11F198	28OW19-062211	EMXT	NS1	NA	NONE	6/25/2011	E300.0	III
6/22/2011	11F198	28OW19-062211	EMXT	NS1	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW19-062211	EMXT	NS1	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW19-062211	EMXT	NS1	6/29/2011	FLDFLT	7/6/2011	SW6020A	III
6/22/2011	11F198	28OW19-062211	EMXT	NS1	6/29/2011	SW5030B	6/29/2011	SW8260B	III
6/22/2011	1656	28OW19-062211	MCSP	NS1	7/6/2011	PM01G	7/6/2011	AM20GAX	III
6/22/2011	11F198	28OW20-062211	EMXT	NS	NA	NONE	6/23/2011	E300.0	III
6/22/2011	11F198	28OW20-062211	EMXT	NS	NA	NONE	6/25/2011	E300.0	III
6/22/2011	11F198	28OW20-062211	EMXT	NS	NA	NONE	7/5/2011	SM2320B	III
6/22/2011	11F198	28OW20-062211	EMXT	NS	NA	NONE	7/6/2011	SM5310B	III
6/22/2011	11F198	28OW20-062211	EMXT	NS	6/29/2011	FLDFLT	7/6/2011	SW6020A	III
6/22/2011	11F198	28OW20-062211	EMXT	NS	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/22/2011	1656	28OW20-062211	MCSP	NS	7/6/2011	PM01G	7/6/2011	AM20GAX	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Groundwater									
6/22/2011	11F198	MW9901-062211	EMXT	FD	6/29/2011	SW5030B	6/29/2011	SW8260B	III
8/12/2011	11H115	28OW22-081211	EMXT	NS	8/13/2011	SW5030B	8/13/2011	SW8260B	III
Field QC									
7/6/2010	10G056	RB20100706	EMXT	EB	7/15/2010	SW5030B	7/15/2010	SW8260B	III
7/6/2010	10G056	TB20100706	EMXT	TB	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/7/2010	10G072	RB20100707	EMXT	EB	7/12/2010	SW5030B	7/12/2010	SW8260B	III
7/7/2010	10G072	TB20100707	EMXT	TB	7/12/2010	SW5030B	7/12/2010	SW8260B	III
7/8/2010	10G086	RB20100708	EMXT	EB	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/8/2010	10G086	TB20100708	EMXT	TB	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/9/2010	10G085	RB20100709	EMXT	EB	7/12/2010	SW5030B	7/12/2010	SW8260B	III
7/9/2010	10G085	TB20100709	EMXT	TB	7/13/2010	SW5030B	7/13/2010	SW8260B	III
7/12/2010	10G098	RB20100712	EMXT	EB	7/14/2010	SW5030B	7/14/2010	SW8260B	III
7/12/2010	10G098	TB20100712	EMXT	TB	7/15/2010	SW5030B	7/15/2010	SW8260B	III
8/3/2010	10H024	RB-080310	EMXT	EB	8/7/2010	SW5030B	8/7/2010	SW8260B	III
8/3/2010	10H024	TB-080310	EMXT	TB	8/7/2010	SW5030B	8/7/2010	SW8260B	III
8/10/2010	10H171	TB-081010	EMXT	TB	8/24/2010	SW5030B	8/24/2010	SW8260B	III
8/11/2010	10H171	RB-081110	EMXT	EB	8/24/2010	SW5030B	8/24/2010	SW8260B	III
8/18/2010	10H279	RB-081810	EMXT	EB	8/23/2010	SW5030B	8/23/2010	SW8260B	III
8/18/2010	10H279	TB-081810	EMXT	TB	8/23/2010	SW5030B	8/23/2010	SW8260B	III
8/19/2010	10H310	RB-081910	EMXT	EB	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/19/2010	10H310	TB-081910	EMXT	TB	8/26/2010	SW5030B	8/26/2010	SW8260B	III
8/20/2010	10H310	RB-082010	EMXT	EB	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/20/2010	10H310	TB-082010	EMXT	TB	8/26/2010	SW5030B	8/26/2010	SW8260B	III
8/24/2010	10H337	RB-082410	EMXT	EB	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/24/2010	10H337	TB-082410	EMXT	TB	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/25/2010	10H385	RB-082510	EMXT	EB	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/25/2010	10H385	TB-082510	EMXT	TB	8/27/2010	SW5030B	8/27/2010	SW8260B	III
8/26/2010	10H624	RB-082610	EMXT	EB	8/31/2010	SW5030B	8/31/2010	SW8260B	III
8/26/2010	10H624	TB-082610	EMXT	TB	8/31/2010	SW5030B	8/31/2010	SW8260B	III
11/8/2010	10K086	RB-110810	EMXT	EB	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/8/2010	10K086	TB-110810	EMXT	TB	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/9/2010	10K106	RB-110910	EMXT	EB	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/9/2010	10K106	TB-110910	EMXT	TB	11/13/2010	SW5030B	11/13/2010	SW8260B	III
11/10/2010	10K130	RB-111010	EMXT	EB	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/10/2010	10K130	TB-111010	EMXT	TB	11/16/2010	SW5030B	11/16/2010	SW8260B	III
11/11/2010	10K156	RB-111110	EMXT	EB	11/18/2010	SW5030B	11/18/2010	SW8260B	III
11/11/2010	10K156	TB-111110	EMXT	TB	11/18/2010	SW5030B	11/18/2010	SW8260B	III

Table I-1: Summary of Samples Collected, Sample Date, Preparation Method, Analysis Method, and Data Review Level, IR Site 28 July 2010 through August 2011 Former Naval Air Station Moffett Field, Moffett Field, CA

Date Collected	SDG	Field ID	Lab	Sample Type	Date Prepared	Extraction Method	Date Analyzed	Analytical Method	Review Level
Field QC									
1/24/2011	11A207	RB-012411	EMXT	EB	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/24/2011	11A207	TB-012411	EMXT	TB	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/25/2011	11A215	RB-012511	EMXT	EB	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/25/2011	11A215	TB-012511	EMXT	TB	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/26/2011	11A232	RB-012611	EMXT	EB	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/26/2011	11A232	TB-012611	EMXT	TB	1/27/2011	SW5030B	1/27/2011	SW8260B	III
1/27/2011	11A246	RB-012711	EMXT	EB	1/31/2011	SW5030B	1/31/2011	SW8260B	III
1/27/2011	11A246	TB-012711	EMXT	TB	1/31/2011	SW5030B	1/31/2011	SW8260B	III
4/11/2011	11D107	RB-041111	EMXT	EB	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/11/2011	11D107	TB-041111	EMXT	TB	4/14/2011	SW5030B	4/14/2011	SW8260B	III
4/12/2011	11D119	RB-041211	EMXT	EB	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/12/2011	11D119	TB-041211	EMXT	TB	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/13/2011	11D143	RB-041311	EMXT	EB	4/15/2011	SW5030B	4/15/2011	SW8260B	III
4/13/2011	11D143	TB-041311	EMXT	TB	4/15/2011	SW5030B	4/15/2011	SW8260B	III
6/20/2011	11F188	RB-062011	EMXT	EB	6/28/2011	SW5030B	6/28/2011	SW8260B	III
6/20/2011	11F188	TB-062011	EMXT	TB	6/28/2011	SW5030B	6/28/2011	SW8260B	III
6/21/2011	11F189	RB-062111	EMXT	EB	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/21/2011	11F189	TB-062111	EMXT	TB	7/1/2011	SW5030B	7/1/2011	SW8260B	III
6/22/2011	11F198	RB-062211	EMXT	EB	6/28/2011	SW5030B	6/28/2011	SW8260B	III
6/22/2011	11F198	TB-062211	EMXT	TB	6/28/2011	SW5030B	6/28/2011	SW8260B	III
8/12/2011	11H115	RB-081211	EMXT	EB	8/13/2011	SW5030B	8/13/2011	SW8260B	III
8/12/2011	11H115	TB-081211	EMXT	TB	8/13/2011	SW5030B	8/13/2011	SW8260B	III

Notes:

*	For groundwater, Sample Depth is screen top to screen bottom; for soil it is feet below ground surface
SDG	Sample Delivery Group
EMXT	EMAX Laboratories, Inc.
MCSP	Microseeps, Inc.
NS	Normal sample sent to the lab
NS1	Normal sample associated with a field duplicate sample
FD	Field duplicate sample sent to the lab
EB	Equipment rinsate blank
TB	Trip blank
III	Samples received Level III data review

Table I-2: DATA QUALIFICATION FLAGS AND REASON CODES

Data Qualifier Definitions For Organic Data Review

Qualifier	Definition
	No Qualifier indicates that the data are acceptable both qualitatively and quantitatively.
U	The analyte was analyzed for but was not detected above the reported sample quantitation limit.
J	The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample. Results are estimated although the data are considered usable and may be used as appropriate to meet project objectives. Results are qualitatively acceptable and quantitatively uncertain.
J-	The analyte was positively identified; associated numerical value is its approximate concentration with a low bias in the sample.
J+	The analyte was positively identified; associated numerical value is its approximate concentration with a high bias in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value represents its approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The analyte was analyzed for, but the presence or absence of the analyte has not been verified. Resampling and reanalysis may be necessary to confirm or deny the presence of the analyte. Results are rejected and data are unusable for any purposes.

Data Qualifier Definitions For Inorganic Data Review

Qualifier	Definition
	No Qualifier indicates that the data are acceptable both qualitatively and quantitatively.
U	The analyte was analyzed for but was not detected above the level of the reported value. The reported value is the Instrument Detection Limit (IDL) for waters and the Method Detection Limit (MDL) for soils for all the analytes except Cyanide (CN) and Mercury (Hg). For CN and Hg, the reported value is the Contract Required Detection Limit (CRDL).
J	The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample. Results are estimated although the data are considered usable and may be used as appropriate to meet project objectives. Results are qualitatively acceptable and quantitatively uncertain.
J-	The analyte was positively identified; associated numerical value is its approximate concentration with a low bias in the sample.
J+	The analyte was positively identified; associated numerical value is its approximate concentration with a high bias in the sample.
UJ	The analyte was analyzed for but was not detected above the reported value. The reported value may not accurately or precisely represent the sample reporting limit.
R	The analyte was analyzed for, but the presence or absence of the analyte has not been verified. Resampling and reanalysis may be necessary to confirm or deny the presence of the analyte. Results are rejected and data are unusable for any purposes.

Table I-2: DATA QUALIFICATION FLAGS AND REASON CODES

Reason Codes for Data Review and Validation

REASON CODE	DESCRIPTION
A	Serial dilution outside criteria (Level IV).
B1	Method blank contaminants above reporting limit.
B2	Calibration blank contaminants above reporting limit.
B2, Bias Flag "-"	Calibration blank indicates negative interference, false negatives may be present
C	Calibration outside control limits.
D1	Sample Duplicate RPD outside control limit.
D2	Matrix Duplicate RPD outside control limit
E	The sample results exceed the linear calibration range of the instrument.
F	Hydrocarbon pattern does not match hydrocarbon pattern in the standard.
G1	Initial calibration RSD outside control limit.
G2	Initial continuing calibration RRF outside control limit.
G3	Continuing calibration RRF outside control limit.
H	Holding time exceeded.
I	Internal standard recovery outside control limit.
K1	Equipment rinsate contamination.
K2	Ambient blank contamination
K3	Trip blank contamination
L	LCS outside control limits.
M	MS outside control limits.
O	Interference check sample outside acceptance criteria
P	Analyte qualified based on the professional judgement of the reviewer.
S	Surrogate recovery outside control limit.
T	Temperature outside acceptance criteria.
Tr	Value reported detected between the MDL and PQL
W	Pesticide breakdown outside criteria (Level IV).
X	Raised reporting limit due to matrix interference or high analyte concentration.
Y	Analyte was not confirmed by a second column.
Y1	Primary and Confirmation Sample Duplicate RPD outside control limit.

Table I-3
Qualified Data Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Sample	Sample Type	Sample Date	Analyte	SDG	Result	MDL	RL	Dilution	Units	Qualifier
Reason Code H	**Method E300.0**									
28OW-10-20100708	NS	7/8/2010	Nitrate	10G086	ND	0.05	0.1	1	mg/L	UJ
28OW-11-20100708	NS	7/8/2010	Nitrate	10G086	ND	0.05	0.1	1	mg/L	UJ
28OW-22-20100708	NS1	7/8/2010	Nitrate	10G086	1	0.05	0.1	1	mg/L	J
28OW-23-20100708	NS1	7/8/2010	Nitrate	10G086	ND	0.05	0.1	1	mg/L	UJ
28OW-24-20100708	NS	7/8/2010	Nitrate	10G086	1.06	0.05	0.1	1	mg/L	J
28OW-9-20100708	NS1	7/8/2010	Nitrate	10G086	ND	0.05	0.1	1	mg/L	UJ
28OW-1-20100709	NS	7/9/2010	Nitrate	10G085	0.198	0.05	0.1	1	mg/L	J
28OW-2-20100709	NS	7/9/2010	Nitrate	10G085	0.395	0.05	0.1	1	mg/L	J
28OW-3-20100709	NS	7/9/2010	Nitrate	10G085	ND	0.05	0.1	1	mg/L	UJ
28OW-4-20100709	NS	7/9/2010	Nitrate	10G085	ND	0.05	0.1	1	mg/L	UJ
28OW-5-20100709	NS	7/9/2010	Nitrate	10G085	ND	0.05	0.1	1	mg/L	UJ
28OW-7-20100709	NS	7/9/2010	Nitrate	10G085	ND	0.05	0.1	1	mg/L	UJ
28OW-05-081910	NS	8/19/2010	Nitrate	10H310	ND	2.5	5	50	mg/L	UJ
28OW-06-081910	NS	8/19/2010	Nitrate	10H310	ND	0.05	0.1	1	mg/L	UJ
28OW-07-081910	NS	8/19/2010	Nitrate	10H310	ND	2.5	5	50	mg/L	UJ
28OW-01-082010	NS	8/20/2010	Nitrate	10H310	0.281	0.05	0.1	1	mg/L	J
28OW-02-082010	NS	8/20/2010	Nitrate	10H310	ND	0.05	0.1	1	mg/L	UJ
28OW-03-082010	NS	8/20/2010	Nitrate	10H310	ND	0.05	0.1	1	mg/L	UJ
28OW-04-082010	NS	8/20/2010	Nitrate	10H310	ND	0.05	0.1	1	mg/L	UJ
Reason Code A	**Method SW6020A**									
28OW-18-20100707	NS	7/7/2010	Manganese	10G072	1030	0.5	1	1	µg/L	J
28OW-19-20100707	NS	7/7/2010	Manganese	10G072	63.5	0.5	1	1	µg/L	J
28OW-20-20100707	NS	7/7/2010	Manganese	10G072	183	0.5	1	1	µg/L	J
28OW-21-20100707	NS	7/7/2010	Manganese	10G072	361	0.5	1	1	µg/L	J
28OW01-111010	NS	11/10/2010	Iron	10K130	ND	200	1000	1	µg/L	UJ
28OW02-111010	NS	11/10/2010	Iron	10K130	3020	200	1000	1	µg/L	J
28OW03-111010	NS	11/10/2010	Iron	10K130	1590	200	1000	1	µg/L	J
28OW04-111010	NS	11/10/2010	Iron	10K130	5560	200	1000	1	µg/L	J
28OW05-111010	NS	11/10/2010	Iron	10K130	39600	200	1000	1	µg/L	J
28OW07-111010	NS	11/10/2010	Iron	10K130	9090	1000	5000	5	µg/L	J
28OW08-111010	NS	11/10/2010	Iron	10K130	647	200	1000	1	µg/L	J
W9-29-111010	NS	11/10/2010	Iron	10K130	527	200	1000	1	µg/L	J
W9-42-111010	NS	11/10/2010	Iron	10K130	ND	200	1000	1	µg/L	UJ
28OW19-111110	NS1	11/11/2010	Manganese	10K156	43.6	0.5	1	1	µg/L	J
28OW20-111110	NS	11/11/2010	Manganese	10K156	1100	0.5	1	1	µg/L	J
28OW21-111110	NS	11/11/2010	Manganese	10K156	2260	0.5	1	1	µg/L	J
28OW22-111110	NS	11/11/2010	Manganese	10K156	1450	0.5	1	1	µg/L	J
28OW23-111110	NS	11/11/2010	Manganese	10K156	327	0.5	1	1	µg/L	J

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Sample	Sample Type	Sample Date	Analyte	SDG	Result	MDL	RL	Dilution	Units	Qualifier
Reason Code A	**Method SW6020A**									
28OW24-111110	NS	11/11/2010	Manganese	10K156	165	0.5	1	1	µg/L	J
Reason Code M	**Method SW6020A**									
28OW10-062011	NS	6/20/2011	Manganese	11F188	715	0.2	1	1	µg/L	J-
Reason Code B1	**Method SW8260B**									
28OW-17-082510	NS1	8/25/2010	Carbon Disulfide	10H385	0.22	0.2	1	1	µg/L	U
MW9903-082510	FD	8/25/2010	Carbon Disulfide	10H385	0.38	0.2	1	1	µg/L	U
Reason Code C	**Method SW8260B**									
28OW-15-20100706	NS	7/6/2010	Chloromethane	10G056	ND	0.2	1	1	µg/L	UJ
28OW-20-20100707	NS	7/7/2010	Trichlorofluoromethane	10G072	0.45	0.2	1	1	µg/L	J+
28OW-21-20100707	NS	7/7/2010	4-Chlorotoluene	10G072	ND	0.2	1	1	µg/L	UJ
28OW-1-20100709	NS	7/9/2010	4-Chlorotoluene	10G085	ND	0.2	1	1	µg/L	UJ
28OW-3-20100709	NS	7/9/2010	4-Chlorotoluene	10G085	ND	0.2	1	1	µg/L	UJ
28OW-4-20100709	NS	7/9/2010	4-Chlorotoluene	10G085	ND	0.2	1	1	µg/L	UJ
28OW-12-20100712	NS	7/12/2010	Bromomethane	10G098	ND	0.2	1	1	µg/L	UJ
28OW-6-20100712	NS	7/12/2010	Bromomethane	10G098	ND	0.2	1	1	µg/L	UJ
28OW-8-20100712	NS	7/12/2010	Bromomethane	10G098	ND	0.2	1	1	µg/L	UJ
W9-29-20100712	NS	7/12/2010	Bromomethane	10G098	ND	0.2	1	1	µg/L	UJ
W9-42-20100712	NS	7/12/2010	Bromomethane	10G098	ND	0.2	1	1	µg/L	UJ
28OW-18-080310	NS	8/3/2010	Methyl tert-butyl ether	10H024	ND	0.2	1	1	µg/L	UJ
28OW-21-081010	NS1	8/10/2010	2-Chlorotoluene	10H171	ND	0.2	1	1	µg/L	UJ
28OW-21-081010	NS1	8/10/2010	Chloromethane	10H171	ND	0.2	1	1	µg/L	UJ
28OW-21-081010	NS1	8/10/2010	N-propylbenzene	10H171	ND	0.2	1	1	µg/L	UJ
28OW-24-081010	NS	8/10/2010	2-Chlorotoluene	10H171	ND	0.2	1	1	µg/L	UJ
28OW-24-081010	NS	8/10/2010	Chloromethane	10H171	ND	0.2	1	1	µg/L	UJ
28OW-24-081010	NS	8/10/2010	N-propylbenzene	10H171	ND	0.2	1	1	µg/L	UJ
MW9901-081010	FD	8/10/2010	2-Chlorotoluene	10H171	ND	0.2	1	1	µg/L	UJ
MW9901-081010	FD	8/10/2010	Chloromethane	10H171	ND	0.2	1	1	µg/L	UJ
MW9901-081010	FD	8/10/2010	N-propylbenzene	10H171	ND	0.2	1	1	µg/L	UJ
28OW-19-081110	NS	8/11/2010	2-Chlorotoluene	10H171	ND	0.2	1	1	µg/L	UJ
28OW-19-081110	NS	8/11/2010	Chloromethane	10H171	ND	0.2	1	1	µg/L	UJ
28OW-19-081110	NS	8/11/2010	N-propylbenzene	10H171	ND	0.2	1	1	µg/L	UJ
28OW-20-081110	NS	8/11/2010	2-Chlorotoluene	10H171	ND	0.2	1	1	µg/L	UJ
28OW-20-081110	NS	8/11/2010	Chloromethane	10H171	ND	0.2	1	1	µg/L	UJ
28OW-20-081110	NS	8/11/2010	N-propylbenzene	10H171	ND	0.2	1	1	µg/L	UJ
28OW-23-081110	NS	8/11/2010	2-Chlorotoluene	10H171	ND	1	5	5	µg/L	UJ
28OW-23-081110	NS	8/11/2010	Chloromethane	10H171	ND	1	5	5	µg/L	UJ
28OW-23-081110	NS	8/11/2010	N-propylbenzene	10H171	ND	1	5	5	µg/L	UJ

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Sample	Sample Type	Sample Date	Analyte	SDG	Result	MDL	RL	Dilution	Units	Qualifier
Reason Code C	**Method SW8260B**									
28OW-08-082410	NS	8/24/2010	Trichloroetylene	10H337	670	10	50	50	µg/L	J+
W9-29-082410	NS	8/24/2010	Trichloroetylene	10H337	280	10	50	50	µg/L	J+
28OW-14-082510	NS	8/25/2010	Trichloroetylene	10H385	1200	10	50	50	µg/L	J+
28OW-18-082510	NS	8/25/2010	Trichloroetylene	10H385	1400	10	50	50	µg/L	J+
28OW-13-082610	NS	8/26/2010	Methyl tert-butyl ether	10H624	ND	0.2	1	1	µg/L	UJ
28OW-16-082610	NS	8/26/2010	Methyl tert-butyl ether	10H624	ND	0.2	1	1	µg/L	UJ
W9-18-082610	NS	8/26/2010	Methyl tert-butyl ether	10H624	ND	0.2	1	1	µg/L	UJ
28OW06-110810	NS	11/8/2010	1,2,4-Trichlorobenzene	10K086	ND	0.2	1	1	µg/L	UJ
28OW06-110810	NS	11/8/2010	Naphthalene	10K086	ND	0.5	2	1	µg/L	UJ
28OW09-110810	NS1	11/8/2010	1,2,4-Trichlorobenzene	10K086	ND	0.2	1	1	µg/L	UJ
28OW09-110810	NS1	11/8/2010	Naphthalene	10K086	ND	0.5	2	1	µg/L	UJ
28OW10-110810	NS	11/8/2010	1,2,4-Trichlorobenzene	10K086	ND	0.2	1	1	µg/L	UJ
28OW10-110810	NS	11/8/2010	Naphthalene	10K086	ND	0.5	2	1	µg/L	UJ
28OW11-110810	NS	11/8/2010	1,2,4-Trichlorobenzene	10K086	ND	0.2	1	1	µg/L	UJ
28OW11-110810	NS	11/8/2010	Naphthalene	10K086	ND	0.5	2	1	µg/L	UJ
28OW12-110810	NS	11/8/2010	1,2,4-Trichlorobenzene	10K086	ND	0.2	1	1	µg/L	UJ
28OW12-110810	NS	11/8/2010	Naphthalene	10K086	ND	0.5	2	1	µg/L	UJ
MW9901-110810	FD	11/8/2010	1,2,4-Trichlorobenzene	10K086	ND	0.2	1	1	µg/L	UJ
MW9901-110810	FD	11/8/2010	Naphthalene	10K086	ND	0.5	2	1	µg/L	UJ
28OW01-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
28OW01-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
28OW02-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
28OW02-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
28OW03-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
28OW03-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
28OW04-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
28OW04-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
28OW05-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
28OW05-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
28OW07-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
28OW07-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
28OW08-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
28OW08-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
W9-29-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
W9-29-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
W9-42-111010	NS	11/10/2010	1,2,4-Trichlorobenzene	10K130	ND	0.2	1	1	µg/L	UJ
W9-42-111010	NS	11/10/2010	Naphthalene	10K130	ND	0.5	2	1	µg/L	UJ
28OW19-111110	NS1	11/11/2010	1,2,4-Trichlorobenzene	10K156	ND	0.2	1	1	µg/L	UJ

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Sample	Sample Type	Sample Date	Analyte	SDG	Result	MDL	RL	Dilution	Units	Qualifier
Reason Code C	**Method SW8260B**									
28OW19-111110	NS1	11/11/2010	Naphthalene	10K156	ND	0.5	2	1	µg/L	UJ
28OW20-111110	NS	11/11/2010	1,2,4-Trichlorobenzene	10K156	ND	0.2	1	1	µg/L	UJ
28OW20-111110	NS	11/11/2010	Naphthalene	10K156	ND	0.5	2	1	µg/L	UJ
28OW21-111110	NS	11/11/2010	1,2,4-Trichlorobenzene	10K156	ND	0.2	1	1	µg/L	UJ
28OW21-111110	NS	11/11/2010	Naphthalene	10K156	ND	0.5	2	1	µg/L	UJ
28OW22-111110	NS	11/11/2010	1,2,4-Trichlorobenzene	10K156	ND	0.2	1	1	µg/L	UJ
28OW22-111110	NS	11/11/2010	Naphthalene	10K156	ND	0.5	2	1	µg/L	UJ
28OW23-111110	NS	11/11/2010	1,2,4-Trichlorobenzene	10K156	ND	0.2	1	1	µg/L	UJ
28OW23-111110	NS	11/11/2010	Naphthalene	10K156	ND	0.5	2	1	µg/L	UJ
28OW24-111110	NS	11/11/2010	1,2,4-Trichlorobenzene	10K156	ND	0.2	1	1	µg/L	UJ
28OW24-111110	NS	11/11/2010	Naphthalene	10K156	ND	0.5	2	1	µg/L	UJ
MW9903-111110	FD	11/11/2010	1,2,4-Trichlorobenzene	10K156	ND	0.2	1	1	µg/L	UJ
MW9903-111110	FD	11/11/2010	Naphthalene	10K156	ND	0.5	2	1	µg/L	UJ
28OW-13-012511	NS1	1/25/2011	Bromomethane	11A215	ND	0.3	1	1	µg/L	UJ
28OW-15-012511	NS	1/25/2011	Bromomethane	11A215	ND	1.5	5	5	µg/L	UJ
28OW-16-012511	NS	1/25/2011	Acetone	11A215	16	5	10	1	µg/L	J+
28OW-16-012511	NS	1/25/2011	Bromomethane	11A215	ND	0.3	1	1	µg/L	UJ
28OW-17-012511	NS	1/25/2011	Bromomethane	11A215	ND	1.5	5	5	µg/L	UJ
28OW-18-012511	NS	1/25/2011	Acetone	11A215	5.1	5	10	1	µg/L	J+
28OW-18-012511	NS	1/25/2011	Bromomethane	11A215	ND	0.3	1	1	µg/L	UJ
28OW-23-012511	NS	1/25/2011	Bromomethane	11A215	ND	1.5	5	5	µg/L	UJ
28OW-24-012511	NS	1/25/2011	Bromomethane	11A215	ND	0.3	1	1	µg/L	UJ
MW9902-012511	FD	1/25/2011	Bromomethane	11A215	ND	0.3	1	1	µg/L	UJ
W9-18-012511	NS	1/25/2011	Bromomethane	11A215	ND	0.3	1	1	µg/L	UJ
28OW-05-012711	NS	1/27/2011	Acetone	11A246	150	5	10	1	µg/L	J+
28OW-05-012711	NS	1/27/2011	Bromomethane	11A246	ND	0.3	1	1	µg/L	UJ
28OW-06-012711	NS	1/27/2011	Bromomethane	11A246	ND	0.3	1	1	µg/L	UJ
28OW-07-012711	NS	1/27/2011	Acetone	11A246	190	5	10	1	µg/L	J+
28OW-07-012711	NS	1/27/2011	Bromomethane	11A246	ND	0.3	1	1	µg/L	UJ
28OW-19-012711	NS1	1/27/2011	Acetone	11A246	15	5	10	1	µg/L	J+
28OW-19-012711	NS1	1/27/2011	Bromomethane	11A246	ND	0.3	1	1	µg/L	UJ
28OW-20-012711	NS	1/27/2011	Bromomethane	11A246	ND	0.3	1	1	µg/L	UJ
MW9903-012711	FD	1/27/2011	Acetone	11A246	14	5	10	1	µg/L	J+
MW9903-012711	FD	1/27/2011	Bromomethane	11A246	ND	0.3	1	1	µg/L	UJ
W9-29-041111	NS	4/11/2011	Bromomethane	11D107	ND	0.3	1	1	µg/L	UJ
W9-29-041111	NS	4/11/2011	Carbon Disulfide	11D107	ND	0.2	1	1	µg/L	UJ
W9-29-041111	NS	4/11/2011	Chloromethane	11D107	ND	0.3	1	1	µg/L	UJ
W9-42-041111	NS	4/11/2011	Bromomethane	11D107	ND	0.3	1	1	µg/L	UJ

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Sample	Sample Type	Sample Date	Analyte	SDG	Result	MDL	RL	Dilution	Units	Qualifier
Reason Code C	**Method SW8260B**									
W9-42-041111	NS	4/11/2011	Carbon Disulfide	11D107	ND	0.2	1	1	µg/L	UJ
W9-42-041111	NS	4/11/2011	Chloromethane	11D107	ND	0.3	1	1	µg/L	UJ
28OW05-041211	NS	4/12/2011	Bromomethane	11D119	ND	0.3	1	1	µg/L	UJ
28OW13-041211	NS1	4/12/2011	Bromomethane	11D119	ND	0.3	1	1	µg/L	UJ
28OW14-041211	NS	4/12/2011	Bromomethane	11D119	ND	0.3	1	1	µg/L	UJ
28OW15-041211	NS	4/12/2011	Bromomethane	11D119	ND	1.5	5	5	µg/L	UJ
28OW16-041211	NS	4/12/2011	Bromomethane	11D119	ND	0.3	1	1	µg/L	UJ
28OW17-041211	NS	4/12/2011	Bromomethane	11D119	ND	1.5	5	5	µg/L	UJ
28OW18-041211	NS	4/12/2011	Bromomethane	11D119	ND	0.3	1	1	µg/L	UJ
MW9902-041211	FD	4/12/2011	Bromomethane	11D119	ND	0.3	1	1	µg/L	UJ
W9-18-041211	NS	4/12/2011	Bromomethane	11D119	ND	0.3	1	1	µg/L	UJ
28OW07-041311	NS	4/13/2011	Chloromethane	11D143	ND	0.3	1	1	µg/L	UJ
28OW21-062011	NS	6/20/2011	Chloroethane	11F188	1.1	0.3	1	1	µg/L	J-
W9-42-062011	NS	6/20/2011	Chloroethane	11F188	0.52	0.3	1	1	µg/L	J-
28OW03-062211	NS	6/22/2011	Naphthalene	11F198	ND	2.5	10	5	µg/L	UJ
28OW04-062211	NS	6/22/2011	Naphthalene	11F198	ND	2.5	10	5	µg/L	UJ
28OW05-062211	NS	6/22/2011	Naphthalene	11F198	ND	0.5	2	1	µg/L	UJ
28OW06-062211	NS	6/22/2011	Naphthalene	11F198	ND	0.5	2	1	µg/L	UJ
28OW07-062211	NS	6/22/2011	Naphthalene	11F198	ND	0.5	2	1	µg/L	UJ
28OW08-062211	NS	6/22/2011	Naphthalene	11F198	ND	0.5	2	1	µg/L	UJ
28OW12-062211	NS	6/22/2011	Naphthalene	11F198	ND	0.5	2	1	µg/L	UJ
28OW19-062211	NS1	6/22/2011	Naphthalene	11F198	ND	0.5	2	1	µg/L	UJ
28OW20-062211	NS	6/22/2011	Naphthalene	11F198	ND	0.5	2	1	µg/L	UJ
MW9901-062211	FD	6/22/2011	Naphthalene	11F198	ND	0.5	2	1	µg/L	UJ
Reason Code K1	**Method SW8260B**									
28OW-13-20100706	NS	7/6/2010	Chloroform	10G056	1.2	0.2	1	1	µg/L	U
28OW-14-20100706	NS	7/6/2010	Acetone	10G056	5.5	5	10	1	µg/L	U
28OW-15-20100706	NS	7/6/2010	Acetone	10G056	7.8	5	10	1	µg/L	U
28OW-16-20100706	NS	7/6/2010	Acetone	10G056	13	5	10	1	µg/L	U
28OW-16-20100706	NS	7/6/2010	Chloroform	10G056	0.42	0.2	1	1	µg/L	U
28OW-17-20100706	NS	7/6/2010	Acetone	10G056	5.1	5	10	1	µg/L	U
28OW-17-20100706	NS	7/6/2010	Chloroform	10G056	0.45	0.2	1	1	µg/L	U
28OW-18-20100707	NS	7/7/2010	Acetone	10G072	6.6	5	10	1	µg/L	U
28OW-18-20100707	NS	7/7/2010	Chloroform	10G072	0.29	0.2	1	1	µg/L	U
28OW-19-20100707	NS	7/7/2010	Acetone	10G072	5.1	5	10	1	µg/L	U
28OW-19-20100707	NS	7/7/2010	Chloroform	10G072	0.4	0.2	1	1	µg/L	U
28OW-20-20100707	NS	7/7/2010	Acetone	10G072	6.3	5	10	1	µg/L	U
28OW-20-20100707	NS	7/7/2010	Chloroform	10G072	0.55	0.2	1	1	µg/L	U

Table I-3
Qualified Data Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Sample	Sample Type	Sample Date	Analyte	SDG	Result	MDL	RL	Dilution	Units	Qualifier
Reason Code K1	**Method SW8260B**									
28OW-21-20100707	NS	7/7/2010	Acetone	10G072	6.4	5	10	1	µg/L	U
28OW-21-20100707	NS	7/7/2010	Chloroform	10G072	0.72	0.2	1	1	µg/L	U
28OW-22-20100708	NS1	7/8/2010	Chloroform	10G086	0.44	0.2	1	1	µg/L	U
28OW-24-20100708	NS	7/8/2010	Chloroform	10G086	0.41	0.2	1	1	µg/L	U
MW9901-20100708	FD	7/8/2010	Chloroform	10G086	0.42	0.2	1	1	µg/L	U
28OW-1-20100709	NS	7/9/2010	Acetone	10G085	5.6	5	10	1	µg/L	U
28OW-3-20100709	NS	7/9/2010	Acetone	10G085	6.2	5	10	1	µg/L	U
28OW-7-20100709	NS	7/9/2010	Acetone	10G085	5.5	5	10	1	µg/L	U
28OW-8-20100712	NS	7/12/2010	Acetone	10G098	9.7	5	10	1	µg/L	U
28OW-21-081010	NS1	8/10/2010	Acetone	10H171	7.4	5	10	1	µg/L	U
28OW-24-081010	NS	8/10/2010	Acetone	10H171	9.3	5	10	1	µg/L	U
MW9901-081010	FD	8/10/2010	Acetone	10H171	8.3	5	10	1	µg/L	U
28OW-19-081110	NS	8/11/2010	Acetone	10H171	5.9	5	10	1	µg/L	U
28OW-11-081810	NS	8/18/2010	Acetone	10H279	6.7	5	10	1	µg/L	U
28OW-06-081910	NS	8/19/2010	Acetone	10H310	13	5	10	1	µg/L	U
28OW-07-081910	NS	8/19/2010	1,1-Dichloroethylene	10H310	8.2	5	25	25	µg/L	U
28OW-02-082010	NS	8/20/2010	Acetone	10H310	6	5	10	1	µg/L	U
28OW-08-082410	NS	8/24/2010	Toluene	10H337	0.3	0.2	1	1	µg/L	U
W9-29-082410	NS	8/24/2010	Acetone	10H337	5.3	5	10	1	µg/L	U
W9-42-082410	NS	8/24/2010	Acetone	10H337	6	5	10	1	µg/L	U
28OW-14-082510	NS	8/25/2010	Benzene	10H385	0.93	0.2	1	1	µg/L	U
MW9903-082510	FD	8/25/2010	Benzene	10H385	0.21	0.2	1	1	µg/L	U
28OW-13-082610	NS	8/26/2010	Toluene	10H624	0.24	0.2	1	1	µg/L	U
28OW-15-082610	NS	8/26/2010	Toluene	10H624	0.34	0.2	1	1	µg/L	U
W9-18-082610	NS	8/26/2010	Toluene	10H624	0.24	0.2	1	1	µg/L	U
28OW06-110810	NS	11/8/2010	Acetone	10K086	8.2	5	10	1	µg/L	U
28OW02-111010	NS	11/10/2010	Acetone	10K130	7.2	5	10	1	µg/L	U
28OW03-111010	NS	11/10/2010	Acetone	10K130	7.5	5	10	1	µg/L	U
28OW04-111010	NS	11/10/2010	Acetone	10K130	7.6	5	10	1	µg/L	U
28OW08-111010	NS	11/10/2010	Acetone	10K130	7	5	10	1	µg/L	U
W9-29-111010	NS	11/10/2010	Acetone	10K130	5.1	5	10	1	µg/L	U
28OW21-111110	NS	11/11/2010	Acetone	10K156	5.1	5	10	1	µg/L	U
28OW22-111110	NS	11/11/2010	Acetone	10K156	6.6	5	10	1	µg/L	U
28OW22-041111	NS	4/11/2011	Chloroform	11D107	0.34	0.2	1	1	µg/L	U
28OW24-041111	NS	4/11/2011	Chloroform	11D107	0.37	0.2	1	1	µg/L	U
28OW18-041211	NS	4/12/2011	Chloroform	11D119	0.24	0.2	1	1	µg/L	U
28OW12-041311	NS	4/13/2011	Toluene	11D143	1.3	0.2	1	1	µg/L	U
28OW19-041311	NS1	4/13/2011	Chloroform	11D143	0.35	0.2	1	1	µg/L	U

Table I-3
Qualified Data Summary, IR Site 28
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Sample	Sample Type	Sample Date	Analyte	SDG	Result	MDL	RL	Dilution	Units	Qualifier
Reason Code K1	**Method SW8260B**									
28OW20-041311	NS	4/13/2011	Chloroform	11D143	0.23	0.2	1	1	µg/L	U
MW9903-041311	FD	4/13/2011	Chloroform	11D143	0.29	0.2	1	1	µg/L	U
28OW13-062111	NS1	6/21/2011	Acetone	11F189	7	5	10	1	µg/L	U
MW9902-062111	FD	6/21/2011	Acetone	11F189	5.9	5	10	1	µg/L	U
Reason Code K1K3	**Method SW8260B**									
28OW-12-081810	NS	8/18/2010	Toluene	10H279	2.7	1	5	5	µg/L	U
Reason Code K3	**Method SW8260B**									
28OW-15-20100706	NS	7/6/2010	Toluene	10G056	0.24	0.2	1	1	µg/L	U
28OW-23-20100708	NS1	7/8/2010	Toluene	10G086	0.47	0.2	1	1	µg/L	U
MW9902-20100708	FD	7/8/2010	Toluene	10G086	0.45	0.2	1	1	µg/L	U
28OW-8-20100712	NS	7/12/2010	Toluene	10G098	0.35	0.2	1	1	µg/L	U

Notes: See Table 2 for definitions of Qualifiers and Reason Codes.

SDG Sample delivery group
MDL Method detection limit
RL Reporting limit
NS Normal sample sent to the lab
NS1 Normal sample sent to the lab that is associated with a field duplicate sample
FD Field duplicate sample sent to the lab
ND ND = not detected
µg/L Micrograms per liter
mg/L Milligrams per liter

Table I-4
Detected Trip Blank Results and Associated Sample Results, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
TB20100706	**TB**	**7/6/2010**	**SW8260B**	**Methylene Chloride**	**0.68**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-13-20100706	NS	7/6/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-14-20100706	NS	7/6/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-15-20100706	NS	7/6/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-16-20100706	NS	7/6/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-17-20100706	NS	7/6/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
RB20100706	EB	7/6/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
W9-18-20100706	NS	7/6/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB20100706	**TB**	**7/6/2010**	**SW8260B**	**Toluene**	**0.21**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-13-20100706	NS	7/6/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-14-20100706	NS	7/6/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-15-20100706	NS	7/6/2010	SW8260B	Toluene	0.24	0.2	1	µg/L	U	K3
28OW-16-20100706	NS	7/6/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-17-20100706	NS	7/6/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB20100706	EB	7/6/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-18-20100706	NS	7/6/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
TB20100707	**TB**	**7/7/2010**	**SW8260B**	**Methylene Chloride**	**0.58**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-18-20100707	NS	7/7/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-19-20100707	NS	7/7/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-20-20100707	NS	7/7/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-21-20100707	NS	7/7/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
RB20100707	EB	7/7/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB20100707	**TB**	**7/7/2010**	**SW8260B**	**Toluene**	**0.28**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-18-20100707	NS	7/7/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-19-20100707	NS	7/7/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-20-20100707	NS	7/7/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-21-20100707	NS	7/7/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB20100707	EB	7/7/2010	SW8260B	Toluene	ND	0.2	1	µg/L		

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Detected Trip Blank Results and Associated Sample Results, IR Site 28
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Former Naval Air Station Moffett Field, Moffett Field, CA

Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
TB20100708	**TB**	**7/8/2010**	**SW8260B**	**Methylene Chloride**	**0.83**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-9-20100708	NS1	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
MW9903-20100708	FD	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-10-20100708	NS	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-11-20100708	NS	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-22-20100708	NS1	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
MW9901-20100708	FD	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-23-20100708	NS1	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
MW9902-20100708	FD	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-24-20100708	NS	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
RB20100708	EB	7/8/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB20100708	**TB**	**7/8/2010**	**SW8260B**	**Toluene**	**0.33**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-9-20100708	NS1	7/8/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9903-20100708	FD	7/8/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-10-20100708	NS	7/8/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-11-20100708	NS	7/8/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-22-20100708	NS1	7/8/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9901-20100708	FD	7/8/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-23-20100708	NS1	7/8/2010	SW8260B	Toluene	0.47	0.2	1	µg/L	U	K3
MW9902-20100708	FD	7/8/2010	SW8260B	Toluene	0.45	0.2	1	µg/L	U	K3
28OW-24-20100708	NS	7/8/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB20100708	EB	7/8/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
TB20100709	**TB**	**7/9/2010**	**SW8260B**	**Methylene Chloride**	**0.53**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-1-20100709	NS	7/9/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-2-20100709	NS	7/9/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-3-20100709	NS	7/9/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-4-20100709	NS	7/9/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-5-20100709	NS	7/9/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-7-20100709	NS	7/9/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
RB20100709	EB	7/9/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB20100709	**TB**	**7/9/2010**	**SW8260B**	**Toluene**	**0.21**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-1-20100709	NS	7/9/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-2-20100709	NS	7/9/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-3-20100709	NS	7/9/2010	SW8260B	Toluene	2.2	0.2	1	µg/L		
28OW-4-20100709	NS	7/9/2010	SW8260B	Toluene	5	0.2	1	µg/L		
28OW-5-20100709	NS	7/9/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-7-20100709	NS	7/9/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB20100709	EB	7/9/2010	SW8260B	Toluene	ND	0.2	1	µg/L		

Table I-4
Detected Trip Blank Results and Associated Sample Results, IR Site 28
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Former Naval Air Station Moffett Field, Moffett Field, CA

Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
TB20100712	**TB**	**7/12/2010**	**SW8260B**	**Methylene Chloride**	**0.79**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-6-20100712	NS	7/12/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-8-20100712	NS	7/12/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-12-20100712	NS	7/12/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
RB20100712	EB	7/12/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
W9-29-20100712	NS	7/12/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
W9-42-20100712	NS	7/12/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB20100712	**TB**	**7/12/2010**	**SW8260B**	**Toluene**	**0.29**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-6-20100712	NS	7/12/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-8-20100712	NS	7/12/2010	SW8260B	Toluene	0.35	0.2	1	µg/L	U	K3
28OW-12-20100712	NS	7/12/2010	SW8260B	Toluene	5.2	0.2	1	µg/L		
RB20100712	EB	7/12/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-29-20100712	NS	7/12/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-42-20100712	NS	7/12/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
TB-080310	**TB**	**8/3/2010**	**SW8260B**	**Methylene Chloride**	**0.64**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-18-080310	NS	8/3/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
RB-080310	EB	8/3/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB-080310	**TB**	**8/3/2010**	**SW8260B**	**Toluene**	**0.32**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-18-080310	NS	8/3/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-080310	EB	8/3/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
TB-081010	**TB**	**8/10/2010**	**SW8260B**	**Chloromethane**	**0.26**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-19-081110	NS	8/11/2010	SW8260B	Chloromethane	ND	0.2	1	µg/L	UJ	C
28OW-20-081110	NS	8/11/2010	SW8260B	Chloromethane	ND	0.2	1	µg/L	UJ	C
28OW-21-081010	NS1	8/10/2010	SW8260B	Chloromethane	ND	0.2	1	µg/L	UJ	C
MW9901-081010	FD	8/10/2010	SW8260B	Chloromethane	ND	0.2	1	µg/L	UJ	C
28OW-22-081010	NS	8/10/2010	SW8260B	Chloromethane	ND	0.2	1	µg/L		
28OW-23-081110	NS	8/11/2010	SW8260B	Chloromethane	ND	1	5	µg/L	UJ	C
28OW-24-081010	NS	8/10/2010	SW8260B	Chloromethane	ND	0.2	1	µg/L	UJ	C
RB-081110	EB	8/11/2010	SW8260B	Chloromethane	ND	0.2	1	µg/L		
TB-081010	**TB**	**8/10/2010**	**SW8260B**	**Toluene**	**0.32**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-19-081110	NS	8/11/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-20-081110	NS	8/11/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-21-081010	NS1	8/10/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9901-081010	FD	8/10/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-22-081010	NS	8/10/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-23-081110	NS	8/11/2010	SW8260B	Toluene	ND	1	5	µg/L		
28OW-24-081010	NS	8/10/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-081110	EB	8/11/2010	SW8260B	Toluene	0.48	0.2	1	µg/L	J	Tr

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Detected Trip Blank Results and Associated Sample Results, IR Site 28
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Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
TB-081810	**TB**	**8/18/2010**	**SW8260B**	**Methylene Chloride**	**0.62**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-09-081810	NS1	8/18/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
MW9902-081810	FD	8/18/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-10-081810	NS	8/18/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-11-081810	NS	8/18/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-12-081810	NS	8/18/2010	SW8260B	Methylene Chloride	ND	2.5	5	µg/L		
RB-081810	EB	8/18/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB-081810	**TB**	**8/18/2010**	**SW8260B**	**Toluene**	**0.31**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-09-081810	NS1	8/18/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9902-081810	FD	8/18/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-10-081810	NS	8/18/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-11-081810	NS	8/18/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-12-081810	NS	8/18/2010	SW8260B	Toluene	2.7	1	5	µg/L	U	K1K3
RB-081810	EB	8/18/2010	SW8260B	Toluene	0.85	0.2	1	µg/L	J	Tr
TB-081910	**TB**	**8/19/2010**	**SW8260B**	**Methylene Chloride**	**0.89**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-05-081910	NS	8/19/2010	SW8260B	Methylene Chloride	ND	5	10	µg/L		
28OW-06-081910	NS	8/19/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-07-081910	NS	8/19/2010	SW8260B	Methylene Chloride	ND	12	25	µg/L		
RB-081910	EB	8/19/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB-081910	**TB**	**8/19/2010**	**SW8260B**	**Toluene**	**0.3**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-05-081910	NS	8/19/2010	SW8260B	Toluene	ND	2	10	µg/L		
28OW-06-081910	NS	8/19/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-07-081910	NS	8/19/2010	SW8260B	Toluene	ND	5	25	µg/L		
RB-081910	EB	8/19/2010	SW8260B	Toluene	0.67	0.2	1	µg/L	J	Tr
TB-082010	**TB**	**8/20/2010**	**SW8260B**	**Methylene Chloride**	**0.89**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW-01-082010	NS	8/20/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-02-082010	NS	8/20/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW-03-082010	NS	8/20/2010	SW8260B	Methylene Chloride	ND	12	25	µg/L		
28OW-04-082010	NS	8/20/2010	SW8260B	Methylene Chloride	ND	12	25	µg/L		
RB-082010	EB	8/20/2010	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB-082010	**TB**	**8/20/2010**	**SW8260B**	**Toluene**	**0.52**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-01-082010	NS	8/20/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-02-082010	NS	8/20/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-03-082010	NS	8/20/2010	SW8260B	Toluene	ND	5	25	µg/L		
28OW-04-082010	NS	8/20/2010	SW8260B	Toluene	ND	5	25	µg/L		
RB-082010	EB	8/20/2010	SW8260B	Toluene	0.56	0.2	1	µg/L	J	Tr

Table I-4
Detected Trip Blank Results and Associated Sample Results, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
TB-082410	**TB**	**8/24/2010**	**SW8260B**	**Carbon Disulfide**	**0.34**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-08-082410	NS	8/24/2010	SW8260B	Carbon Disulfide	1.8	0.2	1	µg/L		
RB-082410	EB	8/24/2010	SW8260B	Carbon Disulfide	ND	0.2	1	µg/L		
W9-29-082410	NS	8/24/2010	SW8260B	Carbon Disulfide	2.2	0.2	1	µg/L		
W9-42-082410	NS	8/24/2010	SW8260B	Carbon Disulfide	5.2	0.2	1	µg/L		
TB-041211	**TB**	**4/12/2011**	**SW8260B**	**Methylene Chloride**	**0.75**	**0.5**	**1**	**µg/L**	**J**	**Tr**
28OW05-041211	NS	4/12/2011	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW13-041211	NS1	4/12/2011	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
MW9902-041211	FD	4/12/2011	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW14-041211	NS	4/12/2011	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW15-041211	NS	4/12/2011	SW8260B	Methylene Chloride	ND	2.5	5	µg/L		
28OW16-041211	NS	4/12/2011	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
28OW17-041211	NS	4/12/2011	SW8260B	Methylene Chloride	ND	2.5	5	µg/L		
28OW18-041211	NS	4/12/2011	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
RB-041211	EB	4/12/2011	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
W9-18-041211	NS	4/12/2011	SW8260B	Methylene Chloride	ND	0.5	1	µg/L		
TB-081211	**TB**	**8/12/2011**	**SW8260B**	**Toluene**	**0.27**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW22-081211	NS	8/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-081211	EB	8/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		

Notes: See Table 2 for definitions of Qualifiers and Reason Codes.

SDG Sample delivery group
MDL Method detection limit
RL Reporting limit
NS Normal sample sent to the lab
NS1 Normal sample associated with a field duplicate sample
FD Field duplicate sample sent to the lab
EB Equipment blank
TB Trip blank
ND ND = not detected
µg/L Micrograms per liter

Table I-5
Detected Equipment Blank Results and Associated Sample Results, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB20100706	**EB**	**7/6/2010**	**SW8260B**	**Acetone**	**7.1**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW-13-20100706	NS	7/6/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-14-20100706	NS	7/6/2010	SW8260B	Acetone	5.5	5	10	µg/L	U	K1
28OW-15-20100706	NS	7/6/2010	SW8260B	Acetone	7.8	5	10	µg/L	U	K1
28OW-16-20100706	NS	7/6/2010	SW8260B	Acetone	13	5	10	µg/L	U	K1
28OW-17-20100706	NS	7/6/2010	SW8260B	Acetone	5.1	5	10	µg/L	U	K1
W9-18-20100706	NS	7/6/2010	SW8260B	Acetone	ND	5	10	µg/L		
RB20100706	**EB**	**7/6/2010**	**SW8260B**	**Chloroform**	**0.3**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-13-20100706	NS	7/6/2010	SW8260B	Chloroform	1.2	0.2	1	µg/L	U	K1
28OW-14-20100706	NS	7/6/2010	SW8260B	Chloroform	2.8	0.2	1	µg/L		
28OW-15-20100706	NS	7/6/2010	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW-16-20100706	NS	7/6/2010	SW8260B	Chloroform	0.42	0.2	1	µg/L	U	K1
28OW-17-20100706	NS	7/6/2010	SW8260B	Chloroform	0.45	0.2	1	µg/L	U	K1
W9-18-20100706	NS	7/6/2010	SW8260B	Chloroform	ND	0.2	1	µg/L		
RB20100707	**EB**	**7/7/2010**	**SW8260B**	**Acetone**	**9.7**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW-18-20100707	NS	7/7/2010	SW8260B	Acetone	6.6	5	10	µg/L	U	K1
28OW-19-20100707	NS	7/7/2010	SW8260B	Acetone	5.1	5	10	µg/L	U	K1
28OW-20-20100707	NS	7/7/2010	SW8260B	Acetone	6.3	5	10	µg/L	U	K1
28OW-21-20100707	NS	7/7/2010	SW8260B	Acetone	6.4	5	10	µg/L	U	K1
RB20100707	**EB**	**7/7/2010**	**SW8260B**	**Chloroform**	**0.26**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-18-20100707	NS	7/7/2010	SW8260B	Chloroform	0.29	0.2	1	µg/L	U	K1
28OW-19-20100707	NS	7/7/2010	SW8260B	Chloroform	0.4	0.2	1	µg/L	U	K1
28OW-20-20100707	NS	7/7/2010	SW8260B	Chloroform	0.55	0.2	1	µg/L	U	K1
28OW-21-20100707	NS	7/7/2010	SW8260B	Chloroform	0.72	0.2	1	µg/L	U	K1
RB20100708	**EB**	**7/8/2010**	**SW8260B**	**Chloroform**	**0.2**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-9-20100708	NS1	7/8/2010	SW8260B	Chloroform	ND	0.2	1	µg/L		
MW9903-20100708	FD	7/8/2010	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW-10-20100708	NS	7/8/2010	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW-11-20100708	NS	7/8/2010	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW-22-20100708	NS1	7/8/2010	SW8260B	Chloroform	0.44	0.2	1	µg/L	U	K1
MW9901-20100708	FD	7/8/2010	SW8260B	Chloroform	0.42	0.2	1	µg/L	U	K1
28OW-23-20100708	NS1	7/8/2010	SW8260B	Chloroform	ND	0.2	1	µg/L		
MW9902-20100708	FD	7/8/2010	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW-24-20100708	NS	7/8/2010	SW8260B	Chloroform	0.41	0.2	1	µg/L	U	K1

Table I-5
Detected Equipment Blank Results and Associated Sample Results, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB20100709	**EB**	**7/9/2010**	**SW8260B**	**Acetone**	**11**	**5**	**10**	**µg/L**		
28OW-1-20100709	NS	7/9/2010	SW8260B	Acetone	5.6	5	10	µg/L	U	K1
28OW-2-20100709	NS	7/9/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-3-20100709	NS	7/9/2010	SW8260B	Acetone	6.2	5	10	µg/L	U	K1
28OW-4-20100709	NS	7/9/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-5-20100709	NS	7/9/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-7-20100709	NS	7/9/2010	SW8260B	Acetone	5.5	5	10	µg/L	U	K1
RB20100712	**EB**	**7/12/2010**	**SW8260B**	**Acetone**	**15**	**5**	**10**	**µg/L**		
28OW-6-20100712	NS	7/12/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-8-20100712	NS	7/12/2010	SW8260B	Acetone	9.7	5	10	µg/L	U	K1
28OW-12-20100712	NS	7/12/2010	SW8260B	Acetone	ND	5	10	µg/L		
W9-29-20100712	NS	7/12/2010	SW8260B	Acetone	ND	5	10	µg/L		
W9-42-20100712	NS	7/12/2010	SW8260B	Acetone	ND	5	10	µg/L		
RB-080310	**EB**	**8/3/2010**	**SW8260B**	**Acetone**	**10**	**5**	**10**	**µg/L**		
28OW-18-080310	NS	8/3/2010	SW8260B	Acetone	ND	5	10	µg/L		
RB-081110	**EB**	**8/11/2010**	**SW8260B**	**1,1-Dichloroethylene**	**0.36**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-19-081110	NS	8/11/2010	SW8260B	1,1-Dichloroethylene	37	0.2	1	µg/L		
28OW-20-081110	NS	8/11/2010	SW8260B	1,1-Dichloroethylene	26	0.2	1	µg/L		
28OW-21-081010	NS1	8/10/2010	SW8260B	1,1-Dichloroethylene	37	0.2	1	µg/L		
MW9901-081010	FD	8/10/2010	SW8260B	1,1-Dichloroethylene	33	0.2	1	µg/L		
28OW-22-081010	NS	8/10/2010	SW8260B	1,1-Dichloroethylene	28	0.2	1	µg/L		
28OW-23-081110	NS	8/11/2010	SW8260B	1,1-Dichloroethylene	36	1	5	µg/L		
28OW-24-081010	NS	8/10/2010	SW8260B	1,1-Dichloroethylene	22	0.2	1	µg/L		
RB-081110	**EB**	**8/11/2010**	**SW8260B**	**Acetone**	**10**	**5**	**10**	**µg/L**		
28OW-19-081110	NS	8/11/2010	SW8260B	Acetone	5.9	5	10	µg/L	U	K1
28OW-20-081110	NS	8/11/2010	SW8260B	Acetone	14	5	10	µg/L		
28OW-21-081010	NS1	8/10/2010	SW8260B	Acetone	7.4	5	10	µg/L	U	K1
MW9901-081010	FD	8/10/2010	SW8260B	Acetone	8.3	5	10	µg/L	U	K1
28OW-22-081010	NS	8/10/2010	SW8260B	Acetone	12	5	10	µg/L		
28OW-23-081110	NS	8/11/2010	SW8260B	Acetone	ND	25	50	µg/L		
28OW-24-081010	NS	8/10/2010	SW8260B	Acetone	9.3	5	10	µg/L	U	K1

Table I-5
Detected Equipment Blank Results and Associated Sample Results, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB-081110	**EB**	**8/11/2010**	**SW8260B**	**Toluene**	**0.48**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-19-081110	NS	8/11/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-20-081110	NS	8/11/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-21-081010	NS1	8/10/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9901-081010	FD	8/10/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-22-081010	NS	8/10/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-23-081110	NS	8/11/2010	SW8260B	Toluene	ND	1	5	µg/L		
28OW-24-081010	NS	8/10/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-081810	**EB**	**8/18/2010**	**SW8260B**	**1,1-Dichloroethylene**	**0.4**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-09-081810	NS1	8/18/2010	SW8260B	1,1-Dichloroethylene	22	0.2	1	µg/L		
MW9902-081810	FD	8/18/2010	SW8260B	1,1-Dichloroethylene	22	0.2	1	µg/L		
28OW-10-081810	NS	8/18/2010	SW8260B	1,1-Dichloroethylene	16	0.2	1	µg/L		
28OW-11-081810	NS	8/18/2010	SW8260B	1,1-Dichloroethylene	17	0.2	1	µg/L		
28OW-12-081810	NS	8/18/2010	SW8260B	1,1-Dichloroethylene	45	1	5	µg/L		
RB-081810	**EB**	**8/18/2010**	**SW8260B**	**Acetone**	**15**	**5**	**10**	**µg/L**		
28OW-09-081810	NS1	8/18/2010	SW8260B	Acetone	ND	5	10	µg/L		
MW9902-081810	FD	8/18/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-10-081810	NS	8/18/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-11-081810	NS	8/18/2010	SW8260B	Acetone	6.7	5	10	µg/L	U	K1
28OW-12-081810	NS	8/18/2010	SW8260B	Acetone	ND	25	50	µg/L		
RB-081810	**EB**	**8/18/2010**	**SW8260B**	**Toluene**	**0.85**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-09-081810	NS1	8/18/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9902-081810	FD	8/18/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-10-081810	NS	8/18/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-11-081810	NS	8/18/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-12-081810	NS	8/18/2010	SW8260B	Toluene	2.7	1	5	µg/L	U	K1K3
RB-081910	**EB**	**8/19/2010**	**SW8260B**	**1,1-Dichloroethylene**	**0.51**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-05-081910	NS	8/19/2010	SW8260B	1,1-Dichloroethylene	31	2	10	µg/L		
28OW-06-081910	NS	8/19/2010	SW8260B	1,1-Dichloroethylene	17	0.2	1	µg/L		
28OW-07-081910	NS	8/19/2010	SW8260B	1,1-Dichloroethylene	8.2	5	25	µg/L	U	K1
RB-081910	**EB**	**8/19/2010**	**SW8260B**	**Acetone**	**14**	**5**	**10**	**µg/L**		
28OW-05-081910	NS	8/19/2010	SW8260B	Acetone	ND	50	100	µg/L		
28OW-06-081910	NS	8/19/2010	SW8260B	Acetone	13	5	10	µg/L	U	K1
28OW-07-081910	NS	8/19/2010	SW8260B	Acetone	ND	120	250	µg/L		

Table I-5
Detected Equipment Blank Results and Associated Sample Results, IR Site 28
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Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB-081910	**EB**	**8/19/2010**	**SW8260B**	**Toluene**	**0.67**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-05-081910	NS	8/19/2010	SW8260B	Toluene	ND	2	10	µg/L		
28OW-06-081910	NS	8/19/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-07-081910	NS	8/19/2010	SW8260B	Toluene	ND	5	25	µg/L		
RB-082010	**EB**	**8/20/2010**	**SW8260B**	**1,1-Dichloroethylene**	**0.31**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-01-082010	NS	8/20/2010	SW8260B	1,1-Dichloroethylene	10	0.2	1	µg/L		
28OW-02-082010	NS	8/20/2010	SW8260B	1,1-Dichloroethylene	19	0.2	1	µg/L		
28OW-03-082010	NS	8/20/2010	SW8260B	1,1-Dichloroethylene	70	5	25	µg/L		
28OW-04-082010	NS	8/20/2010	SW8260B	1,1-Dichloroethylene	110	5	25	µg/L		
RB-082010	**EB**	**8/20/2010**	**SW8260B**	**Acetone**	**14**	**5**	**10**	**µg/L**		
28OW-01-082010	NS	8/20/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-02-082010	NS	8/20/2010	SW8260B	Acetone	6	5	10	µg/L	U	K1
28OW-03-082010	NS	8/20/2010	SW8260B	Acetone	280	120	250	µg/L		
28OW-04-082010	NS	8/20/2010	SW8260B	Acetone	350	120	250	µg/L		
RB-082010	**EB**	**8/20/2010**	**SW8260B**	**Toluene**	**0.56**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-01-082010	NS	8/20/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-02-082010	NS	8/20/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-03-082010	NS	8/20/2010	SW8260B	Toluene	ND	5	25	µg/L		
28OW-04-082010	NS	8/20/2010	SW8260B	Toluene	ND	5	25	µg/L		
RB-082410	**EB**	**8/24/2010**	**SW8260B**	**Acetone**	**7.4**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW-08-082410	NS	8/24/2010	SW8260B	Acetone	ND	5	10	µg/L		
W9-29-082410	NS	8/24/2010	SW8260B	Acetone	5.3	5	10	µg/L	U	K1
W9-42-082410	NS	8/24/2010	SW8260B	Acetone	6	5	10	µg/L	U	K1
RB-082410	**EB**	**8/24/2010**	**SW8260B**	**cis-1,2-Dichloroethylene**	**0.28**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-08-082410	NS	8/24/2010	SW8260B	cis-1,2-Dichloroethylene	3400	10	50	µg/L		
W9-29-082410	NS	8/24/2010	SW8260B	cis-1,2-Dichloroethylene	1100	10	50	µg/L		
W9-42-082410	NS	8/24/2010	SW8260B	cis-1,2-Dichloroethylene	66	0.2	1	µg/L		
RB-082410	**EB**	**8/24/2010**	**SW8260B**	**Toluene**	**0.74**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-08-082410	NS	8/24/2010	SW8260B	Toluene	0.3	0.2	1	µg/L	U	K1
W9-29-082410	NS	8/24/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-42-082410	NS	8/24/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-082510	**EB**	**8/25/2010**	**SW8260B**	**Acetone**	**24**	**5**	**10**	**µg/L**		
28OW-14-082510	NS	8/25/2010	SW8260B	Acetone	5.6	5	10	µg/L	J	Tr
28OW-17-082510	NS1	8/25/2010	SW8260B	Acetone	ND	5	10	µg/L		
MW9903-082510	FD	8/25/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-18-082510	NS	8/25/2010	SW8260B	Acetone	5.9	5	10	µg/L	J	Tr

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Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB-082510	**EB**	**8/25/2010**	**SW8260B**	**Benzene**	**0.29**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-14-082510	NS	8/25/2010	SW8260B	Benzene	0.93	0.2	1	µg/L	U	K1
28OW-17-082510	NS1	8/25/2010	SW8260B	Benzene	ND	0.2	1	µg/L		
MW9903-082510	FD	8/25/2010	SW8260B	Benzene	0.21	0.2	1	µg/L	U	K1
28OW-18-082510	NS	8/25/2010	SW8260B	Benzene	ND	0.2	1	µg/L		
RB-082510	**EB**	**8/25/2010**	**SW8260B**	**Toluene**	**1**	**0.2**	**1**	**µg/L**		
28OW-14-082510	NS	8/25/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-17-082510	NS1	8/25/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9903-082510	FD	8/25/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-18-082510	NS	8/25/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-082510	**EB**	**8/25/2010**	**SW8260B**	**Xylenes, total**	**0.57**	**0.5**	**2**	**µg/L**	**J**	**Tr**
28OW-14-082510	NS	8/25/2010	SW8260B	Xylenes, total	ND	0.5	2	µg/L		
28OW-17-082510	NS1	8/25/2010	SW8260B	Xylenes, total	ND	0.5	2	µg/L		
MW9903-082510	FD	8/25/2010	SW8260B	Xylenes, total	ND	0.5	2	µg/L		
28OW-18-082510	NS	8/25/2010	SW8260B	Xylenes, total	ND	0.5	2	µg/L		
RB-082610	**EB**	**8/26/2010**	**SW8260B**	**Acetone**	**22**	**5**	**10**	**µg/L**		
28OW-13-082610	NS	8/26/2010	SW8260B	Acetone	6.4	5	10	µg/L	J	Tr
28OW-15-082610	NS	8/26/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW-16-082610	NS	8/26/2010	SW8260B	Acetone	ND	5	10	µg/L		
W9-18-082610	NS	8/26/2010	SW8260B	Acetone	38	5	10	µg/L		
RB-082610	**EB**	**8/26/2010**	**SW8260B**	**Benzene**	**0.22**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-13-082610	NS	8/26/2010	SW8260B	Benzene	ND	0.2	1	µg/L		
28OW-15-082610	NS	8/26/2010	SW8260B	Benzene	ND	0.2	1	µg/L		
28OW-16-082610	NS	8/26/2010	SW8260B	Benzene	ND	0.2	1	µg/L		
W9-18-082610	NS	8/26/2010	SW8260B	Benzene	ND	0.2	1	µg/L		
RB-082610	**EB**	**8/26/2010**	**SW8260B**	**Toluene**	**0.83**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-13-082610	NS	8/26/2010	SW8260B	Toluene	0.24	0.2	1	µg/L	U	K1
28OW-15-082610	NS	8/26/2010	SW8260B	Toluene	0.34	0.2	1	µg/L	U	K1
28OW-16-082610	NS	8/26/2010	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-18-082610	NS	8/26/2010	SW8260B	Toluene	0.24	0.2	1	µg/L	U	K1
RB-082610	**EB**	**8/26/2010**	**SW8260B**	**Xylenes, total**	**0.59**	**0.5**	**2**	**µg/L**	**J**	**Tr**
28OW-13-082610	NS	8/26/2010	SW8260B	Xylenes, total	ND	0.5	2	µg/L		
28OW-15-082610	NS	8/26/2010	SW8260B	Xylenes, total	ND	0.5	2	µg/L		
28OW-16-082610	NS	8/26/2010	SW8260B	Xylenes, total	ND	0.5	2	µg/L		
W9-18-082610	NS	8/26/2010	SW8260B	Xylenes, total	ND	0.5	2	µg/L		

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Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB-110810	**EB**	**11/8/2010**	**SW8260B**	**Acetone**	**5.1**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW06-110810	NS	11/8/2010	SW8260B	Acetone	8.2	5	10	µg/L	U	K1
28OW09-110810	NS1	11/8/2010	SW8260B	Acetone	ND	5	10	µg/L		
MW9901-110810	FD	11/8/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW10-110810	NS	11/8/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW11-110810	NS	11/8/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW12-110810	NS	11/8/2010	SW8260B	Acetone	91	5	10	µg/L		
RB-111010	**EB**	**11/10/2010**	**SW8260B**	**Acetone**	**5.8**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW01-111010	NS	11/10/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW02-111010	NS	11/10/2010	SW8260B	Acetone	7.2	5	10	µg/L	U	K1
28OW03-111010	NS	11/10/2010	SW8260B	Acetone	7.5	5	10	µg/L	U	K1
28OW04-111010	NS	11/10/2010	SW8260B	Acetone	7.6	5	10	µg/L	U	K1
28OW05-111010	NS	11/10/2010	SW8260B	Acetone	240	5	10	µg/L		
28OW07-111010	NS	11/10/2010	SW8260B	Acetone	220	5	10	µg/L		
28OW08-111010	NS	11/10/2010	SW8260B	Acetone	7	5	10	µg/L	U	K1
W9-29-111010	NS	11/10/2010	SW8260B	Acetone	5.1	5	10	µg/L	U	K1
W9-42-111010	NS	11/10/2010	SW8260B	Acetone	ND	5	10	µg/L		
RB-111110	**EB**	**11/11/2010**	**SW8260B**	**Acetone**	**7.4**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW19-111110	NS1	11/11/2010	SW8260B	Acetone	ND	5	10	µg/L		
MW9903-111110	FD	11/11/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW20-111110	NS	11/11/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW21-111110	NS	11/11/2010	SW8260B	Acetone	5.1	5	10	µg/L	U	K1
28OW22-111110	NS	11/11/2010	SW8260B	Acetone	6.6	5	10	µg/L	U	K1
28OW23-111110	NS	11/11/2010	SW8260B	Acetone	ND	5	10	µg/L		
28OW24-111110	NS	11/11/2010	SW8260B	Acetone	ND	5	10	µg/L		
RB-012411	**EB**	**1/24/2011**	**SW8260B**	**Toluene**	**0.43**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-09-012411	NS1	1/24/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9901-012411	FD	1/24/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-10-012411	NS	1/24/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-11-012411	NS	1/24/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-14-012411	NS	1/24/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-21-012411	NS	1/24/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-22-012411	NS	1/24/2011	SW8260B	Toluene	ND	0.2	1	µg/L		

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Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB-012511	**EB**	**1/25/2011**	**SW8260B**	**Toluene**	**0.37**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-13-012511	NS1	1/25/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9902-012511	FD	1/25/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-15-012511	NS	1/25/2011	SW8260B	Toluene	ND	1	5	µg/L		
28OW-16-012511	NS	1/25/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-17-012511	NS	1/25/2011	SW8260B	Toluene	ND	1	5	µg/L		
28OW-18-012511	NS	1/25/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-23-012511	NS	1/25/2011	SW8260B	Toluene	ND	1	5	µg/L		
28OW-24-012511	NS	1/25/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-18-012511	NS	1/25/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-012611	**EB**	**1/26/2011**	**SW8260B**	**Toluene**	**0.48**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-01-012611	NS	1/26/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-02-012611	NS	1/26/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-03-012611	NS	1/26/2011	SW8260B	Toluene	4.9	1	5	µg/L	J	Tr
28OW-04-012611	NS	1/26/2011	SW8260B	Toluene	7.1	1	5	µg/L		
28OW-08-012611	NS	1/26/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-12-012611	NS	1/26/2011	SW8260B	Toluene	1.8	0.2	1	µg/L		
W9-29-012611	NS	1/26/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-42-012611	NS	1/26/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-012711	**EB**	**1/27/2011**	**SW8260B**	**Toluene**	**0.39**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW-05-012711	NS	1/27/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-06-012711	NS	1/27/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-07-012711	NS	1/27/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-19-012711	NS1	1/27/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9903-012711	FD	1/27/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW-20-012711	NS	1/27/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-041111	**EB**	**4/11/2011**	**SW8260B**	**Chloroform**	**1.6**	**0.2**	**1**	**µg/L**		
28OW09-041111	NS1	4/11/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
MW9901-041111	FD	4/11/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW10-041111	NS	4/11/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW11-041111	NS	4/11/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW21-041111	NS	4/11/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW22-041111	NS	4/11/2011	SW8260B	Chloroform	0.34	0.2	1	µg/L	U	K1
28OW23-041111	NS	4/11/2011	SW8260B	Chloroform	ND	2	10	µg/L		
28OW24-041111	NS	4/11/2011	SW8260B	Chloroform	0.37	0.2	1	µg/L	U	K1
W9-29-041111	NS	4/11/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
W9-42-041111	NS	4/11/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		

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Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB-041111	**EB**	**4/11/2011**	**SW8260B**	**Toluene**	**0.25**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW09-041111	NS1	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9901-041111	FD	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW10-041111	NS	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW11-041111	NS	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW21-041111	NS	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW22-041111	NS	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW23-041111	NS	4/11/2011	SW8260B	Toluene	ND	2	10	µg/L		
28OW24-041111	NS	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-29-041111	NS	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-42-041111	NS	4/11/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-041211	**EB**	**4/12/2011**	**SW8260B**	**Chloroform**	**1.7**	**0.2**	**1**	**µg/L**		
28OW05-041211	NS	4/12/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW13-041211	NS1	4/12/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
MW9902-041211	FD	4/12/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW14-041211	NS	4/12/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW15-041211	NS	4/12/2011	SW8260B	Chloroform	ND	1	5	µg/L		
28OW16-041211	NS	4/12/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW17-041211	NS	4/12/2011	SW8260B	Chloroform	ND	1	5	µg/L		
28OW18-041211	NS	4/12/2011	SW8260B	Chloroform	0.24	0.2	1	µg/L	U	K1
RB-041211	**EB**	**4/12/2011**	**SW8260B**	**Toluene**	**0.47**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW05-041211	NS	4/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW13-041211	NS1	4/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9902-041211	FD	4/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW14-041211	NS	4/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW15-041211	NS	4/12/2011	SW8260B	Toluene	ND	1	5	µg/L		
28OW16-041211	NS	4/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW17-041211	NS	4/12/2011	SW8260B	Toluene	ND	1	5	µg/L		
28OW18-041211	NS	4/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		

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RB-041311	**EB**	**4/13/2011**	**SW8260B**	**Acetone**	**6.6**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW01-041311	NS	4/13/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW02-041311	NS	4/13/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW03-041311	NS	4/13/2011	SW8260B	Acetone	ND	120	250	µg/L		
28OW04-041311	NS	4/13/2011	SW8260B	Acetone	ND	50	100	µg/L		
28OW06-041311	NS	4/13/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW07-041311	NS	4/13/2011	SW8260B	Acetone	180	5	10	µg/L		
28OW08-041311	NS	4/13/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW12-041311	NS	4/13/2011	SW8260B	Acetone	78	5	10	µg/L		
28OW19-041311	NS1	4/13/2011	SW8260B	Acetone	ND	5	10	µg/L		
MW9903-041311	FD	4/13/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW20-041311	NS	4/13/2011	SW8260B	Acetone	ND	5	10	µg/L		
W9-18-041211	NS	4/12/2011	SW8260B	Acetone	72	5	10	µg/L		
RB-041311	**EB**	**4/13/2011**	**SW8260B**	**Chloroform**	**1.4**	**0.2**	**1**	**µg/L**		
28OW01-041311	NS	4/13/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW02-041311	NS	4/13/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW03-041311	NS	4/13/2011	SW8260B	Chloroform	ND	5	25	µg/L		
28OW04-041311	NS	4/13/2011	SW8260B	Chloroform	ND	2	10	µg/L		
28OW06-041311	NS	4/13/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW07-041311	NS	4/13/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW08-041311	NS	4/13/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW12-041311	NS	4/13/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		
28OW19-041311	NS1	4/13/2011	SW8260B	Chloroform	0.35	0.2	1	µg/L	U	K1
MW9903-041311	FD	4/13/2011	SW8260B	Chloroform	0.29	0.2	1	µg/L	U	K1
28OW20-041311	NS	4/13/2011	SW8260B	Chloroform	0.23	0.2	1	µg/L	U	K1
W9-18-041211	NS	4/12/2011	SW8260B	Chloroform	ND	0.2	1	µg/L		

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RB-041311	**EB**	**4/13/2011**	**SW8260B**	**Toluene**	**0.42**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW01-041311	NS	4/13/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW02-041311	NS	4/13/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW03-041311	NS	4/13/2011	SW8260B	Toluene	5.7	5	25	µg/L	J	Tr
28OW04-041311	NS	4/13/2011	SW8260B	Toluene	6.3	2	10	µg/L	J	Tr
28OW06-041311	NS	4/13/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW07-041311	NS	4/13/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW08-041311	NS	4/13/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW12-041311	NS	4/13/2011	SW8260B	Toluene	1.3	0.2	1	µg/L	U	K1
28OW19-041311	NS1	4/13/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
MW9903-041311	FD	4/13/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
28OW20-041311	NS	4/13/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
W9-18-041211	NS	4/12/2011	SW8260B	Toluene	ND	0.2	1	µg/L		
RB-062011	**EB**	**6/20/2011**	**SW8260B**	**Acetone**	**6.9**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW09-062011	NS1	6/20/2011	SW8260B	Acetone	ND	5	10	µg/L		
MW9903-062011	FD	6/20/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW10-062011	NS	6/20/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW11-062011	NS	6/20/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW21-062011	NS	6/20/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW23-062011	NS	6/20/2011	SW8260B	Acetone	ND	50	100	µg/L		
28OW24-062011	NS	6/20/2011	SW8260B	Acetone	ND	5	10	µg/L		
W9-29-062011	NS	6/20/2011	SW8260B	Acetone	ND	5	10	µg/L		
W9-42-062011	NS	6/20/2011	SW8260B	Acetone	ND	5	10	µg/L		
RB-062011	**EB**	**6/20/2011**	**SW8260B**	**Carbon Disulfide**	**0.5**	**0.2**	**1**	**µg/L**	**J**	**Tr**
28OW09-062011	NS1	6/20/2011	SW8260B	Carbon Disulfide	ND	0.2	1	µg/L		
MW9903-062011	FD	6/20/2011	SW8260B	Carbon Disulfide	ND	0.2	1	µg/L		
28OW10-062011	NS	6/20/2011	SW8260B	Carbon Disulfide	ND	0.2	1	µg/L		
28OW11-062011	NS	6/20/2011	SW8260B	Carbon Disulfide	ND	0.2	1	µg/L		
28OW21-062011	NS	6/20/2011	SW8260B	Carbon Disulfide	1.7	0.2	1	µg/L		
28OW23-062011	NS	6/20/2011	SW8260B	Carbon Disulfide	2.6	2	10	µg/L	J	Tr
28OW24-062011	NS	6/20/2011	SW8260B	Carbon Disulfide	ND	0.2	1	µg/L		
W9-29-062011	NS	6/20/2011	SW8260B	Carbon Disulfide	ND	0.2	1	µg/L		
W9-42-062011	NS	6/20/2011	SW8260B	Carbon Disulfide	1	0.2	1	µg/L		

Table I-5
Detected Equipment Blank Results and Associated Sample Results, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Field Sample ID	Sample Type	Sample Date	Method	Analyte	Result	MDL	RL	Units	Qualifier	Reason Code
RB-062111	**EB**	**6/21/2011**	**SW8260B**	**Acetone**	**9.2**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW01-062111	NS	6/21/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW02-062111	NS	6/21/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW13-062111	NS1	6/21/2011	SW8260B	Acetone	7	5	10	µg/L	U	K1
MW9902-062111	FD	6/21/2011	SW8260B	Acetone	5.9	5	10	µg/L	U	K1
28OW14-062111	NS	6/21/2011	SW8260B	Acetone	210	5	10	µg/L		
28OW15-062111	NS	6/21/2011	SW8260B	Acetone	ND	25	50	µg/L		
28OW16-062111	NS	6/21/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW17-062111	NS	6/21/2011	SW8260B	Acetone	ND	25	50	µg/L		
28OW18-062111	NS	6/21/2011	SW8260B	Acetone	ND	5	10	µg/L		
W9-18-062111	NS	6/21/2011	SW8260B	Acetone	40	5	10	µg/L		
RB-062211	**EB**	**6/22/2011**	**SW8260B**	**Acetone**	**8.2**	**5**	**10**	**µg/L**	**J**	**Tr**
28OW03-062211	NS	6/22/2011	SW8260B	Acetone	ND	25	50	µg/L		
28OW04-062211	NS	6/22/2011	SW8260B	Acetone	ND	25	50	µg/L		
28OW05-062211	NS	6/22/2011	SW8260B	Acetone	17	5	10	µg/L		
28OW06-062211	NS	6/22/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW07-062211	NS	6/22/2011	SW8260B	Acetone	13	5	10	µg/L		
28OW08-062211	NS	6/22/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW12-062211	NS	6/22/2011	SW8260B	Acetone	70	5	10	µg/L		
28OW19-062211	NS1	6/22/2011	SW8260B	Acetone	ND	5	10	µg/L		
MW9901-062211	FD	6/22/2011	SW8260B	Acetone	ND	5	10	µg/L		
28OW20-062211	NS	6/22/2011	SW8260B	Acetone	ND	5	10	µg/L		

Notes: See Table 2 for definitions of Qualifiers and Reason Codes.

SDG Sample delivery group
MDL Method detection limit
RL Reporting limit
NS Normal sample sent to the lab
NS1 Normal sample sent to the lab that is associated with a field duplicate sample
FD Field duplicate sample sent to the lab
EB Equipment blank
ND ND = not detected
µg/L Micrograms per liter

Table I-6
Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	1,1,1,2-Tetrachloroethane	7/8/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		25	1	25	1	µg/L	0	Yes
	1,1-Dichloroethylene		28	1	27	1	µg/L	3.6	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		1700	500	1700	500	µg/L	0	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--

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Field Duplicate Summary, IR Site 28
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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	Methyl isobutyl ketone	7/8/2010	ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		0.38	1	0.49	1	µg/L	NC	--
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		4.8	1	6.6	1	µg/L	31.6	Yes
	Trichloroetylene		21	1	23	1	µg/L	9.1	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		1.6	0.5	1.6	0.5	µg/L	0	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-22									
SW8260B	1,1,1,2-Tetrachloroethane	7/8/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		0.95	1	0.89	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		0.33	1	0.31	1	µg/L	NC	--
	1,1-Dichloroethane		9.1	1	8.7	1	µg/L	4.5	Yes
	1,1-Dichloroethylene		28	1	27	1	µg/L	3.6	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		7	10	9.9	10	µg/L	NC	--

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Field Duplicate Summary, IR Site 28
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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-22									
SW8260B	Benzene	7/8/2010	ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		120	100	120	100	µg/L	0	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		13	1	12	1	µg/L	8	Yes
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		3	1	2.5	1	µg/L	18.2	Yes
	Trichloroetylene		3600	100	3500	100	µg/L	2.8	Yes
	Trichlorofluoromethane		0.36	1	0.34	1	µg/L	NC	--
	Vinyl Chloride		0.88	0.5	0.89	0.5	µg/L	1.1	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-23									
SW8260B	1,1,1,2-Tetrachloroethane	7/8/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--

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Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-23									
SW8260B	1,1-Dichloroethane	7/8/2010	14	1	14	1	µg/L	0	Yes
	1,1-Dichloroethylene		39	1	38	1	µg/L	2.6	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		0.24	1	0.23	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		0.36	1	0.37	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		6	10	5.6	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		0.21	1	0.23	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		0.88	1	0.87	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		0.28	1	0.21	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		5200	500	5000	500	µg/L	3.9	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		0.21	1	0.2	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--

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Field Duplicate Summary, IR Site 28
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Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-23									
SW8260B	N-butylbenzene	7/8/2010	ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		19000	500	19000	500	µg/L	0	Yes
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		37	1	38	1	µg/L	2.7	Yes
	Trichloroetylene		3000	500	2900	500	µg/L	3.4	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		2.2	0.5	2.2	0.5	µg/L	0	Yes
	Xylenes, total		0.93	2	0.9	2	µg/L	NC	--
28OW-21									
SW8260B	1,1,1,2-Tetrachloroethane	8/10/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		0.53	1	0.49	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		0.35	1	0.37	1	µg/L	NC	--
	1,1-Dichloroethane		13	1	14	1	µg/L	7.4	Yes
	1,1-Dichloroethylene		37	1	33	1	µg/L	11.4	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		0.23	1	0.24	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--

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Field Duplicate Summary, IR Site 28
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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-21									
SW8260B	Bromomethane	8/10/2010	ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		0.94	1	0.99	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		0.54	1	0.51	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		3800	50	3800	50	µg/L	0	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		13	10	12	10	µg/L	8	Yes
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		65	1	46	1	µg/L	34.2	Yes
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		7.2	1	8.1	1	µg/L	11.8	Yes
	Trichloroetylene		490	50	310	50	µg/L	45	No
	Trichlorofluoromethane		0.29	1	0.26	1	µg/L	NC	--
	Vinyl Chloride		4.3	0.5	4.3	0.5	µg/L	0	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-09									
SW8260B	1,1,1,2-Tetrachloroethane	8/18/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		22	1	21	1	µg/L	4.7	Yes
	1,1-Dichloroethylene		22	1	22	1	µg/L	0	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	1,2,4-Trimethylbenzene	8/18/2010	ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		1800	50	1700	50	µg/L	5.7	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	tert-butylbenzene	8/18/2010	ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		ND	1	ND	1	µg/L	NC	--
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		3.1	1	5.5	1	µg/L	55.8	No
	Trichloroetylene		9.5	1	8.5	1	µg/L	11.1	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		3.5	0.5	3.2	0.5	µg/L	9	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-17									
SW8260B	1,1,1,2-Tetrachloroethane	8/25/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		34	1	34	1	µg/L	0	Yes
	1,1-Dichloroethylene		59	1	61	1	µg/L	3.3	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		0.22	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-17									
SW8260B	Chloroethane	8/25/2010	0.22	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		7000	250	7000	250	µg/L	0	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		0.88	1	0.89	1	µg/L	NC	--
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		28	1	27	1	µg/L	3.6	Yes
	Trichloroetylene		54	1	55	1	µg/L	1.8	Yes
	Trichlorofluoromethane		0.2	1	0.21	1	µg/L	NC	--
	Vinyl Chloride		3.1	0.5	3.3	0.5	µg/L	6.2	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-09									
SW8260B	1,1,1,2-Tetrachloroethane	11/8/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		21	1	21	1	µg/L	0	Yes
	1,1-Dichloroethylene		20	1	18	1	µg/L	10.5	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	1,2-Dichloroethane	11/8/2010	ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		1400	100	1300	100	µg/L	7.4	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		ND	1	ND	1	µg/L	NC	--
	Toluene		0.24	1	0.28	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		3.9	1	4.1	1	µg/L	5	Yes

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	Trichloroetylene	11/8/2010	6.1	1	5.8	1	µg/L	5	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		21	0.5	22	0.5	µg/L	4.7	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-16									
SW8260B	1,1,1,2-Tetrachloroethane	11/9/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		8.7	1	9.1	1	µg/L	4.5	Yes
	1,1-Dichloroethylene		22	1	23	1	µg/L	4.4	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		0.22	1	0.21	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		0.38	1	0.27	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		2900	100	2900	100	µg/L	0	Yes

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-16									
SW8260B	Dibromochloromethane	11/9/2010	ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		28	10	28	10	µg/L	0	Yes
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		2.6	1	2.4	1	µg/L	8	Yes
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		8.8	1	9	1	µg/L	2.2	Yes
	Trichloroetylene		66	1	62	1	µg/L	6.3	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		4.2	0.5	4.2	0.5	µg/L	0	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-19									
SW8260B	1,1,1,2-Tetrachloroethane	11/11/2010	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		0.71	1	0.74	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		0.36	1	0.37	1	µg/L	NC	--
	1,1-Dichloroethane		12	1	12	1	µg/L	0	Yes
	1,1-Dichloroethylene		32	1	34	1	µg/L	6.1	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-19									
SW8260B	1,3-Dichloropropane	11/11/2010	ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		0.43	1	0.45	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		350	100	340	100	µg/L	2.9	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		220	100	210	100	µg/L	4.7	Yes
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		2.7	1	2.4	1	µg/L	11.8	Yes
	Trichloroetylene		3500	100	3400	100	µg/L	2.9	Yes
	Trichlorofluoromethane		0.39	1	0.43	1	µg/L	NC	--
	Vinyl Chloride		0.7	0.5	0.71	0.5	µg/L	1.4	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--

Table I-6
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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	1,1,1,2-Tetrachloroethane	1/24/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		19	1	20	1	µg/L	5.1	Yes
	1,1-Dichloroethylene		21	1	22	1	µg/L	4.7	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		1400	50	960	50	µg/L	37.3	No
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	Methyl isobutyl ketone	1/24/2011	ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		ND	1	ND	1	µg/L	NC	--
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		6.9	1	14	1	µg/L	67.9	No
	Trichloroetylene		7.3	1	6.8	1	µg/L	7.1	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		17	0.5	17	0.5	µg/L	0	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-13									
SW8260B	1,1,1,2-Tetrachloroethane	1/25/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		4.7	1	4.4	1	µg/L	6.6	Yes
	1,1-Dichloroethylene		1.1	1	1	1	µg/L	9.5	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		180	10	180	10	µg/L	0	Yes

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-13									
SW8260B	Benzene	1/25/2011	ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		3.3	1	3.1	1	µg/L	6.2	Yes
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		580	25	550	50	µg/L	5.3	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		510	250	570	500	µg/L	11.1	Yes
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		0.46	1	0.41	1	µg/L	NC	--
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		7.8	1	7.3	1	µg/L	6.6	Yes
	Trichloroetylene		8.2	1	7.5	1	µg/L	8.9	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		600	12	470	25	µg/L	24.3	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-19									
SW8260B	1,1,1,2-Tetrachloroethane	1/27/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		0.63	1	0.64	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		0.26	1	0.23	1	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-19									
SW8260B	1,1-Dichloroethane	1/27/2011	9	1	9.1	1	µg/L	1.1	Yes
	1,1-Dichloroethylene		29	1	30	1	µg/L	3.4	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		15	10	14	10	µg/L	6.9	Yes
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		0.33	1	0.33	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		270	50	250	50	µg/L	7.7	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-19									
SW8260B	N-butylbenzene	1/27/2011	ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		210	50	200	50	µg/L	4.9	Yes
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		1.7	1	1.9	1	µg/L	11.1	Yes
	Trichloroetylene		3800	50	3700	50	µg/L	2.7	Yes
	Trichlorofluoromethane		0.36	1	0.37	1	µg/L	NC	--
	Vinyl Chloride		1.8	0.5	1.9	0.5	µg/L	5.4	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-09									
SW8260B	1,1,1,2-Tetrachloroethane	4/11/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		18	1	20	1	µg/L	10.5	Yes
	1,1-Dichloroethylene		19	1	19	1	µg/L	0	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	Bromomethane	4/11/2011	ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		1200	50	1200	50	µg/L	0	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		ND	1	ND	1	µg/L	NC	--
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		40	1	70	1	µg/L	54.5	No
	Trichloroetylene		5.1	1	5.4	1	µg/L	5.7	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		17	0.5	16	0.5	µg/L	6.1	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-13									
SW8260B	1,1,1,2-Tetrachloroethane	4/12/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		0.65	1	0.71	1	µg/L	NC	--
	1,1-Dichloroethylene		ND	1	ND	1	µg/L	NC	--
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--

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Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-13									
SW8260B	1,2,4-Trimethylbenzene	4/12/2011	ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		120	10	130	10	µg/L	8	Yes
	Benzene		0.45	1	0.45	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		7.5	1	7.5	1	µg/L	0	Yes
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		3.8	1	3.9	1	µg/L	2.6	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		780	50	790	50	µg/L	1.3	Yes
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--

Table I-6
Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-13									
SW8260B	tert-butylbenzene	4/12/2011	ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		ND	1	ND	1	µg/L	NC	--
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		8	1	7.9	1	µg/L	1.3	Yes
	Trichloroetylene		0.69	1	0.66	1	µg/L	NC	--
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		4.9	0.5	4.8	0.5	µg/L	2.1	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-19									
SW8260B	1,1,1,2-Tetrachloroethane	4/13/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		0.65	1	0.56	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		0.22	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		9.4	1	8.1	1	µg/L	14.9	Yes
	1,1-Dichloroethylene		29	1	26	1	µg/L	10.9	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		0.24	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--

Table I-6
Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-19									
SW8260B	Chloroethane	4/13/2011	ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		280	100	260	100	µg/L	7.4	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		150	100	130	100	µg/L	14.3	Yes
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		1.3	1	1.3	1	µg/L	0	Yes
	Trichloroetylene		3100	100	2800	100	µg/L	10.2	Yes
	Trichlorofluoromethane		0.55	1	0.49	1	µg/L	NC	--
	Vinyl Chloride		10	0.5	9.4	0.5	µg/L	6.2	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-09									
SW8260B	1,1,1,2-Tetrachloroethane	6/20/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		19	1	18	1	µg/L	5.4	Yes
	1,1-Dichloroethylene		19	1	18	1	µg/L	5.4	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--

Table I-6
Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	1,2-Dichloroethane	6/20/2011	ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		1200	50	1200	50	µg/L	0	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		0.43	1	0.43	1	µg/L	NC	--
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		6.7	1	5.9	1	µg/L	12.7	Yes

Table I-6
Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-09									
SW8260B	Trichloroetylene	6/20/2011	4.6	1	4.2	1	µg/L	9.1	Yes
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		24	0.5	23	0.5	µg/L	4.3	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-13									
SW8260B	1,1,1,2-Tetrachloroethane	6/21/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		ND	1	ND	1	µg/L	NC	--
	1,1-Dichloroethane		2.1	1	1.6	1	µg/L	27	Yes
	1,1-Dichloroethylene		ND	1	ND	1	µg/L	NC	--
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		0.25	1	0.24	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		0.33	1	0.29	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		4.3	1	4.2	1	µg/L	2.4	Yes
	Chloroform		ND	1	ND	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		110	25	90	1	µg/L	20	Yes

Table I-6
Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-13									
SW8260B	Dibromochloromethane	6/21/2011	ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		ND	1	ND	1	µg/L	NC	--
	Toluene		0.32	1	0.32	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		7.6	1	6.5	1	µg/L	15.6	Yes
	Trichloroetylene		1.3	1	0.86	1	µg/L	NC	--
	Trichlorofluoromethane		ND	1	ND	1	µg/L	NC	--
	Vinyl Chloride		330	12	250	12	µg/L	27.6	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--
28OW-19									
SW8260B	1,1,1,2-Tetrachloroethane	6/22/2011	ND	1	ND	1	µg/L	NC	--
	1,1,1-Trichloroethane		ND	1	0.54	1	µg/L	NC	--
	1,1,2,2-Tetrachloroethane		ND	1	ND	1	µg/L	NC	--
	1,1,2-Trichloroethane		0.3	1	0.42	1	µg/L	NC	--
	1,1-Dichloroethane		8.5	1	8.6	1	µg/L	1.2	Yes
	1,1-Dichloroethylene		24	1	25	1	µg/L	4.1	Yes
	1,2,3-Trichloropropane		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2,4-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dibromo-3-chloropropane		ND	2	ND	2	µg/L	NC	--
	1,2-Dibromoethane		ND	1	ND	1	µg/L	NC	--
	1,2-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	1,2-Dichloroethane		ND	0.5	ND	0.5	µg/L	NC	--
	1,2-Dichloropropane		ND	1	ND	1	µg/L	NC	--
	1,3,5-Trimethylbenzene		ND	1	ND	1	µg/L	NC	--
	1,3-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--

Table I-6
Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Well ID	Analyte	Sample Date	Primary Result	Primary RL	Duplicate Result	Duplicate RL	Units	RPD %	RPD Goal of 30%
28OW-19									
SW8260B	1,3-Dichloropropane	6/22/2011	ND	1	ND	1	µg/L	NC	--
	1,4-Dichlorobenzene		ND	1	ND	1	µg/L	NC	--
	2-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	4-Chlorotoluene		ND	1	ND	1	µg/L	NC	--
	Acetone		ND	10	ND	10	µg/L	NC	--
	Benzene		ND	1	ND	1	µg/L	NC	--
	Bromobenzene		ND	1	ND	1	µg/L	NC	--
	Bromodichloromethane		ND	1	ND	1	µg/L	NC	--
	Bromoform		ND	1	ND	1	µg/L	NC	--
	Bromomethane		ND	1	ND	1	µg/L	NC	--
	Carbon Disulfide		ND	1	ND	1	µg/L	NC	--
	Carbon Tetrachloride		ND	0.5	ND	0.5	µg/L	NC	--
	Chlorobenzene		ND	1	ND	1	µg/L	NC	--
	Chloroethane		ND	1	ND	1	µg/L	NC	--
	Chloroform		0.32	1	0.33	1	µg/L	NC	--
	Chloromethane		ND	1	ND	1	µg/L	NC	--
	cis-1,2-Dichloroethylene		450	50	480	50	µg/L	6.5	Yes
	Dibromochloromethane		ND	1	ND	1	µg/L	NC	--
	Ethylbenzene		ND	1	ND	1	µg/L	NC	--
	Hexachlorobutadiene		ND	1	ND	1	µg/L	NC	--
	Isopropylbenzene		ND	1	ND	1	µg/L	NC	--
	Methyl ethyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl isobutyl ketone		ND	10	ND	10	µg/L	NC	--
	Methyl tert-butyl ether		ND	1	ND	1	µg/L	NC	--
	Methylene Chloride		ND	1	ND	1	µg/L	NC	--
	Naphthalene		ND	2	ND	2	µg/L	NC	--
	N-butylbenzene		ND	1	ND	1	µg/L	NC	--
	N-propylbenzene		ND	1	ND	1	µg/L	NC	--
	sec-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Styrene		ND	1	ND	1	µg/L	NC	--
	tert-butylbenzene		ND	1	ND	1	µg/L	NC	--
	Tetrachloroethylene		150	50	150	50	µg/L	0	Yes
	Toluene		ND	1	ND	1	µg/L	NC	--
	trans-1,2-Dichloroethylene		2.4	1	2.9	1	µg/L	18.9	Yes
	Trichloroetylene		2900	50	3000	50	µg/L	3.4	Yes
	Trichlorofluoromethane		0.31	1	0.31	1	µg/L	NC	--
	Vinyl Chloride		27	0.5	27	0.5	µg/L	0	Yes
	Xylenes, total		ND	2	ND	2	µg/L	NC	--

Table I-6
Field Duplicate Summary, IR Site 28
July 2010 through August 2011
Former Naval Air Station Moffett Field, Moffett Field, CA

Notes:

Primary = primary field sample sent to the lab
Duplicate = duplicate field sample sent to the lab
RL = reporting limit
RPD = relative percent difference
ND = not detected
µg/L = micrograms per liter

RPD formula = 100 x |Primary Result - Duplicate Result| / ((Primary Result + Duplicate Result) / 2)
NC = Not Calculated. RPD is only calculated when the analyte is detected at or above the RL in both the normal sample and the duplicate sample.
-- = Not applicable since RPD not calculated.

Appendix J
Waste Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA017003238
2. Page 1 of: 1
3. Emergency Response Phone: 925-383-6502
4. Manifest Tracking Number: 000090397GBF

5. Generator's Name and Mailing Address: US Navy - ERAC - PMC Westpac Ecol Lab, Concord CA 94520
Generator's Site Address (if different than mailing address): Moffett Field Naval Air Station, Moffett Fed CA 94035
Generator's Phone: 415-743-1712

6. Transporter 1 Company Name: U.S. EPA ID Number:

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Chemical Waste Management - Kettleman Hills Facility, 35251 Old Skyline Road, Kettleman City, CA 93239
U.S. EPA ID Number: CAT000646117
Facility's Phone: (559) 386-6107

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. Hazardous Waste, Liquid, Corrosive, NA 3077, PG III, ERG # 171	01	CM	015	Y	F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Site ID 08.CW09 A7266 Serv Req # 944222

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month 11 | Day 22 | Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name | Signature | Month 11 | Day 22 | Year 10
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month 11 | Day 22 | Year 10

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

WEIGHT (LB)	TIME	DATE
GROSS: 12:49	11-22-10	69980 lb
TARE: 13:45	11-22-10	29801b 21 49 to
NET:		
YARDAGE:		

COMMODITY: HAZARDOUS WASTE

DEPUTY WEIGHMASTER

RP

CHEMICAL WASTE MANAGEMENT, INC.
WEIGHMASTER weighed at
35251 Old Skyline Road
Kettleman City, CA

NO: 269511

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE	
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #

13.5

TRUCK 725 - TRAILER
OP4594J 114-8212FV

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA0170023238
2. Page 1 of: 1
3. Emergency Response Phone: 925-383-6502
4. Manifest Tracking Number: 000090398GBF

5. Generator's Name and Mailing Address: US Navy - BRAC PMO-W (Moffett Field), 1 Ave of the Palms Ste 161, San Francisco, CA 94130
Generator's Site Address (if different than mailing address): Moffett Federal Airfield, Moffett Field, CA 94035
Generator's Phone: 415-743-4713 Attn. Doug Dorian

6. Transporter 1 Company Name: Intrinsic Transportation, Inc.
U.S. EPA ID Number: CAR000165274

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Chemical Waste Management - Kettleman Hills Facility, 35251 Old Skyline Rd, Kettleman City, CA 93239
U.S. EPA ID Number: CAT000646117
Facility's Phone: 559-386-6107

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Hazardous Waste Solid, N.O.S. (1,4-Dichlorobenzene), 9, NA3077 PG III ERG# 171	01	CM	14	Y	F002	611	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
96-1 1x Roll-off, Profile # CA 601415 CD # weight ticket required.
Bin PT1292
IR-28.CTO-04, PT-1292 Truck # 7267 Serv. Req. # 944222

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jonathan Zelaya
Signature: on behalf of: [signature]
Month: 11 Day: 22 Year: 10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter signature (for exports only):
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Phil Wells
Signature: Phil Wells
Month: 11 Day: 22 Year: 10
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H32 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Rashik Ramos
Signature: [signature]
Month: 11 Day: 22 Year: 10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS:	12:56	11-22-10	58380 lb 29.19 ton
TARE:	13:45	11-22-10	42120 lb 21.06 ton
NET:			
YARDAGE:			

DEPUTY WEIGHMASTER

CHEMICAL WASTE MANAGEMENT, INC.
WEIGHMASTER weighed at
35251 Old Skyline Road
Kettleman City, CA

NO: 269512

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE	
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT # 77172

FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298/WEIGHING LOCATION
Resource Recovery: (209) 982-4298

1145 W. Charterway
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

006523
INTRINSIC TRANSPORTATION INC.
STUART LEVANG
3250A DUTTON AVENUE
SANTA ROSA, CA 95407
Contract: 6523#

SITE	TICKET	GRID
YF	166864	

WEIGHMASTER: CHRISTINA G

DATE IN	TIME IN
10 November 2010	2:02 pm

DATE OUT	TIME OUT
10 November 2010	2:20 pm

VEHICLE	ROLL OFF
PAPSCHE 17	

REFERENCE	ORIGIN
	SAN FRANCISCO

01 Gross Weight 36,880.00 lb
Tare Weight 33,660.00 lb
Net Weight 3,220.00 lb 1.61 TN

Inbound - SCALE TICKET

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
1.61	TN	C&D				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST#: MB470

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER SIGNATURE

ALLIED WASTE SERVICES
A REPUBLIC SERVICES COMPANY

NS-33

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD70023238

Manifest Document No. M 8470

2. Page 1 of 1

3. Generator's Name and Mailing Address
US Navy BRAC PMOW (Moffett Field)
1 Ave of the palms, Suite 161, San Francisco, CA 94130

4. Generator's Phone (415) 743-4712 att: Doug Delong

5. Transporter 1 Company Name: Dragsun Trans

6. US EPA ID Number: CCD091695

7. Transporter 2 Company Name

8. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Forward Landfill - Republic Services
9999 S. Austin Road.
Manteca, CA 95336

10. US EPA ID Number: n/r

E. State Facility's ID

F. Facility's Phone: 800-204-4242

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-hazardous Solid waste + (empty drums, totes)	28	DF	2	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
11a 12 x DM 11 x Tote
5 x DF
Profile # 6523
IR-28.CTO-04

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
All weights are estimated
site pick up: Moffett Federal air field CA

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Dakins Dolair
Signature: Dakins Dolair
Date: Month 11 Day 10 Year 10

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible]
Signature: [illegible]
Date: Month 11 Day 10 Year 10

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: [illegible]
Signature: [illegible]
Date: Month 11 Day 11 Year 10

GENERATOR / TRANSPORTER / FACILITY

NON-HAZARDOUS WASTE

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