#### **FINAL**

# Fort Ord Operable Unit 1 Meeting Minutes Groundwater Remediation, Well Destruction, and Treatment Plant Decommissioning Marina, California Base Closure Team Meeting 1:30 p.m., 22 August 2014 Prepared by HydroGeoLogic, Inc.

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**Attendees:** (to be revised after meeting)

Individual	Attended?	Individual	Attended?
James Specht, USACE		Grant Himebaugh, RWQCB	X
Teresa Rodgers, USACE	X	Edward Ticken, AMEC	X
Alex Kan, USACE	X	X Jeff Fenton, AMEC	
Bonnie McNeil, USACE	X	X Derek Lieberman, Ahtna	
Cory Koger, USACE	X	Brad Clark, Ahtna	X
William Collins, BRAC	X	Holly Dillon, Ahtna	X
Tom Ghigliotto, Chenega <sup>1</sup>	X	Kevin Ghalambor, Burleson	
Melissa Broadston, Chenega <sup>1</sup>	X	Peter Kelsall, CB&I	X
Bart Kowalski, Chenega <sup>1</sup>	X	Steve Crane, Gilbane	X
Cary Stiebel, Chenega <sup>1</sup>		Erin Caruso, Gilbane	X
Lewis Mitani, EPA	X	Lindsay Alexander, Gilbane	X
Martin Hausladen, EPA	X	Larry Friend, Gilbane	
Kimberly Gettman, DTSC	X	Roy Evans, HGL	X
Franklin Mark, DTSC	X	Kevin Wierengo, HGL	X
Min Wu, Ph.D., DTSC	X	Sean McStay, UCSC	X
Edward Walker, DTSC	X	Mike Wade	X
X = attended in person or by telep	phone: blank i	ndicates absent from the meeting	

USACE = U.S. Army Corps of Engineers

BRAC = Base Realignment and Closure Fort Ord Office

EPA = U.S. Environmental Protection Agency

UCSC = University of California, Santa Cruz

DTSC = California Department of Toxic Substances

Control

RWOCB = Regional Water Quality Control Board

Ahtna = Ahtna Engineering Services

HGL = HydroGeoLogic, Inc.

CB&I = Chicago Bridge & Iron, Inc.

<sup>1</sup>Chenega staff supporting the BRAC

#### **OU-1 Treatment Plant Operations**

HGL reported the Northwest Treatment System (NWTS) operated continuously from 7 July 2014 through 14 August 2014. Extraction wells EW-OU1-60-A and EW-OU1-66-A are operating and total pumping from those wells is approximately 12.5 gallons per minute. EW OU1 71 A, MW-OU1-87-A, and IW-OU1-10-A remain operable and will be temporarily restarted to collect performance monitoring samples in September 2014.

Since system startup in 2006, the NWTS has pumped approximately 211 million gallons of groundwater and removed approximately 6.0 pounds of total volatile organic compounds, primarily

trichloroethene (TCE). An estimated 0.2 pound of TCE has been removed since the NWTS 18 September 2013 sampling event.

#### **OU-1 Groundwater Quality Data**

In accordance with the Uniform Federal Policy (UFP)-Quality Assurance Project Plan (QAPP), HGL collected the following samples from monitoring wells and the NWTS on 27 June 2014:

MW-OU1-87-A MW-OU1-88-A NWTS Effluent

MW-OU1-61-A NWTS Midpoint

Unvalidated sampling results were presented and discussed at the July Base Closure Team (BCT) meeting. Validated results have since been received and the results were unchanged. MW-OU1-61-A remains the only well exceeding the TCE 5.0 micrograms per liter ( $\mu$ g/L) Aquifer Cleanup Level (ACL) in OU-1 with a TCE concentration of 5.7  $\mu$ g/L (and 5.4  $\mu$ g/L in the duplicate sample from this location). Tables 1A and 1B show the TCE and cis-1,2-dichloroethene concentrations, respectively, found in the extraction wells and treatment system. Figure 1.2 in Attachment 1 shows the TCE concentration contour corresponding to the ACL. The next planned sampling event—see Table 2 for sampling locations—will occur September 2 and 3, 2014.

#### **Reporting/Federal Facility Agreement Schedule**

All scheduled submittals have been made for primary and secondary deliverables. The status of submitted and anticipated reports for 2014 is summarized in Table 3. The Draft Well Destruction and Treatment Plant Demolition Completion Report was submitted on 11 August 2014 for regulatory agency and public review. Comments are due on 16 September 2014.

#### **OU-1** Weed Control and Rare Plant Monitoring

The U.S. Fish and Wildlife Service required that the third year of rare plant monitoring be completed at the former well destruction sites and this survey was completed between 25 April 2014 and 02 May 2014. Additional monitoring was performed in May and June during the well destruction effort at well sites destroyed within the Fort Ord Natural Reserve. HGL (FONR) is currently preparing the 2014 FONR Impact Assessment and Habitat and Rare Plant Species Survey Results Report.

#### **Site Exit/Closure Strategy**

TCE concentrations have met or are approaching the aquifer cleanup level at all OU-1 monitoring wells. The strategy is based on demonstrating that the cleanup objectives of the Record of Decision (ROD) regarding human health protectiveness have been met and, therefore, the ROD cleanup goals have been attained. A technical memorandum will be prepared to present the case for OU-1 closure based on cleanup progress to date. The human health risk corresponding to Chemical of Concern concentrations observed at the site have met the human health protectiveness objectives for several years. The technical memorandum will include recommendations for performing attainment monitoring that incorporate existing data to the maximum extent. The memorandum will be presented to the regulators for review and comment.

#### Well Destruction and Treatment Plant Demolition

As of 17 July 2014, all wells for which right of entry (ROE) was obtained have been destroyed (81 wells in total) and the two inactive OU-1 groundwater treatment plants have been demolished. As discussed at previous meetings, the ROE for the Armstrong Ranch property has not yet been obtained—consequently the timetable for destroying these 14 wells and removing approximately 1,500 feet of associated pipeline remains uncertain. Figure 1.2 in Attachment 1 shows the locations of the destroyed wells within OU-1. The Draft Well Destruction and Treatment Plant Demolition Completion Report was submitted on 11 August 2014 for regulatory agency and public review.

#### **Action Items:**

- The Army will obtain ROE agreements for Armstrong Ranch
- HGL will prepare a technical memorandum (TM) to present the case for OU-1 closure in accordance with the strategy described above. The deliverables schedule will be updated to include this TM after the HGL contract is modified for this task.
- HGL will prepare and submit the draft 2014 FONR Impact Assessment and Habitat and Rare Plant Species Survey Results report.

#### **Ongoing:**

- Submit draft minutes for previous BCT meeting(s)—complete through July 2014.
- Submit approved final minutes for previous BCT meeting(s) complete through July 2014.

### Fort Ord HTW BCT Meeting 22 August 2014

Fort Ord Operable Unit 1 Groundwater Remediation, Well Destruction, and Treatment Plant Decommissioning

**ATTACHMENT 1** 

## Table 1A TCE in OU-1 FONR Groundwater Remediation System – Performance Monitoring BCT Meeting for Former Fort Ord – 22 August 2014

	FC	NR Extra	ction	Well (liste	d fro	om south to	) n	orth)	Boundary Extraction Well (from west to east)								NAMED						
Began:	Nov-10			(	Oct-	07				Jul-06					NWTS	TS							
Date	IW-10	MW-8	37	EW-71	l	MW-85		MW-46AD		EW-63	EW-60 EW-66 EW-62		ı	INFLUENT MIDPOIN		T EFFLUENT							
	TCE (µg/L)																						
11/9/07	.E	16		13		19	П	14		ND	Τ	ND		1.7			ND	П	11		ND		ND
1/18/08	Used as monitoring well until pump installed in October 2010. Pumping began 03 November 2010.	11		11		8.9		8.2		ND		ND		1.2			ND		6.0		ND		ND
3/18/08	stal	11		14		6.7		5.8		ND		0.29		1.5			ND		5.6		ND		ND
5/27/08	ii S	9.7		18		2.5		6.1		ND		ND		1.8			ND		3.9		ND		ND
7/21/08	mr 03	9.1		14		4.4		3.4		ND		0.78		1.4			ND		3.6		ND		ND
9/29/08	il pu gan	9.3	J	15	J	4.3	J		J			0.90	J	1.7		J	ND		3.8	J	0.19	J	ND
12/1/08	unt g be	5.8		11		2.6		1.6		ND		0.82		0.91			ND		2.7		0.35	J	ND
1/26/09	ell oing 010	5.9		10		2.2		1.2		ND		0.48	J	0.78			ND		2.4		ND		ND
3/9/09	m g w	5.8		9.9		2.1		1.2		ND		0.95		0.86			ND		2.7		ND		ND
6/11/09	Tiji.	6.9		11		2.4		1.5		ND		0.88		1.7			ND		2.6		0.14	J	ND
9/15/09	nitc 010.	6.8		9.4		1.7		0.78		ND		inactive		1.1			0.036	J	2.3		0.35	J	ND
12/14/09	mo r 20	6.9		7.5		0.84		not sampled		not sampled		inactive		0.94			not sampled		2.3		0.65	J	ND
3/22/10	as	7.2		8.5		0.62		0.55		inactive		ND		0.90			inactive		2.3		ND		ND
6/21/10	Sed	7.4		6.5		0.90		0.40	J	inactive		0.86		0.58			inactive		2.1		ND		ND
9/20/10		7.7		6.6		0.83		0.35	J	discontinued		0.63		0.49		J	inactive		2.3	no	t sampled		ND
12/16/10		6.9		5.2		0.58		0.28	J	discontinued		0.72		0.42		J	inactive		2.6		0.18	J	ND
3/7/11	5.1	6.0		4.6		0.55		0.60		discontinued		0.87		0.42		J	inactive		2.5		0.59		ND
6/7/11	4.2	6.1		4.0		0.78		0.63		discontinued		0.76		0.36		J	inactive		2.6		1.0		ND
9/20/11	4.5	6.2		4.2		1.10		0.38	J	discontinued		0.57		0.36		J	inactive		2.5		1.7		ND
12/7/11	3.8	5.1		3.7			san	npled		discontinued	-	inactive		0.27		J	inactive		1.8		2.1		0.13 J
3/15/12	3.7	5.5		3.8		0.70		0.23	J	discontinued	_	inactive		0.38		J	inactive		0.81		0.32	J	ND
9/25/12		5.3		4.4						discontinued		inactive		0.19		J	inactive		1.8		0.72	J	ND
1/8/13		5.4								discontinued		ND		0.19		J	inactive		1.5				ND
3/27/13		4.8								discontinued		ND		0.23		J	inactive		1.5				ND
6/26/13		4.4								discontinued							inactive		1.7				ND
9/18/13		4.7		1.9						discontinued		0.17	J	0.31		J	inactive		2.0				ND
12/17/13	2.8	4.2								discontinued							inactive		2.1				
3/27/14		3.4	Α	0.89	Α					discontinued		0.22	J/A	0.29	J/	/A	inactive		1.7		0.92	J/A	ND A
6/27/14		3.7								discontinued							inactive		0.28		0.39	J	ND
			46		<u> </u>											Ų				$\sqcup \!\!\! \perp$			
Notes:	, , ,									Bold for	ıt in	dic	ates concent										
ACL - aquifer	quifer cleanup level Not sampled µg/L - micrograms per liter J - Data qualified as estimated																						
ND - nondetec	t			TCE - trich	loroe	thene	Ц			NWTS - Northwe	est '	Treatment S	ysten	1				FO	NR - Fort Ord N	Vatural	Reserve		
				L			Ц							<u> </u>									
Blue font indicates the concentration is calculated using the weighted average of the active pumping wells.																							

## Table 1B cis-1,2-DCE in OU-1 FONR Groundwater Remediation System – Performance Monitoring BCT Meeting for Former Fort Ord – 22 August 2014

Nov-10   Date   TW-10   MW-87   EW-71   MW-85   MW-46AD   EW-63   EW-60   EW-66   EW-62   NFLUENT   MIDPOINT   EFFLUENT
11/09/07   2   2   2   2   2   2   2   2   2
11/90/07   1/20   1.6   2.3   1.70   ND   ND   ND   ND   ND   ND   ND   N
1.1808   3/318/08
0.11
07/21/08   09/29/08   1.50   0.52   0.37   ND   ND   ND   ND   0.41   0.34   ND   ND   09/29/08   1.60   0.54   0.30   ND   ND   ND   ND   ND   ND   0.13   ND   0.42   0.42   0.42   0.12   0.12   0.12   0.12   0.66   0.63   1.20   0.29   J   0.12   J   ND   ND   ND   ND   ND   ND   ND
07/21/08   09/29/08   1.50   0.52   0.37   ND   ND   ND   ND   0.41   0.34   ND   ND   09/29/08   1.60   0.54   0.30   ND   ND   ND   ND   ND   ND   0.13   ND   0.42   0.42   0.42   0.12   0.12   0.12   0.12   0.66   0.63   1.20   0.29   J   0.12   J   ND   ND   ND   ND   ND   ND   ND
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.27         J         0.28         J         ND         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         Inactive         0.23         J         0.30         J         ND         ND         ND         Inactive         0.18         J         0.31         J         0.15         J         0.15         J         0.15         J         0.15         J         0.15         ND         ND         Inactive         ND         0.16         J         0.17         J         0.24
9/20/10         —         0.66         0.46         J         ND         discontinued         ND         ND         inactive         0.23         J         not sampled         ND           12/16/10         0.55         0.66         0.35         J         ND         J         ND         ND         ND         inactive         0.27         J         0.28         J         ND           3/7/11         0.37         J         0.52         0.28         J         0.11         J         ND         discontinued         ND         ND         inactive         0.23         J         0.30         J         ND           6/7/11         0.35         J         0.55         0.29         J         ND         ND         discontinued         ND         ND         inactive         0.18         J         0.31         J         0.15         J           9/20/11         0.25         J         0.46         J         0.21         J         ND         ND         discontinued         ND         ND         inactive         0.17         J         0.19         J         0.23         J         0.23         J         0.19         J         0.23         J
3/7/11         0.37         J         0.52         0.28         J         0.11         J         ND         discontinued         ND         ND         inactive         0.23         J         0.30         J         ND           6/7/11         0.35         J         0.55         0.29         J         ND         ND         ND         ND         inactive         0.18         J         0.31         J         0.15         J           9/20/11         0.25         J         0.46         J         0.21         J         ND         ND         ND         inactive         0.17         J         0.19         J         0.30         J           12/7/11         0.27         J         0.48         J         0.19         J         not sampled         discontinued         inactive         ND         inactive         0.16         J         0.17         J         0.23         J           3/15/12         0.15         J         0.40         J         0.22         J         0.15         J         ND         inactive         ND         inactive         ND         0.24         J         ND           9/25/12          0.35
6/7/11         0.35         J         0.55         0.29         J         ND         discontinued         ND         ND         inactive         0.18         J         0.31         J         0.15         J           9/20/11         0.25         J         0.46         J         0.21         J         ND         ND         ND         inactive         0.17         J         0.19         J         0.30         J           12/7/11         0.27         J         0.48         J         0.19         J         not sampled         discontinued         inactive         ND         inactive         0.16         J         0.17         J         0.23         J           3/15/12         0.15         J         0.40         J         0.22         J         0.15         J         ND         inactive         ND         inactive         ND         0.24         J         ND           9/25/12          0.39         J         0.23         J           discontinued         inactive         ND         inactive         ND         0.24         J         ND           1/8/13          0.35         J
9/20/11         0.25         J         0.46         J         0.21         J         ND         ND         ND         inactive         0.17         J         0.19         J         0.30         J           12/7/11         0.27         J         0.48         J         0.19         J         not sampled         discontinued         inactive         ND         inactive         0.16         J         0.17         J         0.23         J           3/15/12         0.15         J         0.40         J         0.22         J         0.15         J         ND         inactive         ND         inactive         ND         0.24         J         ND           9/25/12          0.39         J         0.23         J           discontinued         inactive         ND         inactive         ND         0.24         J         ND           1/8/13          0.35         J            discontinued         ND         ND         inactive         0.12
12/7/11       0.27       J       0.48       J       0.19       J       not sampled       discontinued       inactive       ND       inactive       0.16       J       0.17       J       0.23       J         3/15/12       0.15       J       0.40       J       0.22       J       0.15       J       ND       inactive       ND       inactive       ND       0.24       J       ND         9/25/12        0.39       J       0.23       J         discontinued       inactive       ND       inactive       ND       0.24       J       ND         1/8/13        0.35       J          discontinued       ND       ND       inactive       0.12
3/15/12     0.15     J     0.40     J     0.22     J     0.15     J     ND     discontinued     inactive     ND     inactive     ND     0.24     J     ND       9/25/12      0.39     J     0.23     J       discontinued     inactive     ND     inactive     ND     0.24     J     ND       1/8/13      0.35     J       discontinued     ND     ND     inactive     0.12
9/25/12          0.39         J         0.23         J           discontinued         inactive         ND         inactive         ND         0.24         J         ND           1/8/13          0.35         J           discontinued         ND         ND         inactive         0.12
1/8/13 0.35 J discontinued ND ND inactive 0.12
3/27/13 0.34 J discontinued ND ND inactive 0.12
6/26/13 0.31 J discontinued inactive 0.27
9/18/13 ND ND discontinued ND ND inactive ND ND
12/17/13 ND 0.19 J discontinued inactive 0.23
3/27/14 0.16 J/A discontinued ND A ND A inactive 0.21 ND A ND A
6/27/14 ND discontinued inactive ND 0.43 J 0.17 J
Notes: Italics (if used) indicate data not yet validated Bold font indicates concentration > ACL
ACL - aquifer cleanup level Not sampled µg/L - micrograms per liter J - Data qualified as estimated
ND - nondetect TCE - trichloroethene NWTS - Northwest Treatment System FONR - Fort Ord Natural Reserve
Blue font indicates the concentration is calculated using the weighted average of the active pumping wells.

Table 2
OU-1 Sampling Schedule for September 2014

Sample Point	Location	Notes							
Treatment plant									
NWTS-Influent	Treatment Plant								
NWTS-Midpoint	Treatment Plant								
NWTS-Effluent	Treatment Plant								
	Extraction wells								
EW-OU1-60-A*	NW Boundary								
EW-OU1-66-A*	NW Boundary								
EW-OU1-71-A*	Central FONR	Temporarily restarted							
MW-OU1-87-A*	Central FONR	for sample collection							
IW-OU1-10-A*	Central FONR	for sample confection							
Monitoring wells									
MW-OU1-58-A	NW Boundary								
MW-OU1-57-A	NW Boundary								
MW-OU1-61-A	NW Boundary	Duplicate collected							
EW-OU1-72-A	Central FONR								
MW-OU1-86-A	Central FONR								
PZ-OU1-49-A1	Central FONR								
MW-OU1-88-A	Central FONR								
MW-OU1-26-A	Central FONR								
PZ-OU1-10-A1	Central FONR								
EW-OU1-52-A	Central FONR								
EW-OU1-53-A	Central FONR								

<sup>\*</sup> Operating extraction well - samples collected from port on discharge pipe.

Table 3
Current Deliverable Schedule
Former Fort Ord, Marina, California – 22 August 2014

Deliverable Title	Submittal	Review Comments Due	Status/Remarks						
Primary Deliverables									
Final UFP-QAPP	May 2014	Received	Submitted 29 May 2014						
Secondary Deliverables									
Final 2014 Semiannual Groundwater Monitoring Report	June 2014	August 2014	Submitted 25 June 2014						
Draft Well Destruction and Treatment Plant Demolition Completion Report	August 2014	September 2014	Submitted 11 August 2014.						
Draft Health & Safety Plan – OU-1 O&M/LTM	May 2014	Received	Draft accepted as Final.						
	Completed Rece	nt Submittals							
Final Memorandum for Record for Optimizing Remediation Pumping	March 2012	February 2012	Accepted as final during July 2012 BCT meeting.						
Final 2012 Annual and 3 <sup>rd</sup> Quarter Groundwater Monitoring Report	March 2013	NA	Submitted 21 March 2013.						
2013 First Quarter Groundwater Monitoring Report	June 2013	August 2013	Submitted 1 July 2013.						
Preliminary Draft Work Plan for Well Destruction and Treatment Plant Demolition	5 November 2013	19 November 2013	Army comments addressed.						
Preliminary Draft Health & Safety Plan – Well Destruction and Treatment Plant Demolition	5 November 2013	19 November 2013	Army comments addressed.						
Preliminary Draft Health & Safety Plan – OU-1 O&M / LTM	5 November 2013	19 November 2013	Army comments addressed						
Draft 2013 Annual and 3 <sup>rd</sup> Quarter Groundwater Monitoring Report	January 2014	March 2014	Submitted 17 January 2014.						
Preliminary Draft UFP-QAPP	26 November 2013	10 December 2013	Army comments addressed.						
Draft UFP-QAPP	March 2014	May 2014	Submitted 04 March 2014						
Final 2013 Annual and 3rd Quarter Groundwater Monitoring Report	April 2014	NA	Submitted 04 April 2014						
Final Work Plan for Well Destruction and Treatment Plant Demolition	April 2014	NA	Submitted 04 April 2014						

