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To: Christopher Lichens/R9/USEPA/US@EPA
cc: Chuck McLaughlin <cmclaugh@demaximis.com>, "Chamberlin, David" <ChamberlinDC@cdm.com>, "TomPerina (tperina@ch2m.com)" <tperina@ch2m.com>, "Smith, Michael J" <SmithMJ@cdm.com>, "Horn, J. Andrew" <HornJA@cdm.com>
Subject: OW8b Lithologic Log and Updated WQ Tables

Hi Chris - the attached files are transmitted to you for your information, in advance of our 9/29 meeting.

The August 2004 semi-annual sampling results have been input into the project's Access database, and 3 updated tables are attached (chlorinated VOCs, aromatic VOCs, and 1,4-dioxane). The results have been qcked but not yet formally validated (we are waiting for the level IV data packet). The data validation results will be included in the revised Phase 1a Addendum Report when it is submitted.

The lith log for OW8b is also attached.

Regards, Sharon

CN_Perchlorate_14Dioxane_Analytical Summary-GW-August04_rev1.p

Aromatic VOCs Analytical Summary-GW-August04_rev1.pc

Chlorinated VOCs Analytical Summary-GW-August04_rev1.p OW-8B.pdf

Table 3-3
Omega Chemical Superfund Site
Chlorinated VOCs Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval	Sample Date	Sample Type	PCE (5)	TCE (5)	1,1,1-TCA (200)	1,1,2-TCA (5)	PCA	1,1-DCE (6)	cis-1,2-DCE (6)	trans-1,2-DCE (10)	1,1-DCA (5)	1,2-DCA (0.5)	1,2-DCB (600)	1,4-DCB (5)	CBN (70)	CTC (0.5)	CFM (80)	MC (5)	Freon 113 (1200)	Freon 11 (150)	Freon 12 (1000#)	VC (0.5)
OW1	62.5 - 77.5																					
	06/06/1996	ORIG	81000	3400	12000	500 U		3600	500 U	500 U	500 U	2600	500 U	500 U	500 U	500 U	3200	15000	1400	990		500 U
	07/02/1999	ORIG	23000	1300	2100	4.6	2.6	1200	5.4	160	86	120	0.97	1 U	2	3.6	400	110	1300	550	5 U	2.1
	05/16/2001	ORIG	86000	2400	8900	20 U	20 U	2700	20 U	100	130	87	20 U	20 U	20 U	10 U	500	490	720	410	100 U	10 U
	05/16/2001	N	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	08/17/2001	ORIG	54000	2000	5800	100 U	100 U	2100	100 U	100 U	100 U	62	100 U	100 U	100 U	50 U	380	500 U	1400	620	500 U	50 U
	11/15/2001	ORIG	33000	1200	2200	2.2	4.7	1300	4	74	54	40	1 U	1 U	1.8	0.5 U	280	21	1400	590	5 U	0.5 U
	02/14/2002	ORIG	30000	1200	2200	100 U	100 U	1200	100 U	100 U	100 U	50 U	100 U	100 U	100 U	50 U	280	500 U	1300	480	500 U	50 U
	08/20/2002	ORIG	42000	1900	3100	200 U	200 U	1300	200 U	200 U	200 U	100 U	200 U	200 U	200 U	100 U	320	1000 U	1100	600	1000 U	100 U
	08/20/2002	N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/19/2003	ORIG	100000	3000	10000	4.7	32	2600	8.6	39	88	84	15	3	7.8	0.5 U	500	72	510	120	5 U	0.5 U
	08/26/2003	ORIG	110000	2200	7000	1.4	19	1600	7.2	43	71	53	4.5	1.2	4.1	0.5 U	360	42	380	170	5 U	0.5 U
	02/24/2004	ORIG	150000	3600	9600	0.58 J	12	2100	4.5	21	52	22	7	1.7	3.4	1	81	53	380 J	55	5 U	0.64
	08/27/2004	ORIG	110000	2300	8500	400 U	400 U	1900	400 U	400 U	400 U	200 U	400 U	400 U	400 U	200 U	400 U	2000 U	2000 U	400 U	2000 U	200 U
	08/27/2004	DUP	150000	3500	12000	0.35 J	5.3	2000	4.6	15	45	12	3.8	0.89 J	1.9	0.44 J	59	41	150	22	5 U	0.5 U
OW1b	110 - 120																					
	07/02/1999	ORIG	180 R	11	7.4	0.5 U	1 U	11	0.5 U	0.65	2.4	8.8	0.5 U	1 U	1 U	0.5 U	6.6	10 U	12	2.9	5 U	0.5 U
	07/02/1999	N	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	10 U	5 U	0.5 U	5 U	0.5 U
	07/02/1999	DUP	300	14	7.8	0.5 U	1 U	13	0.5 U	0.78	2.8	10	0.5 U	1 U	1 U	0.5 U	7.7	10 U	12	3	5 U	0.5 U
	05/16/2001	ORIG	62	2.4	1 U	1 U	1 U	1.9	2.7	1 U	1 U	2.9	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	05/16/2001	DUP	56	1.9	1 U	1 U	1 U	1 U	2.4	1 U	1 U	2.2	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	08/17/2001	ORIG	29	1 U	1 U	1 U	1 U	1 U	1.7	1 U	1 U	1.2	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	11/16/2001	ORIG	60	5.6	6	1 U	1 U	1.6	1.4	1 U	1 U	1	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/14/2002	ORIG	28	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	0.69	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	08/20/2002	ORIG	41	1.4	1 U	1 U	1 U	1.1	1 U	1 U	1 U	0.76	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/19/2003	ORIG	45	2.2	1 U	1 U	1 U	3.1	1 U	1 U	1 U	0.64	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.6
	08/26/2003	ORIG	110	3.5	1.5	1 U	1 U	2.9	1 U	1 U	1 U	1.4	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/24/2004	ORIG	77	3.9	0.3 J	1 U	1 U	3.4	0.45 J	1 U	0.43 J	0.87	1 U	1 U	1 U	0.5 U	1.1	0.8 J	4.8 J	1.8	5 U	0.5 U
	08/27/2004	ORIG	87	2.8	0.84 J	1 U	1 U	2.2	1 U	1 U	1 U	0.41 J	1 U	1 U	1 U	0.5 U	0.59 J	1.2 J	2.5 J	1	5 U	0.5 U

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Groundwater Analytical Results

Well ID/ Screened Interval	Sample Date	Sample Type	PCE (5)	TCE (5)	1,1,1-TCA (200)	1,1,2-TCA (5)	PCA	1,1-DCE (6)	cis-1,2-DCE (6)	trans-1,2-DCE (10)	1,1-DCA (5)	1,2-DCA (0.5)	1,2-DCB (600)	1,4-DCB (5)	CBN (70)	CTC (0.5)	CFM (80)	MC (5)	Freon 113 (1200)	Freon 11 (150)	Freon 12 (1000#)	VC (0.5)
OW2	60 - 80																					
	07/02/1999	ORIG	1300	240	8.5	2 U	4 U	680	2 U	2 U	2.8	2 U	2 U	4 U	4 U	2 U	4 U	40 U	2600	610	20 U	2 U
	05/15/2001	ORIG	780	150	10 U	10 U	10 U	500	10 U	10 U	10 U	5 U	10 U	10 U	10 U	5 U	10 U	50 U	1100	370	50 U	5 U
	08/17/2001	ORIG	620	110	2	1 U	1 U	360	1 U	1 U	1.1	0.5 U	1 U	1 U	1 U	0.57	1 U	5 U	1400	330	5 U	0.5 U
	11/16/2001	ORIG	730	130	2.6	1 U	1 U	390	1 U	1 U	1.5	0.5 U	1 U	1 U	1 U	0.61	1 U	5 U	1600	390	5 U	0.5 U
	02/15/2002	ORIG	710	110	2.1	1 U	1 U	350	1 U	1 U	1.5	0.5 U	1 U	1 U	1 U	0.79	1.2	5 U	1400	380	5 U	0.5 U
	08/21/2002	ORIG	610	120	4 U	4 U	4 U	350	4 U	4 U	4 U	2 U	4 U	4 U	4 U	2 U	4 U	20 U	1400	310	20 U	2 U
	02/19/2003	ORIG	1300	150	5.9	1 U	1 U	790	1 U	1 U	1.9	0.5 U	1 U	1 U	1 U	0.5 U	1.9	5 U	820	280	5 U	0.5 U
	03/10/2003	ORIG	1400	160	3.7	2 U	2 U	680	2 U	2 U	2.1	1 U	2 U	2 U	2 U	1 U	2.5	10 U	660	240	10 U	1 U
	08/27/2003	ORIG	2000	230	5 U	5 U	5 U	870	5 U	5 U	5 U	2.5 U	5 U	5 U	5 U	2.5 U	5 U	25 U	750	290	25 U	2.5 U
	02/24/2004	ORIG	2500	200	4.2 J	5 U	5 U	930	5 U	5 U	2.5 J	2.5 U	5 U	5 U	5 U	2.5 U	3.4 J	25 U	420	180	25 U	2.5 U
	08/24/2004	ORIG	2800	300	3.3 J	10 U	10 U	1000	10 U	10 U	2.9 J	5 U	10 U	10 U	10 U	5 U	4.4 J	50 U	670	300	50 U	5 U
OW3	63 - 83																					
	07/02/1999	ORIG	670	170	28	2 U	4 U	1200	2 U	2 U	2 U	2 U	2 U	4 U	4 U	2 U	4 U	40 U	800	410	20 U	2 U
	05/16/2001	ORIG	2100	270	33	20 U	20 U	1700	20 U	20 U	20 U	10 U	20 U	20 U	20 U	10 U	20 U	100 U	430	380	100 U	10 U
	08/17/2001	ORIG	1800	200	22	4 U	4 U	1500	4 U	4 U	4 U	2 U	4 U	4 U	4 U	2 U	12	20 U	520	330	20 U	2 U
	11/15/2001	ORIG	1300	180	17	1 U	1 U	1200	1 U	1 U	1.6	0.5 U	1 U	1 U	1 U	0.66	6.5	5 U	530	300	5 U	0.5 U
	02/15/2002	ORIG	1400	180	14	4 U	4 U	1100	4 U	4 U	4 U	2 U	4 U	4 U	4 U	2 U	7.7	20 U	530	280	20 U	2 U
	08/20/2002	ORIG	200	160	12	4 U	4 U	130	4 U	4 U	4 U	2 U	4 U	4 U	4 U	2 U	7.4	20 U	360	230	20 U	2 U
	02/20/2003	ORIG	1500	170	9.5	4 U	4 U	1100	4 U	4 U	4 U	2 U	4 U	4 U	4 U	2 U	7	20 U	450	320	20 U	2 U
	02/20/2003	N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	03/13/2003	ORIG	1800	170	8.9	4 U	4 U	1400	4 U	4 U	4 U	2 U	4 U	4 U	4 U	2 U	6.8	20 U	430	250	20 U	2 U
	08/26/2003	ORIG	2100	190	9.4	1 U	1 U	1100	1 U	1 U	2	0.5 U	1 U	1 U	1 U	0.5 U	9.5	5 U	370	300	5 U	0.5 U
	02/25/2004	ORIG	2800	260	11	10 U	10 U	1500	10 U	10 U	2.8 J	5 U	10 U	10 U	10 U	5 U	14	50 U	390	230	50 U	5 U
	02/25/2004	DUP	3200	290	12	10 U	10 U	1700	10 U	10 U	3.7 J	5 U	10 U	10 U	10 U	5 U	16	8.3 J	400	290	50 U	5 U
	08/24/2004	ORIG	2200	250	7.4	5 U	5 U	1200	5 U	5 U	2.6 J	2.5 U	5 U	5 U	5 U	2.5 U	16	12 J	340	270	25 U	2.5 U
OW4A	49.8 - 69.8																					
	05/16/2001	ORIG	1000	120	20 U	20 U	20 U	1500	20 U	20 U	20 U	10 U	20 U	20 U	20 U	10 U	39	100 U	580	260	100 U	10 U
	08/16/2001	ORIG	1300	180	21	1 U	1 U	2400	1 U	1 U	1.7	3.5	1 U	1 U	1 U	1	62	5 U	910	340	5.8	0.5 U

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Well ID/ Screened Interval	Sample Date	Sample Type	PCE (5)	TCE (5)	1,1,1-TCA (200)	1,1,2-TCA (5)	PCA	1,1-DCE (6)	cis-1,2-DCE (6)	trans-1,2-DCE (10)	1,1-DCA (5)	1,2-DCA (0.5)	1,2-DCB (600)	1,4-DCB (5)	CBN (70)	CTC (0.5)	CFM (80)	MC (5)	Freon 113 (1200)	Freon 11 (150)	Freon 12 (1000#)	VC (0.5)
	11/16/2001	ORIG	9.8	30	1 U	1 U	1 U	10	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	32	5 U	5.3	2.2	5 U	0.5 U
	11/16/2001	N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/15/2002	ORIG	130	48	1.6	1 U	1 U	230	1 U	1 U	1 U	0.69	1 U	1 U	1 U	0.5 U	33	5 U	160	62	5 U	0.5 U
	02/15/2002	N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	08/21/2002	ORIG	87	50	1 U	1 U	1 U	120	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	37	5 U	88	44	5 U	0.5 U
	02/20/2003	ORIG	37	30	1 U	1 U	1 U	79	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	21	5 U	53	23	5 U	0.5 U
	03/14/2003	ORIG	250	25	1 U	1 U	1 U	210	1 U	1 U	1 U	0.77	1 U	1 U	1 U	0.5 U	13	5 U	150	69	5 U	0.5 U
	08/27/2003	ORIG	67	32	1 U	1 U	1 U	100	1 U	1 U	1 U	0.5	1 U	1 U	1 U	0.5 U	21	5 U	5 U	32	5 U	0.5 U
	02/27/2004	ORIG	12	31	1 U	1 U	1 U	14	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	22	5 U	11	7	5 U	0.5 U
	08/25/2004	ORIG	68	12	0.3 J	1 U	1 U	140	1 U	1 U	1 U	0.45 J	1 U	1 U	1 U	0.5 U	6.4	1.1 J	230	100	0.87 J	0.5 U
	08/25/2004	DUP	75	13	0.32 J	1 U	1 U	130	1 U	1 U	1 U	0.43 J	1 U	1 U	1 U	0.5 U	6.7	1 J	230	120	0.94 J	0.5 U
OW4B	112 - 122.3																					
	04/03/2001	ORIG	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	05/16/2001	ORIG	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	08/16/2001	ORIG	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	11/16/2001	ORIG	1.9	1 U	1 U	1 U	1 U	1.2	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/15/2002	ORIG	1.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	08/21/2002	ORIG	12	7.9	1 U	1 U	1 U	22	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	86	14	5 U	0.5 U
	02/20/2003	ORIG	41	3.7	1 U	1 U	1 U	14	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	30	1 U	5 U	0.5 U
	08/27/2003	ORIG	33	3	1 U	1 U	1 U	12	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	30	2	5 U	0.5 U
	02/27/2004	ORIG	14	0.31 J	1 U	1 U	1 U	1.4	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	4.2 J	1 U	5 U	0.5 U
	08/25/2004	ORIG	1.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	1.5 J	5 U	1 U	5 U	0.5 U
OW5	30 - 50																					
	08/17/2001	ORIG	150	510	2 U	2 U	2 U	22	31	2 U	2 U	1 U	2 U	2 U	2 U	1 U	2 U	10 U	220	52	10 U	1 U
	08/17/2001	N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	08/17/2001	DUP	190	550	1 U	1 U	1 U	35	36	1.4	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2.4	5 U	240	66	5 U	0.5 U
	11/16/2001	ORIG	130	470	1 U	1 U	1 U	24	26	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2.1	5 U	180	46	5 U	0.5 U
	11/16/2001	DUP	130	570	1 U	1 U	1 U	18	30	1.6	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2.3	5 U	170	47	5 U	0.5 U
	02/15/2002	ORIG	130	390	1 U	1 U	1 U	22	30	1.3	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2	5 U	230	40	5 U	0.5 U

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Well ID/ Screened Interval	Sample Date	Sample Type	PCE (5)	TCE (5)	1,1,1-TCA (200)	1,1,2-TCA (5)	PCA	1,1-DCE (6)	cis-1,2-DCE (6)	trans-1,2-DCE (10)	1,1-DCA (5)	1,2-DCA (0.5)	1,2-DCB (600)	1,4-DCB (5)	CBN (70)	CTC (0.5)	CFM (80)	MC (5)	Freon 113 (1200)	Freon 11 (150)	Freon 12 (1000#)	VC (0.5)
	02/15/2002	DUP	120	410	1 U	1 U	1 U	18	32	1.8	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2.1	5 U	230	39	5 U	0.5 U
	08/22/2002	ORIG	150	300	1 U	1 U	1 U	37	34	1.2	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2.1	5 U	200	61	5 U	0.5 U
	02/21/2003	ORIG	440	810	1 U	1 U	1 U	98	97	5.1	1 U	2.6	1 U	1 U	1 U	0.5 U	26	5 U	470	120	5 U	0.5 U
	08/28/2003	ORIG	25	34	1 U	1 U	1 U	5.4	3.6	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1.3	5 U	5 U	2.7	5 U	0.5 U
	02/24/2004	ORIG	1500	420	3.1	0.91 J	1 U	390	33	2.9	3.8	26	1 U	1 U	1 U	0.5 U	160	20	450	190	5 U	0.5 U
	08/25/2004	ORIG	1800	320	2.6	1.2	1 U	910	14	3.2	5.1	33	1 U	1 U	1 U	0.5 U	300	29	900	360	1.8 J	0.5 U
OW6	38 - 58																					
	05/16/2001	ORIG	28	4	4 U	4 U	4 U	39	4 U	4 U	4 U	2 U	4 U	4 U	4 U	2 U	4 U	20 U	160	96	20 U	2 U
	08/17/2001	ORIG	24	4 U	4 U	4 U	4 U	39	4 U	4 U	4 U	2 U	4 U	4 U	4 U	2 U	4 U	20 U	180	93	20 U	2 U
	11/16/2001	ORIG	140	22	2.9	1 U	1 U	190	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	5.7	5 U	770	440	5 U	0.5 U
	02/15/2002	ORIG	69	13	1.3	1 U	1 U	120	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1.1	3.2	5 U	530	190	5 U	0.5 U
	08/21/2002	ORIG	21	3.9	1 U	1 U	1 U	35	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1.1	5 U	140	95	5 U	0.5 U
	02/21/2003	ORIG	72	15	1 U	1 U	1 U	91	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.71	3.3	5 U	460	350	5 U	0.5 U
	08/28/2003	ORIG	22	3.6	1 U	1 U	1 U	39	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	9.3	340	120	5 U	0.5 U
	02/25/2004	ORIG	17	2.5	1 U	1 U	1 U	16	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	0.83 J	5 U	62	46	5 U	0.5 U
	02/25/2004	N	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	0.53 J	5 U	1 U	5 U	0.5 U
	08/25/2004	ORIG	18	0.87 J	1 U	1 U	1 U	3.8	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	0.47 J	1.9 J	16	9.4	5 U	0.5 U
OW7	70.9 - 90.9																					
	03/27/2002	ORIG	5.6	1.2	1 U	1 U	1 U	0.61 J	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	62	36	5 U	0.5 U
	03/27/2002	N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	0.23 J	5 U	1 U	5 U	0.5 U
	08/21/2002	ORIG	8.2	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	51	44	5 U	0.5 U
	02/21/2003	ORIG	12	1.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	44	36	5 U	0.5 U
	08/26/2003	ORIG	7.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	63	54	5 U	0.5 U
	02/25/2004	ORIG	20	1.4	1 U	1 U	1 U	0.94 J	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	52	34	5 U	0.5 U
	08/25/2004	ORIG	7.4	1.3	1 U	1 U	1 U	0.4 J	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	32	29	5 U	0.5 U
OW8	60.4 - 80																					
	03/27/2002	ORIG	11000	930	50	33	2.2	1600	6.3	92	48	110	1.7	1 U	1.2	0.5 U	390	36	2500	820	1.9 J	0.5 U
	08/22/2002	ORIG	9400	910	49	20 U	20 U	1700	20 U	81	46	49	20 U	20 U	20 U	10 U	350	100 U	2100	1000	100 U	10 U
	08/22/2002	DUP	10000	840	47	25	1.9	1500	9.7	66	45	86	1.2	1 U	1.1	0.5 U	340	140	5 U	910	5 U	0.5 U

Table 3-3
Omega Chemical Superfund Site
Chlorinated VOCs Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval	Sample Date	Sample Type	PCE (5)	TCE (5)	1,1,1-TCA (200)	1,1,2-TCA (5)	PCA	1,1-DCE (6)	cis-1,2-DCE (6)	trans-1,2-DCE (10)	1,1-DCA (5)	1,2-DCA (0.5)	1,2-DCB (600)	1,4-DCB (5)	CBN (70)	CTC (0.5)	CFM (80)	MC (5)	Freon 113 (1200)	Freon 11 (150)	Freon 12 (1000#)	VC (0.5)
	02/20/2003	ORIG	11000	910	50	39	20 U	1200	20 U	58	46	240	20 U	20 U	20 U	10 U	550	930	2300	1000	100 U	10 U
	02/20/2003	DUP	13000	1000	48	58	25 U	1300	25 U	73	60	310	25 U	25 U	25 U	12 U	790	2400	2500	990	120 U	12 U
	03/11/2003	ORIG	34000	2200	390	100 U	100 U	2600	100 U	110	100	820	100 U	100 U	100 U	50 U	2000	6500	2800	810	500 U	50 U
	03/11/2003	DUP	36000	2100	380	100 U	100 U	2500	100 U	100 U	100 U	790	100 U	100 U	100 U	50 U	2000	6300	2600	820	500 U	50 U
	08/27/2003	ORIG	12000	880	40	25 U	25 U	1500	25 U	46	39	140	25 U	25 U	25 U	12 U	420	120 U	1600	580	120 U	12 U
	08/27/2003	N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	08/27/2003	DUP	14000	990	42	40 U	40 U	1700	40 U	43	42	150	40 U	40 U	40 U	20 U	480	200 U	1500	560	200 U	20 U
	11/20/2003	ORIG	35000	1600	290	41	1.7	1900	15	60	67	470	8.9	1 U	3	0.5 U	1300	2500	1700	540	5 U	0.5 U
	02/24/2004	ORIG	17000	1000	35 J	52	50 U	1400	50 U	68	56	350	50 U	50 U	50 U	25 U	670	1700	2200	730	250 U	25 U
	08/24/2004	ORIG	3400	1600	51 J	130	100 U	1300	100 U	100	110	780	100 U	100 U	100 U	50 U	1700	6300	2200	800	500 U	50 U
	08/24/2004	N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	15	5 U	1 U	5 U	0.5 U
OW8B	116 - 126																					
	08/24/2004	ORIG	2.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
QC	-																					
	08/21/2002	M	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/19/2003	M	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/20/2003	M	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U
	02/21/2003	M	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	5 U	5 U	1 U	5 U	0.5 U

Notes:

Concentrations are reported in micrograms per liter (ug/l).
Only chlorinated compounds detected above laboratory reporting limits in one or more groundwater samples are listed.
Samples analyzed by EPA Methods 502.2, 8240 or 8260.
If blank, analyte was either not reported or not analyzed.

Screened interval is shown in feet below ground surface.

U = Not detected at a concentration greater than the reporting limit shown.
H = Estimated result; sample analyzed after holding time.
R = Result not usable based on data validation.

California Maximum Contaminant Levels (MCLs) are shown in parenthesis
= California Action Level

PCE = Tetrachloroethene; TCE = Trichloroethene; TCA = Trichloroethane; PCA = 1,1,1,2-Tetrachloroethane; DCE = Dichloroethene; DCA = Dichloroethane; DCB = Dichlorobenzene; CBN = Chlorobenzene; CTC = Carbon tetrachloride; CFM = Chloroform; MC = Methylene chloride; Freon 113 = 1,1,2-Trichloro-1,2,2-trifluoroethane; Freon 11 = Trichlorofluoromethane; Freon 12 = Dichlorodifluoromethane; and VC = Vinyl chloride.

Sample Type:
ORIG = Original sample
DUP = Duplicate sample
M = Trip Blank
N = Equipment decontamination blank

Table 3-4
Omega Chemical Superfund Site
Aromatic and Other VOCs Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval	Sample Date	Sample Type	Benzene (1)	Toluene (150)	Ethyl benzene (300)	m,p-Xylenes (1750)	o-Xylene (1750)	sec-Butyl benzene (260#)	Isopropyl benzene (770#)	1,2,4-Trimetyl benzene (330#)	1,3,5-Trimethyl benzene (330#)	Acetone	2-Propanol	MTBE (13)	Naphthalene (17#)
OW1	62.5 - 77.5														
	06/06/1996	ORIG	500 U	500 U	500 U	2000 U	2000 U					10000 U			
	07/02/1999	ORIG	10	14	1.5	1.5	3	0.5 U	1 U	1 U	1 U	10 U			1 U
	05/16/2001	ORIG	15	23	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U		20 U	20 U
	05/16/2001	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/17/2001	ORIG	50 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U		100 U	100 U
	11/15/2001	ORIG	7.5	2.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/14/2002	ORIG	50 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U		100 U	100 U
	08/20/2002	ORIG	100 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	2000 U		200 U	200 U
	08/20/2002	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/19/2003	ORIG	15	24	8.1	1	3.4	1 U	2.3	1 U	1 U	10 U		1 U	1 U
	08/26/2003	ORIG	12	8.7	3.6	1 U	1 U	1 U	1	1 U	1 U	10 U		1 U	1 U
	02/24/2004	ORIG	8.8	11	4.4	0.71 J	1.1	0.26 J	2.3	1 U	1 U	10 U		0.33 J	1 U
	08/27/2004	ORIG	200 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	4000 U		400 U	400 U
	08/27/2004	DUP	7	9.6	3.1	1 U	0.55 J	1 U	1.5	1 U	1 U	8.7 J		1 U	1 U
OW1b	110 - 120														
	07/02/1999	ORIG	0.5 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	10 U			1 U
	07/02/1999	N	0.5 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	10 U			1 U
	07/02/1999	DUP	0.5 U	0.5 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	10 U			1 U
	05/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	16		1 U	1 U
	05/16/2001	DUP	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/17/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	11/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/14/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/20/2002	ORIG	0.55	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/19/2003	ORIG	0.62	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/26/2003	ORIG	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/24/2004	ORIG	0.57	1.1	1 U	1.3	0.71 J	1 U	1 U	0.8 J	1 U	5 J		1 U	1 U
	08/27/2004	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	6.1 J		1 U	1 U

Table 3-4
Omega Chemical Superfund Site
Aromatic and Other VOCs Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval	Sample Date	Sample Type	Benzene (1)	Toluene (150)	Ethyl benzene (300)	m,p-Xylenes (1750)	o-Xylene (1750)	sec-Butyl benzene (260#)	Isopropyl benzene (770#)	1,2,4-Trimetyl benzene (330#)	1,3,5-Trimethyl benzene (330#)	Acetone	2-Propanol	MTBE (13)	Naphthalene (17#)
OW2	60 - 80														
	07/02/1999	ORIG	2 U	2 U	4 U	4 U	4 U	2 U	4 U	4 U	4 U	40 U			4 U
	05/15/2001	ORIG	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U		10 U	10 U
	08/17/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	11/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/15/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/21/2002	ORIG	2 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	40 U		4 U	4 U
	02/19/2003	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	03/10/2003	ORIG	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U		2 U	2 U
	08/27/2003	ORIG	2.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U		5 U	5 U
	02/24/2004	ORIG	2.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U		5 U	5 U
	08/24/2004	ORIG	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U		10 U	10 U
OW3	63 - 83														
	07/02/1999	ORIG	2 U	2 U	4 U	4 U	4 U	2 U	4 U	4 U	4 U	40 U			4 U
	05/16/2001	ORIG	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U		20 U	20 U
	08/17/2001	ORIG	2 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	40 U		4 U	4 U
	11/15/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/15/2002	ORIG	2 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	40 U		4 U	4 U
	08/20/2002	ORIG	2 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	40 U		4 U	4 U
	02/20/2003	ORIG	2 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	40 U		4 U	4 U
	02/20/2003	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	03/13/2003	ORIG	2 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	40 U		4 U	4 U
	08/26/2003	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/25/2004	ORIG	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U		10 U	10 U
	02/25/2004	DUP	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U		10 U	10 U
	08/24/2004	ORIG	2.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U		5 U	5 U
OW4A	49.8 - 69.8														
	05/16/2001	ORIG	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U		20 U	20 U
	08/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U

Table 3-4
Omega Chemical Superfund Site
Aromatic and Other VOCs Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval	Sample Date	Sample Type	Benzene (1)	Toluene (150)	Ethyl benzene (300)	m,p-Xylenes (1750)	o-Xylene (1750)	sec-Butyl benzene (260#)	Isopropyl benzene (770#)	1,2,4-Trimetyl benzene (330#)	1,3,5-Trimethyl benzene (330#)	Acetone	2-Propanol	MTBE (13)	Naphthalene (17#)
	11/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	11/16/2001	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/15/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/15/2002	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/21/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/20/2003	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	03/14/2003	ORIG	0.5 U	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/27/2003	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/27/2004	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/25/2004	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	12		0.5 J	0.52 J
	08/25/2004	DUP	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	9 J		0.39 J	1 U
OW4B	112 - 122.3														
	04/03/2001	ORIG	0.5 U	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	28	350		1 U
	05/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	120	940	1 U	1 U
	08/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	470		1 U	1 U
	11/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1500		1 U	1 U
	02/15/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	280	650	1 U	1 U
	08/21/2002	ORIG	1.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	240	570	1 U	1 U
	02/20/2003	ORIG	0.79	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	220		1 U	1 U
	08/27/2003	ORIG	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	46		1 U	1 U
	02/27/2004	ORIG	0.5 U	0.36 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	8.4 J		1 U	1 U
	08/25/2004	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.2 J		1 U	1 U
OW5	30 - 50														
	08/17/2001	ORIG	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U		2 U	2 U
	08/17/2001	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/17/2001	DUP	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	11/16/2001	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	11/16/2001	DUP	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/15/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U

Table 3-4
Omega Chemical Superfund Site
Aromatic and Other VOCs Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval	Sample Date	Sample Type	Benzene (1)	Toluene (150)	Ethyl benzene (300)	m,p-Xylenes (1750)	o-Xylene (1750)	sec-Butyl benzene (260#)	Isopropyl benzene (770#)	1,2,4-Trimetyl benzene (330#)	1,3,5-Trimethyl benzene (330#)	Acetone	2-Propanol	MTBE (13)	Naphthalene (17#)
	02/15/2002	DUP	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/22/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/21/2003	ORIG	0.53	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/28/2003	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/24/2004	ORIG	0.89	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/25/2004	ORIG	0.81	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	14		0.51 J	1 U
OW6	38 - 58														
	05/16/2001	ORIG	2.8	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	40 U		270	4 U
	08/17/2001	ORIG	2.5	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	40 U		150	4 U
	11/16/2001	ORIG	1.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		120	1 U
	02/15/2002	ORIG	2.4	1 U	1 U	1 U	1 U	1.4	1 U	1 U	1 U	10 U		92	1 U
	08/21/2002	ORIG	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		150	1 U
	02/21/2003	ORIG	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		34	1 U
	08/28/2003	ORIG	0.57	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		90	1 U
	02/25/2004	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1.4	1 U
	02/25/2004	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1.3
	08/25/2004	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.1 J		0.43 J	1 U
OW7	70.9 - 90.9														
	03/27/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	03/27/2002	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/21/2002	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/21/2003	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/26/2003	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/25/2004	ORIG	0.5 U	0.39 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	6.6 J		1 U	1 U
	08/25/2004	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
OW8	60.4 - 80														
	03/27/2002	ORIG	5.4	1.9	1 U	1 U	0.62 J	1 U	1 U	1 U	1 U	41		1 U	1 U
	08/22/2002	ORIG	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U		20 U	20 U
	08/22/2002	DUP	5.3	4.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	89		1 U	1 U

Table 3-4
Omega Chemical Superfund Site
Aromatic and Other VOCs Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval	Sample Date	Sample Type	Benzene (1)	Toluene (150)	Ethyl benzene (300)	m,p-Xylenes (1750)	o-Xylene (1750)	sec-Butyl benzene (260#)	Isopropyl benzene (770#)	1,2,4-Trimetyl benzene (330#)	1,3,5-Trimethyl benzene (330#)	Acetone	2-Propanol	MTBE (13)	Naphthalene (17#)
	02/20/2003	ORIG	10 U	44	20 U	20 U	20 U	20 U	20 U	20 U	20 U	1600		20 U	20 U
	02/20/2003	DUP	12 U	120	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5800		25 U	25 U
	03/11/2003	ORIG	50 U	900	100 U	100 U	100 U	100 U	100 U	100 U	100 U	6300		100 U	100 U
	03/11/2003	DUP	50 U	860	100 U	100 U	100 U	100 U	100 U	100 U	100 U	5800		100 U	100 U
	08/27/2003	ORIG	12 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	250 U		25 U	25 U
	08/27/2003	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	08/27/2003	DUP	20 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	400 U		40 U	40 U
	11/20/2003	ORIG	7.2	410	13	44	26	1 U	1.2	11	2.4	2500		1 U	1 U
	02/24/2004	ORIG	25 U	92	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2000		50 U	50 U
	08/24/2004	ORIG	50 U	340	100 U	100 U	27 J	100 U	100 U	100 U	100 U	7400		100 U	100 U
	08/24/2004	N	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	7.2 J		1 U	1 U
OW8B	116 - 126														
	08/24/2004	ORIG	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.7 J		1 U	1 U
QC	-														
	08/21/2002	M	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/19/2003	M	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/20/2003	M	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U
	02/21/2003	M	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		1 U	1 U

Notes:

Concentrations are reported in micrograms per liter (ug/l).

Screened interval is shown in feet below ground surface.

Only analytes detected above laboratory reporting limits in one or more groundwater samples are listed.
U = Not detected at a concentration greater than the reporting limit shown.
H = Estimated result; sample analyzed after holding time.
J = Estimated concentration between the laboratory method detection and reporting limits.
Samples analyzed by EPA Methods 502.2, 8240 or 8260.
If blank, analyte was either not reported or not analyzed.

MTBE = Methyl tertiary butyl ether

Sample Type:
DUP = Duplicate sample
ORIG = Original sample
M = Trip Blank
N = Equipment decontamination blank

California Maximum Contaminant Levels (MCLs) are shown in parenthesis
= California Action Level

Table 3-7
Omega Chemical Superfund Site
Cyanide, Hexavalent Chromium, Perchlorate and 1,4-Dioxane Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval		Sample Date	Sample Type	Cyanide (150)	Hexavalent Chromium (50*)	Perchlorate (6#)	1,4-Dioxane (3#)
OW1	62.5 - 77.5	05/16/2001	ORIG	25 U		4 U	
		08/17/2001	ORIG	25 U		4 U	
		11/15/2001	ORIG			4 U	3300 E
		02/14/2002	ORIG	25 U		4 U	11000 E
		08/20/2002	ORIG				4100 E
		08/20/2002	N				0.63
		02/19/2003	ORIG		0.3 U	4 U	52000
		08/26/2003	ORIG				8400
		08/26/2003	DUP				2700 E
		02/24/2004	ORIG				12000
		08/27/2004	ORIG				5600
		08/27/2004	DUP				6800
OW1b	110 - 120	05/16/2001	ORIG	25 U		4 U	
		05/16/2001	DUP	25 U		4 U	
		08/17/2001	ORIG	25 U		4 U	
		11/16/2001	ORIG			4 U	57
		02/14/2002	ORIG	25 U		4 U	41
		08/20/2002	ORIG				60
		02/19/2003	ORIG		0.3 U	4 U	17
		08/26/2003	ORIG				27
		02/24/2004	ORIG				26
		08/27/2004	ORIG				14
OW2	60 - 80	11/16/2001	ORIG				0.5 U
		02/15/2002	ORIG				0.54 U
		08/21/2002	ORIG				1
		02/19/2003	ORIG		3.1	4 U	1.4
		03/10/2003	ORIG				0.5 U
		08/27/2003	ORIG				0.5 U
		02/24/2004	ORIG				0.5 U
		08/24/2004	ORIG				12
OW3	63 - 83	11/15/2001	ORIG				1
		02/15/2002	ORIG				1.1
		08/20/2002	ORIG				1.2
		02/20/2003	ORIG		5.4	4 U	0.5 U
		02/20/2003	N		0.3 U	4 U	0.5 U
		03/13/2003	ORIG				1.2
		08/26/2003	ORIG				1.6
		02/25/2004	ORIG				0.51
		02/25/2004	DUP				0.5 U
		08/24/2004	ORIG				0.5 U

Table 3-7
Omega Chemical Superfund Site
Cyanide, Hexavalent Chromium, Perchlorate and 1,4-Dioxane Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval		Sample Date	Sample Type	Cyanide (150)	Hexavalent Chromium (50*)	Perchlorate (6#)	1,4-Dioxane (3#)
OW4A	49.8 - 69.8	11/16/2001	ORIG				4.9
		02/15/2002	ORIG				11
		08/21/2002	ORIG				14
		02/20/2003	ORIG		12	4 U	0.88
		03/14/2003	ORIG				1.8
		08/27/2003	ORIG				1
		02/27/2004	ORIG				0.5 U
		08/25/2004	ORIG				1.8
		08/25/2004	DUP				1.9
OW4B	112 - 122.3	11/16/2001	ORIG				0.53 U
		02/15/2002	ORIG				0.51 U
		08/21/2002	ORIG				0.5 U
		02/20/2003	ORIG		0.3 U	9.4	0.5 U
		08/27/2003	ORIG				0.6
		02/27/2004	ORIG				0.5 U
		08/25/2004	ORIG				0.5 U
OW5	30 - 50	11/16/2001	ORIG				0.76
		11/16/2001	DUP				0.88
		02/15/2002	ORIG				1.1
		02/15/2002	DUP				0.98
		08/28/2003	ORIG				0.58
		02/24/2004	ORIG				68
		08/25/2004	ORIG				85
OW6	38 - 58	11/16/2001	ORIG				4
		02/15/2002	ORIG				0.86
		08/28/2003	ORIG				0.85
		02/25/2004	ORIG				0.7
		02/25/2004	N				0.5 U
		08/25/2004	ORIG				0.5 U
OW7	70.9 - 90.9	03/27/2002	ORIG				0.5 U
		08/26/2003	ORIG				0.5 U
		02/25/2004	ORIG				0.5 U
		08/25/2004	ORIG				0.5 U
OW8	60.4 - 80	03/27/2002	ORIG				1000
		08/22/2002	ORIG				830
		08/22/2002	DUP				840
		02/20/2003	ORIG		1.1	4 U	240
		02/20/2003	DUP		0.86	4 U	180
		03/11/2003	ORIG				2600

Table 3-7
Omega Chemical Superfund Site
Cyanide, Hexavalent Chromium, Perchlorate and 1,4-Dioxane Analytical Summary
Groundwater Analytical Results

Well ID/ Screened Interval		Sample Date	Sample Type	Cyanide (150)	Hexavalent Chromium (50*)	Perchlorate (6#)	1,4-Dioxane (3#)
OW8	60.4 - 80	03/11/2003	DUP				2600
		08/27/2003	ORIG				98
		08/27/2003	N				0.5
		08/27/2003	DUP				89
		11/20/2003	ORIG				2700
		02/24/2004	ORIG				210
		08/24/2004	ORIG				5300
		08/24/2004	N				0.5 U
OW8B	116 - 126	08/24/2004	ORIG				0.5 U

Notes:

Concentrations are reported in micrograms per liter (ug/l).

U = Not detected at a concentration greater than the reporting limit shown.
E = Estimated result. Concentration exceeds instrument's upper calibration range.

Screened interval is shown in feet below ground surface.

Cyanide analyzed by EPA Method 335.2; perchlorate by EPA Method 300 modified or Method 314 (2003 results); 1,4-dioxane analyzed by EPA Method 8270 modified; and hexavalent chromium analyzed by EPA Method 218.6.

Sample Type:
DUP = Duplicate sample
ORIG = Original sample
N = Equipment decontamination blank

California Maximum Contaminant Levels (MCLs) are shown in parenthesis
= California Action Level
* = Total chromium MCL

CDM
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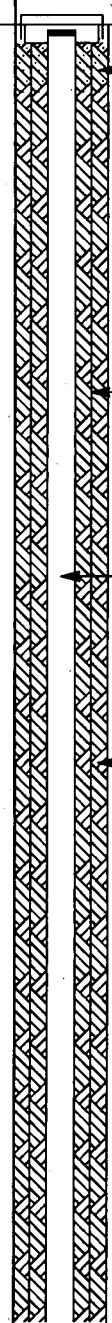
BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a
PROJECT NAME Omega Chemical
LOCATION 12511 Putnam St, Whittier, CA
DRILLING METHOD Mud Rotary
SAMPLING METHOD Continuous Core
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY W.F. Grove
REMARKS

BORING/WELL NUMBER OW-8B
DATE DRILLED 8/16/04
CASING TYPE/DIAMETER Sch 40, PVC / 4"
SCREEN TYPE/SLOT 4" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE Monterey #2/12
GROUT TYPE/QUANTITY Portland Cement/5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Concrete is 7" thick	0.6
								Roadbase	1.0
								SILT: reddish brown; 85% silt; 10% sand, very fine grained, rounded; 5% clay; medium density, moist, no odor.	
					5	ML			
					10				
								SANDY SILT: reddish brown; 65% silt; 30% sand, very fine grained, round, poorly graded; 5% gravel, fine grained, round; medium density, moist, no odor.	12.0 / 12.5
								SILT WITH SAND: reddish brown; 60% silt; 20% sand, very fine grained, round, poorly graded; 20% clay; low plasticity, medium density, moist, no odor.	13.5
					15	ML		SILT: reddish brown; 90% silt; 10% clay; high density, moist, no odor.	
								SILT: reddish brown; 100% silt; trace sand, very fine to coarse grained, subround to round, well graded; medium density, moist, no odor.	
					20			SILT AND CLAY: reddish brown; 60% silt; 40% clay; moderate plasticity, high density, moist, no odor.	20.0
								SILT: reddish brown; 75% silt, 20% clay; 5% sand, very fine grained, round, poorly graded; high density, moist, no odor.	
					25	ML			
					30			SILT: reddish brown; 90% silt; 10% sand, very fine to fine grained, round, poorly graded; medium density, moist, no odor.	
								SILT WITH SAND: reddish brown; 90% silt; 10% sand, very fine grained, round, poorly graded; high density, moist, no odor.	
					35				35.0



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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** OW-8B
PROJECT NAME Omega Chemical **DATE DRILLED** 8/16/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SILT WITH SAND: reddish brown; 90% silt; 10% sand, very fine grained, round, poorly graded; high density, moist, no odor.	37.5	
						SM		SILTY SAND: tan; 60% sand, very fine to fine grained, subround to round, poorly graded; 40% silt; moist, no odor.	40.0	
					40	ML		SILT: reddish brown; 80% silt; 10% sand, very fine grained, round, poorly graded; 10% clay; high density, moist, no odor.		
					45				46.0	12" x 3/8" mild steel conductor casing (0-91.4 ft bgs)
						SM		SILTY SAND: tan; 60% sand, very fine to fine grained, round, poorly graded; 40% silt; dry, no odor.		
					50					4" sch 40 pvc, blank casing (0-116 ft bgs)
								SILTY SAND: reddish brown; 80% sand, very fine to fine grained, round, poorly graded; 20% silt; moist, no odor.		
					55					Portland cement w/ 5% bentonite gel grout (2 - 110 ft bgs)
					60			SAND: light brown; 100% sand, very fine to fine grained, trace medium and coarse, round, poorly graded; slightly cemented, dry, no odor.	60.0	
					65	SP				
								SAND: olive; 100% sand, fine grained, trace medium and coarse, subround to round, poorly graded; wet, no odor.		
					70			SAND: olive; 100% sand, fine, trace medium, subround to round, poorly graded; wet, no odor.	71.0	
						CL		CLAY AND SILT: yellowish brown; 70% clay; 30% silt; high plasticity, high density, moist, no odor.		
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** OW-8B
PROJECT NAME Omega Chemical **DATE DRILLED** 8/16/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						CL		CLAY AND SILT: yellowish brown; 70% clay; 30% silt; high plasticity, high density, moist, no odor.	78.0	
						ML		SANDY SILT: yellowish brown; 50% silt; 30% sand, fine grained, subround to round; 10% gravel, fine to coarse grained, subround to round; 10% clay; medium density, moist, no odor.	79.0	
						SM		SILTY SAND WITH GRAVEL: yellowish brown; 50% sand, fine to coarse grained, subround to round, well graded; 20% silt; 20% gravel, fine to coarse grained, subround to round, well graded; 10% clay; moist to wet, no odor.	80.0	Portland cement w/ 5% bentonite gel grout (2 - 110 ft bgs)
					80	GM		SILTY GRAVEL WITH SAND: brown; 40% gravel, fine to coarse grained, subround to round, well graded; 30% sand, fine to coarse grained, round to subround, well graded; 30% silt; trace of cobbles, maximum diameter of 6 inches; high density, moist, no odor.		4" sch 40 pvc, blank casing (0-116 ft bgs)
					85				87.0	
						CL		CLAY WITH SAND: brown; 85% clay, medium plasticity; 15% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.	92.0	12" x 3/8" mild steel conductor casing (0-91.4 ft bgs)
						CH		CLAY: brown; 95% clay, medium to high plasticity; 5% sand, poorly graded, medium, subangular to subrounded; trace silt.	102.0	
						CL		CLAY: brown; 80% clay, 10% silt, medium plasticity; 10% sand, poorly graded, fine to medium, subangular to subrounded.	108.0	
						CH		CLAY: brown; 95% clay, high plasticity; 5% sand, poorly graded, fine to medium, subangular to subrounded.	110.0	
						CL		CLAY WITH SAND: brown; 85% clay, medium plasticity; 15% sand, poorly graded, fine to medium, subangular to subrounded; trace silt.	113.0	Plaster sand (110-111.3 ft bgs)
						ML		SANDY SILT: brown; 55% silt, 10% clay, low plasticity; 35% sand, fine to medium, subangular to subrounded.	115.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** OW-8B
PROJECT NAME Omega Chemical **DATE DRILLED** 8/16/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SANDY SILT: brown; 55% silt, 10% clay, low plasticity; 35% sand, fine to medium, subangular to subrounded.	119.0	No. 2/12 Monterey sand (111.3 - 128 feet bgs)
						SM		SILTY SAND: light brown and brown; 80% sand, poorly graded, fine to medium, subangular to rounded; 20% silt, nonplastic.	122.0	4" stainless steel, 0.010" wire wrap screen (116 - 126 ft bgs)
						SP SM		SAND WITH SILT: light brown; 95% sand, poorly graded, fine to medium, mostly fine, subangular to rounded; 5% silt, nonplastic.	129.0	
						CL		CLAY: light brown; 90% clay, medium plasticity; 10% sand.	131.0	
						SP SM		SAND WITH SILT: light brown; 95% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded; 5% silt, nonplastic.	132.0	
						CL		CLAY: light brown; 90% clay, medium plasticity; 10% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.	135.0	
						SP		SAND: light brown; 100% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.	140.0	Hydrated bentonite chips (128 - 143 ft bgs)
						CL		CLAY: light brown; 90% clay, medium plasticity; 10% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.	141.0	
						SP		SAND: light brown; 100% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.	143.0	
								Total depth is 143 feet bgs.		