Table A1-2
Summary of Field Duplicate Outliers
Omega Chemical Remedial Investigation

Event	Sample Date	Location ID	Analyte Name	Primary Result	Field Duplicate Result	RPD
2004 QTR1						
	03/03/04	MW6	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2 J	1.4 J	35
	03/03/04	MW6	Total Organic Carbon	2.7	3.9	36
2004 QTR2						
	06/17/04	OW3A	1,4-Dioxane (p-dioxane)	1.2	0.7 J	53
	06/17/04	OW3A	Bromide	0.2	0.26	26
	06/21/04	MW4A	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	280	490	55
	06/21/04	MW4A	bis(2-Ethylhexyl)phthalate	11	3.9 J	95
	06/21/04	MW4A	Total Organic Carbon	17	11	43
	06/21/04	MW4A	Trichlorofluoromethane (Freon 11)	120	200	50
	06/23/04	MW1A	bis(2-Ethylhexyl)phthalate	9.6	42	126
	06/23/04	MW1A	Chloromethane	6.1 J	11 J	57
	06/23/04	MW1A	Methylene chloride	0.62 J	1.9 J	102
	06/23/04	MW1A	Thallium	12.4 J	7.3 J	52
	06/23/04	MW1A	Toluene	1.3 J	2.2 J	51
	06/23/04	MW1A	Trichlorofluoromethane (Freon 11)	33	48	37
2004 QTR3						
	09/13/04	MW4B	1,2,3-Trichloropropane	0.0028 J	0.0044 J	44
	09/13/04	MW4B	Methyl tert-butyl ether	9.2 J	6.6	33
	09/16/04	MW7	1,2,3-Trichloropropane	0.0069	0.0044	44
	09/16/04	MW7	bis(2-Ethylhexyl)phthalate	32 J	17 J	61
	09/16/04	MW7	N-Nitrosodimethylamine	0.0066	0.0027	84
	09/16/04	MW7	Total Organic Carbon	4.7	7.2	42
2004 QTR4						
	12/02/04	OW5	Chromium VI	4.6	7.6	49
	12/02/04	OW5	Lead	0.08 J	0.05 J	46
	12/02/04	OW5	N-Nitrosodimethylamine	0.0046 J	0.002 J	79
	12/06/04	MW4B	1,2-Dibromo-3-chloropropane	5 R	2 R	86
	12/06/04	MW4B	Chemical oxygen demand	5.8 J	8.3 J	35
	12/06/04	MW4B	Zinc	0.65 J	1.7 J	89
	12/07/04	MW7	bis(2-Ethylhexyl)phthalate	4.6 J	1.3 J	112
2005 QTR1						
	02/28/05	MW4A	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	450	820	58
	02/28/05	MW4A	1,1-Dichloroethene	460	780	52
	02/28/05	MW4A	Chloroform	34	51	40
	02/28/05	MW4A	Tetrachloroethene	400 J	620	43
	02/28/05	MW4A	trans-1,2-Dichloroethene	0.41 J	0.28 J	38
	02/28/05	MW4A	Trichloroethene	130	190	38
	02/28/05	MW4A	Trichlorofluoromethane (Freon 11)	190	350	59
2005 QTR3						
	08/30/05	MW6	1,1-Dichloroethene	11	8	32
	08/30/05	MW6	Methylene chloride	1.1	3.7	108
2006 QTR1						
	03/09/06	MW11	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.3 J	0.2 J	40
	03/15/06	MW15	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1400	910	42
	03/15/06	MW15	1,1-Dichloroethene	2000	1000	67
	03/15/06	MW15	Chloroform	440	210	71

Table A1-2
Summary of Field Duplicate Outliers
Omega Chemical Remedial Investigation

Event	Sample Date	Location ID	Analyte Name	Primary Result	Field Duplicate Result	RPD
2006_QTR1						
	03/15/06	MW15	Dichlorodifluoromethane (Freon 12)	4.7	2.7	54
	03/15/06	MW15	N-Nitrosodimethylamine	0.003	0.0048	46
	03/15/06	MW15	Tetrachloroethene	1900	840	77
	03/15/06	MW15	Trichloroethene	540	260	70
	03/15/06	MW15	Trichlorofluoromethane (Freon 11)	670	340	65
2006_QTR3						
	08/29/06	MW4B	Carbon tetrachloride	0.2 J	0.3 J	40
	09/01/06	MW20A	1,1-Dichloroethane	2.3	3.4	39
	09/01/06	MW20A	1,1-Dichloroethene	15	21	33
	09/01/06	MW20A	Chloroform	0.5	0.8	46
	09/01/06	MW20A	cis-1,2-Dichloroethene	1.2	1.8	40
	09/01/06	MW20A	Trichlorofluoromethane (Freon 11)	4.9	7.1	37
	09/07/06	MW10	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	77	25	102
	09/07/06	MW10	1,1-Dichloroethene	43	23	61
	09/07/06	MW10	1,2-Dichloroethane	0.2 J	0.3 J	40
	09/07/06	MW10	Tetrachloroethene	82	190	79
	09/07/06	MW10	Trichloroethene	110	62	56
	09/07/06	MW10	Trichlorofluoromethane (Freon 11)	34	16	72
	09/11/06	MW23C	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	790	350	77
	09/11/06	MW23C	1,1,2-Trichloroethane	0.2 J	0.3 J	40
	09/11/06	MW23C	1,1-Dichloroethene	600	270	76
	09/11/06	MW23C	Benzene	0.3 J	0.2 J	40
	09/11/06	MW23C	cis-1,2-Dichloroethene	24	16	40
	09/11/06	MW23C	Dichlorodifluoromethane (Freon 12)	1	0.5 J	67
	09/11/06	MW23C	Perchlorate	3.6	2	57
	09/11/06	MW23C	Tetrachloroethene	500	210	82
	09/11/06	MW23C	trans-1,2-Dichloroethene	1.5	0.9	50
	09/11/06	MW23C	Trichloroethene	610	230	90
	09/11/06	MW23C	Trichlorofluoromethane (Freon 11)	250	120	70
2007_QTR1HP						
	01/23/07	HP28-5A (90')	1,1-Dichloroethene	1.5	0.95	45
	01/23/07	HP28-5A (90')	Carbon disulfide	0.15 J	0.26 J	54
	01/23/07	HP28-5A (90')	Tetrachloroethene	0.18 J	0.12 J	40
	02/13/07	HP29-2A (97')	1,1-Dichloroethene	4.2 J	1.5 J	95
	02/13/07	HP29-2A (97')	1,4-Dioxane (p-dioxane)	5.6 J	4.1 J	31
	02/13/07	HP29-2A (97')	Chloroform	0.52 J	0.78 J	40
	02/13/07	HP29-2A (97')	cis-1,2-Dichloroethene	24 J	12 J	67
	02/13/07	HP29-2A (97')	Methyl tert-butyl ether	1.4 J	0.86 J	48
	02/13/07	HP29-2A (97')	trans-1,2-Dichloroethene	6.2 J	2.8 J	76
	02/13/07	HP29-2A (97')	Trichloroethene	8.9 J	4.2 J	72
	02/13/07	HP29-2A (97')	Trichlorofluoromethane (Freon 11)	0.22 J	1.1 J	133
	02/13/07	HP29-2A (97')	Vinyl chloride	2.3 J	0.86 J	91
	03/09/07	HPW-5B (50')	1,1-Dichloroethene	6	2.5	82
	03/09/07	HPW-5B (50')	Aluminum	293	1670	140
	03/09/07	HPW-5B (50')	Carbon disulfide	0.15 J	0.28 J	60
	03/09/07	HPW-5B (50')	Carbon tetrachloride	0.42 J	0.2 J	71
	03/09/07	HPW-5B (50')	Chloroform	7.6	5.1	39

Table A1-2
Summary of Field Duplicate Outliers
Omega Chemical Remedial Investigation

Event	Sample Date	Location ID	Analyte Name	Primary Result	Field Duplicate Result	RPD
2007 QTR1HP						
	03/09/07	HPW-5B (50')	Chromium	4.4	10.1	79
	03/09/07	HPW-5B (50')	Cobalt	2.4	4.5	61
	03/09/07	HPW-5B (50')	Copper	0.89 J	8.2	161
	03/09/07	HPW-5B (50')	Iron	51.4 J	1230	184
	03/09/07	HPW-5B (50')	Selenium	3 J	2.1 J	35
	03/09/07	HPW-5B (50')	Tetrachloroethene	95	27	111
	03/09/07	HPW-5B (50')	Trichloroethene	3 J	1.7	55
	03/09/07	HPW-5B (50')	Vanadium	1.6	10.5	147
	03/09/07	HPW-5B (50')	Zinc	7	16.3	80
	03/13/07	HP27-7A (87')	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.2	0.59 J	68
	03/13/07	HP27-7A (87')	trans-1,2-Dichloroethene	0.93 J	0.53 J	55
	03/13/07	HP27-7A (87')	Vinyl chloride	0.46 J	0.3 J	42
2007 QTR3						
	07/09/07	MW24A	Dichlorodifluoromethane (Freon 12)	1.8 J	2.7	40
	07/09/07	MW24A	Tetrachloroethene	590 J	320	59
	07/09/07	MW24A	Total Organic Carbon	0.54	0.81	40
	07/12/07	MW27B	1,1,2-Trichloroethane	0.43 J	10	184
	07/12/07	MW27B	1,1-Dichloroethene	360 J	150	82
	07/12/07	MW27B	Di-n-butyl phthalate	4.3 J	1.2 J	113
	07/12/07	MW27B	Tetrachloroethene	220	120	59
	07/12/07	MW27B	Total kjeldahl nitrogen	0.15 J	0.23 J	42
	07/12/07	MW27B	Trichloroethene	220	140	44
	07/12/07	MW27B	Zinc	2.6 J+	3.7 J+	35
	07/17/07	MW12	1,1-Dichloroethene	4.2	18	124
	07/17/07	MW12	Chloroform	0.19 J	0.41 J	73
	07/17/07	MW12	Chromium VI	0.99	1.7	53
	07/17/07	MW12	Tetrachloroethene	1.1	22 J	181
	07/17/07	MW12	Trichloroethene	6.6	160 J	184

Notes

RPD - Relative Percent Difference = { (Primary Sample - Field Duplicate) / (Primary Sample + Field Duplicate) / 2 } x 100
RPD is calculated and shown only when both the primary and Field Duplicate samples are detected above the Reporting Limit
Field duplicate RPD goal is 50% for Perchlorate, 25% for Anions, Total dissolved solids, Biological oxygen demand, and Total kjeldahl nitrogen, and 30% for all others .
µg/L - micrograms per liter
mg/L - milligrams per liter
U - Not detected at or above the reporting limit.
UJ - Not detected at or above the reporting limit. The reporting limit is an estimate.
J - Estimated value.
J+ estimated result with high bias.