

Table 4 - Statistical Summary of Detected VOCs  
 1992 to September 2004  
 OUCTP RI/FS  
 Former Fort Ord, California

Analyte/Test Method	Frequency of Detection	Total Samples	Total Hits	Min. Detected	Max. Detected	Average Detected	Soil Characterization Level	Total Exceeding Screening Level	Units
<b><u>ASTMD3416M</u></b>									
Carbon Dioxide	2.3	43	1	12.00	12.00	12.00			mg/l
Ethane		43							mg/l
Ethene		43							mg/l
Methane	2.3	43	1	0.02	0.02	0.02			mg/l
<b><u>BTEX</u></b>									
Benzene		8							ug/l
Ethylbenzene		8							ug/l
Toluene		8							ug/l
Xylenes		8							ug/l
<b><u>EPA377.1</u></b>									
Sulfite		11							mg/l
<b><u>EPA415.1</u></b>									
Total Organic Carbon	57.8	45	26	0.29	1,100.00	155.84			mg/l
<b><u>EPA524.2</u></b>									
1,1,1,2-Tetrachloroethane		19							ug/l
1,1,1-Trichloroethane		19							ug/l
1,1,2,2-Tetrachloroethane		19							ug/l
1,1,2-Trichloroethane		19							ug/l
1,1-Dichloroethane		19							ug/l
1,1-Dichloroethene		19							ug/l
1,1-Dichloropropene		19							ug/l
1,2,3-Trichlorobenzene		19							ug/l
1,2,3-Trichloropropane		19							ug/l
1,2,4-Trichlorobenzene		19							ug/l
1,2,4-Trimethylbenzene		19							ug/l

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1,2-Dibromo-3-chloropropane		19							ug/l
1,2-Dichlorobenzene		19							ug/l
1,2-Dichloroethane		19							ug/l
1,2-Dichloropropane		19							ug/l
1,3,5-Trimethylbenzene		19							ug/l
1,3-Dichlorobenzene		19							ug/l
1,3-Dichloropropane		19							ug/l
1,3-Dichloropropene		19							ug/l
1,4-Dichlorobenzene		19							ug/l
2,2-Dichloropropane		19							ug/l
2-Chloroethyl vinyl ether		19							ug/l
2-Chlorotoluene		19							ug/l
4-Chlorotoluene		19							ug/l
4-Methyl-2-pentanone(MIBK)		19							ug/l
Benzene		19							ug/l
Bromobenzene		19							ug/l
Bromochloromethane		19							ug/l
Bromodichloromethane		19							ug/l
Bromoform		19							ug/l
Bromomethane		19							ug/l
Carbon tetrachloride	100.0	19	19	3.60	6.95	4.98			ug/l
Chlorobenzene		19							ug/l
Chloroethane		19							ug/l
Chloroform		19							ug/l
Chloromethane		19							ug/l
cis-1,2-Dichloroethene		19							ug/l

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Dibromochloromethane		19							ug/l
Dibromomethane		19							ug/l
Dichlorodifluoromethane		19							ug/l
Ethylbenzene		19							ug/l
Freon 113		19							ug/l
Hexachlorobutadiene		19							ug/l
Isopropylbenzene(1-Methylethylbenzene)		19							ug/l
m,p-Xylenes		19							ug/l
Methyl ethyl ketone (MEK)		19							ug/l
Methylene chloride		19							ug/l
Methyl-tert-butyl-ether		19							ug/l
Naphthalene		19							ug/l
n-Butylbenzene		19							ug/l
o-Xylene		19							ug/l
p-Isopropyltoluene		19							ug/l
Propylbenzene		19							ug/l
sec-Butylbenzene		19							ug/l
Styrene		19							ug/l
tert-Butylbenzene		19							ug/l
Tetrachloroethene		19							ug/l
Toluene		19							ug/l
trans-1,2-Dichloroethene		19							ug/l
Trichloroethene		19							ug/l
Trichlorofluoromethane		19							ug/l
Trihalomethanes (total)	50.0	18	9	0.73	1.00	0.87			ug/l
Vinyl chloride		19							ug/l

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Xylenes		19							ug/l
<b><u>EPA8010</u></b>									
1,1,1-Trichloroethane		33							ug/l
1,1,2,2-Tetrachloroethane		33							ug/l
1,1,2-Trichloroethane		33							ug/l
1,1-Dichloroethane		33							ug/l
1,1-Dichloroethene		33							ug/l
1,2-Dibromoethane		21							ug/l
1,2-Dichlorobenzene		12							ug/l
1,2-Dichloroethane		33							ug/l
1,2-Dichloroethene (total)		33							ug/l
1,2-Dichloropropane		33							ug/l
1,3-Dichlorobenzene		12							ug/l
1,4-Dichlorobenzene		12							ug/l
Bromodichloromethane		33							ug/l
Bromoform		33							ug/l
Bromomethane		33							ug/l
Carbon tetrachloride	69.7	33	23	0.32	8.60	5.06			ug/l
Chlorobenzene		33							ug/l
Chloroethane		33							ug/l
Chloroform	27.3	33	9	0.32	0.46	0.36			ug/l
Chloromethane		33							ug/l
cis-1,2-Dichloroethene		18							ug/l
cis-1,3-Dichloropropene		33							ug/l
Dibromochloromethane		33							ug/l
Freon 113		33							ug/l

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Methylene chloride		33							ug/l
Tetrachloroethene		33							ug/l
trans-1,2-Dichloroethene		18							ug/l
trans-1,3-Dichloropropene		33							ug/l
Trichloroethene		33							ug/l
Vinyl chloride		33							ug/l
<b><u>EPA8015B-M</u></b>									
Methane		11							mg/l
<b><u>EPA8015G</u></b>									
TPH-Gasoline		8							mg/l
TPH-Purgeable Unknown Hydrocarbon		8							mg/l
<b><u>EPA8020</u></b>									
1,2-Dichlorobenzene		8							ug/l
1,3-Dichlorobenzene		8							ug/l
1,4-Dichlorobenzene		8							ug/l
Benzene		9							ug/l
Chlorobenzene		8							ug/l
Ethylbenzene		9							ug/l
Toluene		9							ug/l
Xylenes		9							ug/l
<b><u>EPA8021</u></b>									
1,1,1-Trichloroethane		6							ug/l
1,1,2-Trichloroethane		2							ug/l
1,1-Dichloroethane		6							ug/l
1,1-Dichloroethene		6							ug/l
1,2-Dichlorobenzene		6							ug/l

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1,2-Dichloroethane		6							ug/l
1,2-Dichloroethene (total)		6							ug/l
1,2-Dichloropropane		6							ug/l
1,4-Dichlorobenzene		6							ug/l
Benzene		6							ug/l
Bromodichloromethane		6							ug/l
Bromoform		6							ug/l
Bromomethane		2							ug/l
Carbon tetrachloride	100.0	6	6	0.51	9.10	4.47			ug/l
Chlorobenzene		6							ug/l
Chloroethane		6							ug/l
Chloroform		6							ug/l
Chloromethane		2							ug/l
cis-1,2-Dichloroethene		6							ug/l
cis-1,3-Dichloropropene		2							ug/l
Dibromochloromethane		6							ug/l
Ethylbenzene		6							ug/l
Freon 113		6							ug/l
Methylene chloride		6							ug/l
Tetrachloroethene		6							ug/l
Toluene		6							ug/l
trans-1,2-Dichloroethene		6							ug/l
trans-1,3-Dichloropropene		2							ug/l
Trichloroethene		6							ug/l
Vinyl chloride		6							ug/l
Xylenes		6							ug/l

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<b>EPA8240</b>									
1,1,1-Trichloroethane		8							ug/l
1,1,2,2-Tetrachloroethane		8							ug/l
1,1,2-Trichloroethane		8							ug/l
1,1-Dichloroethane		8							ug/l
1,1-Dichloroethene		8							ug/l
1,2-Dichloroethane		8							ug/l
1,2-Dichloroethene (total)		8							ug/l
1,2-Dichloropropane		8							ug/l
2-Hexanone		8							ug/l
4-Methyl-2-pentanone(MIBK)		8							ug/l
Acetone		8							ug/l
Benzene		8							ug/l
Bromodichloromethane		8							ug/l
Bromoform		8							ug/l
Bromomethane		8							ug/l
Carbon disulfide		8							ug/l
Carbon tetrachloride	25.0	8	2	3.40	9.80	6.60			ug/l
Chlorobenzene		8							ug/l
Chloroethane		8							ug/l
Chloroform		8							ug/l
Chloromethane		8							ug/l
cis-1,3-Dichloropropene		8							ug/l
Dibromochloromethane		8							ug/l
Ethylbenzene		8							ug/l
Methyl ethyl ketone (MEK)		8							ug/l

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Methylene chloride		8							ug/l
Styrene		8							ug/l
Tetrachloroethene		8							ug/l
Toluene		8							ug/l
trans-1,3-Dichloropropene		8							ug/l
Trichloroethene		8							ug/l
Vinyl acetate		8							ug/l
Vinyl chloride		8							ug/l
Xylenes		8							ug/l
<b><u>EPA8260</u></b>									
1,1,1-Trichloroethane	1.1	179	2	0.58	0.69	0.63			ug/l
1,1-Dichloroethane	0.6	179	1	0.10	0.10	0.10			ug/l
1,1-Dichloroethene		179							ug/l
1,2-Dichlorobenzene	0.6	179	1	0.11	0.11	0.11			ug/l
1,2-Dichloroethane	6.7	179	12	0.08	0.71	0.35			ug/l
1,2-Dichloroethene (total)		179							ug/l
1,2-Dichloropropane		179							ug/l
1,4-Dichlorobenzene		179							ug/l
Benzene	6.1	179	11	0.07	2.13	0.83			ug/l
Bromodichloromethane	5.0	179	9	0.06	0.26	0.14			ug/l
Bromoform	5.0	179	9	0.15	0.61	0.35			ug/l
Carbon tetrachloride	56.4	179	101	0.06	15.90	2.70			ug/l
Chlorobenzene		179							ug/l
Chloroethane		179							ug/l
Chloroform	14.5	179	26	0.08	1.46	0.46			ug/l
Chloromethane	10.0	20	2	0.11	0.14	0.12			ug/l



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cis-1,2-Dichloroethene		179							ug/l
cis-1,3-Dichloropropene		2							ug/l
Dibromochloromethane	5.6	179	10	0.06	0.40	0.16			ug/l
Ethylbenzene	1.1	179	2	0.26	0.33	0.30			ug/l
Freon 113		179							ug/l
Methyl ethyl ketone (MEK)		2							ug/l
Methylene chloride	1.7	179	3	0.88	0.97	0.91			ug/l
Tetrachloroethene	1.7	179	3	0.07	1.63	0.60			ug/l
Toluene	16.2	179	29	0.06	58.90	4.15			ug/l
trans-1,2-Dichloroethene		178							ug/l
trans-1,3-Dichloropropene		2							ug/l
Trichloroethene	19.6	179	35	0.05	2.57	0.40			ug/l
Vinyl chloride		179							ug/l
Xylenes	5.0	179	9	0.43	1.40	0.83			ug/l
<b><u>EPA8260B</u></b>									
1,1,1,2-Tetrachloroethane		5							ug/l
1,1,1-Trichloroethane	1.1	2227	25	0.25	3.91	0.88			ug/l
1,1,2,2-Tetrachloroethane		10							ug/l
1,1,2-Trichloroethane		10							ug/l
1,1-Dichloroethane		2227							ug/l
1,1-Dichloroethene		2227							ug/l
1,1-Dichloropropene		5							ug/l
1,2,3-Trichlorobenzene		5							ug/l
1,2,3-Trichloropropane		5							ug/l
1,2,4-Trichlorobenzene		5							ug/l
1,2,4-Trimethylbenzene		5							ug/l

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1,2-Dibromo-3-chloropropane		5							ug/l
1,2-Dibromoethane		5							ug/l
1,2-Dichlorobenzene	0.0	2227	1	0.50	0.50	0.50			ug/l
1,2-Dichloroethane	1.6	2227	35	0.25	1.70	0.53			ug/l
1,2-Dichloroethene (total)	0.6	2217	13	0.30	0.44	0.38			ug/l
1,2-Dichloropropane		2227							ug/l
1,3,5-Trimethylbenzene		5							ug/l
1,3-Dichlorobenzene		10							ug/l
1,3-Dichloropropane		5							ug/l
1,4-Dichlorobenzene		2227							ug/l
2,2-Dichloropropane		5							ug/l
2-Chlorotoluene		5							ug/l
2-Hexanone		5							ug/l
4-Chlorotoluene		5							ug/l
4-Methyl-2-pentanone(MIBK)	80.0	5	4	2,700.00	3,200.00	2,825.00			ug/l
Acetone	95.3	43	41	12.00	2,500.00	319.66			ug/l
Benzene	1.2	2222	26	0.25	4.20	1.15			ug/l
Bromobenzene		5							ug/l
Bromochloromethane		5							ug/l
Bromodichloromethane	2.4	2227	53	0.25	3.00	1.22			ug/l
Bromoform	2.1	2227	47	0.25	9.30	2.51			ug/l
Bromomethane		10							ug/l
Carbon disulfide		8							ug/l
Carbon tetrachloride	37.9	2326	881	0.25	8,800.00	153.09			ug/l
Chlorobenzene		2227							ug/l
Chloroethane	0.4	2227	10	0.26	3.10	0.69			ug/l

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Chloroform	20.7	2321	481	0.25	880.00	6.11			ug/l
Chloromethane	2.8	2035	56	0.16	1.40	0.38			ug/l
cis-1,2-Dichloroethene	0.6	2227	13	0.30	0.44	0.38			ug/l
cis-1,3-Dichloropropene		22							ug/l
Dibromochloromethane	2.0	2227	45	0.26	7.90	1.97			ug/l
Dibromomethane		5							ug/l
Ethylbenzene	0.3	2222	7	0.26	0.74	0.38			ug/l
Freon 113		2227							ug/l
Hexachlorobutadiene		5							ug/l
Isopropylbenzene(1-Methylethylbenzene)		5							ug/l
m,p-Xylenes		5							ug/l
Methyl ethyl ketone (MEK)	4.6	2047	94	5.10	1,000.00	21.15			ug/l
Methylene chloride	0.1	2316	2	2.90	17.00	9.95			ug/l
Methyl-tert-butyl-ether	4.5	1297	59	0.25	310.00	11.16			ug/l
Naphthalene		5							ug/l
n-Butylbenzene		5							ug/l
o-Xylene		5							ug/l
Propylbenzene		5							ug/l
sec-Butylbenzene		5							ug/l
Styrene		5							ug/l
tert-Butylbenzene		5							ug/l
Tetrachloroethene	3.9	2227	87	0.25	7.30	0.73			ug/l
Toluene	4.8	2222	107	0.25	16.00	1.26			ug/l
trans-1,2-Dichloroethene		2227							ug/l
trans-1,3-Dichloropropene		22							ug/l
Trichloroethene	8.5	2227	190	0.25	6.90	1.57			ug/l

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Trichlorofluoromethane		10							ug/l
Vinyl acetate		5							ug/l
Vinyl chloride	6.4	2227	143	0.25	4.80	0.47			ug/l
Xylenes	2.3	2217	50	0.27	3.20	0.64			ug/l
<b><u>EPA9060</u></b>									
Total Organic Carbon	65.1	43	28	1.14	22.90	9.18			mg/l
<b><u>RSKSOP175</u></b>									
Carbon Dioxide	38.2	34	13	7.80	85.00	24.81			mg/l
Ethane		34							mg/l
Ethene		23							mg/l
Methane	8.8	34	3	0.01	1.70	0.64			mg/l
<b><u>SW8260B</u></b>									
1,1,1-Trichloroethane		1							µg/l
1,1-Dichloroethane		1							µg/l
1,1-Dichloroethene		1							µg/l
1,2-Dichloroethane		1							µg/l
1,2-Dichloroethene (total)		1							µg/l
Benzene		1							µg/l
Carbon tetrachloride		1							µg/l
Chloroform		1							µg/l
Methyl ethyl ketone (MEK)		1							µg/l
Tetrachloroethene		1							µg/l
Trichloroethene		1							µg/l

Checked                     JFM                      
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 Approved                     MST