

## SDG GP04 - PE SCORING

SDG	Sample Number	L2?	MATRIX	METH	NAME	COMPOUND	UNIT	RESULT	QUAL	BOOL	L-PAL	H-PAL	CV	MDL	DIL	SCORE
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	4,4'-DDD	ug/kg	180			87.0	246	201	42	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	4,4'-DDE	ug/kg	160			85.3	216	175	42	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	4,4'-DDT	ug/kg	94			31.5	129	106	42	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Aldrin	ug/kg	120			59.7	188	147	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	alpha-BHC	ug/kg	64	Q		23.7	88.0	76.8	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	alpha-Chlordane	ug/kg			ND				21	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	beta-BHC	ug/kg	150			57.2	243	195	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	delta-BHC	ug/kg			ND				21	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Dieldrin	ug/kg	190			198	80.3	240	42	12.5	LOW
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endosulfan I	ug/kg			ND				21	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endosulfan II	ug/kg			ND				42	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endosulfan sulfate	ug/kg			ND				42	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endrin	ug/kg	190			91.5	233	189	42	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endrin aldehyde	ug/kg			ND				42	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endrin ketone	ug/kg			ND				42	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	gamma-BHC (Lindane)	ug/kg			ND				21	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	gamma-Chlordane	ug/kg	180			85.4	230	188	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Heptachlor	ug/kg	120			65.0	189	159	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Heptachlor epoxide	ug/kg	130			62.7	196	159	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Methoxychlor	ug/kg	150	J		51.0	216	166	210	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Toxaphene	ug/kg			ND				840	12.5	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	2,4,5-T	ug/kg	13000			0	62900	25746	1100	55.55	OK
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	2,4,5-TP (Silvex)	ug/kg	22000			0	80580	21780	1100	55.55	OK
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	2,4-D	ug/kg	20000	Q		20085	69201	44643	4400	55.55	LOW
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	2,4-DB	ug/kg			ND			49186	4400	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	Dalapon	ug/kg	16000					26333	2200	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	Dicamba	ug/kg	32000					59049	2200	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	Dichlorprop	ug/kg	21000					45999	4400	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	Dinoseb	ug/kg			ND				670	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	MCPA	ug/kg			ND			182268	440000	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	MCPP	ug/kg			ND			81990	440000	55.55	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1,1,2-Tetrachloroethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1,1-Trichloroethane	ug/kg	46			33.6	55.4	44.0	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1,2,2-Tetrachloroethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1,2-Trichloroethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1-Dichloroethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1-Dichloroethene	ug/kg	110			79.3	134	110	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1-Dichloropropene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2,3-Trichlorobenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2,3-Trichloropropane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2,4-Trichlorobenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2,4-Trimethylbenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dibromo-3-chloropropane	ug/kg			ND				10	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dibromoethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dichlorobenzene	ug/kg	25			18.4	29.9	23.6	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dichloroethane	ug/kg	55			41.2	66.8	52.7	5	1	OK

## SDG GP04 - PE SCORING

SDG	Sample Number	L27	MATRIX	METH	NAME	COMPOUND	UNIT	RESULT	QUAL	BOOL	L-PAL	H-PAL	CV	MDL	DIL	SCORE
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dichloropropane	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,3,5-Trimethylbenzene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,3-Dichlorobenzene	ug/kg	130			101	167	131	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,3-Dichloropropane	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,4-Dichlorobenzene	ug/kg	49			35.4	60.2	46.0	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	2,2-Dichloropropane	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	2-Chlorotoluene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	4-Chlorotoluene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Benzene	ug/kg	57			43.1	68.8	55.0	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromobenzene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromochloromethane	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromodichloromethane	ug/kg	71			52.5	82.4	66.0	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromoform	ug/kg	92			72.4	124	93.6	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromomethane	ug/kg			ND				10		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Carbon tetrachloride	ug/kg	110			77.7	135	104	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Chlorobenzene	ug/kg	21			18.0	27.3	22.1	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Chloroethane	ug/kg			ND				10		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Chloroform	ug/kg	86			64.3	104	83.1	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Chloromethane	ug/kg			ND				10		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	cis-1,2-Dichloroethane	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	cis-1,3-Dichloropropene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Dibromochloromethane	ug/kg	70						5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Dibromomethane	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Dichlorodifluoromethane	ug/kg			ND				10		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Ethylbenzene	ug/kg	16			13.5	21.4	16.8	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Hexachlorobutadiene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Isopropylbenzene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Methylene chloride	ug/kg	76			47.3	94.6	71.8	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	m-Xylene & p-Xylene	ug/kg	38			32.5	51.6	40.3	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Naphthalene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	n-Butylbenzene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	n-Propylbenzene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	o-Xylene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	p-Isopropyltoluene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	sec-Butylbenzene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Styrene	ug/kg	25			20.5	38.1	27.4	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	tert-Butylbenzene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Tetrachloroethene	ug/kg	110			92.8	157	122	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Toluene	ug/kg	63			55.5	84.6	69.1	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	trans-1,2-Dichloroethene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	trans-1,3-Dichloropropene	ug/kg			ND				5		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Trichloroethene	ug/kg	22			15.6	26.3	21.3	5		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Trichlorofluoromethane	ug/kg			ND				10		1
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Vinyl chloride	ug/kg			ND				10		1
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	1,2,4-Trichlorobenzene	ug/kg	940			252	2030	1930	330		1 OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	1,2-Dichlorobenzene	ug/kg	820			705	1920	1830	330		1 OK

## SDG GP04 - PE SCORING

SDG	Sample Number	L2?	MATRIX	METH	NAME	COMPOUND	UNIT	RESULT	QUAL	BOOL	L-PAL	H-PAL	CV	MDL	DIL	SCORE
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	1,3-Dichlorobenzene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	1,4-Dichlorobenzene	ug/kg	1300			1100	3970	3780	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4,5-Trichlorophenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4,6-Trichlorophenol	ug/kg	2400			811	5010	4770	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4-Dichlorophenol	ug/kg	1400			495	2990	2850	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4-Dimethylphenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4-Dinitrophenol	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4-Dinitrotoluene	ug/kg	2100			981	3490	3320	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,6-Dinitrotoluene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Chloronaphthalene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Chlorophenol	ug/kg	890			648	1980	1890	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Methylnaphthalene	ug/kg	2500			1680	4670	4450	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Methylphenol	ug/kg	1600			330	3290	3130	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Nitroaniline	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Nitrophenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	3,3'-Dichlorobenzidine	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	3-Methylphenol & 4-Methylphenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	3-Nitroaniline	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4,6-Dinitro-2-methylphenol	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Bromophenyl phenyl ether	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Chloro-3-methylphenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Chloroaniline	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Chlorophenyl phenyl ether	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Nitroaniline	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Nitrophenol	ug/kg			ND				1800	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Acenaphthene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Acenaphthylene	ug/kg	620			559	1510	1440	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Anthracene	ug/kg	2700			1070	6240	5940	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(a)anthracene	ug/kg	1500			826	2600	2460	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(a)pyrene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(b)fluoranthene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(ghi)perylene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(k)fluoranthene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzoic acid	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzyl alcohol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	bis(2-Chloroethoxy)methane	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	bis(2-Chloroethyl) ether	ug/kg	1800			1250	4310	4100	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	bis(2-Chloroisopropyl) ether	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	bis(2-Ethylhexyl) phthalate	ug/kg	3000			1580	4800	3890	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Butyl benzyl phthalate	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Carbazole	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Chrysene	ug/kg	630			390	1070	960	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Dibenz(a,h)anthracene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Dibenzofuran	ug/kg	2400			1360	4180	3920	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Diethyl phthalate	ug/kg	2300			1890	3710	3530	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Dimethyl phthalate	ug/kg			ND				330	1	

## SDG GP04 - PE SCORING

SDG	Sample Number	L2?	MATRIX	METH	NAME	COMPOUND	UNIT	RESULT	QUAL	BOOL	L-PAL	H-PAL	CV	MDL	DIL	SCORE
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Di-n-butyl phthalate	ug/kg	1800			833	2810	2460	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Di-n-octyl phthalate	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Fluoranthene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Fluorene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Hexachlorobenzene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Hexachlorobutadiene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Hexachlorocyclopentadiene	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Hexachloroethane	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Indeno(1,2,3-cd)pyrene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Isophorone	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Naphthalene	ug/kg	2200			555	3950	3760	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Nitrobenzene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	N-Nitrosodi-n-propylamine	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	N-Nitrosodiphenylamine	ug/kg	2300			1230	4210	4010	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Pentachlorophenol	ug/kg	2000			1200	4760	4380	1600	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Phenanthrene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Phenol	ug/kg	4500			1670	10500	8580	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Pyrene	ug/kg	1300			511	1760	1580	330	1	OK
GP04	PE-ERA-541-240	SA	SOLID	9012A	Cyan	Cyanide, Total	mg/kg	187	Q		72.8	280	176	5	10	OK

**PESTICIDE  
EVALUATION REPORT FOR PES  
TT05407**

EPA/CLP No.

NA

(par)

Report date: 07/27/1999  
 Method: SW846 8062  
 Lab name: QUANTERRA ENVIRONMENTAL SERVICES  
 Labcode: Case: DAS No.  
 Matrix: SOIL QC Report No.:  
 Sample wt/vol: (g/mL)  
 %Moisture Decanted:(Y/N)  
 Extraction:  
 Concentrated Extract Volume: (uL)  
 Injection Volume: (uL)  
 GPC Cleanup: (Y/N) pH:

Contract:  
 SOG: GP05  
 Lab Sample ID:  
 Lab File ID:  
 Date sample received: 06/28/1999  
 Date Extracted: / /  
 Date analyzed: 07/10/1999  
 Dilution Factor: 1  
 Sulfur Cleanup

**Comments:**

Lot-Sample #: G9F260176-017 Date Sampled: 06/25/99 Prep Date: 06/28/99  
 Prep Batch #: 9180331 Work Order #: CXEM6101

Concentration Units: ug/Kg

**PES Compounds Reported**

CAS No.	Compound Name	Concentration	Evaluation	Q
11096-87-6	Aroclor-1260	110	Within Warning Limits	

**PES Compounds Not Evaluated**

CAS No	Compound Name	Concentration	Evaluation	Q
319-84-6	alpha-BHC		Not Evaluated	
319-85-7	beta-BHC		Not Evaluated	
319-86-8	delta-BHC		Not Evaluated	
56-89-0	gamma-BHC (Lindane)		Not Evaluated	
75-44-8	Heptachlor		Not Evaluated	

(10/9)

DIOXINS/FURANS  
Method 8280

PES SAMPLE NUMBER: UQJ233  
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA  
Lab Code: QUANT Case No: NA  
Lab Sample ID: G9F260176018  
Lab File ID: NA

Contract: NA  
DAS No: NA SDG No: GPO5  
Date Received: 06/26/99  
Date Analyzed: 07/07/99

TCL HITS

2,3,7,8-TCDD

WITHIN WARNING LIMITS

0.810

TCL MISSES

None

TCL CONTAMINANTS

None

TIC HITS

None

TIC MISSES

None

TIC CONTAMINANTS

None

SPIKED INTERFERENTS (concentrations not evaluated)

None

*QAT*

DIOXINS/FURANS  
Method 8280

PES SAMPLE NUMBER: SFJ966  
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA  
Lab Code: QUANT Case No: NA  
Lab Sample ID: G9F260209018  
Lab File ID: NA

Contract: NA  
DAS No: NA SDG No: GP06  
Date Received: 06/29/99  
Date Analyzed: 07/13/99

TCL HITS

2,3,7,8-TCDD

WITHIN WARNING LIMITS

0.910

TCL MISSES

None

TCL CONTAMINANTS

None

TIC HITS

None

TIC MISSES

None

TIC CONTAMINANTS

None

SPIKED INTERFERENTS (concentrations not evaluated)

None

11/17

RAS ORGANIC  
Method 8082

PES SAMPLE NUMBER: TT00490  
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA  
Lab Code: QUANT Case No: NA  
Lab Sample ID: G9F290209019  
Lab File ID: NA

Contract: NA  
DAS No: NA SDG No: GPO6  
Date Received: 06/29/99  
Date Analyzed: 07/15/99

TCL HITS

AROCLOR-1248

WITHIN WARNING LIMITS 20000.000

TCL MISSES

None

TCL CONTAMINANTS

None

TIC HITS

None

TIC MISSES

None

TIC CONTAMINANTS

None

SPIKED INTERFERENTS (concentrations not evaluated)

None

*JLP*

DIOXINS/FURANS  
Method 8280

PES SAMPLE NUMBER: CWA287  
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA  
Lab Code: QUANT Case No: NA  
Lab Sample ID: G9F290198-07  
Lab File ID: NA

Contract: NA  
DAS No: NA SDG No: GP07  
Date Received: 06/29/99  
Date Analyzed: 07/13/99

TCL HITS

2,3,7,8-TCDD

WITHIN WARNING LIMITS

3.500

TCL MISSES

None

TCL CONTAMINANTS

None

TIC HITS

None

TIC MISSES

None

TIC CONTAMINANTS

None

SPIKED INTERFERENTS (concentrations not evaluated)

None

1997

RAS ORGANIC  
Method 8082

PES SAMPLE NUMBER: TT03825  
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA  
Lab Code: QUANT Case No: NA  
Lab Sample ID: G9F290198024  
Lab File ID: NA

Contract: NA  
DAS No: NA SDG No: GP07  
Date Received: 06/29/99  
Date Analyzed: 07/02/99

TCL HITS

AROCLOR-1260

WITHIN WARNING LIMITS

330.000

TCL MISSES

None

TCL CONTAMINANTS

None

TIC HITS

None

TIC MISSES

None

TIC CONTAMINANTS

None

SPIKED INTERFERENTS (concentrations not evaluated)

None

7470

RAS INORGANIC  
Method 6010B

PES SAMPLE NUMBER: ICC00075  
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA  
Lab Code: QUANT Case No: NA  
Lab Sample ID: G9F290198019  
Lab File ID: NA

Contract: NA  
DAS No: NA SDG No: GP07  
Date Received: 06/29/99  
Date Analyzed: 07/01/99

TCL HITS

ALUMINUM	WARNING HIGH	1650.000	
ARSENIC	WITHIN WARNING LIMITS	19.800	B
CALCIUM	WARNING LOW	27400.000	
CHROMIUM	WITHIN WARNING LIMITS	279.000	
COPPER	WITHIN WARNING LIMITS	847.000	
IRON	WITHIN WARNING LIMITS	2500.000	
LEAD	WARNING LOW	571.000	
MAGNESIUM	WITHIN WARNING LIMITS	11300.000	
MANGANESE	WITHIN WARNING LIMITS	2560.000	
POTASSIUM	WITHIN WARNING LIMITS	839.000	
VANADIUM	ACTION LOW	79.800	
ZINC	WITHIN WARNING LIMITS	3090.000	
CADMIUM	WITHIN WARNING LIMITS	0.570	

TCL MISSES

None

TCL CONTAMINANTS

SILVER	0.120
BARIUM	19.700
BERYLLIUM	0.110
COBALT	3.500
SODIUM	63.000
NICKEL	3.700
ANTIMONY	0.790

TIC HITS

None

TIC MISSES

None

TIC CONTAMINANTS

None

SPIKED INTERFERENTS (concentrations not evaluated)

MERCURY



SPR	LOC	SAVANT	SM	CONC	UNIT	CONC	UNIT	CONC	UNIT	CONC	UNIT	CONC	UNIT	CONC	UNIT	CONC	UNIT
GP07	PE	LOT354	8081A	0	Heptachlor	120		ug/kg	17	120	65	189	150	OK			
GP07	PE	LOT354	8081A	0	Heptachlor epoxide	250		ug/kg	17	250	135	422	343	OK			
GP07	PE	LOT354	8081A	0	Methoxychlor	150	J	ug/kg	170	150	59.4	251	193	OK			
GP07	PE	LOT354	8081A	0	Toxaphene	ND		ug/kg	670					OK			
GP07	PE	LOT354	8260B	0	1,1,1,2-Tetrachloroethane	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,1,1-Trichloroethane	47		ug/kg	5.0	47	32.6	53.8	42.7	OK			
GP07	PE	LOT354	8260B	0	1,1,2,2-Tetrachloroethane	82		ug/kg	5.0	82	78.5	147	111	OK			
GP07	PE	LOT354	8260B	0	1,1,2-Trichloroethane	24		ug/kg	5.0	24	22.7	34.6	27.7	OK			
GP07	PE	LOT354	8260B	0	1,1-Dichloroethane	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,1-Dichloroethene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,1-Dichloropropene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,2,3-Trichlorobenzene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,2,3-Trichloropropane	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,2,4-Trichlorobenzene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,2,4-Trimethylbenzene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,2-Dibromo-3-chloropropane	ND		ug/kg	10					OK			
GP07	PE	LOT354	8260B	0	1,2-Dibromoethane	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,2-Dichlorobenzene	38		ug/kg	5.0	38	30.6	49.9	39.3	OK			
GP07	PE	LOT354	8260B	0	1,2-Dichloroethane	49		ug/kg	5.0	49	37.7	61.1	48.2	OK			
GP07	PE	LOT354	8260B	0	1,2-Dichloropropane	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,3,5-Trimethylbenzene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,3-Dichlorobenzene	21		ug/kg	5.0	21	16	26.4	20.8	OK			
GP07	PE	LOT354	8260B	0	1,3-Dichloropropane	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	1,4-Dichlorobenzene	24		ug/kg	5.0	24	17.8	30.2	23.1	OK			
GP07	PE	LOT354	8260B	0	2,2-Dichloropropane	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	2-Chlorotoluene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	4-Chlorotoluene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	Benzene	17		ug/kg	5.0	17	11.9	19	15.2	OK			
GP07	PE	LOT354	8260B	0	Bromobenzene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	Bromochloromethane	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	Bromodichloromethane	44		ug/kg	5.0	44	31	48.7	39	OK			
GP07	PE	LOT354	8260B	0	Bromoform	25		ug/kg	5.0	25	22.2	38	28.7	OK			
GP07	PE	LOT354	8260B	0	Bromomethane	ND		ug/kg	10					OK			
GP07	PE	LOT354	8260B	0	Carbon tetrachloride	55		ug/kg	5.0	55	35.1	60.9	47	OK			
GP07	PE	LOT354	8260B	0	Chlorobenzene	30		ug/kg	5.0	30	24.8	37.5	30.4	OK			
GP07	PE	LOT354	8260B	0	Chloroethane	ND		ug/kg	10					OK			
GP07	PE	LOT354	8260B	0	Chloroform	52		ug/kg	5.0	52	35.9	58.3	46.4	OK			
GP07	PE	LOT354	8260B	0	Chloromethane	ND		ug/kg	10					OK			
GP07	PE	LOT354	8260B	0	cis-1,2-Dichloroethene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	cis-1,3-Dichloropropene	ND		ug/kg	5.0					OK			
GP07	PE	LOT354	8260B	0	Dibromochloromethane	57		ug/kg	5.0	57	48.9	80.4	63	OK			
GP07	PE	LOT354	8260B	0	Dibromomethane	ND		ug/kg	5.0					OK			

GP07	PE	LOT354	8260B	0	Dichlorodifluoromethane	ND	ug/kg	10					OK
GP07	PE	LOT354	8260B	0	Ethylbenzene	16	ug/kg	5.0	16	13	20.6	16.2	OK
GP07	PE	LOT354	8260B	0	Hexachlorobutadiene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	Isopropylbenzene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	m-Xylene & p-Xylene	50	ug/kg	5.0	50	39.1	62.1	48.5	OK
GP07	PE	LOT354	8260B	0	Methylene chloride	40	ug/kg	5.0	40	24.3	48.6	36.9	OK
GP07	PE	LOT354	8260B	0	n-Butylbenzene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	n-Propylbenzene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	Naphthalene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	o-Xylene	36	ug/kg	5.0	36	29.2	46.4	36.3	OK
GP07	PE	LOT354	8260B	0	p-Isopropyltoluene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	sec-Butylbenzene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	Styrene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	tert-Butylbenzene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	Tetrachloroethene	45	ug/kg	5.0	45	33.6	57	44.2	OK
GP07	PE	LOT354	8260B	0	Toluene	21	ug/kg	5.0	21	17	26	21.2	OK
GP07	PE	LOT354	8260B	0	trans-1,2-Dichloroethene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	trans-1,3-Dichloropropene	ND	ug/kg	5.0					OK
GP07	PE	LOT354	8260B	0	Trichloroethene	32	ug/kg	5.0	32	16.8	28.3	22.9	HIGH
GP07	PE	LOT354	8260B	0	Trichlorofluoromethane	ND	ug/kg	10					OK
GP07	PE	LOT354	8260B	0	Vinyl chloride	ND	ug/kg	10					OK
GP07	PE	LOT354	8270C	0	1,2,4-Trichlorobenzene	4700	ug/kg	330	4700	1330	10700	10200	OK
GP07	PE	LOT354	8270C	0	1,2-Dichlorobenzene	2900	ug/kg	330	2900	1370	7250	6900	OK
GP07	PE	LOT354	8270C	0	1,3-Dichlorobenzene	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	1,4-Dichlorobenzene	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	2,4,5-Trichlorophenol	3200	ug/kg	330	3200	878	5280	4960	OK
GP07	PE	LOT354	8270C	0	2,4,6-Trichlorophenol	5100	ug/kg	330	5100	1620	10000	9520	OK
GP07	PE	LOT354	8270C	0	2,4-Dichlorophenol	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	2,4-Dimethylphenol	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	2,4-Dinitrophenol	ND	ug/kg	1600					OK
GP07	PE	LOT354	8270C	0	2,4-Dinitrotoluene	7700	ug/kg	330	7700	3160	11200	10700	OK
GP07	PE	LOT354	8270C	0	2,6-Dinitrotoluene	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	2-Chloronaphthalene	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	2-Chlorophenol	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	2-Methylnaphthalene	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	2-Methylphenol	4600	ug/kg	330	4600	330	9640	9180	OK
GP07	PE	LOT354	8270C	0	2-Nitroaniline	ND	ug/kg	1600					OK
GP07	PE	LOT354	8270C	0	2-Nitrophenol	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	3,3'-Dichlorobenzidine	ND	ug/kg	1600					OK
GP07	PE	LOT354	8270C	0	3-Methylphenol & 4-Methylphenol	ND	ug/kg	330					OK
GP07	PE	LOT354	8270C	0	3-Nitroaniline	ND	ug/kg	1600					OK
GP07	PE	LOT354	8270C	0	4,6-Dinitro-2-methylphenol	ND	ug/kg	1600					OK

GP07	PE	LOT354	8270C	0	4-Bromophenyl phenyl ether	4000		ug/kg	330	4000	2930	8600	7230	OK
GP07	PE	LOT354	8270C	0	4-Chloro-3-methylphenol	6800		ug/kg	330	6800	3680	12600	12000	OK
GP07	PE	LOT354	8270C	0	4-Chloroaniline	1600		ug/kg	330	1600				HIGH
GP07	PE	LOT354	8270C	0	4-Chlorophenyl phenyl ether	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	4-Nitroaniline	ND		ug/kg	1600					OK
GP07	PE	LOT354	8270C	0	4-Nitrophenol	300	J	ug/kg	1600	300				HIGH
GP07	PE	LOT354	8270C	0	Acenaphthene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Acenaphthylene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Anthracene	2600		ug/kg	330	2600	802	4660	4440	OK
GP07	PE	LOT354	8270C	0	Benzo(a)anthracene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Benzo(a)pyrene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Benzo(b)fluoranthene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Benzo(ghi)perylene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Benzo(k)fluoranthene	3600		ug/kg	330	3600	2170	5800	5170	OK
GP07	PE	LOT354	8270C	0	Benzoic acid	ND		ug/kg	1600					OK
GP07	PE	LOT354	8270C	0	Benzyl alcohol	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	bis(2-Chloroethoxy)methane	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	bis(2-Chloroethyl) ether	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	bis(2-Chloroisopropyl) ether	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	bis(2-Ethylhexyl) phthalate	3500		ug/kg	330	3500	1540	4670	3790	OK
GP07	PE	LOT354	8270C	0	Butyl benzyl phthalate	3600		ug/kg	330	3800	1960	4990	4210	OK
GP07	PE	LOT354	8270C	0	Carbazole	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Chrysene	1200		ug/kg	330	1200	674	1840	1660	OK
GP07	PE	LOT354	8270C	0	Di-n-butyl phthalate	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Di-n-octyl phthalate	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Dibenz(a,h)anthracene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Dibenzofuran	3400		ug/kg	330	3400	1960	6030	5660	OK
GP07	PE	LOT354	8270C	0	Diethyl phthalate	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Dimethyl phthalate	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Fluoranthene	6100		ug/kg	330	6100	3750	12800	11500	OK
GP07	PE	LOT354	8270C	0	Fluorene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Hexachlorobenzene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Hexachlorobutadiene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Hexachlorocyclopentadiene	ND		ug/kg	1600					OK
GP07	PE	LOT354	8270C	0	Hexachloroethane	1100		ug/kg	330	1100	1110	5510	4720	LOW
GP07	PE	LOT354	8270C	0	Indeno(1,2,3-cd)pyrene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Isophorone	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	N-Nitrosodi-n-propylamine	4000		ug/kg	330	4000	1610	6070	5650	OK
GP07	PE	LOT354	8270C	0	N-Nitrosodiphenylamine	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Naphthalene	4600		ug/kg	330	4600	1440	10300	9770	OK
GP07	PE	LOT354	8270C	0	Nitrobenzene	ND		ug/kg	330					OK
GP07	PE	LOT354	8270C	0	Pentachlorophenol	4700		ug/kg	1600	4700	1970	10600	9770	OK

GP07	PE	LOT354	8270C	0	Phenanthrene	4300		ug/kg	330	4300	2390	6570	6150	OK	
GP07	PE	LOT354	8270C	0	Phenol	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Pyrene	5300		ug/kg	330	5300	2130	7320	6580	OK	
GP07	PE	LOTGF803	8151A	0	2,4,5-T	12000		ug/kg	2000	12000	0	62900	25746	OK	
GP07	PE	LOTGF803	8151A	0	2,4,5-TP (Silvex)	16000		ug/kg	2000	16000	0	90580	41334	OK	
GP07	PE	LOTGF803	8151A	0	2,4-D	25000	Q	ug/kg	8000	25000	20085	69201	44643	OK	
GP07	PE	LOTGF803	8151A	0	2,4-DB	ND		ug/kg	8000					NA	
GP07	PE	LOTGF803	8151A	0	Dalapon	15000		ug/kg	4000	15000				NA	
GP07	PE	LOTGF803	8151A	0	Dicamba	34000		ug/kg	4000	34000				NA	
GP07	PE	LOTGF803	8151A	0	Dichlorprop	23000		ug/kg	8000	23000				NA	
GP07	PE	LOTGF803	8151A	0	Dinoseb	ND		ug/kg	1200					NA	
GP07	PE	LOTGF803	8151A	0	MCPA	ND		ug/kg	800000					NA	
GP07	PE	LOTGF803	8151A	0	MCPP	ND		ug/kg	800000					NA	
GP07	PE	TT03825	8082	1	Aroclor 1016	ND		ug/kg	33		-----EPA scored-----				
GP07	PE	TT03825	8082	2	Aroclor 1221	ND		ug/kg	33		-----EPA scored-----				
GP07	PE	TT03825	8082	3	Aroclor 1232	ND		ug/kg	33		-----EPA scored-----				
GP07	PE	TT03825	8082	4	Aroclor 1242	ND		ug/kg	33		-----EPA scored-----				
GP07	PE	TT03825	8082	5	Aroclor 1248	ND		ug/kg	33		-----EPA scored-----				
GP07	PE	TT03825	8082	6	Aroclor 1254	ND		ug/kg	33		-----EPA scored-----				
GP07	PE	TT03825	8082	7	Aroclor 1260	330		ug/kg	33	330	-----EPA scored-----				