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INORGANIC EVALUATION REPORT FOR PES

ICC01060

EPA/CLP No.: NA

Report date: 09/08/1999
Method: SW846 6010B
Lab name: Quanterra
Labcode: QUANTER Case: NA DAS No.: NA
Matrix: SOIL QC Report No.: NA
Level: (low/med):
%Solids: NA

Contract: NA
SDG: GP17
Lab Sample ID: G8G200174-02
Date sample received: 07/21/1999

Color Before: NA Clarity Before: NA Texture: NA
Color After: NA Clarity After: NA Artifacts: NA

Comments:

Concentration Units: mg/Kg

PES Analytes Reported

CAS No.	Analyte Name	Concentration	Evaluation	C	Q	M
7429-90-5	Aluminum	2060	Within Warning Limits			
7440-38-2	Arsenic	2.4	Within Warning Limits	B		
7440-43-9	Cadmium	1.1	Within Warning Limits			
7440-70-2	Calcium	38100	Within Warning Limits			
7440-47-3	Chromium	6.4	Within Warning Limits			
7440-50-8	Copper	5.0	Within Warning Limits			
7439-89-6	Iron	8610	Within Warning Limits			
7439-92-1	Lead	4.2	Within Warning Limits	B		
7439-95-4	Magnesium	14400	Within Warning Limits			
7439-96-5	Manganese	306	Within Warning Limits			
7440-09-7	Potassium	1110	Within Warning Limits			
7440-22-4	Silver	26.8	Within Warning Limits			
7440-28-0	Thallium	13.3	Within Warning Limits	B		
7440-66-6	Zinc	269	Within Warning Limits			

Other Analytes Reported

CAS No	Analyte Name	Concentration	Evaluation	C	Q	M
	Molybdenum		Non-spiked Analyte	ND		

PES Analytes Not Evaluated

CAS No	Analyte Name	Concentration	Evaluation	C	Q	M
7440-36-0	Antimony		Not Evaluated	ND		
7440-39-3	Barium	15.3	Not Evaluated	B		
7440-41-7	Beryllium	0.14	Not Evaluated	B		
7440-48-4	Cobalt	0.72	Not Evaluated	B		
7439-97-6	Mercury	0.029	Not Evaluated	B		
7440-02-0	Nickel	3.7	Not Evaluated	B		
7782-49-2	Selenium		Not Evaluated	ND		
7440-23-5	Sodium	68.0	Not Evaluated	B		
7440-62-2	Vanadium	4.2	Not Evaluated	B		

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP17	PE	NDV917	8280	1	2,3,7,8-TCDD	0.070	J	ng/g	--	0.07	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Aluminum	2060		mg/kg	20.0	2060	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Antimony	ND		mg/kg	6.0		-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Arsenic	2.4	B	mg/kg	30.0	2.4	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Barium	15.3	B	mg/kg	20.0	15.3	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Beryllium	0.14	B	mg/kg	0.50	0.14	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Cadmium	1.1		mg/kg	0.50	1.1	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Calcium	38100		mg/kg	500	38100	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Chromium	6.4		mg/kg	1.0	6.4	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Cobalt	0.72	B	mg/kg	5.0	0.72	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Copper	5.0		mg/kg	2.5	5	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Iron	8610		mg/kg	10.0	8610	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Lead	4.2	B	mg/kg	10.0	4.2	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Magnesium	14400		mg/kg	500	14400	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Manganese	306		mg/kg	1.5	306	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Molybdenum	ND		mg/kg	4.0		-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Nickel	3.7	B	mg/kg	4.0	3.7	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Potassium	1110		mg/kg	500	1110	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Selenium	ND		mg/kg	25.0		-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Silver	26.8		mg/kg	1.0	26.8	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Sodium	66.0	B	mg/kg	500	66	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Thallium	13.3	B	mg/kg	200	13.3	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Vanadium	4.2	B	mg/kg	5.0	4.2	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Zinc	269		mg/kg	2.0	269	-------EPA scored--------				
GP17	PE	LOT239-A	9012A	0	Cyanide, Total	33.7	Q	mg/kg	5.0	33.7	18.7	49.7	34.2	OK	
GP17	PE	LOT355-X	8081A	0	4,4'-DDD	130		ug/kg	8.5	130	80.5	228	186	OK	
GP17	PE	LOT355-X	8081A	0	4,4'-DDE	200		ug/kg	8.5	200	100	253	205	OK	
GP17	PE	LOT355-X	8081A	0	4,4'-DDT	90		ug/kg	8.5	90	42	172	141	OK	
GP17	PE	LOT355-X	8081A	0	Aldrin	170		ug/kg	8.5	170	81.3	255	200	OK	
GP17	PE	LOT355-X	8081A	0	alpha-BHC	230		ug/kg	8.5	230	142	528	461	OK	
GP17	PE	LOT355-X	8081A	0	beta-BHC	240		ug/kg	8.5	240	94.2	399	321	OK	
GP17	PE	LOT355-X	8081A	0	delta-BHC	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	Chlordane (technical)	ND		ug/kg	85	0	198.5	561	459	LOW	PE is alpha and gamma
GP17	PE	LOT355-X	8081A	0	Dieldrin	100		ug/kg	8.5	100	51.5	154	127	OK	
GP17	PE	LOT355-X	8081A	0	Endosulfan I	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	Endosulfan II	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	Endosulfan sulfate	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	Endrin	180		ug/kg	8.5	180	94.9	242	196	OK	
GP17	PE	LOT355-X	8081A	0	Endrin aldehyde	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	gamma-BHC (Lindane)	130		ug/kg	8.5	130	96.6	406	313	OK	
GP17	PE	LOT355-X	8081A	0	Heptachlor	140		ug/kg	8.5	140	77.6	225	179	OK	

SDG	QC	SAMPLE NO	Test	Spl	Compound	Result	Qualifiers	Units	DQL Limit	Result #2	LRAL	HRAL	MCV	Scored	Problem
GP17	PE	LOT355-X	8081A	0	Heptachlor epoxide	210		ug/kg	8.5	210	100	312	254	OK	
GP17	PE	LOT355-X	8081A	0	Methoxychlor	39		ug/kg	16	39	40.3	171	131	LOW	
GP17	PE	LOT355-X	8081A	0	Toxaphene	ND		ug/kg	340					OK	
GP17	PE	LOT355-X	8260B	0	1,1,1,2-Tetrachloroethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,1,1-Trichloroethane	1000		ug/kg	250	1000	931	1540	1220	OK	
GP17	PE	LOT355-X	8260B	0	1,1,2,2-Tetrachloroethane	3400		ug/kg	250	3400	2120	3950	3000	OK	
GP17	PE	LOT355-X	8260B	0	1,1,2-Trichloroethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,1-Dichloroethane	3300		ug/kg	250	3300	2860	4530	3480	OK	
GP17	PE	LOT355-X	8260B	0	1,1-Dichloroethene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,1-Dichloropropene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2,3-Trichlorobenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2,3-Trichloropropane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2,4-Trichlorobenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2,4-Trimethylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dichlorobenzene	4800		ug/kg	250	4800	3930	6410	5050	OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dichloroethane	4400		ug/kg	250	4400	3950	6400	5050	OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dichloropropane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,3,5-Trimethylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,3-Dichlorobenzene	1400		ug/kg	250	1400	1090	1800	1420	OK	
GP17	PE	LOT355-X	8260B	0	1,3-Dichloropropane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,4-Dichlorobenzene	2100		ug/kg	250	2100	1670	2840	2170	OK	
GP17	PE	LOT355-X	8260B	0	2,2-Dichloropropane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	2-Chlorotoluene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	4-Chlorotoluene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Benzene	1900		ug/kg	250	1900	1540	2450	1960	OK	
GP17	PE	LOT355-X	8260B	0	Bromobenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Bromochloromethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Bromodichloromethane	2100		ug/kg	250	2100	1810	2840	2280	OK	
GP17	PE	LOT355-X	8260B	0	Bromoform	5700		ug/kg	250	5700	4870	8330	6300	OK	
GP17	PE	LOT355-X	8260B	0	Bromomethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Carbon tetrachloride	3300		ug/kg	250	3300	2990	5180	4000	OK	
GP17	PE	LOT355-X	8260B	0	Chlorobenzene	4700		ug/kg	250	4700	3670	5540	4500	OK	
GP17	PE	LOT355-X	8260B	0	Chloroethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Chloroform	2100		ug/kg	250	2100	1800	2930	2330	OK	
GP17	PE	LOT355-X	8260B	0	Chloromethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	cis-1,2-Dichloroethene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	cis-1,3-Dichloropropene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Dibromochloromethane	2600		ug/kg	250	2600	2250	3700	2900	OK	
GP17	PE	LOT355-X	8260B	0	Dibromomethane	98	J	ug/kg	250	98				HIGH	
GP17	PE	LOT355-X	8260B	0	Ethylbenzene	3200		ug/kg	250	3200	2450	3900	3060	OK	
GP17	PE	LOT355-X	8260B	0	Hexachlorobutadiene	ND		ug/kg	250					OK	

Site	Loc	Sample No	Method	Sort	Compound	Result	Qualifier	Units	Reporting Limit	Spike Amount	MS Recovery	MSD Recovery	MS/MSD RPD	Control	Comments
GP17	PE	LOT355-X	8260B	0	Isopropylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	m-Xylene & p-Xylene	4500		ug/kg	250	4500	3550	5640	4410	OK	
GP17	PE	LOT355-X	8260B	0	Methylene chloride	2000		ug/kg	500	2000	1300	2600	1970	OK	
GP17	PE	LOT355-X	8260B	0	n-Butylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	n-Propylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Naphthalene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	o-Xylene	1500		ug/kg	250	1500	1120	1780	1400	OK	
GP17	PE	LOT355-X	8260B	0	p-Isopropyltoluene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	sec-Butylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Styrene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	tert-Butylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Tetrachloroethene	3000		ug/kg	250	3000	2160	3670	2840	OK	
GP17	PE	LOT355-X	8260B	0	Toluene	8400		ug/kg	250	8400	6740	10300	8400	OK	
GP17	PE	LOT355-X	8260B	0	trans-1,2-Dichloroethene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	trans-1,3-Dichloropropene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Trichloroethene	4800		ug/kg	250	4800	4030	6790	5500	OK	
GP17	PE	LOT355-X	8260B	0	Vinyl chloride	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dibromo-3-chloropropane (DB	ND		ug/kg	500					OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dibromoethane (EDB)	ND		ug/kg	500					OK	
GP17	PE	LOT355-X	8260B	0	Dichlorodifluoromethane (Freon 12	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Trichlorofluoromethane (Freon 11)	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8270C	0	1,2,4-Trichlorobenzene	5700		ug/kg	660	5700	1510	12200	11600	OK	
GP17	PE	LOT355-X	8270C	0	1,2-Dichlorobenzene	6000		ug/kg	660	6000	3750	12500	11900	OK	
GP17	PE	LOT355-X	8270C	0	1,3-Dichlorobenzene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	1,4-Dichlorobenzene	4600		ug/kg	660	4600	2970	10610	10100	OK	
GP17	PE	LOT355-X	8270C	0	2,4,5-Trichlorophenol	2200		ug/kg	660	2200	687	4130	3880	OK	
GP17	PE	LOT355-X	8270C	0	2,4,6-Trichlorophenol	5200		ug/kg	660	5200	1740	10700	10200	OK	
GP17	PE	LOT355-X	8270C	0	2,4-Dichlorophenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	2,4-Dimethylphenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	2,4-Dinitrophenol	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	2,4-Dinitrotoluene	8300		ug/kg	660	8300	3690	13100	12500	OK	
GP17	PE	LOT355-X	8270C	0	2,6-Dinitrotoluene	4100		ug/kg	660	4100	2770	6340	6040	OK	
GP17	PE	LOT355-X	8270C	0	2-Chloronaphthalene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	2-Chlorophenol	3900		ug/kg	660	3900	2020	8160	7770	OK	
GP17	PE	LOT355-X	8270C	0	2-Methylnaphthalene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	2-Methylphenol	4200		ug/kg	660	4200	990	9260	8820	OK	
GP17	PE	LOT355-X	8270C	0	2-Nitroaniline	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	2-Nitrophenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	3,3'-Dichlorobenzidine	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	3-Methylphenol & 4-Methylphenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	3-Nitroaniline	ND		ug/kg	3200					OK	

Station	Loc	Sample No.	Method	Spl	Compound	Results	Qualifiers	Units	Detection	Results	RPD	RPD	CV	Score	Comments
GP17	PE	LOT355-X	8270C	0	4,6-Dinitro-2-methylphenol	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	4-Bromophenyl phenyl ether	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	4-Chloro-3-methylphenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	4-Chloroaniline	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	4-Chlorophenyl phenyl ether	4200		ug/kg	660	4200	2520	7070	6170	OK	
GP17	PE	LOT355-X	8270C	0	4-Nitroaniline	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	4-Nitrophenol	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	Acenaphthene	4100		ug/kg	660	4100	1820	6780	6280	OK	
GP17	PE	LOT355-X	8270C	0	Acenaphthylene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Anthracene	570	J	ug/kg	660	570	179	1040	990	OK	
GP17	PE	LOT355-X	8270C	0	Benzo(a)anthracene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Benzo(a)pyrene	3600		ug/kg	660	3600	1160	6150	5860	OK	
GP17	PE	LOT355-X	8270C	0	Benzo(b)fluoranthene	4500		ug/kg	660	4500	1430	6740	6240	OK	
GP17	PE	LOT355-X	8270C	0	Benzo(ghi)perylene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Benzo(k)fluoranthene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Benzoic acid	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	Benzyl alcohol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	bis(2-Chloroethoxy)methane	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	bis(2-Chloroethyl) ether	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	bis(2-Chloroisopropyl) ether	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	bis(2-Ethylhexyl) phthalate	4400		ug/kg	660	4400	2170	6570	5330	OK	
GP17	PE	LOT355-X	8270C	0	Butyl benzyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Carbazole	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Chrysene	840		ug/kg	660	840	467	1280	1150	OK	
GP17	PE	LOT355-X	8270C	0	Di-n-butyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Di-n-octyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Dibenz(a,h)anthracene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Dibenzofuran	2900		ug/kg	660	2900	1580	4890	4570	OK	
GP17	PE	LOT355-X	8270C	0	Diethyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Dimethyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Fluoranthene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Fluorene	1900		ug/kg	660	1900	882	2860	2720	OK	
GP17	PE	LOT355-X	8270C	0	Hexachlorobenzene	1800		ug/kg	660	1800	851	3550	2670	OK	
GP17	PE	LOT355-X	8270C	0	Hexachlorobutadiene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Hexachlorocyclopentadiene	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	Hexachloroethane	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Indeno(1,2,3-cd)pyrene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Isophorone	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	N-Nitrosodi-n-propylamine	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	N-Nitrosodiphenylamine	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Naphthalene	2700		ug/kg	660	2700	671	4780	4550	OK	

[illegible]	[illegible]	SAMPLING	[illegible]	SAB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP17	PE	LOT355-X	8270C	0	Nitrobenzene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Pentachlorophenol	4100		ug/kg	3200	4100	1940	9570	8800	OK	
GP17	PE	LOT355-X	8270C	0	Phenanthrene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Phenol	900		ug/kg	660	900	264	1670	1520	OK	
GP17	PE	LOT355-X	8270C	0	Pyrene	4700		ug/kg	660	4700	2150	7390	6640	OK	
GP17	PE	LOTGF803-4	8151A	0	2,4,5-T	10000		ug/kg	4000	10000	0	62900	25746	OK	
GP17	PE	LOTGF803-4	8151A	0	2,4,5-TP (Silvex)	16000		ug/kg	4000	16000	0	90580	41334	OK	
GP17	PE	LOTGF803-4	8151A	0	2,4-D	34000		ug/kg	16000	34000	20085	69201	44643	OK	
GP17	PE	LOTGF803-4	8151A	0	2,4-DB	22000		ug/kg	16000	22000				NA	
GP17	PE	LOTGF803-4	8151A	0	Dalapon	61000		ug/kg	8000	61000				NA	
GP17	PE	LOTGF803-4	8151A	0	Dicamba	54000		ug/kg	8000	54000				NA	
GP17	PE	LOTGF803-4	8151A	0	Dichlorprop	28000		ug/kg	16000	28000				NA	
GP17	PE	LOTGF803-4	8151A	0	Dinoseb	ND		ug/kg	2400					NA	
GP17	PE	LOTGF803-4	8151A	0	MCPA	ND		ug/kg	1600000					NA	
GP17	PE	LOTGF803-4	8151A	0	MCPP	6000000		ug/kg	1600000	6000000				NA	
GP17	PE	TT05556	8082	1	Aroclor 1016	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	2	Aroclor 1221	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	3	Aroclor 1232	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	4	Aroclor 1242	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	5	Aroclor 1248	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	6	Aroclor 1254	27000		ug/kg	1600	27000	-------EPA scored--------				
GP17	PE	TT05556	8082	7	Aroclor 1260	ND		ug/kg	1600		-------EPA scored--------				

DIOXIN/FURAN

EVALUATION REPORT FOR PES

RJO275

EPA/CLP No.

NA

Report date: 08/30/1999
Method: SW846 8280
Lab name: QUANTERRA
Labcode: QUANTER Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: NA (g/ml) NA
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: GP18
Lab Sample ID: g9g220227-01
Lab File ID: NA
Date sample received: 07/22/1999
Date Extracted: 08/09/1999
Date analyzed: 08/12/1999
Dilution Factor: 1

Comments:

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
1746-01-6	2,3,7,8-TCDD	~~0.016~~	~~Within Limits~~	ND

8/30/99

8/30/99

09/07/99 15:14 US EPA → 915084359641 NO.030 D05

PESTICIDE

EVALUATION REPORT FOR PES
TT01448

EPA/CLP No.

na

Report date: 08/30/1999
Method: SW846 8082
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.:na
Sample wt/vol: na (g/mL)
%Moisture na Decanted:(Y/N)
Extraction: Cont
Concentrated Extract Volume: (uL)
Injection Volume: NA (uL)
GPC Cleanup: (Y/N) N pH:

Contract: na
SDG: GP18
Lab Sample ID: g9g220227-01
Lab File ID: na
Date sample received: 07/22/1999
Date Extracted: / /
Date analyzed: 08/10/1999
Dilution Factor: 1
Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
1097-69-1	Aroclor-1254	240	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

07/99 15:14 US EPA → 9150843596 41 NO.030 P03

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: IUH446
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G220189018
Lab File ID: 072299

Contract: NA
DAS No: NA SDG No: GP19
Date Received: 07/22/99
Date Analyzed: 08/11/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.520

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

EVALUATION REPORT FOR PES
TT05583

Report date: 08/25/1999
Method: SW846 8082
Lab name: QUANTERRA
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.
SDG: GP19
Lab Sample ID:
Lab File ID:
Date sample received: 07/22/1999
Date Extracted: 07/23/1999
Date analyzed. 08/13/1999
Dilution Factor: 500
Sulfur Cleanup

Comments:
Lot-Sample # G9G220189-019 Work Order # D0DG4101 Prep Batch #: 9204212

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	49000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

09/07/99 15:14 US EPA → 915084359641 NO.030 D04

PESTICIDE
EVALUATION REPORT FOR PES
TT05687

EPA/CLP No.
NA

Report date: 09/02/1999
Method SW 846 8082
Lab name: QUANTERRA
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:
SDG: GP20
Lab Sample ID:
Lab File ID:
Date sample received: 07/23/1999
Date Extracted: 08/04/1999
Date analyzed: 08/19/1999
Dilution Factor: 50
Sulfur Cleanup

Comments:
Lot-Sample #: G9G230243-018 Work Order #: D0FLK103
Prep Batch #: 9216201 Date Sampled: 07/21/99

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	7400	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

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PESTICIDE

EVALUATION REPORT FOR PES

TT00357

EPA/CLP No.

na

Report date: 07/19/1999
Method: SW846 8082
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: na (g/mL) na
%Moisture na Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: na (uL)
Injection Volume: na (uL)
GPC Cleanup: (Y/N) pH:

Contract: na
SDG: HA02
Lab Sample ID: g9f250192001
Lab File ID: na
Date sample received: 06/25/1999
Date Extracted: 06/28/1999
Date analyzed: 07/06/1999
Dilution Factor: 100
Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported					Q
11096-82-5	Aroclor-1260		100000	Within Warning Limits	
n= 25	Action Low= 16000	Warning Low= 39000	Warning High=160000	Action High=190000	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

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EPA/CLP No.

na

DIOXIN/FURAN

EVALUATION REPORT FOR PES
BWE185

Report date: 07/19/1999
Method: sw846 8280
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: na (g/ml) na
Water Sample Prep.:
Concentrated Extract Volume: na (uL)
Injection Volume: na (uL) %Solids
GC Column: na ID na (mm)

Contract: na
SDG: HA02
Lab Sample ID: g9f250192-00
Lab File ID: na
Date sample received: 06/25/1999
Date Extracted: 06/27/1999
Date analyzed: 06/30/1999
Dilution Factor: 1

Comments:
only analyte analyzed for

Concentration Units: ug/Kg

PES Compounds Reported					Q
1746-01-6	2,3,7,8-TCDD		2.9	Within Warning Limits	
n= 18	Action Low= 1.7	Warning Low= 2.1	Warning High=4.5	Action High=4.9	

PES Compounds Missed				
CAS No	Compound Name	Concentration	Evaluation	Q
41903-57-5	TOTAL-TCDD		PES Compound Missed	

07/26/99 13:35 NO.018 D03

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: DY0823
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F260183017
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA03
Date Received: 06/26/99
Date Analyzed: 07/09/99

TCL HITS
2,3,7,8-TCDD ~~ACTION LOW~~ 7/22/99 0.000 ND

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

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