UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

RESUBMITTED DATA REVIEW REPORT

DATE :	October 17, 1996	CASE #:	9607G425
		SAS # :	
TO :	L. Biasco	SDG # :	07G425
	(6SF-RA)	LAB :	Weston
FROM :	Maria Missler /	SITE :	Delta Shipyard
	Gene Zhu		
	(LMSG)	TDF # :	6-7013R
	ESAT - Region 6	ESAT #:	O-1747

EFFECTS OF RESUBMITTED INFORMATION ON THE ORIGINAL DATA:

Laboratory response to Region 6 FAX request: (received 10/3/96)

A. VOA

1. Samples B01-51-1, B01-52-1, P06-71-1, P05-71-1, P05-72-1, P04-71-1, P03-71-1, P01-71-1, and P02-71-1: The laboratory clarified that these samples were indeed analyzed at medium level although the Forms I did not indicate so. Since the reported results are correct for the medium level analysis, no further action is necessary.

2. The laboratory re-evaluated results for sample B01-52-1 and determined the presence of xylene. Please replace pages 11-13, 51-58, 87, and 90 with the resubmitted ones and insert pages 90A, 90B, and 90C.

3. The laboratory re-evaluated results for samples B01-51-2, B02-51-2, and B02-51-3 and determined the presence of 2-butanone. Please replace pages 14-16, 20-25, 103, 106, 117, 120, 123, and 126 with the resubmitted ones and insert pages 107A, 121A, and 127A into the data package.

Please verify that page numbers on the resubmitted data are correct before using them. The reviewer did not have the original data package to conduct this verification.

B. BNA

1. The laboratory response does not affect the original data assessment.

964843

RESUBMITTED DATA REVIEW REPORT

Case: 9607G425 SDG: 07G425 Site: Delta Shipyard Lab: Weston

C. PEST

1. Samples B01-52-1, P06-71-1, P05-71-1, P05-72-1, P04-71-1, P03-71-1, P01-71-1, and P02-71-1: The laboratory stated that the extracts for these samples were diluted prior to GPC cleanup, and no further dilution was performed before analysis. However, the laboratory did not report the dilution factors on the result forms to justify the reported quantitation limits.

2. Resolution summary, page 150: The laboratory indicated that the "*" flag does not signify a failed resolution. No further action is requested.

3. Samples B01-51-1, P06-71-1, P05-71-1, P05-72-1, P04-71-1, P03-71-1, and P01-71-1: The analyst used professional judgement to reject the identification of the analytes in question. However, in the reviewer's opinion, the peaks met identification criteria and should have been reported. The original data assessment for these analytes remains unchanged.

4. Sample P04-71-1: The laboratory corrected and resubmitted results for DDE. Please replace pages 103, 108, and 183 with the resubmitted ones.

A revised Data Summary Table with all changes in results highlighted is attached.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

R Unusable.

^ High biased. Actual concentration may be lower than the concentration reported.

v Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

B This result may be high biased because of laboratory/field contamination. The reported concentration is above 5X or 10X the concentration reported in the method/field blank.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

ORGANIC DATA SUMMARY

Case No 9607G425 SDG 07G425 Reviewer Maria Missler / Gene Zhu

Laboratory WESTON Matrix SOIL Units ug/Kg

VOLATILES	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG
EPA SAMPLE NUMBER	B01-51-1	B01-52-1	B01-51-2	B02-51-1	B02-51-2	B02-51-3	P06-71-1
Chloromethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Bromomethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Vinyl chloride	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Chloroethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Methylene chloride	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Acetone	2300 U	2200 U	150	270	200	120	2400 U
Carbon disulfide	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
1,1-Dichloroethene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
1,1-Dichloroethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
1,2-Dichloroethene (total)	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Chloroform	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
1,2-Dichloroethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
2-Butanone	2300 U	2200 U	29	55	34	27	2400 U
1,1,1-Trichloroethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Carbon tetrachloride	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Bromodichloromethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
1,2-Dichloropropane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
cis-1,3-Dichloropropene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Trichloroethene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Dibromochloromethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
1,1,2-Trichloroethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Benzene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
trans-1,3-Dichloropropene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Bromoform	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
4-Methyl-2-pentanone	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
2-Hexanone	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Tetrachloroethene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
1,1,2,2-Tetrachloroethane	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Toluene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Chlorobenzene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Ethylbenzene	2300 U	2200 U	25 U	19 U	20 U	24 U	1300 J
Styrene	2300 U	2200 U	25 U	19 U	20 U	24 U	2400 U
Xylenes (total)	2300 U	1900 J	25 U	19 U	20 U	24 U	13000
Sample wt (g)	5	5	5	5	5	5	5
%Moisture	46	44	60	48	49	59	49
Dilution Factor	125	125	1	1	1	1	125
Level	LOW	LOW	LOW	LOW	LOW	LOW	LOW
Number of TIC's	10	10	0	1	0	1	10

Note For the results listed in the Data Summary Table, ESAT has replaced the laboratory assigned flags with ESAT Organic Data Qualifiers The ESAT flags indicate the technical usability of the reported results

ORGANIC DATA SUMMARY

Case No 9607G425 SDG 07G425 Reviewer Maria Missler / Gene Zhu

Laboratory WESTON Matrix SOIL Units ug/Kg

VOLATILES	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG
EPA SAMPLE NUMBER	P05-71-1	P05-72-1	P04-71-1	P03-71-1	P01-71-1	P02-71-1	
Chloromethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Bromomethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Vinyl chloride	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Chloroethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Methylene chloride	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Acetone	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Carbon disulfide	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
1,1-Dichloroethene	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
1,1-Dichloroethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
1,2-Dichloroethene (total)	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Chloroform	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
1,2-Dichloroethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
2-Butanone	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
1,1,1-Trichloroethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Carbon tetrachloride	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Bromodichloromethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
1,2-Dichloropropane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
cis-1,3-Dichloropropene	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Trichloroethene	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Dibromochloromethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
1,1,2-Trichloroethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Benzene	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
trans-1,3-Dichloropropene	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Bromoform	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
4-Methyl-2-pentanone	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
2-Hexanone	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Tetrachloroethene	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
1,1,2,2-Tetrachloroethane	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Toluene	6400	7400	1700 U	3800	2300 U	2100 U	
Chlorobenzene	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Ethylbenzene	8600	9000	660 J	4500	8700	3500	
Styrene	2300 U	2100 U	1700 U	2100 U	2300 U	2100 U	
Xylenes (total)	56000	59000	2000	28000	27000	23000	
Sample wt (g)	5	5	5	5	5	5	
%Moisture	47	42	26	42	45	40	
Dilution Factor	125	125	125	125	125	125	
Level	LOW	LOW	LOW	LOW	LOW	LOW	
Number of TIC's	10	10	10	10	10	10	

Note For the results listed in the Data Summary Table, ESAT has replaced the laboratory assigned flags with ESAT Organic Data Qualifiers The ESAT flags indicate the technical usability of the reported results

ORGANIC DATA SUMMARY

Case No 9607G425 SDG 07G425 Reviewer Maria Missler / Gene Zhu

Laboratory WESTON Matrix SOIL Units ug/Kg

SEMIVOLATILES	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG
EPA SAMPLE NUMBER	B01-51-1	B01-52-1	B01-51-2	B02-51-1	B02-51-2	B02-51-3	P06-71-1
Phenol	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
bis(2-Chloroethyl)ether	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
2-Chlorophenol	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
1,3-Dichlorobenzene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
1,4-Dichlorobenzene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
1,2-Dichlorobenzene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
2-Methylphenol	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
2,2'-Oxybis(1-chloropropane)	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
4-Methylphenol	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
N-Nitroso-di-n-propylamine	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Hexachloroethane	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Nitrobenzene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Isophorone	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
2-Nitrophenol	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
2,4-Dimethylphenol	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
bis(2-Chloroethoxy)methane	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
2,4-Dichlorophenol	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
1,2,4-Trichlorobenzene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Naphthalene	2400 J	30000 U	820 U	630 U	650 U	790 U	90000 J
4-Chloroaniline	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Hexachlorobutadiene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
4-Chloro-3-methylphenol	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
2-Methylnaphthalene	11000	5700 J	240 J	630 U	650 U	790 U	300000 J
Hexachlorocyclopentadiene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
2,4,6-Trichlorophenol	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
2,4,5-Trichlorophenol	7600 UJv	74000 U	2000 U	1600 U	1600 U	2000 U	780000 U
2-Chloronaphthalene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
2-Nitroaniline	7600 UJv	74000 U	2000 U	1600 U	1600 U	2000 U	780000 U
Dimethylphthalate	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
Acenaphthylene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
2,6-Dinitrotoluene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
3-Nitroaniline	7600 UJv	74000 U	2000 U	1600 U	1600 U	2000 U	780000 U
Acenaphthene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
2,4-Dinitrophenol	7600 UJv	74000 U	2000 U	1600 U	1600 U	2000 U	780000 U
4-Nitrophenol	7600 UJv	74000 U	2000 U	1600 U	1600 U	2000 U	780000 U
Dibenzofuran	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
2,4-Dinitrotoluene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
Diethylphthalate	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
4-Chlorophenyl-phenylether	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
Fluorene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
4-Nitroaniline	7600 UJv	74000 U	2000 U	1600 U	1600 U	2000 U	780000 U
4,6-Dinitro-2-methylphenol	7600 UJv	74000 U	2000 U	1600 U	1600 U	2000 U	780000 U
N-Nitrosodiphenylamine	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
4-Bromophenyl-phenylether	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
Hexachlorobenzene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
Pentachlorophenol	7600 UJv	74000 U	2000 U	1600 U	1600 U	2000 U	780000 U
Phenanthrene	5700 J	6600 J	93 J	630 U	650 U	790 U	53000 J
Anthracene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U

ORGANIC DATA SUMMARY

Case No	9607G425	SDG	07G425	Reviewer	Maria Missler / Gene Zhu
Laboratory	WESTON	Matrix	SOIL	Units	ug/Kg

SEMIVOLATILES	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG
EPA SAMPLE NUMBER	B01-51-1	B01-52-1	B01-51-2	B02-51-1	B02-51-2	B02-51-3	P06-71-1
Carbazole	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
Di-n-butylphthalate	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
Fluoranthene	3000 UJv	30000 U	820 U	630 U	650 U	790 U	310000 U
Pyrene	1700 J	30000 U	820 U	630 U	650 U	790 U	310000 U
Butylbenzylphthalate	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
3,3'-Dichlorobenzidine	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Benzo(a)anthracene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Chrysene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
bis(2-Ethylhexyl)phthalate	800 J	30000 U	820 U	630 U	650 U	790 U	310000 U
Di-n-octylphthalate	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Benzo(b)fluoranthene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Benzo(k)fluoranthene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Benzo(a)pyrene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Indeno(1,2,3-cd)pyrene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Dibenz(a,h)anthracene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Benzo(g,h,i)perylene	3000 U	30000 U	820 U	630 U	650 U	790 U	310000 U
Sample wt (g)	30 1	30 4	31	30 5	30 3	30 6	31 6
%Moisture	46	44	60	48	49	59	49
Dilution Factor	5	50	1	1	1	1	500
Level	LOW	LOW	LOW	LOW	LOW	LOW	LOW
Number of TIC's	20	20	20	20	20	20	20

Note For the results listed in the Data Summary Table, ESAT has replaced the laboratory assigned flags with ESAT Organic Data Qualifiers The ESAT flags indicate the technical usability of the reported results

ORGANIC DATA SUMMARY

Case No 9607G425 SDG 07G425 Reviewer Maria Missler / Gene Zhu

Laboratory WESTON Matrix SOIL Units ug/Kg

SEMIVOLATILES	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG
EPA SAMPLE NUMBER	P05-71-1	P05-72-1	P04-71-1	P03-71-1	P01-71-1	P02-71-1	P02-71-1RE
Phenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
bis(2-Chloroethyl)ether	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2-Chlorophenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
1,3-Dichlorobenzene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
1,4-Dichlorobenzene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
1,2-Dichlorobenzene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2-Methylphenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2,2'-Oxybis(1-chloropropane)	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
4-Methylphenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
N-Nitroso-di-n-propylamine	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Hexachloroethane	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Nitrobenzene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Isophorone	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2-Nitrophenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2,4-Dimethylphenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
bis(2-Chloroethoxy)methane	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2,4-Dichlorophenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
1,2,4-Trichlorobenzene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Naphthalene	130000	160000	48000 J	160000	130000	160000	170000 *
4-Chloroaniline	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Hexachlorobutadiene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
4-Chloro-3-methylphenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2-Methylnaphthalene	410000	470000	130000	470000	390000	460000	480000 *
Hexachlorocyclopentadiene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2,4,6-Trichlorophenol	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2,4,5-Trichlorophenol	310000 U	270000 U	220000 U	280000 U	300000 U	280000 U	280000 U *
2-Chloronaphthalene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2-Nitroaniline	310000 U	270000 U	220000 U	280000 U	300000 U	280000 U	280000 U *
Dimethylphthalate	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Acenaphthylene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
2,6-Dinitrotoluene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
3-Nitroaniline	310000 U	270000 U	220000 U	280000 U	300000 U	280000 U	280000 U *
Acenaphthene	120000 U	110000 U	90000 U	21000 J	18000 J	21000 J	21000 *
2,4-Dinitrophenol	310000 U	270000 U	220000 U	280000 U	300000 U	280000 U	280000 U *
4-Nitrophenol	310000 U	270000 U	220000 U	280000 U	300000 U	280000 U	280000 U *
Dibenzofuran	120000 U	110000 U	90000 U	25000 J	22000 J	22000 J	23000 *
2,4-Dinitrotoluene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Diethylphthalate	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
4-Chlorophenyl-phenylether	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Fluorene	26000 J	110000 U	90000 U	46000 J	38000 J	40000 J	41000 *
4-Nitroaniline	310000 U	270000 U	220000 U	280000 U	300000 U	280000 U	280000 U *
4,6-Dinitro-2-methylphenol	310000 U	270000 U	220000 U	280000 U	300000 U	280000 U	280000 U *
N-Nitrosodiphenylamine	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
4-Bromophenyl-phenylether	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Hexachlorobenzene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Pentachlorophenol	310000 U	270000 U	220000 U	280000 U	300000 U	280000 U	280000 U *
Phenanthrene	61000 J	79000 J	90000 U	110000 J	91000 J	100000 J	99000 *
Anthracene	120000 U	110000 U	90000 U	22000 J	22000 J	110000 U	110000 U *

ORGANIC DATA SUMMARY

Case No 9607G425 SDG 07G425 Reviewer Maria Missler / Gene Zhu

Laboratory WESTON Matrix SOIL Units ug/Kg

SEMIVOLATILES	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG	FLAG
EPA SAMPLE NUMBER	P05-71-1	P05-72-1	P04-71-1	P03-71-1	P01-71-1	P02-71-1	P02-71-1RE
Carbazole	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Di-n-butylphthalate	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Fluoranthene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Pyrene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Butylbenzylphthalate	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
3,3'-Dichlorobenzidine	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Benzo(a)anthracene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Chrysene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
bis(2-Ethylhexyl)phthalate	120000 U	110000 U	90000 U	110000 U	120000 U	110000 U	110000 U *
Di-n-octylphthalate	120000 U	110000 U	90000 U	110000 U	120000 U	110000 UJv	110000 U *
Benzo(b)fluoranthene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 UJv	110000 U *
Benzo(k)fluoranthene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 UJv	110000 U *
Benzo(a)pyrene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 UJv	110000 U *
Indeno(1,2,3-cd)pyrene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 UJv	110000 U *
Dibenz(a,h)anthracene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 UJv	110000 U *
Benzo(g,h,i)perylene	120000 U	110000 U	90000 U	110000 U	120000 U	110000 UJv	110000 U *
Sample wt (g)	30 4	31 5	30 2	30 2	30 6	30 5	30 5
%Moisture	47	42	26	42	45	40	40
Dilution Factor	200	200	200	200	200	200	200
Level	LOW	LOW	LOW	LOW	LOW	LOW	LOW
Number of TIC's	20	20	20	20	20	20	20

Note For the results listed in the Data Summary Table, ESAT has replaced the laboratory assigned flags with ESAT Organic Data Qualifiers The ESAT flags indicate the technical usability of the reported results

ORGANIC DATA SUMMARY

Case No 9607G425 SDG 07G425 Reviewer Maria Missler / Gene Zhu

Laboratory WESTON Matrix SOIL Units ug/Kg

PESTICIDES/PCBs		FLAG		FLAG		FLAG		FLAG		FLAG		FLAG		FLAG
EPA SAMPLE NUMBER	B01-51-1		B01-52-1		B01-51-2		B02-51-1		B02-51-2		B02-51-3		P06-71-1	
alpha-BHC	3 0	U	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	U
beta-BHC	3 0	U	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	U
delta-BHC	3 0	U	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	U
gamma-BHC (lindane)	3 0	UJv	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	U
Heptachlor	3 0	U	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	U
Aldrin	3 0	U	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	U
Heptachlor epoxide	12	J	19	J	4 2	U	3 1	U	3 3	U	3 9	U	78	J
Endosulfan I	3 0	U	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	U
Dieldrin	6 0	U	15	U	8 4	U	6 2	U	6 6	U	7 8	U	65	U
4,4'-DDE	6 0	U	15	U	8 4	U	6 2	U	6 6	U	7 8	U	65	U
Endrin	6 0	U	15	U	8 4	U	6 2	U	6 6	U	7 8	U	65	U
Endosulfan II	34	T	49	T	8 4	U	6 2	U	6 6	U	7 8	U	65	U
4,4'-DDD	6 0	U	15	U	8 4	U	6 2	U	6 6	U	7 8	U	65	U
Endosulfan sulfate	6 0	UJv	15	U	8 4	U	6 2	U	6 6	U	7 8	U	65	U
4,4'-DDT	6 0	U	10	J	16		6 2	U	6 6	U	4 7	J	65	U
Methoxychlor	30	U	74	U	42	U	31	U	33	U	39	U	330	U
Endrin ketone	6 0	U	15	U	8 4	U	6 2	U	6 6	U	7 8	U	65	UJv
Endrin aldehyde	6 0	UJv	15	U	8 4	U	6 2	U	6 6	U	7 8	U	65	UJv
alpha-Chlordane	3 0	U	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	U
gamma-Chlordane	3 0	U	7 4	U	4 2	U	3 1	U	3 3	U	3 9	U	33	UJv
Toxaphene	300	U	740	U	420	U	310	U	330	U	390	U	3300	U
Aroclor-1016	60	U	150	U	84	U	62	U	66	U	78	U	650	U
Aroclor-1221	120	U	300	U	170	U	120	U	130	U	160	U	1300	U
Aroclor-1232	60	U	150	U	84	U	62	U	66	U	78	U	650	U
Aroclor-1242	60	U	150	U	84	U	62	U	66	U	78	U	650	U
Aroclor-1248	60	U	150	U	84	U	62	U	66	U	78	U	650	U
Aroclor-1254	60	U	150	U	84	U	62	U	66	U	78	U	650	U
Aroclor-1260	60	U	150	U	84	U	62	U	66	U	78	U	650	U
Sample wt (g)	30 7		30 2		30 1		30 9		30		30 9		30	
%Moisture	46		45		61		48		49		59		49	
Dilution Factor	1		1		1		1		1		1		1	

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ORGANIC DATA SUMMARY

Case No 9607G425 SDG 07G425 Reviewer Maria Missler / Gene Zhu

Laboratory WESTON Matrix SOIL Units ug/Kg

PESTICIDES/PCBs		FLAG		FLAG		FLAG		FLAG		FLAG		FLAG
EPA SAMPLE NUMBER	P05-71-1		P05-72-1		P04-71-1		P03-71-1		P01-71-1		P02-71-1	
alpha-BHC	31	U	28	U	22	U	28	U	30	UJv	27	U
beta-BHC	31	U	28	U	22	U	28	U	30	U	27	U
delta-BHC	31	U	28	U	22	U	28	U	30	U	27	U
gamma-BHC (lindane)	31	U	28	U	22	U	28	U	30	U	27	U
Heptachlor	31	U	28	U	22	U	28	U	30	U	27	U
Aldrin	31	U	28	UJv	22	UJv	28	UJv	30	U	27	U
Heptachlor epoxide	31	U	28	U	22	U	89	J	110	J	49	J
Endosulfan I	31	U	28	U	22	U	28	U	30	U	27	U
Dieldrin	62	U	56	U	44	U	56	U	60	U	55	U
4,4'-DDE	62	U	56	U	93	T	56	U	60	U	55	U
Endrin	62	U	56	U	44	U	56	U	60	U	55	U
Endosulfan II	62	U	56	U	44	U	89	T	66	TJ	88	T
4,4'-DDD	62	U	56	U	44	UJv	56	U	60	U	55	U
Endosulfan sulfate	62	U	56	UJv	44	UJv	56	U	60	U	55	U
4,4'-DDT	62	U	56	U	44	U	56	U	60	U	55	U
Methoxychlor	310	U	280	U	220	UJv	280	U	300	U	270	U
Endrin ketone	62	UJv	56	UJv	44	UJv	56	U	60	U	55	U
Endrin aldehyde	62	UJv	56	UJv	44	U	56	U	60	U	55	U
alpha-Chlordane	31	U	28	U	22	UJv	28	U	30	U	27	U
gamma-Chlordane	31	U	28	U	22	UJv	28	U	30	U	27	U
Toxaphene	3100	U	2800	U	2200	U	2800	U	3000	U	2700	U
Aroclor-1016	620	U	560	U	440	U	560	U	600	U	550	U
Aroclor-1221	1200	U	1100	U	880	U	1100	U	1200	U	1100	U
Aroclor-1232	620	U	560	U	440	U	560	U	600	U	550	U
Aroclor-1242	620	U	560	U	440	U	560	U	600	U	550	U
Aroclor-1248	620	U	560	U	440	U	560	U	600	U	550	U
Aroclor-1254	620	U	560	U	440	U	560	U	600	U	550	U
Aroclor-1260	620	U	560	U	440	U	560	U	600	U	550	U
Sample wt (g)	30 2		30 7		30 7		30 8		30 6		30 7	
%Moisture	47		42		26		42		45		41	
Dilution Factor	1		1		1		1		1		1	

Note For the results listed in the Data Summary Table, ESAT has replaced the laboratory assigned flags with ESAT Organic Data Qualifiers The ESAT flags indicate the technical usability of the reported results