ecology and environment, inc.
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International Specialists in the Environment

US EPA RECORDS CENTER REGION 5
482387

CRL Receipt Date _____ FIT Receipt Date 2/21/89 Review Completed 2/21/89

TO: Skennie
FROM: Mary Gzyra
SUBJECT: Titanium Metals
PAN: OH0803SA (1 hour charged for review) Case # 11111

Sample Description

Organics (VOA, ABN, Pest/PCB)		Inorganics (Metals, Cyanide)	
# ✓	Low Soil	# _____	Low Soil
_____	Low Water	_____	Low Water
_____	Drinking Water	_____	Drinking Water
_____	Other	_____	Other

Project Data Status _____ Completed!!

_____ Incomplete, awaiting _____

FIT Data Review Findings:

Sample # ECW13 - 5V
Missing data

Check Data Sheets for Transcription Errors

_____ Compounds were detected in sample(s); see enclosed sheet.

Book No. _____ Page No. _____ Date Sampled _____

0759:2

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recycled paper

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ECW13

Lab Name: WRI Contract: 68-W8-0076

Lab Code: WRI Case No.: 11111 SAS No.: SDG No.: ECW05

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 30. (g/mL) G Lab File ID: 61E12

Level: (low/med) LOW Date Received: 12/14/88

% Moisture: not dec. 17. dec. 0. Date Extracted: 12/19/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 1/11/89

GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 1.11

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400.	U
111-44-4	bis(2-Chloroethyl)ether	400.	U
95-57-8	2-Chlorophenol	400.	U
541-73-1	1,3-Dichlorobenzene	400.	U
106-46-7	1,4-Dichlorobenzene	400.	U
100-51-6	Benzyl alcohol	400.	U
95-50-1	1,2-Dichlorobenzene	400.	U
95-48-7	2-Methylphenol	400.	U
108-60-1	bis(2-Chloroisopropyl)ether	400.	U
106-44-5	4-Methylphenol	400.	U
621-64-7	N-Nitroso-di-n-propylamine	400.	U
67-72-1	Hexachloroethane	400.	U
98-95-3	Nitrobenzene	400.	U
78-59-1	Isophorone	400.	U
88-75-5	2-Nitrophenol	400.	U
105-67-9	2,4-Dimethylphenol	400.	U
65-85-0	Benzoic acid	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U
120-83-2	2,4-Dichlorophenol	400.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U
91-20-3	Naphthalene	84.	~~BJ~~
106-47-8	4-Chloroaniline	400.	U
87-68-3	Hexachlorobutadiene	400.	U
59-50-7	4-Chloro-3-methylphenol	400.	U
91-57-6	2-Methylnaphthalene	400.	U
77-47-4	Hexachlorocyclopentadiene	400.	U
88-06-2	2,4,6-Trichlorophenol	400.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U
91-58-7	2-Chloronaphthalene	400.	U
88-74-4	2-Nitroaniline	2000.	U
131-11-3	Dimethylphthalate	400.	U
208-96-8	Acenaphthylene	400.	U
606-20-2	2,6-Dinitrotoluene	400.	U

2/21/89

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ECW13

Lab Name: WRI Contract: 68-W8-0076

Lab Code: WRI Case No.: 11111 SAS No.: SDG No.: ECW05

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 30. (g/mL) G Lab File ID: 61E12

Level: (low/med) LOW Date Received: 12/14/88

% Moisture: not dec. 17. dec. 0. Date Extracted: 12/19/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 1/11/89

GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 1.11

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000.	U
83-32-9	Acenaphthene	400.	U
51-28-5	2,4-Dinitrophenol	2000.	U
100-02-7	4-Nitrophenol	2000.	U
132-64-9	Dibenzofuran	400.	U
121-14-2	2,4-Dinitrotoluene	400.	U
84-66-2	Diethylphthalate	400.	U
7005-72-3	4-Chlorophenyl-phenylether	400.	U
86-73-7	Fluorene	400.	U
100-01-6	4-Nitroaniline	2000.	U
534-52-1	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6	N-Nitrosodiphenylamine	400.	U
101-55-3	4-Bromophenyl-phenylether	400.	U
118-74-1	Hexachlorobenzene	400.	U
87-86-5	Pentachlorophenol	2000.	U
85-01-8	Phenanthrene	400.	U
120-12-7	Anthracene	400.	U
84-74-2	Di-n-butylphthalate	400.	U
206-44-0	Fluoranthene	400.	U
129-00-0	Pyrene	400.	U
85-68-7	Butylbenzylphthalate	400.	U
91-94-1	3,3'-Dichlorobenzidine	800.	U
56-55-3	Benzo(a)anthracene	400.	U
218-01-9	Chrysene	400.	U
117-81-7	Bis(2-Ethylhexyl)phthalate	82.	~~BJ~~ U 3/21/89
117-84-0	Di-n-octylphthalate	400.	U
205-99-2	Benzo(b)fluoranthene	400.	U
207-08-9	Benzo(k)fluoranthene	400.	U
50-32-8	Benzo(a)pyrene	400.	U
193-39-5	Indeno(1,2,3-cd)pyrene	400.	U
53-70-3	Dibenz(a,h)anthracene	400.	U
191-24-2	Benzo(g,h,i)perylene	400.	U

(1) - Cannot be separated from diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ECW13

Lab Name: WRI Contract: 68-W8-0076

Lab Code: WRI Case No.: 11111 SAS No.: SDG No.: ECW05

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 30. (g/mL) G Lab File ID: 61E12

Level: (low/med) LOW Date Received: 12/14/88

% Moisture: not dec. 17. dec. 0. Date Extracted: 12/19/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 1/11/89

GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 1.11

Number TICs found: 9

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- -	UNKNOWN	6.08	1000.	BJ
2.	- -	PROB ALDOL COND PROD	6.62	20000.	BJ A
3.	110-12-3	2-Hexanone, 5-methyl-	6.76	200.	J
4.	100-42-5	Styrene	7.36	1000.	BJ
5.	- -	UNKNOWN	7.82	200.	J
6.	- -	UNKNOWN	8.39	300.	BJ
7.	- -	UNKNOWN	9.23	200.	J
8.	629-97-0	Docosane	24.88	2000.	BJ
9.	- -	POSSIBLE ACID ESTER	27.27	300.	BJ
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