USEPA-SAMPLE MANAGEMENT OFFICE
PO BOX 818 ALEXANDRIA,VA 22313

RECEIVED SEP 21 1984

SAMPLE NO.
E8331

G-104 DOP

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME PEDCO ENV.
LAB SAMPLE ID NO DR960
SAMPLE MATRIX WATER
DATA RELEASE AUTHORIZED A9

CASE NO: 3140
QC REPORT NO.
CONTRACT NO. 68-01-6779
DATE SAMPLE RECEIVED 8/16/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION LOW
DATE EXTRACTED 8/16/84
DATE ANALYZED 9/11/84
PER CENT MOISTURE N/A
CONCENTRATION/DIL. FACTOR-----500

EPA Region 5 Records Ctr.
357891

001.28

PP#	CAS#		UG/L
(21A)	88-06-2	2,4,6-TRICHLOROPHENOL	10U
(22A)	59-50-7	P-CHLORO-M-CRESOL	10U
(24A)	95-57-8	2-CHLOROPHENOL	10U
(31A)	120-83-2	2,4-DICHLOROPHENOL	10U
(34A)	105-67-9	2,4-DIMETHYLPHENOL	10U
(57A)	88-75-5	2-NITROPHENOL	20U
(58A)	100-02-7	4-NITROPHENOL	50U
(59A)	51-28-5	2,4-DINITROPHENOL	50U
(60A)	534-52-1	4,6-DINITRO-O-CRESOL	20U
(64A)	87-86-5	PENTACHLOROPHENOL	10U
(65A)	108-95-2	PHENOL	10U
	65-85-0	BENZOIC ACID	100U
	95-48-7	2-METHYLPHENOL	5U
	108-39-4	4-METHYLPHENOL	5U
	95-95-4	2,4,5-TRICHLOROPHENOL	100U
(1B)	83-32-9	ACENAPTHENE	10U
(5B)	92-87-5	BENZIDINE	40U
(8B)	120-82-1	1,2,4-TRICHLOROBENZENE	10U
(9B)	118-74-1	HEXACHLOROBENZENE	10U
(12B)	67-72-1	HEXACHLOROETHANE	10U
(18B)	111-44-4	BIS(2-CHLOROETHYL)ETHER	10U
(20B)	91-58-7	2-CHLORONAPTHALENE	10U
(25B)	95-50-1	1,2-DICHLOROBENZENE	10U
(26B)	541-73-1	1,3-DICHLOROBENZENE	10U
(27B)	106-46-7	1,4-DICHLOROBENZENE	10U
(28B)	91-94-1	3,3'-DICHLOROBENZIDINE	20U
(35B)	121-14-2	2,4-DINITROTOLUENE	20U
(36B)	606-20-2	2,6-DINITROTOLUENE	20U
(37B)	122-66-7	1,2-DIPHENYLHYDRAZINE	20U
(39B)	206-44-0	FLUORANTHENE	10U
(40B)	7005-72-3	4-CHLOROPHENYLPHENYLETHER	10U
(41B)	101-55-3	4-BROMPHENYLPHENYLETHER	10U
(42B)	39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	20U
(43B)	111-91-1	BIS(2-CHLOROETHOXY)METHANE	20U

PP#	CAS#		UG/L
(52B)	87-68-3	HEXACHLOROBUTADIENE	10U
(53B)	77-47-4	HEXACHLOROCYCLOPENTADIENE	10U
(54B)	78-59-1	ISOPHORONE	10U
(55B)	91-20-3	NAPTHALENE	10U
(56B)	98-95-3	NITROBENZENE	10U
(62B)	86-30-6	N-NITROSODIPHENYLAMINE	10U
(63B)	621-64-7	N-NITROSODIPROPYLAMINE	10U
(66B)	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10U
(67B)	85-68-7	BENZYLBUTYL PHTHALATE	10U
(68B)	84-74-2	DI-N-BUTYL PHTHALATE	10U
(69B)	117-84-0	DI-N-OCTYL PHTHALATE	10U
(70B)	84-66-2	DIETHYL PHTHALATE	10U
(71B)	131-11-3	DIMETHYL PHTHALATE	10U
(72B)	56-55-3	BENZO(A)ANTHRACENE	10U
(73B)	50-32-8	BENZO(A)PYRENE	20U
(74B)	205-99-2	BENZO(B)FLUORANTHENE AND/	20U
(75B)	207-08-9	BENZO(K)FLUORANTHENE OR	20U
(76B)	218-01-9	CHRYSENE	20U
(77B)	208-96-8	ACENAPTHYLENE	10U
(78B)	120-12-7	ANTHRACENE	10U
(79B)	191-24-2	BENZO(GHI)PERYLENE	20U
(80B)	86-73-7	FLUORENE	10U
(81B)	85-01-8	PHENANTHRENE	10U
(82B)	53-70-3	DIBENZO(AH)ANTHRACENE	20U
(83B)	193-39-5	INDENO(123-CD)PYRENE	20U
(84B)	129-00-0	PYRENE	10U
	62-53-3	ANILINE	5U
	100-51-6	BENZYL ALCOHOL	20U
	106-47-8	4-CHLOROANILINE	50U
	132-64-9	DIBENZOFURAN	10U
	91-57-6	2-METHYLNAPTHALENE	20U
	88-74-4	2-NITROANILINE	100U
	99-09-2	3-NITROANILINE	100U
	100-01-6	4-NITROANILINE	100U

ORGANICS ANALYSIS DATA SHEET - Page 3

EF331

Laboratory Name: PEDCO ENVIRONMENTAL Case No: 3140 G 109 WP

QC Report No:

Q. Tentatively Identified Compounds

00139

CAS #	Compound Name	Fraction	Est. RT or Retention Time	Q Minimum Score Analysis Mass Matching Routine: Specify: (Units)	Estimated Concentration (ug/L or ug/kg)
1.		VIA			
2.					
3.	Acid	BNA	930		100
4.	"		1197		30
5.	"		1856		50
6.	UNKNOWN		1305		100
7.	"		1556		10
8.	"		1818		20
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USEPA-SAMPLE MANAGEMENT OFFICE
PO BOX 818 ALEXANDRIA,VA 22313

84MSC7R12

SAMPLE NO.
E8332

RECEIVED SEP 21 1984

BLK

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME PEDCO ENV.
LAB SAMPLE ID NO DR961
SAMPLE MATRIX WATER
DATA RELEASE AUTHORIZED A9

CASE NO: 3140
QC REPORT NO.
CONTRACT NO. 68-01-6779
DATE SAMPLE RECEIVED 8/16/84

VOLATILES

CONCENTRATION LOW
DATE PREPARED 8/17/84
DATE ANALYZED 8/17/84
PER CENT MOISTURE N/A
CONCENTRATION/DIL. FACTOR-----5ML

PP#	CAS#		UG/L
(2V)	107-02-8	ACROLEIN	100U
(3V)	107-13-1	ACRYLONITRILE	100U
(4V)	71-43-2	BENZENE	5U
(6V)	56-23-2	CARBON TETRACHLORIDE	5U
(7V)	108-90-7	CLOROBENZENE	5U
(10V)	107-06-2	1,2-DICHLOROETHANE	5U
(11V)	71-55-6	1,1,1-TRICHLOROETHANE	5U
(13V)	75-34-3	1,1-DICHLOROETHANE	5U
(14V)	79-00-5	1,1,2-TRICHLOROETHANE	5U
(15V)	79-34-5	1,1,2,2-TETRACHLOROETHANE	10U
(16V)	75-00-3	CHLOROETHANE	10U
(19V)	110-75-8	2-CHLOROETHYLVINYLETHER	10U
(23V)	67-66-3	CHLOROFORM	5U
(29V)	75-35-4	1,1-DICHLOROETHENE	5U
(30V)	156-60-5	TRANS-1,2-DICHLOROETHENE	5U
(32V)	78-87-5	1,2-DICHLOROPROPANE	10U
(33V)	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5U
	10061-01-5	CIS-1,3-DICHLOROPROPENE	5U
(38V)	100-41-4	ETHYLBENZENE	5U
(44V)	75-09-2	METHYLENE CHLORIDE	5UC
(45V)	74-87-3	CHLOROMETHANE	10U
(46V)	74-83-9	BROMOMETHANE	10U
(47V)	75-25-2	BROMOFORM	10U
(48V)	75-27-4	BROMODICHLOROMETHANE	5U
(49V)	75-69-4	FLUOROTRICHLOROMETHANE	5U
(50V)	75-71-8	DICHLORODIFLUOROMETHANE	NA
(51V)	124-48-1	CHLORODIBROMOMETHANE	5U
(85V)	127-18-4	TETRACHLOROETHENE	5U
(86V)	108-88-3	TOLUENE	5U
(87V)	79-01-6	TRICHLOROETHENE	5U
(88V)	75-01-4	VINYL CHLORIDE	10U
	67-64-1	ACETONE	7.5
	78-93-3	2-BUTANONE	5U
	75-15-0	CARBON DISULFIDE	1U
	519-78-6	2-HEXANONE	5U
	108-10-1	4-METHYL-2-PENTANONE	5U
	100-42-5	STYRENE	5U
	108-05-4	VINYL ACETATE	5U
	1330-20-7	TOTAL XYLENES	5U

PESTICIDES

CONCENTRATION LOW
DATE EXTRACTED 8/16/84
DATE ANALYZED 9/5/84
PERCENT MOISTURE N/A
CONCENTRATION/DIL. FACTOR-----10

PP#	CAS#		UG/L
(89P)	309-00-2	ALDRIN	.005U
(90P)	60-57-1	DIELDRIN	.005U
(91P)	57-74-9	CHLORDANE	.05U
(92P)	50-29-3	4,4'DDT	.01U
(93P)	72-55-9	4,4'DDE	.005U
(94P)	72-54-8	4,4'DDD	.1U
(95P)	115-29-7	ALPHA-ENDOSULFAN	.005U
(96P)	115-29-7	BETA-ENDOSULFAN	.005U
(97P)	1031-07-8	ENDOSULFAN SULFATE	.01U
(98P)	72-20-8	ENDRIN	.005U
(99P)	7421-93-4	ENDRIN ALDEHYDE	.01U
(100P)	76-44-8	HEPTACHLOR	.005U
(101P)	1024-57-3	HEPTACHLOR EPOXIDE	.005U
(102P)	319-84-6	ALPHA-BHC	.005U
(103P)	319-85-7	BETA-BHC	.005U
(104P)	319-86-8	DELTA-BHC	.005U
(105P)	58-89-9	GAMMA-BHC (LINDANE)	.005U
106P	53469-21-9	PCB-1242	.05U
107P	11097-69-1	PCB-1254	.1U
108P	11104-28-2	PCB-1221	.1U
109P	11141-16-5	PCB-1232	.05U
110P	12672-29-6	PCB-1248	.1U
111P	11096-82-5	PCB-1260	.1U
112P	12674-11-2	PCB-1016	.2U
113P	8001-35-2	TOXAPHENE	.05U

068162

USEPA-SAMPLE MANAGEMENT OFFICE
PO BOX 818 ALEXANDRIA,VA 22313

RECEIVED SEP 21 1984

SAMPLE NO.
E8332

BLK

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME PEDCO ENV.
LAB SAMPLE ID NO DR961
SAMPLE MATRIX WATER
DATA RELEASE AUTHORIZED

CASE NO: 3140
QC REPORT NO.
CONTRACT NO. 68-01-6779
DATE SAMPLE RECEIVED 8/16/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION LOW
DATE EXTRACTED 8/16/84
DATE ANALYZED 9/11/84
PER CENT MOISTURE N/A
CONCENTRATION/DIL. FACTOR-----500

00163

PP#	CAS#		UG/L
(21A)	88-06-2	2,4,6-TRICHLOROPHENOL	10U
(22A)	59-50-7	P-CHLORO-M-CRESOL	10U
(24A)	95-57-8	2-CHLOROPHENOL	10U
(31A)	120-83-2	2,4-DICHLOROPHENOL	10U
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(65A)	108-95-2	PHENOL	10U
	65-85-0	BENZOIC ACID	100U
	95-48-7	2-METHYLPHENOL	5U
	108-39-4	4-METHYLPHENOL	5U
	95-95-4	2,4,5-TRICHLOROPHENOL	100U
(1B)	83-32-9	ACENAPTHENE	10U
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(8B)	120-82-1	1,2,4-TRICHLOROBENZENE	10U
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(28B)	91-94-1	3,3'-DICHLOROBENZIDINE	20U
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(39B)	206-44-0	FLUORANTHENE	10U
(40B)	7005-72-3	4-CHLOROPHENYLPHENYLETHER	10U
(41B)	101-55-3	4-BROMPHENYLPHENYLETHER	10U
(42B)	39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	20U
(43B)	111-91-1	BIS(2-CHLORETHOXY)METHANE	20U

PP#	CAS#		UG/L
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(53B)	77-47-4	HEXACHLOROCYCLOPENTADIENE	10U
(54B)	78-59-1	ISOPHORONE	10U
(55B)	91-20-3	NAPTHALENE	10U
(56B)	98-95-3	NITROBENZENE	10U
(62B)	86-30-6	N-NITROSODIPHENYLAMINE	10U
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(66B)	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10U
(67B)	85-68-7	BENZYLBUTYL PHTHALATE	10U
(68B)	84-74-2	DI-N-BUTYL PHTHALATE	10U
(69B)	117-84-0	DI-N-OCTYL PHTHALATE	10U
(70B)	84-66-2	DIETHYL PHTHALATE	10U
(71B)	131-11-3	DIMETHYL PHTHALATE	10U
(72B)	56-55-3	BENZO(A)ANTHRACENE	10U
(73B)	50-32-8	BENZO(A)PYRENE	20U
(74B)	205-99-2	BENZO(B)FLUORANTHENE AND/	20U
(75B)	207-08-9	BENZO(K)FLUORANTHENE OR	20U
(76B)	218-01-9	CHRYSENE	20U
(77B)	208-96-8	ACENAPTHYLENE	10U
(78B)	120-12-7	ANTHRACENE	10U
(79B)	191-24-2	BENZO(GHI)PERYLENE	20U
(80B)	86-73-7	FLUORENE	10U
(81B)	85-01-8	PHENANTHRENE	10U
(82B)	53-70-3	DIBENZO(AH)ANTHRACENE	20U
(83B)	193-39-5	INDENO(123-CD)PYRENE	20U
(84B)	129-00-0	PYRENE	10U
	62-53-3	ANILINE	5U
	100-51-6	BENZYL ALCOHOL	20U
	106-47-8	4-CHLOROANILINE	50U
	132-64-9	DIBENZOFURAN	10U
	91-57-6	2-METHYLNAPTHALENE	20U
	88-74-4	2-NITROANILINE	100U
	99-09-2	3-NITROANILINE	100U
	100-01-6	4-NITROANILINE	100U

GC/MS/MS/DS DATA SHEET - [illegible] 3

EF332

Laboratory Name: PEDCO ENVIRONMENTAL Case No: 3140 HLK

QC Report No:

B. Tentatively Identified Compounds

CAS #	Compound Name	Fraction	Est. RT or Retention Time	Q Minimum Score Attained (Min Matching Required: Specify: Purity)	Estimated Concentration (ug/l or ug/kg)
1.	NONE	VOA			
2.					
3.	UNKNOWN	BNA	1655		10
4.					
5.					
6.					
7.					
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6/82

ecology and environment, inc.
223 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60606, TEL. 312-663-9415
International Specialists in the Environmental Sciences

Date Received for Review: 10/3/84 Date Review Completed: 10/4/84

To: RON ST. JOHN

From: Cynthia Bachunas

Subject: LOVES PARK (ILLINOIS)
ROS-8303-01D

Sample Description: CASE 3140 - LOW WATER METALS AND CYANIDE

Project Data Status: COMPLETE

FIT Data Review Findings:

- FIELD BLANK ME 3270 CONTAINS 106 ppb IRON 5.8 ppb SELENIUM AND 39 ppb ZINC. PLEASE CONSIDER THIS WHEN REVIEWING YOUR SAMPLE DATA.
- SEE ATTACHED CRL REVIEW COMMENTS

Additional Comments:

recycled paper