U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7032

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Lab Sample ID No: 06 / 110080
Sample Matrix: WATER
Data Release Authorized By: Stan Hunger

Case No: 2907
QC Report No:
Contract No.: 68-01-6869
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: NA
DATE ANALYZED: 6/20/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: NA

PP #	CAS #		ug/l or ug/kg (circle one)	
(2V)	107-02-8	acrolein	100	U
(3V)	107-13-1	acrylonitrile	100	U
(4V)	71-43-2	benzene	5	U
(6V)	56-23-5	carbon tetrachloride	5	U
(7V)	108-90-7	chlorobenzene	5	U
(10V)	107-06-2	1,2-dichloroethane	1	U
(11V)	71-55-6	1,1,1-trichloroethane	5	U
(13V)	75-34-3	1,1-dichloroethane	5	U
(14V)	79-00-5	1,1,2-trichloroethane	5	U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	10	U
(16V)	75-00-3	chloroethane	10	U
(19V)	110-75-8	2-chloroethylvinyl ether	10	U
(23V)	67-66-3	chloroform	5	U
(29V)	75-35-4	1,1-dichloroethene	5	U
(30V)	156-60-5	trans-1,2-dichloroethene	5	U
(32V)	78-87-5	1,2-dichloropropane	10	U
(33V)	10061-02-6	trans-1,3-dichloropropene	5	U
	10061-01-05	cis-1,3-dichloropropene	5	U
(38V)	100-41-4	ethylbenzene	5	U
(44V)	75-09-2	methylene chloride 510		C
(45V)	74-87-3	chloromethane	10	U
(46V)	74-83-9	bromomethane	10	U
(47V)	75-25-2	bromoform	10	U
(48V)	75-27-4	bromodichloromethane	5	U
(49V)	75-69-4	fluorotrichloromethane	10	U
(50V)	75-71-8	dichlorodifluoromethane	10	U
(51V)	124-48-1	chlorodibromomethane	10	U
(85V)	127-18-4	tetrachloroethene	5	U
(86V)	108-88-3	toluene 820		
(87V)	79-01-6	trichloroethene	5	U
(88V)	75-01-4	vinyl chloride	10	U
	67-64-1	acetone 5850		
	78-93-3	2-butanone 310		
	75-15-0	carbondisulfide	1	U
	519-78-6	2-hexanone	5	U
	108-10-1	4-methyl-2-pentanone 261000		
	100-42-5	styrene	5	U
	108-05-4	vinyl acetate	5	U
	1330-20-7	total xylenes	5	U

PESTICIDES (BY GC)

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/15/84
DATE ANALYZED: 6/27/84 6/29/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1.0 L / 5 mL
6% (1:100) 75% (1:20)

PP #	CAS #			ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.5	U
(90P)	60-57-1	dieldrin	0.1	U
(91P)	57-74-9	chlordane	5.0	U
(92P)	50-29-3	4,4'-DDT	5.0	U
(93P)	72-55-9	4,4'-DDE	2.0	
(94P)	72-54-8	4,4'-DDD	1.0	U
(95P)	115-29-7	α-endosulfan	0.1	U
(96P)	115-29-7	β-endosulfan	0.1	U
(97P)	1031-07-8	endosulfan sulfate	0.1	U
(98P)	72-20-8	endrin	0.2	U
(99P)	7421-93-4	endrin aldehyde	0.1	U
(100P)	76-44-8	heptachlor	0.5	U
(101P)	1024-57-3	heptachlor epoxide	0.5	U
(102P)	319-84-6	α-BHC	0.5	U
(103P)	319-85-7	β-BHC	0.5	U
(104P)	319-86-8	δ-BHC	0.5	U
(105P)	58-89-9	γ-BHC (lindane)	0.5	U
(106P)	53469-21-9	PCB-1242	5.0	U
(107P)	11097-69-1	PCB-1254	10.	U
(108P)	11104-28-2	PCB-1221	10.	U
(109P)	11141-16-5	PCB-1232	10.	U
(110P)	12672-29-6	PCB-1248	10.	U
(111P)	11096-82-5	PCB-1260	20.	U
(112P)	12674-11-2	PCB-1016	5.0	U
(113P)	8001-35-2	toxaphene	50.	U

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	NA

December 1983

U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
K - Actual value, within the limitations of this method, is less than the value given.
CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7032

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Case No: 2707
Lab Sample ID No: 06 / 110080
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6869
Data Release Authorized By: Stan Hugan
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/16/84
DATE ANALYZED: 7/30/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)	
(21A)	88-06-2	2,4,6- trichlorophenol	10	U
(22A)	59-50-7	p-chloro-m-cresol	10	U
(24A)	95-57-8	2- chlorophenol	10	U
(31A)	120-83-2	2,4-dichlorophenol	10	U
(34A)	105-67-9	2,4-dimethylphenol	10	U
(57A)	88-75-5	2- nitrophenol	20	U
(58A)	100-02-7	4-nitrophenol	50	U
(59A)	51-28-5	2,4-dinitrophenol	50	U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20	U
(64A)	87-86-5	pentachlorophenol	10	U
(65A)	108-95-2	phenol	10	U
	65-85-0	benzoic acid	100	U
	95-48-7	2-methylphenol	5	U
	108-39-4	4-methylphenol	5	U
	95-95-4	2,4,5-trichlorophenol	100	U
(1B)	83-32-9	acenaphthene	10	U
(5B)	92-87-5	benzidine	40	U
(8B)	120-82-1	1,2,4-trichlorobenzene	10	U
(9B)	118-74-1	hexachlorobenzene	10	U
(12B)	67-72-1	hexachloroethane	10	U
(13B)	111-44-4	bis(2-chloroethyl)ether	10	U
(20B)	91-58-7	2-chloronaphthalene	10	U
(25B)	95-50-1	1,2-dichlorobenzene	10	U
(26B)	541-73-1	1,3-dichlorobenzene	10	U
(27B)	106-46-7	1,4-dichlorobenzene	10	U
(28B)	91-94-1	3,3'-dichlorobenzidine	10	U
(35B)	121-14-2	2,4-dinitrotoluene	20	U
(36B)	606-20-2	2,6-dinitrotoluene	20	U
(37B)	122-66-7	1,2-diphenylhydrazine	20	U
(39B)	206-44-0	fluoranthene	10	U
(40B)	7005-72-3	4-chlorophenyl phenyl ether	10	U
(41B)	101-55-3	4-bromophenyl phenyl ether	10	U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	20	U
(43B)	111-91-1	bis (2-chloroethoxy) methane	20	U

PP #	CAS #		ug/l or ug/kg (circle one)	
(52B)	87-68-3	hexachlorobutadiene	10	U
(53B)	77-47-4	hexachlorocyclopentadiene	10	U
(54B)	78-59-1	isophorone	10	U
(55B)	91-20-3	naphthalene	10	U
(56B)	98-95-3	nitrobenzene	10	U
(61B)	62-75-9	N-nitrosodimethylamine	10	U
(62B)	86-30-6	N-nitrosodiphenylamine	10	U
(63B)	621-64-7	N-nitrosodipropylamine	10	U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	10	U
(67B)	85-68-7	benzyl butyl phthalate	10	U
(68B)	84-74-2	di-n-butyl phthalate	10	U
(69B)	117-84-0	di-n-octyl phthalate	10	U
(70B)	84-66-2	diethyl phthalate	10	U
(71B)	131-11-3	dimethyl phthalate	10	U
(72B)	56-55-3	benzo(a)anthracene	10	U
(73B)	50-32-8	benzo(a)pyrene	20	U
(74B)	205-99-2	benzo(b)fluoranthene	20	U
(75B)	207-08-9	benzo(k)fluoranthene	20	U
(76B)	218-01-9	chrysene	20	U
(77B)	208-96-8	acenaphthylene	10	U
(78B)	120-12-7	anthracene	10	U
(79B)	191-24-2	benzo(ghi)perylene	20	U
(80B)	86-73-7	fluorene	10	U
(81B)	85-01-8	phenanthrene	10	U
(82B)	53-70-3	dibenzo(a,h)anthracene	20	U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	20	U
(84B)	129-00-0	pyrene	10	U
	62-53-3	aniline	5	U
	100-51-6	benzyl alcohol	20	U
	106-47-8	4-chloroaniline	50	U
	132-64-9	dibenzofuran	10	U
	91-57-6	2-methylnaphthalene	20	U
	88-74-4	2-nitroaniline	100	U
	99-09-2	3-nitroaniline	100	U
	100-01-6	4-nitroaniline	100	U

December 1983

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CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7033

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Lab Sample ID No: 06/110082
Sample Matrix: WATER
Data Release Authorized By: Stan Hayes

Case No: 2907
QC Report No:
Contract No.: 68-01-6869
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: NA
DATE ANALYZED: 6/20/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: NA

PP #	CAS #		(ug/l) or ug/kg (circle one)	
(2V)	107-02-8	acrolein	100	U
(3V)	107-13-1	acrylonitrile	100	U
(4V)	71-43-2	benzene	5	U
(6V)	56-23-5	carbon tetrachloride	5	U
(7V)	108-90-7	chlorobenzene	5	U
(10V)	107-06-2	1,2-dichloroethane	1	U
(11V)	71-55-6	1,1,1-trichloroethane	5	U
(13V)	75-34-3	1,1-dichloroethane	5	U
(14V)	79-00-5	1,1,2-trichloroethane	5	U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	10	U
(16V)	75-00-3	chloroethane	10	U
(19V)	110-75-8	2-chloroethylvinyl ether	10	U
(23V)	67-66-3	chloroform	5	U
(29V)	75-35-4	1,1-dichloroethene	5	U
(30V)	156-60-5	trans-1,2-dichloroethene	5	U
(32V)	78-87-5	1,2-dichloropropane	10	U
(33V)	10061-02-6	trans-1,3-dichloropropene	5	U
	10061-01-05	cis-1,3-dichloropropene	5	U
(38V)	100-41-4	ethylbenzene	5	U
(44V)	75-09-2	methylene chloride	ND	B
(45V)	74-87-3	chloromethane	10	U
(46V)	74-83-9	bromomethane	10	U
(47V)	75-25-2	bromoform	10	U
(48V)	75-27-4	bromodichloromethane	5	U
(49V)	75-69-4	fluorotrichloromethane	10	U
(50V)	75-71-8	dichlorodifluoromethane	10	U
(51V)	124-48-1	chlorodibromomethane	10	U
(85V)	127-18-4	tetrachloroethene	5	U
(86V)	108-88-3	toluene	5	U
(87V)	79-01-6	trichloroethene	5	U
(88V)	75-01-4	vinyl chloride	10	U
	67-64-1	acetone	ND	B
	78-93-3	2-butanone	3	
	75-15-0	carbondisulfide	6	
	519-78-6	2-hexanone	5	U
	108-10-1	4-methyl-2-pentanone	5	U
	100-42-5	styrene	5	U
	108-05-4	vinyl acetate	5	U
	1330-20-7	total xylenes	5	U

PESTICIDES (BY GC)

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/15/84
DATE ANALYZED: 6/28/84 6/29/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1.0 L/5 mL
6% (1:5) 75% (1:2)

PP #	CAS #		(ug/l) or ug/kg (circle one)	
(89P)	309-00-2	aldrin	0.025	U
(90P)	60-57-1	dieldrin	0.010	U
(91P)	57-74-9	chlordane	0.25	U
(92P)	50-29-3	4,4'-DDT	0.25	U
(93P)	72-55-9	4,4'-DDE	0.025	K
(94P)	72-54-8	4,4'-DDD	0.05	K
(95P)	115-29-7	α-endosulfan	0.010	U
(96P)	115-29-7	β-endosulfan	0.010	U
(97P)	1031-07-8	endosulfan sulfate	0.020	U
(98P)	72-20-8	endrin	0.010	U
(99P)	7421-93-4	endrin aldehyde	0.020	U
(100P)	76-44-8	heptachlor	0.025	U
(101P)	1024-57-3	heptachlor epoxide	0.025	U
(102P)	319-84-6	α-BHC	0.025	K
(103P)	319-85-7	β-BHC	0.025	U
(104P)	319-86-8	δ-BHC	0.025	U
(105P)	58-89-9	γ-BHC (lindane)	0.025	U
(106P)	53469-21-9	PCB-1242	0.25	U
(107P)	11097-69-1	PCB-1254	0.5	U
(108P)	11104-28-2	PCB-1221	0.5	U
(109P)	11141-16-5	PCB-1232	0.5	U
(110P)	12672-29-6	PCB-1248	0.5	U
(111P)	11096-82-5	PCB-1260	1.0	U
(112P)	12674-11-2	PCB-1016	0.25	U
(113P)	8001-35-2	toxaphene	2.5	U

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	NA

December 1983

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CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7033

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Case No: 2907
Lab Sample ID No: 06/110082
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6869
Data Release Authorized By: Stan Hugo
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/16/84
DATE ANALYZED: 8/3/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6- trichlorophenol	10 U
(22A)	59-50-7	p-chloro-m-cresol	10 U
(24A)	95-57-8	2- chlorophenol	10 U
(31A)	120-83-2	2,4-dichlorophenol	10 U
(34A)	105-67-9	2,4-dimethylphenol	10 U
(57A)	88-75-5	2- nitrophenol	20 U
(58A)	100-02-7	4-nitrophenol	50 U
(59A)	51-28-5	2,4-dinitrophenol	50 U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20 U
(64A)	87-86-5	pentachlorophenol	10 U
(65A)	108-95-2	phenol 15	
	65-85-0	benzoic acid	100 U
	95-48-7	2-methylphenol	5 U
	108-39-4	4-methylphenol 31	
	95-95-4	2,4,5-trichlorophenol	100 U
(1B)	83-32-9	acenaphthene	10 U
(5B)	92-87-5	benzidine	40 U
(8B)	120-82-1	1,2,4-trichlorobenzene	10 U
(9B)	118-74-1	hexachlorobenzene	10 U
(12B)	67-72-1	hexachloroethane	10 U
(18B)	111-44-4	bis(2-chloroethyl)ether	10 U
(20B)	91-58-7	2-chloronaphthalene	10 U
(25B)	95-50-1	1,2-dichlorobenzene	10 U
(26B)	541-73-1	1,3-dichlorobenzene	10 U
(27B)	106-46-7	1,4-dichlorobenzene	10 U
(28B)	91-94-1	3,3'-dichlorobenzidine	10 U
(35B)	121-14-2	2,4-dinitrotoluene	20 U
(36B)	606-20-2	2,6-dinitrotoluene	20 U
(37B)	122-66-7	1,2-diphenylhydrazine	20 U
(39B)	206-44-0	fluoranthene	10 U
(40B)	7005-72-3	4-chlorophenyl phenyl ether	10 U
(41B)	101-55-3	4-bromophenyl phenyl ether	10 U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	20 U
(43B)	111-91-1	bis (2-chloroethoxy) methane	20 U

PP #	CAS #		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	10 U
(53B)	77-47-4	hexachlorocyclopentadiene	10 U
(54B)	78-59-1	isophorone	10 U
(55B)	91-20-3	naphthalene	10 U
(56B)	98-95-3	nitrobenzene	10 U
(61B)	62-75-9	N-nitrosodimethylamine	10 U
(62B)	86-30-6	N-nitrosodiphenylamine	10 U
(63B)	621-64-7	N-nitrosodipropylamine	10 U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate 22	C
(67B)	85-68-7	benzyl butyl phthalate	10 U
(68B)	84-74-2	di-n-butyl phthalate 3	
(69B)	117-84-0	di-n-octyl phthalate	10 U
(70B)	84-66-2	diethyl phthalate	10 U
(71B)	131-11-3	dimethyl phthalate	10 U
(72B)	56-55-3	benzo(a)anthracene	10 U
(73B)	50-32-8	benzo(a)pyrene	20 U
(74B)	205-99-2	benzo(b)fluoranthene	20 U
(75B)	207-08-9	benzo(k)fluoranthene	20 U
(76B)	218-01-9	chrysene	20 U
(77B)	208-96-8	acenaphthylene	10 U
(78B)	120-12-7	anthracene	10 U
(79B)	191-24-2	benzo(ghi)perylene	20 U
(80B)	86-73-7	fluorene	10 U
(81B)	85-01-8	phenanthrene	10 U
(82B)	53-70-3	dibenzo(a,h)anthracene	20 U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	20 U
(84B)	129-00-0	pyrene	10 U
	62-53-3	aniline	5 U
	100-51-6	benzyl alcohol	20 U
	106-47-8	4-chloroaniline	50 U
	132-64-9	dibenzofuran	10 U
	91-57-6	2-methylnaphthalene	20 U
	88-74-4	2-nitroaniline	100 U
	99-09-2	3-nitroaniline	100 U
	100-01-6	4-nitroaniline	100 U

December 1983

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K - Actual value, within the limitations of this method, is less than the value given.
CX - Compounds which were concentrated by a factor of 10 times.
B - Blank ≥ 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in samole. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number: C 7055

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG, INC.
Lab Sample ID No: 06/110034
Sample Matrix: WATER
Data Release Authorized By: Stan Hungar

Case No: 2907
QC Report No:
Contract No.: 68-01-6869
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: NA
DATE ANALYZED: 6/20/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: NA

PP #	CAS #		ug/l or ug/kg (circle one)	
(2V)	107-02-8	acrolein	100	U
(3V)	107-13-1	acrylonitrile	100	U
(4V)	71-43-2	benzene	5	U
(6V)	56-23-5	carbon tetrachloride	5	U
(7V)	108-90-7	chlorobenzene	5	U
(10V)	107-06-2	1,2-dichloroethane	1	U
(11V)	71-55-6	1,1,1-trichloroethane	5	U
(13V)	75-34-3	1,1-dichloroethane	5	U
(14V)	79-00-5	1,1,2-trichloroethane	5	U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	10	U
(16V)	75-00-3	chloroethane	10	U
(19V)	110-75-8	2-chloroethylvinyl ether	10	U
(23V)	67-66-3	chloroform	5	U
(29V)	75-35-4	1,1-dichloroethene	5	U
(30V)	156-60-5	trans-1,2-dichloroethene	5	U
(32V)	78-87-5	1,2-dichloropropane	10	U
(33V)	10061-02-6	trans-1,3-dichloropropene	5	U
	10061-01-05	cis-1,3-dichloropropene	5	U
(38V)	100-41-4	ethylbenzene	5	U
(44V)	75-09-2	methylene chloride	ND	B
(45V)	74-87-3	chloromethane	10	U
(46V)	74-83-9	bromomethane	10	U
(47V)	75-25-2	bromoform	10	U
(48V)	75-27-4	bromodichloromethane	5	U
(49V)	75-69-4	fluorotrichloromethane	10	U
(50V)	75-71-8	dichlorodifluoromethane	10	U
(51V)	124-48-1	chlorodibromomethane	10	U
(85V)	127-18-4	tetrachloroethene	5	U
(86V)	108-88-3	toluene	ND	B
(87V)	79-01-6	trichloroethene	5	U
(88V)	75-01-4	vinyl chloride	10	U
	67-64-1	acetone	ND	B
	78-93-3	2-butanone	ND	B
	75-15-0	carbondisulfide	550	
	519-78-6	2-hexanone	5	U
	108-10-1	4-methyl-2-pentanone	ND	B
	100-42-5	styrene	5	U
	108-05-4	vinyl acetate	5	U
	1330-20-7	total xylenes	5	U

PESTICIDES (BY GC)

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/15/84
DATE ANALYZED: 6/28/84 6/29/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1.0 L / 5 mL
6% (1:5) 75% (1:2)

PP #	CAS #		ug/l or ug/kg (circle one)	
(89P)	309-00-2	aldrin	0.025	U
(90P)	60-57-1	dieldrin	0.010	U
(91P)	57-74-9	chlordane	0.25	U
(92P)	50-29-3	4,4'-DDT	0.25	U
(93P)	72-55-9	4,4'-DDE	0.025	K
(94P)	72-54-8	4,4'-DDD	0.05	U
(95P)	115-29-7	α-endosulfan	0.010	U
(96P)	115-29-7	β-endosulfan	0.010	U
(97P)	1031-07-8	endosulfan sulfate	0.020	U
(98P)	72-20-8	endrin	0.010	U
(99P)	7421-93-4	endrin aldehyde	0.020	U
(100P)	76-44-8	heptachlor	0.025	U
(101P)	1024-57-3	heptachlor epoxide	0.025	U
(102P)	319-84-6	α-BHC	0.025	U
(103P)	319-85-7	β-BHC	0.025	U
(104P)	319-86-8	δ-BHC	0.025	U
(105P)	58-89-9	γ-BHC (lindane)	0.025	U
(106P)	53469-21-9	PCB-1242	0.25	U
(107P)	11097-69-1	PCB-1254	0.50	U
(108P)	11104-28-2	PCB-1221	0.50	U
(109P)	11141-16-5	PCB-1232	0.50	U
(110P)	12672-29-6	PCB-1248	0.50	U
(111P)	11096-82-5	PCB-1260	1.0	U
(112P)	12674-11-2	PCB-1016	0.25	U
(113P)	8001-35-2	toxaphene	2.5	U

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	NA

December 1983

U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
K - Actual value, within the limitations of this method, is less than the value given.
CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7055

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG.INC.
Case No: 2907
Lab Sample ID No: 06 / 110084
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6869
Data Release Authorized By: [signature]
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/13/84
DATE ANALYZED: 7/30/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)	
(21A)	88-06-2	2,4,6- trichlorophenol	10	U
(22A)	59-50-7	p-chloro-m-cresol	10	U
(24A)	95-57-8	2- chlorophenol	10	U
(31A)	120-83-2	2,4-dichlorophenol	10	U
(34A)	105-67-9	2,4-dimethylphenol	10	U
(57A)	88-75-5	2- nitrophenol	20	U
(58A)	100-02-7	4-nitrophenol	50	U
(59A)	51-28-5	2,4-dinitrophenol	50	U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20	U
(64A)	87-86-5	pentachlorophenol	10	U
(65A)	108-95-2	phenol	10	U
	65-85-0	benzoic acid	100	U
	95-48-7	2-methylphenol	5	U
	108-39-4	4-methylphenol	5	U
	95-95-4	2,4,5-trichlorophenol	100	U
(1B)	83-32-9	acenaphthene	10	U
(5B)	92-87-5	benzidine	40	U
(8B)	120-82-1	1,2,4-trichlorobenzene	10	U
(9B)	118-74-1	hexachlorobenzene	10	U
(12B)	67-72-1	hexachloroethane	10	U
(18B)	111-44-4	bis(2-chloroethyl)ether	10	U
(20B)	91-58-7	2-chloronaphthalene	10	U
(25B)	95-50-1	1,2-dichlorobenzene	10	U
(26B)	541-73-1	1,3-dichlorobenzene	10	U
(27B)	106-46-7	1,4-dichlorobenzene	10	U
(28B)	91-94-1	3,3'-dichlorobenzidine	10	U
(35B)	121-14-2	2,4-dinitrotoluene	20	U
(36B)	606-20-2	2,6-dinitrotoluene	20	U
(37B)	122-66-7	1,2-diphenylhydrazine	20	U
(3[illegible])	206-44-0	fluoranthene	10	U
(40B)	7005-72-[illegible]	4-chlorophenyl phenyl ether	10	U
(41B)	101-55-3	4-bromophenyl phenyl ether	10	U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	20	U
(43B)	111-91-1	bis (2-chloroethoxy) methane	20	U

PP #	CAS #		ug/l or ug/kg (circle one)	
(52B)	87-68-3	hexachlorobutadiene	10	U
(53B)	77-47-4	hexachlorocyclopentadiene	10	U
(54B)	78-59-1	isophorone	10	U
(55B)	91-20-3	naphthalene	10	U
(56B)	98-95-3	nitrobenzene	10	U
(61B)	62-75-9	N-nitrosodimethylamine	10	U
(62B)	86-30-6	N-nitrosodiphenylamine	10	U
(63B)	621-64-7	N-nitrosodipropylamine	10	U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	ND	B
(67B)	85-68-7	benzyl butyl phthalate	10	U
(68B)	84-74-2	di-n-butyl phthalate	10	U
(69B)	117-84-0	di-n-octyl phthalate	10	U
(70B)	84-66-2	diethyl phthalate	10	U
(71B)	131-11-3	dimethyl phthalate	10	U
(72B)	56-55-3	benzo(a)anthracene	10	U
(73B)	50-32-8	benzo(a)pyrene	20	U
(74B)	205-99-2	benzo(b)fluoranthene	20	U
(75B)	207-08-9	benzo(k)fluoranthene	20	U
(76B)	218-01-9	chrysene	20	U
(77B)	208-96-8	acenaphthylene	10	U
(78B)	120-12-7	anthracene	10	U
(79B)	191-24-2	benzo(ghi)perylene	20	U
(80B)	86-73-7	fluorene	10	U
(81B)	85-01-8	phenanthrene	10	U
(82B)	53-70-3	dibenzo(a,h)anthracene	20	U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	20	U
(84B)	129-00-0	pyrene	10	U
	62-53-3	aniline	5	U
	100-51-6	benzyl alcohol	20	U
	106-47-8	4-chloroaniline	50	U
	132-64-9	dibenzofuran	10	U
	91-57-6	2-methylnaphthalene	20	U
	88-74-4	2-nitroaniline	100	U
	99-09-2	3-nitroaniline	100	U
	100-01-6	4-nitroaniline	100	U

December 1983

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CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

FIELD BLANK

Sample Number: C 7056

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ENG. INC.
Case No: 2907
Lab Sample ID No: 06/110085
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6869
Data Release Authorized By: Stan Hagen
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: NA
DATE ANALYZED: 6/19/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: NA

PP #	CAS #		ug/l or ug/kg (circle one)	
(2V)	107-02-8	acrolein	100	U
(3V)	107-13-1	acrylonitrile	100	U
(4V)	71-43-2	benzene	5	U
(6V)	56-23-5	carbon tetrachloride	5	U
(7V)	108-90-7	chlorobenzene	5	U
(10V)	107-06-2	1,2-dichloroethane	1	U
(11V)	71-55-6	1,1,1-trichloroethane	5	U
(13V)	75-34-3	1,1-dichloroethane	5	U
(14V)	79-00-5	1,1,2-trichloroethane	5	U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	10	U
(16V)	75-00-3	chloroethane	10	U
(19V)	110-75-8	2-chloroethylvinyl ether	10	U
(23V)	67-66-3	chloroform	5	U
(29V)	75-35-4	1,1-dichloroethene	5	U
(30V)	156-60-5	trans-1,2-dichloroethene	5	U
(32V)	78-87-5	1,2-dichloropropane	10	U
(33V)	10061-02-6	trans-1,3-dichloropropene	5	U
	10061-01-05	cis-1,3-dichloropropene	5	U
(38V)	100-41-4	ethylbenzene	5	U
(44V)	75-09-2	methylene chloride	5	C
(45V)	74-87-3	chloromethane	10	U
(46V)	74-83-9	bromomethane	10	U
(47V)	75-25-2	bromoform	10	U
(48V)	75-27-4	bromodichloromethane	5	U
(49V)	75-69-4	fluorotrichloromethane	/	
(50V)	75-71-8	dichlorodifluoromethane	10	U
(51V)	124-48-1	chlorodibromomethane	10	U
(85V)	127-18-4	tetrachloroethene	5	U
(86V)	108-88-3	toluene	5	U
(87V)	79-01-6	trichloroethene	5	U
(88V)	75-01-4	vinyl chloride	10	U
	67-64-1	acetone	5	U
	78-93-3	2-butanone	ND	B
	75-15-0	carbondisulfide	1	U
	519-78-6	2-hexanone	5	U
	108-10-1	4-methyl-2-pentanone	ND	B
	100-42-5	styrene	5	U
	108-05-4	vinyl acetate	5	U
	1330-20-7	total xylenes	5	U

PESTICIDES (BY GC)

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/15/84
DATE ANALYZED: 6/27/84 6/28/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1.0 L/5 mL

PP #	CAS #		ug/l or ug/kg (circle one)	
(89P)	309-00-2	aldrin	0.005	U
(90P)	60-57-1	dieldrin	0.005	U
(91P)	57-74-9	chlordane	0.050	U
(92P)	50-29-3	4,4'-DDT	0.050	U
(93P)	72-55-9	4,4'-DDE	0.005	U
(94P)	72-54-8	4,4'-DDD	0.010	U
(95P)	115-29-7	α-endosulfan	0.005	U
(96P)	115-29-7	β-endosulfan	0.005	U
(97P)	1031-07-8	endosulfan sulfate	0.010	U
(98P)	72-20-8	endrin	0.005	U
(99P)	7421-93-4	endrin aldehyde	0.010	U
(100P)	76-44-8	heptachlor	0.005	U
(101P)	1024-57-3	heptachlor epoxide	0.005	U
(102P)	319-84-6	α-BHC	0.005	U
(103P)	319-85-7	β-BHC	0.005	U
(104P)	319-86-8	δ-BHC	0.005	U
(105P)	58-89-9	γ-BHC (lindane)	0.005	U
(106P)	53469-21-9	PCB-1242	0.050	U
(107P)	11097-69-1	PCB-1254	0.10	U
(108P)	11104-28-2	PCB-1221	0.10	U
(109P)	11141-16-5	PCB-1232	0.10	U
(110P)	12672-29-6	PCB-1248	0.10	U
(111P)	11096-82-5	PCB-1260	0.20	U
(112P)	12674-11-2	PCB-1016	0.05	U
(113P)	8001-35-2	toxaphene	0.50	U

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	NA

December 1983

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B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

FIELD BLANK

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7056

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Case No: 2907
Lab Sample ID No: 06/110085
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6869
Data Release Authorized By: Stan Hugen
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/16/84
DATE ANALYZED: 7/27/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR:

PP #	CAS #		(ug/l) or ug/kg (circle one)	
(21A)	88-06-2	2,4,6- trichlorophenol	10	U
(22A)	59-50-7	p-chloro-m-cresol	10	U
(24A)	95-57-8	2- chlorophenol	10	U
(31A)	120-83-2	2,4-dichlorophenol	10	U
(34A)	105-67-9	2,4-dimethylphenol	10	U
(57A)	88-75-5	2- nitrophenol	20	U
(58A)	100-02-7	4-nitrophenol	50	U
(59A)	51-28-5	2,4-dinitrophenol	50	U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20	U
(64A)	87-86-5	pentachlorophenol	10	U
(65A)	108-95-2	phenol	10	U
	65-85-0	benzoic acid	100	U
	95-48-7	2-methylphenol	5	U
	108-39-4	4-methylphenol	5	U
	95-95-4	2,4,5-trichlorophenol	100	U
(1B)	83-32-9	acenaphthene	10	U
(5B)	92-87-5	benzidine	40	U
(8B)	120-82-1	1,2,4-trichlorobenzene	10	U
(9B)	118-74-1	hexachlorobenzene	10	U
(12B)	67-72-1	hexachloroethane	10	U
(18B)	111-44-4	bis(2-chloroethyl)ether	10	U
(20B)	91-58-7	2-chloronaphthalene	10	U
(25B)	95-50-1	1,2-dichlorobenzene	10	U
(26B)	541-73-1	1,3-dichlorobenzene	10	U
(27B)	106-46-7	1,4-dichlorobenzene	10	U
(28B)	91-94-1	3,3'-dichlorobenzidine	10	U
(35B)	121-14-2	2,4-dinitrotoluene	20	U
(36B)	606-20-2	2,6-dinitrotoluene	20	U
(37B)	122-66-7	1,2-diphenylhydrazine	20	U
(39B)	206-44-0	fluoranthene	10	U
(40B)	7005-72-3	4-chlorophenyl phenyl ether	10	U
(41B)	101-55-3	4-bromophenyl phenyl ether	10	U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	20	U
(43B)	111-91-1	bis (2-chloroethoxy) methane	20	U

PP #	CAS #		(ug/l) or ug/kg (circle one)	
(52B)	87-68-3	hexachlorobutadiene	10	U
(53B)	77-47-4	hexachlorocyclopentadiene	10	U
(54B)	78-59-1	isophorone	10	U
(55B)	91-20-3	naphthalene	10	U
(56B)	98-95-3	nitrobenzene	10	U
(61B)	62-75-9	N-nitrosodimethylamine	10	U
(62B)	86-30-6	N-nitrosodiphenylamine	10	U
(63B)	621-64-7	N-nitrosodipropylamine	10	U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	ND	B
(67B)	85-68-7	benzyl butyl phthalate	10	U
(68B)	84-74-2	di-n-butyl phthalate	10	U
(69B)	117-84-0	di-n-octyl phthalate	10	U
(70B)	84-66-2	diethyl phthalate	10	U
(71B)	131-11-3	dimethyl phthalate	10	U
(72B)	56-55-3	benzo(a)anthracene	10	U
(73B)	50-32-8	benzo(a)pyrene	20	U
(74B)	205-99-2	benzo(b)fluoranthene	20	U
(75B)	207-08-9	benzo(k)fluoranthene	20	U
(76B)	218-01-9	chrysene	20	U
(77B)	208-96-8	acenaphthylene	10	U
(78B)	120-12-7	anthracene	10	U
(79B)	191-24-2	benzo(ghi)perylene	20	U
(80B)	86-73-7	fluorene	10	U
(81B)	85-01-8	phenanthrene	10	U
(82B)	53-70-3	dibenzo(a,h)anthracene	20	U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	20	U
(84B)	129-00-0	pyrene	10	U
	62-53-3	aniline	5	U
	100-51-6	benzyl alcohol	20	U
	106-47-8	4-chloroaniline	50	U
	132-64-9	dibenzofuran	10	U
	91-57-6	2-methylnaphthalene	20	U
	88-74-4	2-nitroaniline	100	U
	99-09-2	3-nitroaniline	100	U
	100-01-6	4-nitroaniline	100	U

December 1983

U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
K - Actual value, within the limitations of this method, is less than the value given.
CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

ORIGINAL

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

7B Date 7/13/84

COVER PAGE
INORGANIC ANALYSES DATA PACKAGE

Lab Name U S TESTING Case No. 2907

Q.C. Report No. _____

Sample Numbers

EPA No.	Lab ID N	No.	Lab ID No.
MC 3946	76131-1	MC 3955	76131-10
MC 3947	2	MC 3956	11
MC 3948	3	MC 3957	12
MC 3949	4	MC 3958	13
MC 3950	5	MC 3959	14
MC 3951	6	MC 4074	15
MC 3952	7	MC 4078	16
MC 3953	8		
MC 3954	9		

Comments: _____

ICP Interelement and background corrections applied? Yes ✓ No ____.

Footnotes:
NR - not required by contract at this time
C - blank corrected
ND/B - not detected due to blank.
Form I:
Value - If the result is a value greater than or equal to the instrument detection limit but less than the contract required detection limit, report the value in brackets (i.e., [10]). Indicate the analytical method used with P (for ICP/AA) or F (for furnace).
< - Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., <10).
E - Indicates a value estimated or not reported due to the presence of

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U.S. EPA Contract Laboratory Program
Sample Management Office
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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 3946

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-1 QC REPORT NO. _____

Matrix LOW WATER

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	610	13.	Magnesium	NR
2.	Antimony	<20	14.	Manganese	54
3.	Arsenic	<10	15.	Mercury	1.4
4.	Barium	<100	16.	Nickel	<40
5.	Beryllium	<5	17.	Potassium	NR
6.	Cadmium	<1	18.	Selenium	9.0
7.	Calcium	NR	19.	Silver	<10
8.	Chromium	33	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	16
10.	Copper	<50	22.	Tin	37
11.	Iron	3530	23.	Vanadium	<200
12.	Lead	<5	24.	Zinc	282
Cyanide		<10	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Bruzzese

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EPA Sample No. MC 3947

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-2 QC REPORT NO. _____

Matrix LOW WATER

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	2120	13.	Magnesium	NR
2.	Antimony	30	14.	Manganese	219
3.	Arsenic	<10	15.	Mercury	0.5
4.	Barium	138	16.	Nickel	<40
5.	Beryllium	<5	17.	Potassium	NR
6.	Cadmium	<1	18.	Selenium	13
7.	Calcium	NR	19.	Silver	<10
8.	Chromium	31	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	<10
10.	Copper	274	22.	Tin	83
11.	Iron	5770	23.	Vanadium	<200
12.	Lead	13	24.	Zinc	4450

Cyanide <10 Percent Solids NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Bruzzese

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EPA Sample No. MC 3948

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-3 QC REPORT NO. _____

Matrix LOW WATER

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	615	13.	Magnesium	NR
2.	Antimony	<20	14.	Manganese	150
3.	Arsenic	<10	15.	Mercury	0.4
4.	Barium	152	16.	Nickel	<40
5.	Beryllium	<5	17.	Potassium	NR
6.	Cadmium	<1	18.	Selenium	9.3
7.	Calcium	NR	19.	Silver	15
8.	Chromium	25	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	<10
10.	Copper	107	22.	Tin	64
11.	Iron	1710	23.	Vanadium	<200
12.	Lead	<5	24.	Zinc	418
Cyanide		<10	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Bergnach

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EPA Sample No. MC 3949

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-4 QC REPORT NO. _____

Matrix LOW WATER

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	350	13.	Magnesium	NR
2.	Antimony	<20	14.	Manganese	43
3.	Arsenic	<10	15.	Mercury	0.6
4.	Barium	<100	16.	Nickel	<40
5.	Beryllium	<5	17.	Potassium	NR
6.	Cadmium	<1	18.	Selenium	3.5
7.	Calcium	NR	19.	Silver	<10
8.	Chromium	27	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	<10
10.	Copper	<50	22.	Tin	51
11.	Iron	2170	23.	Vanadium	<200
12.	Lead	<5	24.	Zinc	238
Cyanide		<10	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Cuzzucchi

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EPA Sample No. MC 3950

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-5 QC REPORT NO. _____

Matrix LOW WATER

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	25200	13.	Magnesium	NR
2.	Antimony	<20	14.	Manganese	1710
3.	Arsenic	42	15.	Mercury	<0.2
4.	Barium	841	16.	Nickel	73
5.	Beryllium	<5	17.	Potassium	NR
6.	Cadmium	F3 ~~105~~ 21	18.	Selenium	6.6
7.	Calcium	NR	19.	Silver	<10
8.	Chromium	59	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	<10
10.	Copper	212	22.	Tin	<20
11.	Iron	108000	23.	Vanadium	<200
12.	Lead	32.5	24.	Zinc	9880
Cyanide		<10	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Cuzzucch

U.S. EPA Contract Laboratory Program
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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 3951

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-6 QC REPORT NO.

Matrix LOW WATER

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	1400	13.	Magnesium	NR
2.	Antimony	90	14.	Manganese	1250
3.	Arsenic	54	15.	Mercury	1.6
4.	Barium	266	16.	Nickel	<40
5.	Beryllium	<5	17.	Potassium	NR
6.	Cadmium	13	18.	Selenium	<2
7.	Calcium	NR	19.	Silver	14
8.	Chromium	43	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	<10
10.	Copper	<50	22.	Tin	<20
11.	Iron	98200	23.	Vanadium	<200
12.	Lead	52.5	24.	Zinc	3490

Cyanide <10 Percent Solids NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager Frank Bergnich

ORIGINAL (Red)

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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 4074

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-15 QC REPORT NO. _____

Matrix LOW WATER

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	203	13.	Magnesium	NR
2.	Antimony	<20	14.	Manganese	<10
3.	Arsenic	<10	15.	Mercury	<0.2
4.	Barium	<100	16.	Nickel	<40
5.	Beryllium	<5	17.	Potassium	NR
6.	Cadmium	<1	18.	Selenium	<2
7.	Calcium	NR	19.	Silver	<10
8.	Chromium	27	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	<10
10.	Copper	<50	22.	Tin	<20
11.	Iron	103	23.	Vanadium	<200
12.	Lead	<5	24.	Zinc	10
Cyanide		<10	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Bergnich

U.S. EPA Contract Laboratory Program
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703/557-2490 FTS: 8-557-2490

ORIGINAL (Red)

EPA Sample No. MC 3952

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING

CASE NO. 2907

LAB SAMPLE ID. NO. 76131-7

QC REPORT NO.

Elements Identified and Measured

Matrix Low Soil

ug/L or mg/kg (Circle One)

1.	Aluminum	3930	13.	Magnesium	NR
2.	Antimony	6.8	14.	Manganese	92.5
3.	Arsenic	26.3	15.	Mercury	0.3
4.	Barium	414	16.	Nickel	11.9
5.	Beryllium	1.3	17.	Potassium	NR
6.	Cadmium	7.9	18.	Selenium	0.75
7.	Calcium	NR	19.	Silver	88.5
8.	Chromium	<0.5	20.	Sodium	NR
9.	Cobalt	2.7	21.	Thallium	<0.5
10.	Copper	2060	22.	Tin	77
11.	Iron	11600	23.	Vanadium	<10
12.	Lead	350	24.	Zinc	3220

Cyanide 3.5

Percent Solids NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager Frank Buggachi

ORIGINAL (Red)

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EPA Sample No. MC 3953

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-8 QC REPORT NO.

Elements Identified and Measured

Matrix [illegible]

ug/L or mg/kg (Circle One)

1.	Aluminum	3820	13.	Magnesium	NR
2.	Antimony	6.0	14.	Manganese	121
3.	Arsenic	20.5	15.	Mercury	0.75
4.	Barium	1150	16.	Nickel	11.1
5.	Beryllium	1.4	17.	Potassium	NR
6.	Cadmium	7.5	18.	Selenium	1.35
7.	Calcium	NR	19.	Silver	42
8.	Chromium	<0.5	20.	Sodium	NR
9.	Cobalt	<2.5	21.	Thallium	0.8
10.	Copper	3000	22.	Tin	98
11.	Iron	14100	23.	Vanadium	<10
12.	Lead	395	24.	Zinc	2980

Cyanide <1.25 Percent Solids NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

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ORIGINAL (Red)

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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 3954

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-9 QC REPORT NO. _____

Elements Identified and Measured

Matrix LOW SOIL

ug/L or mg/kg (Circle One)

1.	Aluminum	6060	13.	Magnesium	NR
2.	Antimony	1.8	14.	Manganese	78.6
3.	Arsenic	6.0	15.	Mercury	0.45
4.	Barium	67.7	16.	Nickel	27.2
5.	Beryllium	0.53	17.	Potassium	NR
6.	Cadmium	6.1	18.	Selenium	1.15
7.	Calcium	NR	19.	Silver	1.6
8.	Chromium	30.1	20.	Sodium	NR
9.	Cobalt	7.4	21.	Thallium	0.7
10.	Copper	62.7	22.	Tin	<1
11.	Iron	8050	23.	Vanadium	13.1
12.	Lead	300	24.	Zinc	19440

Cyanide 3.25 Percent Solids NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Buzzacchi

ORIGINAL (Red)

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Sample Management Office
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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 3955

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-10 QC REPORT NO. _____

Elements Identified and Measured

Matrix LOW SOIL

ug/L or mg/kg (Circle One)

1.	Aluminum	2200	13.	Magnesium	NR
2.	Antimony	1.9	14.	Manganese	87.9
3.	Arsenic	7.6	15.	Mercury	0.4
4.	Barium	99.3	16.	Nickel	14.2
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	5.3	18.	Selenium	0.2
7.	Calcium	NR	19.	Silver	20.8
8.	Chromium	11.2	20.	Sodium	NR
9.	Cobalt	<2.5	21.	Thallium	<0.5
10.	Copper	150	22.	Tin	18.5
11.	Iron	3610	23.	Vanadium	<10
12.	Lead	105	24.	Zinc	3970
Cyanide		<1.25	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Buggachi

ORIGINAL (Red)

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 3956

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-11 QC REPORT NO.

Elements Identified and Measured

Matrix LOW SOIL

ug/L or mg/kg (Circle One)

1.	Aluminum	125°	13.	Magnesium	NR
2.	Antimony	<1	14.	Manganese	17.8
3.	Arsenic	1.8	15.	Mercury	0.5
4.	Barium	17.3	16.	Nickel	4.1
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	0.26	18.	Selenium	<0.1
7.	Calcium	NR	19.	Silver	0.72
8.	Chromium	5.0	20.	Sodium	NR
9.	Cobalt	<2.5	21.	Thallium	<0.5
10.	Copper	4.3	22.	Tin	<1
11.	Iron	2600	23.	Vanadium	<10
12.	Lead	16.5	24.	Zinc	84.5

Cyanide <1.25 Percent Solids NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager Frank Buzzacchi

U.S. EPA Contract Laboratory Program
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EPA Sample No. MC 3957 ORIGINAL (Red)

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-12 QC REPORT NO. _____

Elements Identified and Measured

Matrix LOW SOIL

ug/L or mg/kg (Circle One)

1.	Aluminum	1150	13.	Magnesium	NR
2.	Antimony	6.1	14.	Manganese	12.2
3.	Arsenic	2.6	15.	Mercury	0.3
4.	Barium	30.3	16.	Nickel	2.9
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	12.2	18.	Selenium	0.26
7.	Calcium	NR	19.	Silver	1.9
8.	Chromium	15.6	20.	Sodium	NR
9.	Cobalt	<2.5	21.	Thallium	<0.5
10.	Copper	56.9	22.	Tin	<1
11.	Iron	1580	23.	Vanadium	<10
12.	Lead	485	24.	Zinc	1720
Cyanide		<1.25	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Buzzacchi

ORIGINAL (Red)

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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 3958

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-13 QC REPORT NO.

Elements Identified and Measured

Matrix LOW SOIL

ug/L or mg/kg (Circle One)

1.	Aluminum	1560	13.	Magnesium	NR
2.	Antimony	<1	14.	Manganese	52.3
3.	Arsenic	1.6	15.	Mercury	1.05
4.	Barium	25.3	16.	Nickel	6.8
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	1.2	18.	Selenium	<0.1
7.	Calcium	NR	19.	Silver	0.66
8.	Chromium	6.0	20.	Sodium	NR
9.	Cobalt	4.3	21.	Thallium	<0.5
10.	Copper	7.8	22.	Tin	3.8
11.	Iron	5900	23.	Vanadium	<10
12.	Lead	41	24.	Zinc	171
Cyanide		<1.25	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager Frank Buzzanti

ORIGINAL (Red)

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EPA Sample No. MC 3959

Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-14 QC REPORT NO. _____

Elements Identified and Measured

Matrix LOW SOIL

ug/L or mg/kg (Circle One)

1.	Aluminum	5080	13.	Magnesium	NR
2.	Antimony	3.9	14.	Manganese	54.9
3.	Arsenic	27.5	15.	Mercury	1.45
4.	Barium	71.1	16.	Nickel	14.8
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	9.4	18.	Selenium	0.18
7.	Calcium	NR	19.	Silver	1.1
8.	Chromium	31.4	20.	Sodium	NR
9.	Cobalt	4.1	21.	Thallium	<0.5
10.	Copper	37.5	22.	Tin	<1
11.	Iron	8500	23.	Vanadium	15.2
12.	Lead	390	24.	Zinc	26400
Cyanide		<1.25	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Bruggeschi

U.S. EPA Contract Laboratory Program
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EPA Sample No. MC 4078

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Date 7/13/84

INORGANIC ANALYSIS DATA SHEET

LAB NAME U S TESTING CASE NO. 2907

LAB SAMPLE ID. NO. 76131-16 QC REPORT NO. _____

Elements Identified and Measured

Matrix LOW SOIL

ug/L or mg/kg (Circle One)

1.	Aluminum	11.2	13.	Magnesium	NR
2.	Antimony	<1	14.	Manganese	<0.5
3.	Arsenic	<0.5	15.	Mercury	<0.1
4.	Barium	<5	16.	Nickel	<2.0
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	<0.05	18.	Selenium	<0.1
7.	Calcium	NR	19.	Silver	0.62
8.	Chromium	4.2	20.	Sodium	NR
9.	Cobalt	<2.5	21.	Thallium	<0.5
10.	Copper	<2.5	22.	Tin	<1
11.	Iron	4.5	23.	Vanadium	<10
12.	Lead	<0.25	24.	Zinc	1.9
	Cyanide	<1.25		Percent Solids	NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager Frank Buggenhi

ORIGINAL (Red)

APPENDIX E

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEWISTOWN QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

ORIGINAL (Red)

SOURCE

Hoskins
Photo
Field

Fr. outcrops by
T. Faill

EXPLANATION

Dh
Hamilton Gp.

Doo
Onondaga and Old
Port Fms., undiv.

DSkt
Keyser and
Tonoloway Fms.,
undiv.

Swc
Wills Creek Fm.

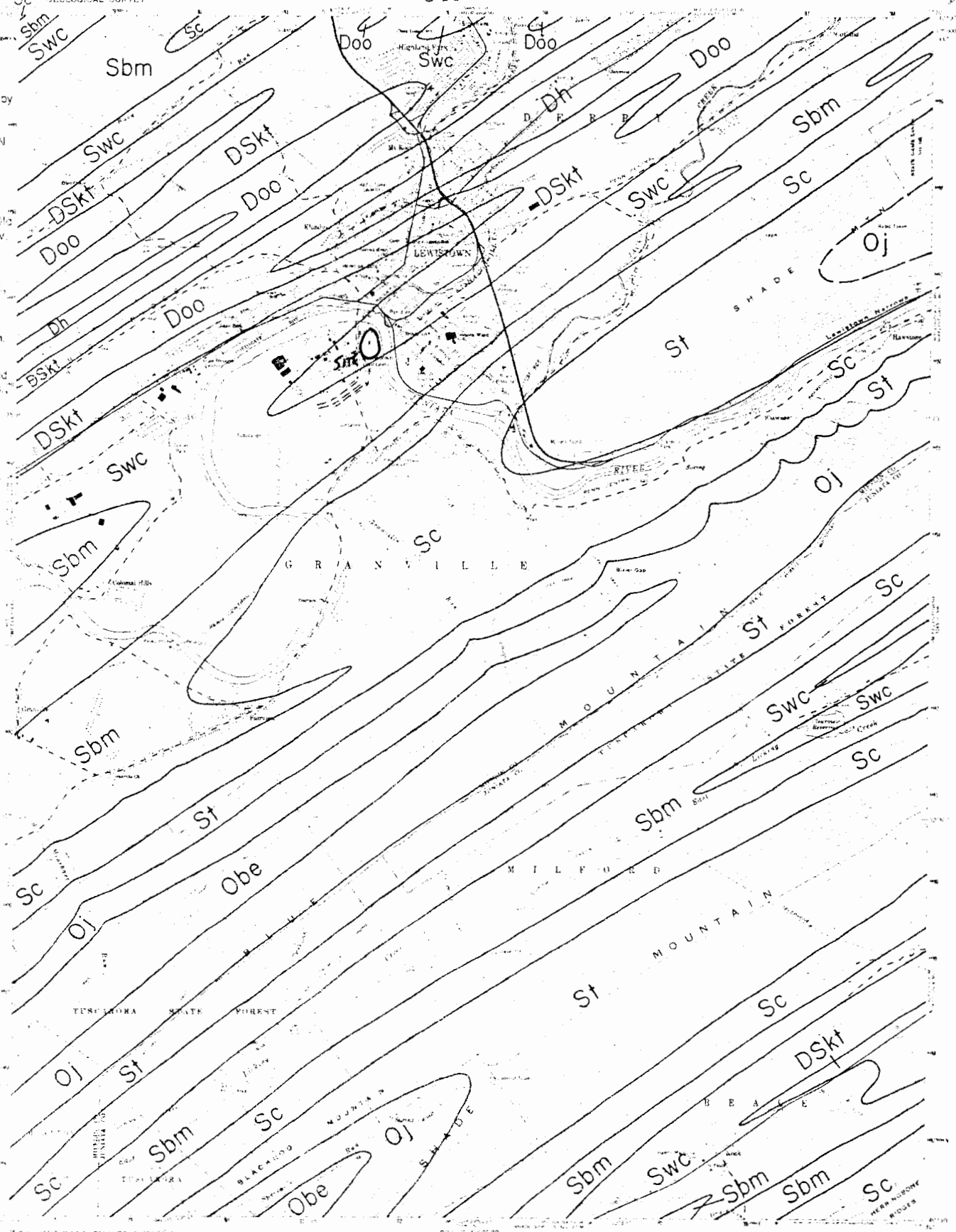
Sbm
Bloomsburg and
Mifflintown Fms.,
undiv.

Sc
Gp.

Tuscarora Fm.

Oj
Juniata Fm.

Obe
Bald Eagle Fm.



Compiled by D. M. HOSKINS, 1976

LEWISTOWN

ORIGINAL
(Red)

APPENDIX F

NOTE: SEE COPY BEFORE SIGNING

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
WASTE DISCHARGE INSPECTION REPORT

PAGE 1 - 3

DATE 3-8-84

TIME 10:45

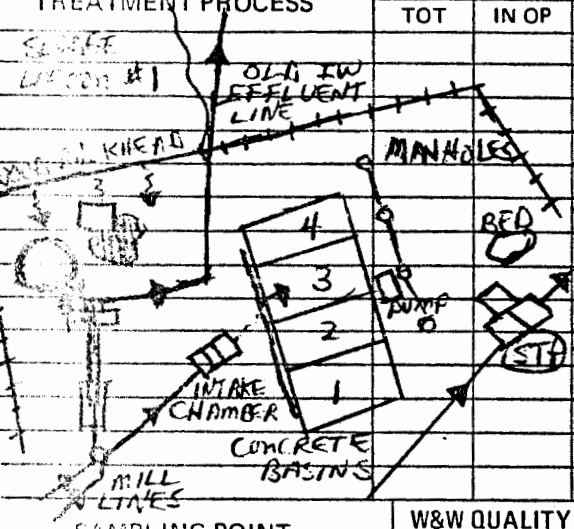
ESTABLISHMENT	CASE	LOCATION (STREET/STATE ROUTE)	COUNTY	MUNICIPALITY	PROGRAM
MCIDC	OLD IW SYSTEM	MCIDC PLAZA-PA. 133	MIFFLIN	GRANVILLE TWP	IW

OPERATOR NAME	VALID CERTIFICATE POSTED YES ☐ NO ☐	TELEPHONE NO.	POP SERVED	ACRES UNDER PERMIT	ACRES ALREADY MINED

RESPONSIBLE OFFICIAL	ADDRESS	TELEPHONE NO.	INDUSTRIAL PRODUCTS
ROBERT POSTAL - EX DIR.		242-0393	

PERSON INTERVIEWED	ADDRESS	TELEPHONE NO.	1.	2.
JOHN MILLER - MAINT. SUP.				

TREATMENT PROCESS



NUMBER OF UNITS TOT	NUMBER OF UNITS IN OP

REMARKS

CHECKED OLD TREATMENT PLANT DURING FACILITIES INSPECTION OF MCIDC STP FOR POSSIBLE TAKEOVER BY GRANVILLE TWP. STP HAS BEEN HIT WITH IW SUES IN THE PAST FROM THE TENANTS - ABOUT (15) PLACES IN BUSINESS RIGHT NOW.

THERE ARE SEPARATE SANITARY SEWERS FOR THE STP, BUT THE OLD MILL IW. LINES COMBINED WITH STORM DRAINAGE FROM A LARGE PART OF THE PLAZA ARE STILL CONNECTED TO THE OLD IW PLANT.

THE STORM DRAINS + OLD OUTFALL LINES IN THE PLAZA WHICH GO DIRECTLY TO THE JUNIATA RIVER WERE NOT COVERED IN THIS INSPECTION

THERE IS NOTHING BUT STORM WATER, THEN THAT IS SUPPOSED TO BE COMING INTO THE OLD IW PLANT, ALTHOUGH SPILLS OR ILLEGAL DISCHARGES

VIOLATIONS

POLLUTIONAL DISCHARGE

LAWS, REGULATIONS OR PERMIT NO. & COND.

PA. CLEAN STREAMS LAW

SAMPLING POINT	W&W QUALITY REPORT NUMBER	pH	CHLOR RES	COLOR	ODOR	TEMP	D.O.	SPEC COND.	AVG. DAILY FLOW (MGD)
INTAKE CHAMBER	0313835								

MIBK - 176 ppm. ACETONITRILE - HIGH PPM
ACETONE - TRACE, METHANOL TRACE
ETHYL ACETATE - None Detected
TOLUENE - 1.7ppm. BUTYL BROMIDE - ppm

RECEIVING STREAM APPEARANCE

NAME	ABOVE DIS APP	BELOW DIS APP
—		

IDENTIFICATION

C A X	CO	MUN	T	EST	CASE
	4-5	6-8	9	10-11	12-13

FAC NO. 1	FAC NO. 2	FAC NO. 3	FAC NO. 4	DATE OF INSPECTION	INSPECTING AGENCY
14-16	14-16	14-16	14-16	17-22	23-25

PERSON INTERVIEWED (SIGNATURE)

TITLE AND DATE

INVESTIGATOR (SIGNATURE)

TITLE AND DATE Field Sup. - 3-13-84

FACILITY NAME	DIS. VOL. (MGD)	COMPLIANCE FED	INT	FAC	OP	PERMIT COMP	OPER STAT
	49-52	66	67	68	69	70	71-72

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
WASTE DISCHARGE INSPECTION REPORT

Pg. 2 of 3

DATE 3-8-84

TIME

...HMENT	CASE	LOCATION (STREET/STATE ROUTE)	COUNTY	MUNICIPALITY	PROGRAM
...C/DC	OLD IW SYSTEM		MIFFLIN	GRANVILLE T.	I.W.

...ATOR NAME	VALID CERTIFICATE POSTED YES ☐ NO ☐	TELEPHONE NO.	POP SERVED	ACRES UNDER PERMIT	ACRES ALREADY MINED
...ONSIBLE OFFICIAL	ADDRESS	TELEPHONE NO.	INDUSTRIAL PRODUCTS		
...ON INTERVIEWED	ADDRESS	TELEPHONE NO.	1.	2.	

TREATMENT PROCESS	NUMBER OF UNITS TOT	IN OP	REMARKS	VIOLATIONS

- COULD EASILY FLOW IN BY GRAVITY. THE FILES SHOW
...MOLASSES SPILL IN 1981 FROM OLD MCDONALDS (OUT OF OPERATION NOW) WHICH
...D JUST THAT. THE MILL LINE INVOLVED WAS TO HAVE BEEN PLUGGED.

TODAY THE INTAKE CHAMBER HAD A CONSIDERABLE AMOUNT OF YELLOW-
...RANGE OIL TRAPPED BEHIND ITS BAFFLE BOARDS. INFLUENT WAS CLEAR
...ITH AN OIL SHEEN (VERY LIGHT) WITH FLOW EST. >10 GPM. NO RAIN LATELY.
...HERE WAS A NOTICEABLE SOLVENT ODOR + A SEPARATE + DISTINCT ODOR LIKE
...NION WASTE (MERCAPTAN). MOST OF THE CHAMBER OUTFLOW WENT INTO
...LD CONCRETE BASIN #3, ALTHOUGH THE OTHER THREE BASINS WERE
...ROBABLY GETTING SOME THROUGH THE INTERCONNECTING TROUGHS. THERE
...AS ICE ON ALL FOUR BASINS - PLENTY OF FREEBOARD.
MR. MILLER SAYS WATER DRAINS OUT BOTTOMS. AFTER RAINS, HE
...MPS FROM BASINS TO SLUDGE LAGOONS TO KEEP SYSTEM FROM OVERFLOWING.
...OT PLAN SHOWS BASIN PIPING FOR LIQUID + SLUDGE W/ OUTLETS TO RIVER + LAGOONS, RESPECTIVELY.

LAWS, REGULATIONS OR PERMIT NO. & COND.

SAMPLING POINT	W&W QUALITY REPORT NUMBER	pH	CHLOR RES	COLOR	ODOR	TEMP	D.O.	SPEC COND.	AVG. DAILY FLOW (MGD)

RECEIVING STREAM APPEARANCE

NAME	ABOVE DIS APP	BELOW DIS APP

IDENTIFICATION CO	MUN	T	EST	CASE	FAC NO. 1	FAC NO. 2	FAC NO. 3	FAC NO. 4	DATE OF INSPECTION	INSPECTING AGENCY
4-5	6-8	9	10-11	12-13	14-16	14-16	14-16	14-16	17-22	23-25

FACILITY NAME	DIS. VOL. (MGD)	COMPLIANCE FED	INT	FAC	OP	PERMIT COMP	OPER STAT
	49-52	66	67	68	69	70	71-72

PERSON INTERVIEWED (SIGNATURE)

TITLE AND DATE

INVESTIGATOR (SIGNATURE)

TITLE AND DATE

4-77
COPY 2
SIGNING

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
WASTE DISCHARGE INSPECTION REPORT

PAGE 3 of 3

DATE 3-8-84

TIME

ESTABLISHMENT	CASE	LOCATION (STREET/STATE ROUTE)	COUNTY	MUNICIPALITY	PROGRAM
MCIDC	OLD I.W. SYSTEM		MIFFLIN	GRANVILLE T.	IW

OPERATOR NAME	VALID CERTIFICATE POSTED YES ☐ NO ☐	TELEPHONE NO.	POP SERVED	ACRES UNDER PERMIT	ACRES ALREADY MINED
RESPONSIBLE OFFICIAL	ADDRESS	TELEPHONE NO.	INDUSTRIAL PRODUCTS		
PERSON INTERVIEWED	ADDRESS	TELEPHONE NO.	1.	2.	

TREATMENT PROCESS	NUMBER OF UNITS TOT	NUMBER OF UNITS IN OP	REMARKS	VIOLATIONS
PIPING DIAGRAMS.			SEE ATTACHED PLOT PLAN FOR SOME OF THE DRAWINGS ARE AS OF MARCH, 1970. MORE WORK WILL HAVE TO BE DONE TO DETERMINE EXTENT OF CONTAMINATION - LOOKS LIKE IT COULD BE A BIG AREA. THERE WAS SOLVENT IN THE CIRCULAR CLARIFIER (CYCLATOR) AND THE INFLUENT FLUME. THIS COULD BE LEAKAGE THROUGH THE SLUICE GATE IN THE INFLUENT MANHOLE WHICH DIRECTS MOST OF THE FLOW IN THE MILL LINES TO THE INTAKE CHAMBER.	
			MOST LIKELY INDUSTRIES ARE FIVE STAR GROUP (ORGANICS) AND CYCLOPS BOOK BINDING (GLUES). HELEN FAHY, ENG. FOR TWP. VISITED MOST OF THE TENANTS (EXCEPT AVTEX AND CHROMALLOY). FIVE STAR DEFINITELY USES SOLVENTS + HAS HAD SPILLS TO STP. CYCLOPS ODOR OF WASTE REMINDED ME OF THE ONION SMELL IN THE INTAKE CHAMBER. SEE IR'S FOR BOTH - TODAY'S DATE.	LAWS, REGULATIONS OR PERMIT NO. & COND.
			WE WILL TALK TO SOLID WASTE ABOUT A JOINT SURVEY.	

SAMPLING POINT	W&W QUALITY REPORT NUMBER	pH	CHLOR RES	COLOR	ODOR	TEMP	D.O.	SPEC COND.	AVG. DAILY FLOW (MGD)

RECEIVING STREAM APPEARANCE

NAME	ABOVE DIS APP	BELOW DIS APP

IDENTIFICATION CO (4-5)	MUN (6-8)	T (9)	EST (10-11)	CASE (12-13)	FAC NO. 1 (14-16)	FAC NO. 2 (14-16)	FAC NO. 3 (14-16)	FAC NO. 4 (14-16)	DATE OF INSPECTION (17-22)	INSPECTING AGENCY (23-25)

FACILITY NAME	DIS. VOL. (MGD) (49-52)	COMPLIANCE FED (66)	INT (67)	FAC (68)	OP (69)	PERMIT COMP (70)	OPER STAT (71-72)

PERSON INTERVIEWED (SIGNATURE)

TITLE AND DATE

INVESTIGATOR (SIGNATURE)

TITLE AND DATE