06-01
5/4/94

H Y D R O L O G I C , I N C .

JAN 1995
Received
Solid Waste
Section

REPORT OF ANALYSES

ENGINEERING TECTONICS
PO BOX I
WINSTON SALEM, NC 27108-
Attn: DAN BOWSER

PROJECT NAME: AVERY C.9024701
DATE: 05/20/94

(Page 1 of 2)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
39513	05/04/94	1300	DAN	05/05/94	1020	WW
39514	05/04/94	1400	DAN	05/05/94	1020	WW
39515	05/04/94	1500	DAN	05/05/94	1020	WW

CLIENT STATION ID:		AVERY MW 1	AVERY MW 2	AVERY MW 3
LAB #:		39513	39514	39515
PH,LAB	std units	6.4	6.6	6.7
BOD	mg/l	1.2	10.4	9.5
TOTAL DISSOLVED SOLIDS	mg/l	66.0	139.0	98.0
SPECIFIC CONDUCTIVITY	umhos	78	282	228
CHLORIDE	mg/l	3.2	25.6	10.9
CHEMICAL OXYGEN DEMAND	mg/l	18.7	25.6	15.0
TOTAL ORGANIC CARBON	mg/l	7.0	14.0	8.0
FLUORIDE	mg/l	<0.50	<0.50	<0.50
NITRATE	mg/l	0.10	0.11	0.14
SULFATE	mg/l	<1.0	4.7	1.2
MERCURY, TOTAL	mg/l	0.0003	0.0003	0.0004
TOTAL ORGANIC HALIDES	MG/L	<0.1	<0.1	<0.1
SILVER,TOTAL	mg/l	< 0.005	< 0.005	< 0.005
ARSENIC, TOTAL	mg/l	<0.010	<0.010	<0.010
BARIUM, TOTAL	mg/l	0.036	0.123	0.062
CADMIUM, TOTAL	mg/l	0.003	0.008	0.008
CHROMIUM, TOTAL	mg/l	< 0.005	0.013	< 0.005
COPPER, TOTAL	mg/l	0.006	0.333	< 0.005
IRON, TOTAL	mg/l	3.645	25.669	36.314

LABORATORY DIRECTOR _____

P.O. BOX 14029 / ASHEVILLE, NC 28814 / 122 LYMAN STREET / ASHEVILLE, NC 28801 / (704) 254-5169 / FAX: (704) 252-9711 / TOLL FREE: 1-800-231-8889

H Y D R O L O G I C , I N C .

REPORT OF ANALYSES

ENGINEERING TECTONICS
PO BOX I
WINSTON SALEM, NC 27108-
Attn: DAN BOWSER

PROJECT NAME: AVERY C.9024701
DATE: 05/20/94

(Page 2 of 2)

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
39513	05/04/94	1300	DAN	05/05/94	1020	WW
39514	05/04/94	1400	DAN	05/05/94	1020	WW
39515	05/04/94	1500	DAN	05/05/94	1020	WW

CLIENT STATION ID:		AVERY MW 1	AVERY MW 2	AVERY MW 3
LAB #:		39513	39514	39515
LEAD, TOTAL	mg/l	< 0.010	0.086	< 0.010
MAGNESIUM, TOTAL	mg/l	1.334	4.474	2.259
SELENIUM, TOTAL	mg/l	< 0.010	< 0.010	< 0.010
ZINC, TOTAL	mg/l	0.025	0.050	0.038

LABORATORY DIRECTOR _____

H Y D R O L O G I C , I N C .

COMPANY NAME: Engineering Tectonics CONTACT NAME: Dan Bowser TELEPHONE NO. 910-721-6991

Samplers: Print Name: Dan Bowser Signature: [signature]

Project No: Avery Co. 90-247

SAMPLE ID	SAMPLE LOCATION	Composite	Grab	Date	Time	Sample Type: Water	Liquid	Oil	Solid	No. of Containers	TOC	TDS	Spec. Cond.	COD	Chloride	Fluoride	Nitrate	→ BOD	REMARKS
MW1			X	5/4	1:00	X				6									TOX
MW2			X	1	2:00	X				6									Sulfate
MW3			X	1	3:00	X				6									Arsenic
																			Barium
																			Cadmium
																			Chromium
																			Copper
																			Iron
																			Lead
																			Mercury
																			Selenium
																			Magnesium
																			Silver + Zinc

COMMENTS: Price as agreed upon with Dave Roman

Relinquished by: (Signature) [signature]			Received by: (Signature) [signature]	Date 5-5-94	Time 10:20
Relinquished by: (Signature)			Received by: (Signature)	Date	Time
Dispatched by: (Signature)	Date	Time	Received for Laboratory by:	Date	Time
Method of Shipment:				Date	Time

1491 Twilight Trail ☐ Frankfort, Kentucky 40601 ☐ 502/223-0251 ☐ FAX 502/875-8016 ☐ Toll Free 1-800/728-2251

HYDROLOGIC, INC.

May 16, 1994

REPORTING:

Engineering TecTonics
1720 Vargrave Street
Winston Salem, NC 27107

Attention: Dan Bowser

INVOICING:

Engineering TecTonics
P.O. Box I
Winston Salem, NC 27108

PROJECT NUMBER: FL94-5366

DATE COMPLETED: May 16, 1994
DATE RECEIVED: May 6, 1994

PROJECT DESCRIPTION:

Avery Co. #90-247.01--3 water samples to be analyzed for 8270/8240, sampled on 05/04/94.

Enclosed is the laboratory report for the project described above. If you have any questions or if we can be of further assistance, please feel free to contact Billie Wakefield. We appreciate your business and look forward to serving you again soon.

Respectfully,

Benjamin Carl Esterle
Laboratory Director

H Y D R O L O G I C . I N C .

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5366
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW 1
DATE SAMPLED: 5/4/94
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 5/12/94

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acetone	67-64-1	200.0	BDL
Acrolein	107-02-8	50.0	BDL
Acrylonitrile	107-13-1	50.0	BDL
Benzene	71-43-2	5.0	BDL
Bromodichloromethane	75-27-4	5.0	BDL
Bromoform	75-25-2	5.0	BDL
Bromomethane	74-83-9	10.0	BDL
2-Butanone	78-93-3	100.0	BDL
Carbon Disulfide	75-15-0	5.0	BDL
Carbon Tetrachloride	56-23-5	5.0	BDL
Chlorobenzene	108-90-7	5.0	BDL
Chloroethane	75-00-3	10.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	10.0	BDL
Chloroform	67-66-3	5.0	BDL
Chloromethane	74-87-3	10.0	BDL
Dibromochloromethane	124-48-1	5.0	BDL
Dibromomethane	74-95-3	5.0	BDL
1,4-Dichloro-2-Butane		5.0	BDL
Dichlorodifluoromethane	75-71-8	10.0	BDL
1,2-Dichlorobenzene	95-50-1	5.0	BDL
1,3-Dichlorobenzene	541-73-1	5.0	BDL
1,4-Dichlorobenzene	106-46-7	5.0	BDL
1,1-Dichloroethane	75-34-3	5.0	BDL
1,2-Dichloroethane	107-06-2	5.0	BDL
1,1-Dichloroethene	75-35-4	5.0	BDL

H Y D R O L O G I C , I N C .

Page 2 continued

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5366
SAMPLE IDENTIFICATION: MW 1
DATE SAMPLED: 5/4/94

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
trans-1,2-Dichloroethene	156-60-5	5.0	BDL
1,2-Dichloropropane	78-87-5	5.0	BDL
cis-1,3-Dichloropropene	10061-01-5	5.0	BDL
trans-1,3-Dichloropropene	10061-02-6	5.0	BDL
Ethanol	64-17-5	100.0	BDL
Ethylbenzene	100-41-4	5.0	BDL
Ethyl Methacrylate	97-63-2	10.0	BDL
2-Hexanone	591-78-6	50.0	BDL
Iodomethane	74-88-4	10.0	BDL
Methylene Chloride	75-09-2	5.0	BDL
4-Methyl-2-Pentanone	108-10-1	50.0	BDL
Styrene	100-42-5	10.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	10.0	BDL
Tetrachloroethylene	127-18-4	10.0	BDL
Toluene	108-88-3	5.0	BDL
1,1,1-Trichloroethane	71-55-6	5.0	BDL
1,1,2-Trichloroethane	79-00-5	5.0	BDL
Trichloroethylene	79-01-6	5.0	BDL
Trichlorofluoromethane	75-69-4	5.0	BDL
Vinyl Chloride	75-01-4	10.0	BDL
Xylene (Total)	1330-20-7	5.0	BDL
Surrogate Recoveries:			
1,2-Dichloroethane-D4			114%
Toluene-D8			98%
Bromofluorobenzene			93%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

HYDROLOGIC, INC.

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5366
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW 1
DATE SAMPLED: 5/4/94
DATE EXTRACTED: 5/6/94
DATE/TIME ANALYZED: 5/11/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acenaphthene	83-32-9	10.0	BDL
Acenaphthylene	208-96-8	10.0	BDL
Aniline	62-53-3	10.0	BDL
Anthracene	120-12-7	10.0	BDL
Benzidine	92-87-5	10.0	BDL
Benzoic Acid	65-85-0	50.0	BDL
Benzo(a)Anthracene	56-55-3	10.0	BDL
Benzo(b)Fluoranthene	205-99-2	10.0	BDL
Benzo(k)Fluoranthene	207-08-9	10.0	BDL
Benzo(g,h,i)Perylene	191-24-2	10.0	BDL
Benzo(a)Pyrene	50-32-8	10.0	BDL
Benzyl Alcohol	100-51-6	20.0	BDL
Bis(2-Chloroethoxy)Methane	111-91-1	10.0	BDL
Bis(2-Chloroethyl)Ether	111-44-4	10.0	BDL
Bis(2-Chloroisopropyl)Ether	39638-32-9	10.0	BDL
Bis(2-Ethylhexyl)Phthalate	117-81-7	10.0	BDL
4-Bromophenyl Phenyl Ether	101-55-3	10.0	BDL
Butyl Benzyl Phthalate	85-68-7	10.0	BDL
4-Chloroaniline	106-47-8	20.0	BDL
1-Chloronaphthalene		10.0	BDL
2-Chloronaphthalene	91-58-7	10.0	BDL
4-Chloro-3-Methyl Phenol	59-50-7	10.0	BDL
2-Chlorophenol	95-57-8	10.0	BDL
4-Chlorophenyl Phenyl Ether	7005-72-3	10.0	BDL
Chrysene	218-01-9	10.0	BDL

H Y D R O L O G I C , I N C .

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COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5366
SAMPLE IDENTIFICATION: MW 1
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Dibenz(a,h)Anthracene	53-70-3	10.0	BDL
Dibenzofuran	132-64-9	10.0	BDL
Di-N-Butylphthalate	84-74-2	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
3,3'-Dichlorobenzidine	91-94-1	20.0	BDL
2,4-Dichlorophenol	120-83-2	10.0	BDL
2,6-Dichlorophenol	87-65-0	10.0	BDL
Diethylphthalate	84-66-2	10.0	BDL
A,A-Dimethylphenethylamine	122-09-8	10.0	BDL
2,4-Dimethylphenol	105-67-9	10.0	BDL
Dimethylphthalate	131-11-3	10.0	BDL
4,6-Dinitro-2-Methylphenol	534-52-1	50.0	BDL
2,4-Dinitrophenol	51-28-5	10.0	BDL
2,4-Dinitrotoluene	121-14-2	10.0	BDL
2,6-Dinitrotoluene	606-20-2	10.0	BDL
Diphenylamine	122-39-4	20.0	BDL
Di-N-Octylphthalate	117-84-0	10.0	BDL
Fluoranthene	206-44-0	10.0	BDL
Fluorene	86-73-7	10.0	BDL
Hexachlorobenzene	118-74-1	10.0	BDL
Hexachlorobutadiene	87-68-3	10.0	BDL
Hexachlorocyclopentadiene	77-47-4	10.0	BDL

H Y D R O L O G I C , I N C .

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COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5366
SAMPLE IDENTIFICATION: MW 1
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Hexachloroethane	67-72-1	10.0	BDL
Indeno(1,2,3-cd)Pyrene	193-39-5	10.0	BDL
Isophorone	78-59-1	10.0	BDL
2-Methylnaphthalene	91-57-6	10.0	BDL
2-Methylphenol	95-48-7	10.0	BDL
4-Methylphenol	106-44-5	10.0	BDL
Naphthalene	91-20-3	10.0	BDL
2-Nitroaniline	88-74-4	50.0	BDL
3-Nitroaniline	99-09-2	50.0	BDL
4-Nitroaniline	100-01-6	50.0	BDL
Nitrobenzene	98-95-3	10.0	BDL
2-Nitrophenol	88-75-5	10.0	BDL
4-Nitrophenol	100-02-7	10.0	BDL
N-Nitroso-Di-N-Butylamine	924-16-3	50.0	BDL
N-Nitrosodimethylamine	62-75-9	10.0	BDL
N-Nitrosodiphenylamine	86-30-6	10.0	BDL
N-Nitrosodipropylamine	621-64-7	10.0	BDL
Pentachlorophenol	87-86-5	50.0	BDL
Phenanthrene	85-01-8	10.0	BDL
Phenol	108-95-2	10.0	BDL
Pyrene	129-00-0	10.0	BDL
1,2,4,5-Tetrachlorobenzene	95-94-3	10.0	BDL
2,3,4,6-Tetrachlorophenol	58-90-2	10.0	BDL
1,2,4-Trichlorobenzene	120-82-1	10.0	BDL

H Y D R O L O G I C , I N C .

Page 4 continued

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5366
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW 1
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
2,4,5-Trichlorophenol	95-95-4	10.0	BDL
2,4,6-Trichlorophenol	88-06-2	10.0	BDL
Surrogate Recovery:			
2-Fluorobiphenyl			72%
Nitrobenzene-d5			86%
4-Terphenyl-D14			98%
2-Fluorophenol			72%
Phenol-D5			78%
2,4,6-Tribromophenol			69%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

H Y D R O L O G I C , I N C .

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5367
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW 2
DATE SAMPLED: 5/4/94
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 5/12/94

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acetone	67-64-1	200.0	BDL
Acrolein	107-02-8	50.0	BDL
Acrylonitrile	107-13-1	50.0	BDL
Benzene	71-43-2	5.0	BDL
Bromodichloromethane	75-27-4	5.0	BDL
Bromoform	75-25-2	5.0	BDL
Bromomethane	74-83-9	10.0	BDL
2-Butanone	78-93-3	100.0	BDL
Carbon Disulfide	75-15-0	5.0	BDL
Carbon Tetrachloride	56-23-5	5.0	BDL
Chlorobenzene	108-90-7	5.0	BDL
Chloroethane	**75-00-3**	**10.0**	**[illegible]9**
2-Chloro Ethyl Vinyl Ether	110-75-8	10.0	BDL
Chloroform	67-66-3	5.0	BDL
Chloromethane	74-87-3	10.0	BDL
Dibromochloromethane	124-48-1	5.0	BDL
Dibromomethane	74-95-3	5.0	BDL
1,4-Dichloro-2-Butane		5.0	BDL
Dichlorodifluoromethane	75-71-8	10.0	BDL
1,2-Dichlorobenzene	95-50-1	5.0	BDL
1,3-Dichlorobenzene	541-73-1	5.0	BDL
1,4-Dichlorobenzene	106-46-7	5.0	BDL
1,1-Dichloroethane	75-34-3	5.0	BDL
1,2-Dichloroethane	107-06-2	5.0	BDL
1,1-Dichloroethene	75-35-4	5.0	BDL

H Y D R O L O G I C , I N C .

Page 2 continued

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5367
SAMPLE IDENTIFICATION: MW 2
DATE SAMPLED: 5/4/94

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
trans-1,2-Dichloroethene	156-60-5	5.0	BDL
1,2-Dichloropropane	78-87-5	5.0	BDL
cis-1,3-Dichloropropene	10061-01-5	5.0	BDL
trans-1,3-Dichloropropene	10061-02-6	5.0	BDL
Ethanol	64-17-5	100.0	BDL
Ethylbenzene	100-41-4	5.0	BDL
Ethyl Methacrylate	97-63-2	10.0	BDL
2-Hexanone	591-78-6	50.0	BDL
Iodomethane	74-88-4	10.0	BDL
Methylene Chloride	75-09-2	5.0	BDL
4-Methyl-2-Pentanone	108-10-1	50.0	BDL
Styrene	100-42-5	10.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	10.0	BDL
Tetrachloroethylene	127-18-4	10.0	BDL
Toluene	108-88-3	5.0	BDL
1,1,1-Trichloroethane	71-55-6	5.0	BDL
1,1,2-Trichloroethane	79-00-5	5.0	BDL
Trichloroethylene	79-01-6	5.0	BDL
Trichlorofluoromethane	75-69-4	5.0	BDL
Vinyl Chloride	75-01-4	10.0	BDL
Xylene (Total)	1330-20-7	5.0	BDL
Surrogate Recoveries:			
1,2-Dichloroethane-D4			106%
Toluene-D8			96%
Bromofluorobenzene			92%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

H Y D R O L O G I C . I N C .

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5367
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW 2
DATE SAMPLED: 5/4/94
DATE EXTRACTED: 5/6/94
DATE/TIME ANALYZED: 5/11/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acenaphthene	83-32-9	10.0	BDL
Acenaphthylene	208-96-8	10.0	BDL
Aniline	62-53-3	10.0	BDL
Anthracene	120-12-7	10.0	BDL
Benzidine	92-87-5	10.0	BDL
Benzoic Acid	65-85-0	50.0	BDL
Benzo(a)Anthracene	56-55-3	10.0	BDL
Benzo(b)Fluoranthene	205-99-2	10.0	BDL
Benzo(k)Fluoranthene	207-08-9	10.0	BDL
Benzo(g,h,i)Perylene	191-24-2	10.0	BDL
Benzo(a)Pyrene	50-32-8	10.0	BDL
Benzyl Alcohol	100-51-6	20.0	BDL
Bis(2-Chloroethoxy)Methane	111-91-1	10.0	BDL
Bis(2-Chloroethyl)Ether	111-44-4	10.0	BDL
Bis(2-Chloroisopropyl)Ether	39638-32-9	10.0	BDL
Bis(2-Ethylhexyl)Phthalate	117-81-7	10.0	BDL
4-Bromophenyl Phenyl Ether	101-55-3	10.0	BDL
Butyl Benzyl Phthalate	85-68-7	10.0	BDL
4-Chloroaniline	106-47-8	20.0	BDL
1-Chloronaphthalene		10.0	BDL
2-Chloronaphthalene	91-58-7	10.0	BDL
4-Chloro-3-Methyl Phenol	59-50-7	10.0	BDL
2-Chlorophenol	95-57-8	10.0	BDL
4-Chlorophenyl Phenyl Ether	7005-72-3	10.0	BDL
Chrysene	218-01-9	10.0	BDL

H Y D R O L O G I C I N C

Page 2 continued

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5367
SAMPLE IDENTIFICATION: MW 2
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Dibenz(a,h)Anthracene	53-70-3	10.0	BDL
Dibenzofuran	132-64-9	10.0	BDL
Di-N-Butylphthalate	84-74-2	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
3,3'-Dichlorobenzidine	91-94-1	20.0	BDL
2,4-Dichlorophenol	120-83-2	10.0	BDL
2,6-Dichlorophenol	87-65-0	10.0	BDL
Diethylphthalate	84-66-2	10.0	BDL
A,A-Dimethylphenethylamine	122-09-8	10.0	BDL
2,4-Dimethylphenol	105-67-9	10.0	BDL
Dimethylphthalate	131-11-3	10.0	BDL
4,6-Dinitro-2-Methylphenol	534-52-1	50.0	BDL
2,4-Dinitrophenol	51-28-5	10.0	BDL
2,4-Dinitrotoluene	121-14-2	10.0	BDL
2,6-Dinitrotoluene	606-20-2	10.0	BDL
Diphenylamine	122-39-4	20.0	BDL
Di-N-Octylphthalate	117-84-0	10.0	BDL
Fluoranthene	206-44-0	10.0	BDL
Fluorene	86-73-7	10.0	BDL
Hexachlorobenzene	118-74-1	10.0	BDL
Hexachlorobutadiene	87-68-3	10.0	BDL
Hexachlorocyclopentadiene	77-47-4	10.0	BDL

Page 3 continued

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5367
SAMPLE IDENTIFICATION: MW 2
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Hexachloroethane	67-72-1	10.0	BDL
Indeno(1,2,3-cd)Pyrene	193-39-5	10.0	BDL
Isophorone	78-59-1	10.0	BDL
2-Methylnaphthalene	91-57-6	10.0	BDL
2-Methylphenol	95-48-7	10.0	BDL
4-Methylphenol	106-44-5	10.0	BDL
Naphthalene	91-20-3	10.0	BDL
2-Nitroaniline	88-74-4	50.0	BDL
3-Nitroaniline	99-09-2	50.0	BDL
4-Nitroaniline	100-01-6	50.0	BDL
Nitrobenzene	98-95-3	10.0	BDL
2-Nitrophenol	88-75-5	10.0	BDL
4-Nitrophenol	100-02-7	10.0	BDL
N-Nitroso-Di-N-Butylamine	924-16-3	50.0	BDL
N-Nitrosodimethylamine	62-75-9	10.0	BDL
N-Nitrosodiphenylamine	86-30-6	10.0	BDL
N-Nitrosodipropylamine	621-64-7	10.0	BDL
Pentachlorophenol	87-86-5	50.0	BDL
Phenanthrene	85-01-8	10.0	BDL
Phenol	108-95-2	10.0	BDL
Pyrene	129-00-0	10.0	BDL
1,2,4,5-Tetrachlorobenzene	95-94-3	10.0	BDL
2,3,4,6-Tetrachlorophenol	58-90-2	10.0	BDL
1,2,4-Trichlorobenzene	120-82-1	10.0	BDL

H Y D R O L O G I C , I N C .

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COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5367
SAMPLE IDENTIFICATION: MW 2
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
2,4,5-Trichlorophenol	95-95-4	10.0	BDL
2,4,6-Trichlorophenol	88-06-2	10.0	BDL
Surrogate Recovery:			
2-Fluorobiphenyl			86%
Nitrobenzene-d5			88%
4-Terphenyl-D14			96%
2-Fluorophenol			70%
Phenol-D5			70%
2,4,6-Tribromophenol			64%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

H Y D R O L O G I C , I N C .

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5368
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW 3
DATE SAMPLED: 5/4/94
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 5/12/94

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acetone	67-64-1	200.0	BDL
Acrolein	107-02-8	50.0	BDL
Acrylonitrile	107-13-1	50.0	BDL
Benzene	71-43-2	5.0	BDL
Bromodichloromethane	75-27-4	5.0	BDL
Bromoform	75-25-2	5.0	BDL
Bromomethane	74-83-9	10.0	BDL
2-Butanone	78-93-3	100.0	BDL
Carbon Disulfide	75-15-0	5.0	BDL
Carbon Tetrachloride	56-23-5	5.0	BDL
Chlorobenzene	108-90-7	5.0	BDL
Chloroethane	75-00-3	10.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	10.0	BDL
Chloroform	67-66-3	5.0	BDL
Chloromethane	74-87-3	10.0	BDL
Dibromochloromethane	124-48-1	5.0	BDL
Dibromomethane	74-95-3	5.0	BDL
1,4-Dichloro-2-Butane		5.0	BDL
Dichlorodifluoromethane	75-71-8	10.0	BDL
1,2-Dichlorobenzene	95-50-1	5.0	BDL
1,3-Dichlorobenzene	541-73-1	5.0	BDL
1,4-Dichlorobenzene	106-46-7	5.0	BDL
1,1-Dichloroethane	75-34-3	5.0	BDL
1,2-Dichloroethane	107-06-2	5.0	BDL
1,1-Dichloroethene	75-35-4	5.0	BDL

H Y D R O L O G I C , I N C .

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COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5368
SAMPLE IDENTIFICATION: MW 3
DATE SAMPLED: 5/4/94

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
trans-1,2-Dichloroethene	156-60-5	5.0	BDL
1,2-Dichloropropane	78-87-5	5.0	BDL
cis-1,3-Dichloropropene	10061-01-5	5.0	BDL
trans-1,3-Dichloropropene	10061-02-6	5.0	BDL
Ethanol	64-17-5	100.0	BDL
Ethylbenzene	100-41-4	5.0	BDL
Ethyl Methacrylate	97-63-2	10.0	BDL
2-Hexanone	591-78-6	50.0	BDL
Iodomethane	74-88-4	10.0	BDL
Methylene Chloride	75-09-2	5.0	BDL
4-Methyl-2-Pentanone	108-10-1	50.0	BDL
Styrene	100-42-5	10.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	10.0	BDL
Tetrachloroethylene	127-18-4	10.0	BDL
Toluene	108-88-3	5.0	BDL
1,1,1-Trichloroethane	71-55-6	5.0	BDL
1,1,2-Trichloroethane	79-00-5	5.0	BDL
Trichloroethylene	79-01-6	5.0	BDL
Trichlorofluoromethane	75-69-4	5.0	BDL
Vinyl Chloride	75-01-4	10.0	BDL
Xylene (Total)	1330-20-7	5.0	BDL
Surrogate Recoveries:			
1,2-Dichloroethane-D4			114%
Toluene-D8			96%
Bromofluorobenzene			102%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

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COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5368
SAMPLE IDENTIFICATION: MW 3
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Dibenz(a,h)Anthracene	53-70-3	10.0	BDL
Dibenzofuran	132-64-9	10.0	BDL
Di-N-Butylphthalate	84-74-2	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
3,3'-Dichlorobenzidine	91-94-1	20.0	BDL
2,4-Dichlorophenol	120-83-2	10.0	BDL
2,6-Dichlorophenol	87-65-0	10.0	BDL
Diethylphthalate	84-66-2	10.0	BDL
A,A-Dimethylphenethylamine	122-09-8	10.0	BDL
2,4-Dimethylphenol	105-67-9	10.0	BDL
Dimethylphthalate	131-11-3	10.0	BDL
4,6-Dinitro-2-Methylphenol	534-52-1	50.0	BDL
2,4-Dinitrophenol	51-28-5	10.0	BDL
2,4-Dinitrotoluene	121-14-2	10.0	BDL
2,6-Dinitrotoluene	606-20-2	10.0	BDL
Diphenylamine	122-39-4	20.0	BDL
Di-N-Octylphthalate	117-84-0	10.0	BDL
Fluoranthene	206-44-0	10.0	BDL
Fluorene	86-73-7	10.0	BDL
Hexachlorobenzene	118-74-1	10.0	BDL
Hexachlorobutadiene	87-68-3	10.0	BDL
Hexachlorocyclopentadiene	77-47-4	10.0	BDL

H Y D R O L O G I C , I N C .

COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5368
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW 3
DATE SAMPLED: 5/4/94
DATE EXTRACTED: 5/6/94
DATE/TIME ANALYZED: 5/11/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acenaphthene	83-32-9	10.0	BDL
Acenaphthylene	208-96-8	10.0	BDL
Aniline	62-53-3	10.0	BDL
Anthracene	120-12-7	10.0	BDL
Benzidine	92-87-5	10.0	BDL
Benzoic Acid	65-85-0	50.0	BDL
Benzo(a)Anthracene	56-55-3	10.0	BDL
Benzo(b)Fluoranthene	205-99-2	10.0	BDL
Benzo(k)Fluoranthene	207-08-9	10.0	BDL
Benzo(g,h,i)Perylene	191-24-2	10.0	BDL
Benzo(a)Pyrene	50-32-8	10.0	BDL
Benzyl Alcohol	100-51-6	20.0	BDL
Bis(2-Chloroethoxy)Methane	111-91-1	10.0	BDL
Bis(2-Chloroethyl)Ether	111-44-4	10.0	BDL
Bis(2-Chloroisopropyl)Ether	39638-32-9	10.0	BDL
Bis(2-Ethylhexyl)Phthalate	117-81-7	10.0	BDL
4-Bromophenyl Phenyl Ether	101-55-3	10.0	BDL
Butyl Benzyl Phthalate	85-68-7	10.0	BDL
4-Chloroaniline	106-47-8	20.0	BDL
1-Chloronaphthalene		10.0	BDL
2-Chloronaphthalene	91-58-7	10.0	BDL
4-Chloro-3-Methyl Phenol	59-50-7	10.0	BDL
2-Chlorophenol	95-57-8	10.0	BDL
4-Chlorophenyl Phenyl Ether	7005-72-3	10.0	BDL
Chrysene	218-01-9	10.0	BDL

H Y D R O L O G I C , I N C .

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COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5368
SAMPLE IDENTIFICATION: MW 3
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Hexachloroethane	67-72-1	10.0	BDL
Indeno(1,2,3-cd)Pyrene	193-39-5	10.0	BDL
Isophorone	78-59-1	10.0	BDL
2-Methylnaphthalene	91-57-6	10.0	BDL
2-Methylphenol	95-48-7	10.0	BDL
4-Methylphenol	106-44-5	10.0	BDL
Naphthalene	91-20-3	10.0	BDL
2-Nitroaniline	88-74-4	50.0	BDL
3-Nitroaniline	99-09-2	50.0	BDL
4-Nitroaniline	100-01-6	50.0	BDL
Nitrobenzene	98-95-3	10.0	BDL
2-Nitrophenol	88-75-5	10.0	BDL
4-Nitrophenol	100-02-7	10.0	BDL
N-Nitroso-Di-N-Butylamine	924-16-3	50.0	BDL
N-Nitrosodimethylamine	62-75-9	10.0	BDL
N-Nitrosodiphenylamine	86-30-6	10.0	BDL
N-Nitrosodipropylamine	621-64-7	10.0	BDL
Pentachlorophenol	87-86-5	50.0	BDL
Phenanthrene	85-01-8	10.0	BDL
Phenol	108-95-2	10.0	BDL
Pyrene	129-00-0	10.0	BDL
1,2,4,5-Tetrachlorobenzene	95-94-3	10.0	BDL
2,3,4,6-Tetrachlorophenol	58-90-2	10.0	BDL
1,2,4-Trichlorobenzene	120-82-1	10.0	BDL

H Y D R O L O G I C , I N C .

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COMPANY NAME: Engineering TecTonics
COMPANY PROJECT NUMBER: AVEY CO. #90-247.01

HYDROLOGIC PROJECT NUMBER: FL94-5366
HYDROLOGIC SAMPLE NUMBER: 5368
SAMPLE IDENTIFICATION: MW 3
DATE SAMPLED: 5/4/94

METHOD EPA 8270

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
2,4,5-Trichlorophenol	95-95-4	10.0	BDL
2,4,6-Trichlorophenol	88-06-2	10.0	BDL
Surrogate Recovery:			
2-Fluorobiphenyl			18%
Nitrobenzene-d5			28%
4-Terphenyl-D14			48%
2-Fluorophenol			19%
Phenol-D5			24%
2,4,6-Tribromophenol			29%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: ESTIMATED QUANTITATION BASED ON REPEATED LOW SURROGATE RECOVERY DUE TO SAMPLE MATRIX INTERFERENCE.

H Y D R O L O G I C , I N C .

COMPANY NAME Engineering Tectonics CONTACT NAME Dan Bowser TELEPHONE NO. 910-724-6994

Samplers: Print Name Dan Bowser Signature Dan Bo

Project No: Avery Co. 90-247.01

ANALYSIS 94-53366

SAMPLE ID	SAMPLE LOCATION	Composite	Grab	Date	Time	Sample Type: Water	Liquid	Oil	Solid	No. of Containers										REMARKS
MW1			X	5/4	1:00	X				3										8270, 8240
MW2			X	5/4	2:00					3										8270, 8240
MW3			X	5/4	3:00					3										8270, 8240

COMMENTS:

Relinquished by: (Signature) Dan Bo			Received by: (Signature)	Date	Time
Relinquished by: (Signature)			Received by: (Signature)	Date	Time
Dispatched by: (Signature)	Date	Time	Received for Laboratory by: Christy Burge	Date 5/16/94	Time 9:30
Method of Shipment: Fed Ex. 9057193924				Date	Time

1491 Twilight Trail ☐ Frankfort, Kentucky 40601 ☐ 502/223-0251 ☐ FAX 502/875-8016 ☐ Toll Free 1-800/728-2251