10/5/93

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

Fac/Perm/Co ID #	Date	Doc ID#
BC	6 4 08	DIN

AVERY Co.

JAN 1995 Received Solid Waste Section

REPORT OF ANALYSES

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

PROJECT NAME: ENGINEER TECHT
DATE: 10/26/93

SAMPLE NUMBER- 27458 SAMPLE ID- MW 1 90247
DATE SAMPLED- 10/05/93 TIME SAMPLED- 1100 SAMPLER- DAN
DATE RECEIVED- 10/05/93 TIME RECEIVED- 1730
DELIVERED BY- dan RECEIVED BY- MLS

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
PH,LAB	EPA 150.1	/ /		10/07/93		MGN	7.7	std units
BOD	507	/ /		10/06/93	1000	MPE	<0.9	mg/l
TOTAL DISSOLVED SOLIDS	EPA160.1	/ /		10/07/93		MPE	134.0	mg/l
SPECIFIC CONDUCTIVITY	EPA 120.1	/ /		10/08/93		MGN	238.5	umhos
CHLORIDE	EPA 325.3	/ /		10/08/93	1300	PCP	40.9	mg/l
CHEMICAL OXYGEN DEMAND	EPA 410.4	/ /		10/13/93		PSH	209	mg/l
TOTAL ORGANIC CARBON		/ /		10/21/93		CEN	4.4	mg/l
FLUORIDE	EPA 340.2	/ /		10/10/93	1500	APT	<0.50	mg/l
NITRATE	EPA 352.1	/ /		10/06/93	1400	APT	1.01	mg/l
SULFATE	EPA 375.4	/ /		10/20/93	1900	ljp	4.6	mg/l
MERCURY, TOTAL	245.1	/ /		10/08/93	1500	BDL	<0.0002	mg/l
SILVER,TOTAL	200.7	10/06/93	KHJ	10/18/93	0953	BDL	<0.010	mg/l
ARSENIC, TOTAL	200.7	10/06/93	KHJ	10/19/93	0917	LJP	<0.007	mg/l
BARIUM, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	0.082	mg/l
CADMIUM, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	0.002	mg/l
CHROMIUM, TOTAL	200.7	10/06/93	KHJ	10/19/93	1243	LJP	0.014	mg/l
COPPER, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	0.088	mg/l
IRON, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	51.241	mg/l
LEAD, TOTAL	200.7	10/06/93	KHJ	10/19/93	0819	LJP	<0.010	mg/l
MANGANESE, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	3.934	mg/l
SELENIUM, TOTAL	200.7	10/06/93	KHJ	10/20/93	0917	LJP	<0.007	mg/l

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

CONTINUATION OF DATA FOR SAMPLE NUMBER 27458

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
ZINC, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	0.132	mg/l

TOX (Method 9020) MW-1 = 0.040 mg/l
TOC and TOX analysis performed by Cenref Labs, Brighton, CO.

LABORATORY DIRECTOR _____

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: ENGINEER TECHT
DATE: 10/26/93

SAMPLE NUMBER- 27459 SAMPLE ID- MW 2 90247
DATE SAMPLED- 10/05/93 TIME SAMPLED- 1300 SAMPLER- DAN
DATE RECEIVED- 10/05/93 TIME RECEIVED- 1730
DELIVERED BY- dan RECEIVED BY- MLS

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
PH, LAB	EPA 150.1	/ /		10/07/93		MGM	7.2	std units
BOD	507	/ /		10/06/93	1000	MPE	4.0	mg/l
TOTAL DISSOLVED SOLIDS	EPA160.1	/ /		10/07/93		MPE	141.0	mg/l
SPECIFIC CONDUCTIVITY	EPA 120.1	/ /		10/08/93		MGM	227.0	umhos
CHLORIDE	EPA 325.3	/ /		10/08/93	1300	PCP	24.2	mg/l
CHEMICAL OXYGEN DEMAND	EPA 410.4	/ /		10/13/93		PSH	18.7	mg/l
TOTAL ORGANIC CARBON		/ /		10/21/93		CEN	4.8	mg/l
FLUORIDE	EPA 340.2	/ /		10/10/93	1500	APT	<0.50	mg/l
NITRATE	EPA 352.1	/ /		10/06/93	1400	APT	0.16	mg/l
SULFATE	EPA 375.4	/ /		10/20/93	1900	ljp	7.5	mg/l
MERCURY, TOTAL	245.1	/ /		10/08/93	1500	BDL	0.0002	mg/l
SILVER, TOTAL	200.7	10/06/93	KHJ	10/18/93	0953	BDL	<0.010	mg/l
ARSENIC, TOTAL	200.7	10/06/93	KHJ	10/19/93	0917	LJP	0.019	mg/l
BARIUM, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	0.130	mg/l
CADMIUM, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	0.009	mg/l
CHROMIUM, TOTAL	200.7	10/06/93	KHJ	10/19/93	1243	LJP	0.017	mg/l
COPPER, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	0.013	mg/l
IRON, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	9.287	mg/l
LEAD, TOTAL	200.7	10/06/93	KHJ	10/19/93	0819	LJP	0.136	mg/l
MANGANESE, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	9.922	mg/l
SELENIUM, TOTAL	200.7	10/06/93	KHJ	10/20/93	0917	LJP	<0.007	mg/l

HYDROLOGIC, INC.

CONTINUATION OF DATA FOR SAMPLE NUMBER 27459

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
ZINC, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	0.190	mg/l

TOX (Method 9020) MW-2 = 0.043 mg/l
TOC and TOX analysis performed by Cenref Labs, Brighton, CO.

LABORATORY DIRECTOR _____

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: ENGINEER TECHT
DATE: 10/26/93

SAMPLE NUMBER- 27460 SAMPLE ID- MW 3 90247
DATE SAMPLED- 10/05/93 TIME SAMPLED- 1430 SAMPLER- DAN
DATE RECEIVED- 10/05/93 TIME RECEIVED- 1730
DELIVERED BY- dan RECEIVED BY- MLS

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
PH,LAB	EPA 150.1	/ /		10/07/93		MGN	6.9	std units
BOD	507	/ /		10/06/93	1000	MPE	8.1	mg/l
TOTAL DISSOLVED SOLIDS	EPA160.1	/ /		10/07/93		MPE	154.0	mg/l
SPECIFIC CONDUCTIVITY	EPA 120.1	/ /		10/08/93		MGN	125.0	umhos
CHLORIDE	EPA 325.3	/ /		10/08/93	1300	PCP	10.2	mg/l
CHEMICAL OXYGEN DEMAND	EPA 410.4	/ /		10/13/93		PSH	128	mg/l
TOTAL ORGANIC CARBON		/ /		10/21/93		CEN	7.2	mg/l
FLUORIDE	EPA 340.2	/ /		10/10/93	1500	APT	<0.50	mg/l
NITRATE	EPA 352.1	/ /		10/06/93	1400	APT	0.23	mg/l
SULFATE	EPA 375.4	/ /		10/20/93	1900	ljp	1.7	mg/l
MERCURY, TOTAL	245.1	/ /		10/08/93	1500	BDL	0.0004	mg/l
SILVER,TOTAL	200.7	10/06/93	KHJ	10/18/93	0953	BDL	<0.010	mg/l
ARSENIC, TOTAL	200.7	10/06/93	KHJ	10/19/93	0917	LJP	0.007	mg/l
BARIUM, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	0.155	mg/l
CADMIUM, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	0.015	mg/l
CHROMIUM, TOTAL	200.7	10/06/93	KHJ	10/19/93	1243	LJP	0.094	mg/l
COPPER, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	1.344	mg/l
IRON, TOTAL	200.7	10/06/93	KHJ	10/18/93	1414	BDL	36.702	mg/l
LEAD, TOTAL	200.7	10/06/93	KHJ	10/19/93	0819	LJP	0.141	mg/l
MANGANESE, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	7.506	mg/l
SELENIUM, TOTAL	200.7	10/06/93	KHJ	10/20/93	0917	LJP	<0.007	mg/l

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

CONTINUATION OF DATA FOR SAMPLE NUMBER 27460

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
ZINC, TOTAL	200.7	10/06/93	KHJ	10/19/93	0818	LJP	0.259	mg/l

TOX (Method 9020) MW-3 = 0.025 mg/l
TOC and TOX analysis performed by Cenref Labs, Brighton, CO.

LABORATORY DIRECTOR _____

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21889
SAMPLE IDENTIFICATION: MW-1 Engineering Tec
DATE SAMPLED: 10/5/93
DATE EXTRACTED: 10/08/93
DATE/TIME ANALYZED: 10/12/93

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

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21889
SAMPLE IDENTIFICATION: MW-1 Engineering Tec
DATE SAMPLED: 10/5/93

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: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21889
SAMPLE IDENTIFICATION: MW-1 Engineering Tec
DATE SAMPLED: 10/5/93

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: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21889
SAMPLE IDENTIFICATION: MW-1 Engineering Tec
DATE SAMPLED: 10/5/93

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			48%
Nitrobenzene-d5			66%
4-Terphenyl-D14			82%
2-Fluorophenol			62%
Phenol-D5			45%
2,4,6-Tribromophenol			61%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21890
SAMPLE IDENTIFICATION: MW-2 Engineering Tec
DATE SAMPLED: 10/5/93
DATE EXTRACTED: 10/08/93
DATE/TIME ANALYZED: 10/12/93

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

Page 2 continued

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21890
SAMPLE IDENTIFICATION: MW-2 Engineering Tec
DATE SAMPLED: 10/5/93

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: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21890
SAMPLE IDENTIFICATION: MW-2 Engineering Tec
DATE SAMPLED: 10/5/93

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

HYDROLOGIC

Page 4 continued

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21890
SAMPLE IDENTIFICATION: MW-2 Engineering Tec
DATE SAMPLED: 10/5/93

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			76%
Nitrobenzene-d5			81%
4-Terphenyl-D14			103%
2-Fluorophenol			27%
Phenol-D5			17%
2,4,6-Tribromophenol			41%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21891
SAMPLE IDENTIFICATION: MW-3 Engineering Tec
DATE SAMPLED: 10/5/93
DATE EXTRACTED: 10/08/93
DATE/TIME ANALYZED: 10/12/93

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

Page 2 continued

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21891
SAMPLE IDENTIFICATION: MW-3 Engineering Tec
DATE SAMPLED: 10/5/93

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: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21891
SAMPLE IDENTIFICATION: MW-3 Engineering Tec
DATE SAMPLED: 10/5/93

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

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21891
SAMPLE IDENTIFICATION: MW-3 Engineering Tec
DATE SAMPLED: 10/5/93

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			75%
4-Terphenyl-D14			93%
2-Fluorophenol			28%
Phenol-D5			15%
2,4,6-Tribromophenol			41%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

HYDROLOGIC INC

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21892
SAMPLE IDENTIFICATION: MW-1 Engineering Tec
DATE SAMPLED: 10/5/93
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 10/11/93

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acetone	67-64-1	100.0	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	10.0	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

Page 2 continued

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21892
SAMPLE IDENTIFICATION: MW-1 Engineering Tec
DATE SAMPLED: 10/5/93

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			94%
Toluene-D8			92%
Bromofluorobenzene			50%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21893
SAMPLE IDENTIFICATION: MW-2 Engineering Tec
DATE SAMPLED: 10/5/93
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 10/11/93

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acetone	67-64-1	100.0	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	10.0	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]9.6**
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**	**7**
1,2-Dichloroethane	107-06-2	5.0	BDL
1,1-Dichloroethene	75-35-4	5.0	BDL

Page 2 continued

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21893
SAMPLE IDENTIFICATION: MW-2 Engineering Tec
DATE SAMPLED: 10/5/93

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	93%
Toluene-D8	94%
Bromofluorobenzene	98%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21894
SAMPLE IDENTIFICATION: MW-3 Engineering Tec
DATE SAMPLED: 10/5/93
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 10/11/93

METHOD EPA 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acetone	67-64-1	100.0	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	10.0	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

Page 2 continued

COMPANY NAME: Hydrologic-Asheville, Inc

HYDROLOGIC PROJECT NUMBER: FL932425
HYDROLOGIC SAMPLE NUMBER: 21894
SAMPLE IDENTIFICATION: MW-3 Engineering Tec.
DATE SAMPLED: 10/5/93

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			92%
Toluene-D8			98%
Bromofluorobenzene			96%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

27458 - 27460

27458

27108

HydroLogic

NAME [illegible] CONTACT NAME Dan Fenser TELEPHONE NO. (607) 724-6060

Print Name [illegible] Signature [illegible]

[illegible]247 Avery Co.

E ID	SAMPLE LOCATION	Composite	Grab	Date	Time	Sample Type: Water	Liquid	Oil	Solid	No. of Containers	ANALYSIS: 624	625	BTE	VOC	Chloride	Fluoride	Nitrate	TCL	TCL	Sulfate	Metals	REMARKS
1			Y	10/5	11.00	Y				9												
2			Y	10/5	1.00	Y				9												
-3			Y	10/5	2:30	Y				9												

: [illegible]

[illegible]

l by: (Signature) [illegible]		Received by: (Signature) Lori Patton		Date 10/5/93	Time 1730
l by: (Signature)		Received by: (Signature)		Date	Time
y: (Signature)	Date	Time	Received for Laboratory by:	Date	Time
ipment:				Date	Time

P. O. Box 4204 • 1003 Twilight Trail • Frankfort, Ky 40604 • (502) 223-0251 Work • (502) 875-8016 Fax

01/27/1995 12:46 9197247095 ENGINEERING TECTONIC PAGE 26

ANSMISSION

Municipal Engineering Services Company, P.A.

Garner, North Carolina (919) 772-6385 Boone, North Carolina (704) 262-1787

Date

Larry Rose

Avery Test Results

Wayne

MMEDIATELY

TO:

COMPANY:

FAX NO.: 919 772-1176

RE: Lab Results

TOTAL PAGES 66

FROM: Dan Bowser

REPLY:

MESSAGE:

FAX (910) 724-7095

ENGINEERING TECTONICS, P.A.
CONSULTING ENGINEERS, GEOLOGISTS, HYDROLOGISTS
P.O. BOX I
WINSTON-SALEM, NORTH CAROLINA 27108
(910) 724-6994

06-01
5/4/94

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

Fac/Perm/Co ID #	Date	Doc ID#
OC	6/4/08	DIN

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 13029 / ASHEVILLE, NC 28814 / 122 LYMAN STREET / ASHEVILLE, NC 28801 / (704) 254-5169 / FAX: (704) 252-9711 / TOLL FREE: 1-800-231-8889

HYDROLOGIC, INC.

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 _____

3951 5- 5151 4

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

COMPANY NAME: Engineering Tectonics CONTACT NAME: Dan Bowser TELEPHONE NO. 910-724-6991

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	ANALYSIS: pH	TOC	TDS	Spec. Cond.	[redacted]	COD	Chloride	Fluoride	Nitrate	REMARKS
MW1			X	5/4	1:00	X				6										TOX
MW2			X		2:00	X				6										Sulfate
MW3			X		3:00	X				6										Arsenic
																				Barium
																				Cadmium
																				Chromium
																				Copper
																				Iron
																				Lead
																				Mercury
																				Selenium
																				Magnesium
																				Silver + Zinc

BOD

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

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

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

Benjamin Carl Esterle
Laboratory Director

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: 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: _____

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: 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 .

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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
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]
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

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

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 .

Page 2 continued

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: _____

Page 2 continued

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 .

Page 3 continued

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 .

Page 4 continued

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

94-53666

ANALYSIS

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 5/6/94	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

06-01
10/18/94

L Y D R O L O G

Fac/Perm/Co ID #	Date	Doc ID#
BC	6 14 108	DIN

JAN 1995
Received
Solid Waste
Section

FINAL REPORT OF ANALYSES

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

PROJECT NAME: 90-247.01 AVERY
REPORT DATE: 10/31/94

SAMPLE NUMBER- 52022 SAMPLE ID- [redacted]-2
DATE SAMPLED- 10/18/94
DATE RECEIVED- 10/19/94 SAMPLER- DAN
TIME RECEIVED- 1030 DELIVERED BY- FEDEX

SAMPLE MATRIX- WW
TIME SAMPLED- 1130
RECEIVED BY- PLB

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	DET. LIMIT
PH,LAB	EPA 150.1			10/19/94	LJP	6.6	std units	
BOD	507			10/20/94	MGN	2.4	mg/l	0.10
TOTAL DISSOLVED SOLIDS	EPA160.1			10/20/94	KHJ	114.0	mg/l	1.0
SPECIFIC CONDUCTIVITY	EPA 120.1			10/25/94	KHJ	215	umhos	
CHLORIDE	EPA 325.3			10/26/94	LJP	25.6	mg/l	0.50
CHEMICAL OXYGEN DEMAND	EPA 410.4			10/27/94	PSH	177	mg/l	10.0
TOTAL ORGANIC CARBON	EPA 415.1			10/21/94	HBT	7.3	mg/l	1.0
FLUORIDE	EPA 340.2			10/27/94	APT	< 0.50	mg/l	0.5
NITRATE	EPA 352.1			10/20/94	APT	0.14	mg/l	0.10
SULFATE	EPA 375.4			10/31/94	SLM	6.4	mg/l	1.0
MERCURY, TOTAL	245.1			10/21/94	LJP	< 0.0002	mg/l	0.0002
TOTAL ORGANIC HALIDES				10/21/94	HBT	0.055	MG/L	
SILVER,TOTAL	200.7	10/20/94	LJP	10/25/94	LJP	< 0.005	mg/l	0.005
ARSENIC, TOTAL	200.7	10/20/94	LJP	10/28/94	LJP	< 0.010	mg/l	0.010
BARIUM, TOTAL	200.7	10/20/94	LJP	10/21/94	LJP	0.110	mg/l	0.005
CADMIUM, TOTAL	200.7	10/20/94	LJP	10/24/94	LJP	0.002	mg/l	0.001
CHROMIUM, TOTAL	200.7	10/20/94	LJP	10/21/94	LJP	0.010	mg/l	0.005
COPPER, TOTAL	200.7	10/20/94	LJP	10/21/94	LJP	0.367	mg/l	0.005
IRON, TOTAL	200.7	10/20/94	LJP	10/21/94	LJP	21.505	mg/l	0.010
LEAD, TOTAL	6010	10/20/94	LJP	10/24/94	LJP	0.053	mg/l	0.010
MAGNESIUM, TOTAL	200.7	10/20/94	LJP	10/25/94	LJP	5.802	mg/l	0.010

X

X methods

HYDROLOGIC, INC.

CONTINUATION OF DATA FOR SAMPLE NUMBER 52022

ANALYSIS	METHOD	SAMPLE PREP. DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	DET. LIMIT
SELENIUM, TOTAL	200.7	10/20/94	LJP	10/27/94	LJP	< 0.010	mg/l	0.010
ZINC, TOTAL	200.7	10/20/94	LJP	10/24/94	LJP	0.058	mg/l	0.010

LABORATORY DIRECTOR

H Y D R O L O G I

FINAL REPORT OF ANALYSES

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

PROJECT NAME: 90-247.01 AVERY
REPORT DATE: 10/31/94

SAMPLE NUMBER- 52023 SAMPLE ID- [redacted]-3
DATE SAMPLED- 10/18/94
DATE RECEIVED- 10/19/94 SAMPLER- DAN
TIME RECEIVED- 1030 DELIVERED BY- FEDEX

SAMPLE MATRIX- WW
TIME SAMPLED- 1230
RECEIVED BY- PLB

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	DET. LIMIT
PH,LAB	EPA 150.1			10/19/94	LJP	6.2	std units	
BOD	507			10/20/94	MGN	2.4	mg/l	0.10
TOTAL DISSOLVED SOLIDS	EPA160.1			10/20/94	KHJ	87.0	mg/l	1.0
SPECIFIC CONDUCTIVITY	EPA 120.1			10/25/94	KHJ	221	umhos	
CHLORIDE	EPA 325.3			10/26/94	LJP	13.2	mg/l	0.50
CHEMICAL OXYGEN DEMAND	EPA 410.4			10/27/94	PSH	[illegible]65	mg/l	10.0
TOTAL ORGANIC CARBON	EPA 415.1			10/21/94	HBT	[illegible]0.0	mg/l	1.0
FLUORIDE	EPA 340.2			10/27/94	APT	< 0.50	mg/l	0.5
NITRATE	EPA 352.1			10/20/94	APT	0.11	mg/l	0.10
SULFATE	EPA 375.4			10/31/94	SLM	< 1.0	mg/l	1.0
MERCURY, TOTAL	245.1			10/21/94	LJP	< 0.0002	mg/l	0.0002
TOTAL ORGANIC HALIDES				10/21/94	HBT	0.093	MG/L	
SILVER,TOTAL	200.7	10/20/94	LJP	10/25/94	LJP	< 0.005	mg/l	0.005
ARSENIC, TOTAL	200.7	10/20/94	LJP	10/28/94	LJP	< 0.010	mg/l	0.010
BARIUM, TOTAL	200.7	10/20/94	LJP	10/21/94	LJP	0.203	mg/l	0.005
CADMIUM, TOTAL	200.7	10/20/94	LJP	10/24/94	LJP	0.007	mg/l	0.001
CHROMIUM, TOTAL	200.7	10/20/94	LJP	10/21/94	LJP	0.022	mg/l	0.005
COPPER, TOTAL	200.7	10/20/94	LJP	10/21/94	LJP	0.012	mg/l	0.005
IRON, TOTAL	200.7	10/20/94	LJP	10/21/94	LJP	[illegible]6.415	mg/l	0.010
LEAD, TOTAL	6010	10/20/94	LJP	10/24/94	LJP	[illegible]0.046	mg/l	0.010
MAGNESIUM, TOTAL	200.7	10/20/94	LJP	10/25/94	LJP	5.981	mg/l	0.010

H Y D R O L O G I C

CONTINUATION OF DATA FOR SAMPLE NUMBER 52023

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	DET. LIMIT
SELENIUM, TOTAL	200.7	10/20/94	LJP	10/27/94	LJP	< 0.010	mg/l	0.010
ZINC, TOTAL	200.7	10/20/94	LJP	10/24/94	LJP	0.025	mg/l	0.010

LABORATORY DIRECTOR

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

October 26, 1994

REPORTING:

Hydrologic-Asheville, Inc
122 Lyman Street
Asheville, NC 28801

Attention: Melissa Shook

INVOICING:

Hydrologic-Asheville, Inc
122 Lyman Street
Asheville, NC 28801

PROJECT NUMBER: FL9432235

DATE COMPLETED: October 26, 1994
DATE RECEIVED: October 20, 1994

PROJECT DESCRIPTION:

Engineering Tectonics--2 water samples analyzed for 8240/8270.

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 Jamie Fore. 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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32235
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW-2
DATE SAMPLED: 10/18/94
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 10/24/94

METHOD SW 846 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acetone	67-64-1	100.0	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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32235
SAMPLE IDENTIFICATION: MW-2
DATE SAMPLED: 10/18/94

METHOD SW 846 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			97%
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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32235
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW-2
DATE SAMPLED: 10/18/94
DATE EXTRACTED: 10/20/94
DATE/TIME ANALYZED: 10/25/94

METHOD SW 846 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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32235
SAMPLE IDENTIFICATION: MW-2
DATE SAMPLED: 10/18/94

METHOD SW 846 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 .

Page 3 continued

COMPANY NAME: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32235
SAMPLE IDENTIFICATION: MW-2
DATE SAMPLED: 10/18/94

METHOD SW 846 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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32235
SAMPLE IDENTIFICATION: MW-2
DATE SAMPLED: 10/18/94

METHOD SW 846 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			88%
Nitrobenzene-d5			94%
4-Terphenyl-D14			102%
2-Fluorophenol			100%
Phenol-D5			104%
2,4,6-Tribromophenol			86%

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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32236
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 10/18/94
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 10/24/94

METHOD SW 846 8240

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Acetone	67-64-1	100.0	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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32236
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 10/18/94

METHOD SW 846 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			94%
Toluene-D8			98%
Bromofluorobenzene			96%

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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32236
HYDROLOGIC LAB I.D.#: 399
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 10/18/94
DATE EXTRACTED: 10/20/94
DATE/TIME ANALYZED: 10/25/94

METHOD SW 846 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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32236
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 10/18/94

METHOD SW 846 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 .

Page 3 continued

COMPANY NAME: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32236
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 10/18/94

METHOD SW 846 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: Hydrologic-Asheville, Inc
COMPANY PROJECT NUMBER: ENGINEERING TECTONICS

HYDROLOGIC PROJECT NUMBER: FL9432235
HYDROLOGIC SAMPLE NUMBER: 32236
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 10/18/94

METHOD SW 846 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			100%
4-Terphenyl-D14			101%
2-Fluorophenol			109%
Phenol-D5			104%
2,4,6-Tribromophenol			83%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

52022 – 52023

HydroLogic

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

Samplers: Print Name: Dan Bowser Signature:

Project No: 90-247.01 Avery Co.

SAMPLE ID	SAMPLE LOCATION	Composite	Grab	Date	Time	Sample Type: Water	Liquid	Oil	Solid	No. of Containers	8240	8270	PH	TOC	TKN	SPEC. COND	CO3	CHLORIDE	FLORIDE	BOD	NO3 NITRATE	REMARKS
MW-2			X	10/8	11:30	X				7	X	X	X	X	X	X	X	X	X	X	XX	TOX
MW-3			X	10/8	12:30	X				7	X	X	X	X	X	X	X	X	X	X	XX	SULPHATES
																					XX	ARSENIC
																					XX	BARIUM
																					XX	CADMIUM
																					XX	CHROMIUM
																					XX	COPPER
																					XX	IRON
																					XX	LEAD
																					XX	MERCURY

COMMENTS: Price as agreed upon with Dave Roman (check previous billing) (XX → MW-2 & MW3)

SELENIUM
MAGNESIUM
SILVER
ZINC

Relinquished by: (Signature)			Received by: (Signature)	Date 10/9	Time 750
Relinquished by: (Signature)			Received by: (Signature)	Date	Time
Dispatched by: (Signature)	Date	Time	Received for Laboratory by:	Date	Time
Method of Shipment:				Date	Time

P. O. Box 4204 • 1003 Twilight Trail • Frankfort, Ky 40604 • (502) 223-0251 Work • (502) 875-8016 Fax