BCM

ATTACHMENT 3

SAMPLING LOCATION:	LF-7-30	LF-7-30	LF-7-30	LF-7-30	LF-7-30
SAMPLING DATE:	06/22/83	11/03/83	04/20/84	07/23/85	09/08/86
BCM SAMPLE NUMBER:	306968	313998 314002	406246 406242	513368 513578	617608

VOLATILE ORGANICS:

Total Xylenes	ug/l	NT	NT	<1.0	<1.0	NT
1,1,1-Trichloroethane	ug/l	0.3	<10.0	<1.0	<1.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	<1.0	<10.0	NT	NT	<5.0
1,1,2-Trichloroethane	ug/l	<1.0	<10.0	NT	NT	<5.0
1,1-Dichloroethane	ug/l	<1.0	<10.0	<1.0	<1.0	<5.0
1,1-Dichloroethene	ug/l	NT	<10.0	<1.0	<1.0	<5.0
1,2-Dichloroethane	ug/l	<1.0	<10.0	<1.0	<1.0	<5.0
1,2-Dichloropropane	ug/l	<2.0	<10.0	<1.0	<1.0	<5.0
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	<10.0
2-Chloroethylvinylether	ug/l	<1.0	<10.0	NT	NT	<10.0
2-Hexanone	ug/l	NT	NT	NT	NT	<10.0
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	NT	<10.0
Acetone	ug/l	NT	NT	NT	NT	<10.0
Acrolein	ug/l	<50.0	<100.0	NT	NT	NT
Acrylonitrile	ug/l	<50.0	<100.0	NT	NT	NT
Benzene	ug/l	<1.0	<10.0	3.1	<1.0	<5.0
Bromodichloromethane	ug/l	NT	<10.0	<1.0	<1.0	<5.0
Bromoform	ug/l	<2.0	<10.0	<1.0	<1.0	<5.0
Bromomethane (Methyl Bromide)	ug/l	<1.0	<10.0	<1.0	<1.0	<10.0
Carbon Disulfide	ug/l	NT	NT	NT	NT	<5.0
Carbon Tetrachloride	ug/l	<1.0	<10.0	<1.0	<1.0	<5.0
Chlorobenzene	ug/l	<1.0	<10.0	<1.0	<1.0	<5.0
Chloroethane	ug/l	<1.0	<10.0	<1.0	<1.0	<10.0
Chloroform	ug/l	<1.0	<10.0	<1.0	1.7	<5.0
Chloromethane (Methyl Chloride)	ug/l	<1.0	<10.0	<1.0	<1.0	<10.0
Cis-1,3-Dichloropropene	ug/l	NT	<10.0	<1.0	<1.0	<5.0
Dibromochloromethane	ug/l	<1.0	<10.0	NT	NT	<5.0
Dichlorodifluoromethane	ug/l	<1.0	NT	NT	NT	NT
Dichlorofluoromethane	ug/l	NT	<10.0	NT	NT	NT
Ethylbenzene	ug/l	<1.0	<10.0	<1.0	<1.0	<5.0
M-Xylene	ug/l	NT	NT	NT	NT	<5.0
Methylene Chloride	ug/l	150.0	<10.0	4.2	<1.0	1.0 J
O,P-Xylene	ug/l	NT	NT	NT	NT	<5.0
Styrene	ug/l	NT	NT	NT	NT	<5.0
Tetrachloroethene (PCE)	ug/l	<1.0	<10.0	<1.0	1.4	<5.0
Toluene	ug/l	<1.0	<10.0	<1.0	<1.0	<5.0
Trans-1,3-Dichloropropene	ug/l	NT	<10.0	<1.0	<1.0	<5.0

NT : NOT TESTED AS PART OF THIS STUDY.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-7-30	LF-7-30	LF-7-30	LF-7-30	LF-7-30
SAMPLING DATE:		06/22/83	11/03/83	04/20/84	07/23/85	09/08/86
BCM SAMPLE NUMBER:		306968	313998	406246	513588	617608
			314002	406242	513578	

VOLATILE ORGANICS: (CONT.)

Trichloroethene (TCE)	ug/l	<1.0	<10.0	<1.0	<1.0	<5.0
Trichlorofluoromethane	ug/l	<1.0	<10.0	<1.0	<1.0	NT
Vinyl Acetate	ug/l	NT	NT	NT	NT	<10.0
Vinyl Chloride	ug/l	<2.0	<10.0	<1 0	<1.0	<10.0
bis(Chloromethyl) ether	ug/l	<1.0	<10.0	<4.0	NT	NT
trans-1,2-Dichloroethene	ug/l	NT	<10.0	<1.0	<1.0	<5.0
Total Volatile Organics	mg/l	NT	BDL	BDL	NT	NT
Total Volatile Organics	ug/l	NT	BDL	7.3	3.1	1.3

TENTATIVELY IDENTIFIED VOLATILE ORGANICS

1,1'-OXYBIS-ETHANE	ug/l	--	--	--	--	4.0	J
Fluoranthene	ug/l	<10.0	--	--	--	--	
Total Tentatively Identified Volatiles	ug/l	--	--	--	--	4.0	

ACID EXTRACTABLE ORGANICS:

2,4,5-Trichlorophenol	ug/l	NT	NT	NT	NT	<20.0
2,4,6-Trichlorophenol	ug/l	NT	<25.0	<25.0	NT	<100.0
2,4-Dichlorophenol	ug/l	NT	<25.0	<25.0	NT	<20.0
2,4-Dimethylphenol	ug/l	NT	<25.0	<25.0	NT	<20.0
2,4-Dinitrophenol	ug/l	NT	<250.0	<250.0	NT	<100.0
2-Chlorophenol	ug/l	NT	<25.0	<25.0	NT	<20.0
2-Methylphenol (O-Cresol)	ug/l	NT	NT	NT	NT	<20.0
2-Nitrophenol	ug/l	NT	<25.0	<25.0	NT	<20.0
4,6-Dinitro-2-methylphenol	ug/l	NT	NT	NT	NT	<100.0
4,6-Dinitro-O-Cresol	ug/l	NT	<250.0	<250.0	NT	NT
4-Chloro-3-methylphenol	ug/l	NT	<25.0	<25.0	NT	NT
4-Methylphenol (P-Cresol)	ug/l	NT	NT	NT	NT	<20.0
4-Nitrophenol	ug/l	NT	<25.0	<25.0	NT	<100 0
Benzoic acid	ug/l	NT	NT	NT	NT	<100.0
M & P Cresols	ug/l	NT	NT	NT	NT	<20.0

NT : NOT TESTED AS PART OF THIS STUDY
-- : NONE DETECTED.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-7-30	LF-7-30	LF-7-30	LF-7-30	LF-7-30	
SAMPLING DATE:		06/22/83	11/03/83	04/20/84	07/23/85	09/08/86	
BCM SAMPLE NUMBER:		306968	313998	406246	513588	617608	
			314002	406242	513578		

ACID EXTRACTABLE ORGANICS (CONT.)

Pentachlorophenol	ug/l	NT	<25.0	<25.0	NT	<100.0	
Phenol	ug/l	NT	<25.0	<25.0	NT	<20.0	
Total Acid Extractables	ug/l	NT	BDL	BDL	NT	BDL	

BASE/NEUTRAL ORGANICS:

1,2,3,4-Tetrachlorobenzene	ug/l	NT	NT	NT	NT	<20.0	
1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
1,2-Dichlorobenzene	ug/l	<10.0	<10.0	<1.0	<1.0	<20.0	
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	<10.0	NT	NT	
1,3-Dichlorobenzene	ug/l	<10.0	<10.0	<1.0	<1.0	<20.0	
1,4-Dichlorobenzene	ug/l	<10.0	<10.0	<1.0	<1.0	<20.0	
2,4-Dinitrotoluene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
2-Chloronaphthalene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
2-Methylnaphthalene	ug/l	NT	NT	NT	NT	<20.0	
2-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	<10.0	NT	<40.0	
3-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
4-Chloroaniline	ug/l	NT	NT	NT	NT	<20.0	
4-Chlorophenyl-phenylether	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
4-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	
Acenaphthene	ug/l	<10.0	<10.0	<10.0	NT	2.0	J
Acenaphthylene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Anthracene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Benzidine	ug/l	<10.0	<10.0	<10.0	NT	NT	
Benzo(a)anthracene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Benzo(a)pyrene	ug/l	<10.0	<10.0	<10.0	NT	NT	
Benzo(b)fluoranthene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Benzo(g,h,i)perylene	ug/l	<10.0	<25.0	<25.0	NT	<20.0	
Benzo(k)fluoranthene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Benzyl alcohol	ug/l	NT	NT	NT	NT	<20.0	
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	<10.0	20.0	NT	3.0	J

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000052

SAMPLING LOCATION:		LF-7-30	LF-7-30	LF-7-30	LF-7-30	LF-7-30	
SAMPLING DATE:		06/22/83	11/03/83	04/20/84	07/25/85	09/08/86	
BCM SAMPLE NUMBER:		306968	313998	406246	313588	617608	
			314002	406242	313578		

BASE/NEUTRAL ORGANICS: (CONT.)

Butylbenzylphthalate	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Chrysene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Di-n-butylphthalate	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Di-n-octylphthalate	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	<25.0	NT	<20.0	
Dibenzofuran	ug/l	NT	NT	NT	NT	<20.0	
Diethylphthalate	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Dimethylphthalate	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Fluoranthene	ug/l	NT	<10.0	<10.0	NT	<20.0	
Fluorene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Hexachlorobenzene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Hexachlorobutadiene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Hexachloroethane	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Indeno(1,2,3-cd)pyrene	ug/l	<10.0	<25.0	<25.0	NT	<20.0	
Isophorone	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
N-Nitrosodimethylamine	ug/l	<10.0	<10.0	<10.0	NT	NT	
N-Nitrosodiphenylamine	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Naphthalene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Nitrobenzene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Phenanthrene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Pyrene	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
bis(2-Chloroethyl)ether	ug/l	<10.0	<10.0	<10.0	NT	11.0	J
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	<10.0	NT	<20.0	
Total Base/Neutral Organics	ug/l	NT	BDL	BDL	BDL	16.0	

TENTATIVELY IDENTIFIED SEMI-VOLATILE ORGANICS

(BUTOXYMETHYL)-OXIRANE	ug/l	--	--	--	--	22.0	J
2-[2-BUTOXYETHOXY)ETHOXY]-ETHANOL	ug/l	--	--	--	--	59.0	J
3METHYL5(1METLETHYL)METHYLCARBAMATEPHENO	ug/l	--	--	--	--	27.0	J
4,5DIHYDRO1,4,5TRIMETHYL1HTETRAZABOROLE(	ug/l	--	--	--	--	80.0	J

NT : NOT TESTED AS PART OF THIS STUDY.
-- : NONE DETECTED.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000069

SAMPLING LOCATION:		LF-7-30	LF-7-30	LF-7-30	LF-7-30	LF-7-30	
SAMPLING DATE:		06/22/83	11/03/83	04/20/84	07/23/85	09/08/86	
BCM SAMPLE NUMBER:		306968	313998	406246	513588	617608	
			314002	406242	513578		

TENTATIVELY IDENTIFIED SEMI-VOLATILE ORGANICS (CONT.)

4-(2,2,3,3-TETRAMETHYLBUTYL)-PHENOL	ug/l	--	--	--	--	32.0	J
HEXADECANOIC ACID	ug/l	--	--	--	--	13.0	J
MOL, (S8) SULFUR	ug/l	--	--	--	--	10.0	J
Unknown	ug/l	--	--	--	--	23.0	J
Unknown	ug/l	--	--	--	--	36.0	J
Unknown	ug/l	--	--	--	--	16.0	J
Unknown	ug/l	--	--	--	--	23.0	J
Unknown	ug/l	--	--	--	--	29.0	J
Unknown	ug/l	--	--	--	--	12.0	J
Unknown	ug/l	--	--	--	--	46.0	J
Unknown	ug/l	--	--	--	--	11.0	J
Total Tentatively Ident. Semi-Volatiles	ug/l	--	--	--	--	439.0	

PESTICIDES, PCB'S AND HERBICIDES:

2,4,5-TP	ug/l	NT	<0.5	<0.5	NT	NT
2,4-D	ug/l	NT	<1.0	<1.0	NT	NT
4,4'-DDD	ug/l	<10.0	<10.0	<10.0	NT	NT
4,4'-DDE	ug/l	<10.0	<10.0	<10.0	NT	NT
4,4'-DDT	ug/l	<10.0	<10.0	<10.0	NT	NT
Aldrin	ug/l	<10.0	<10.0	<10.0	NT	NT
Alpha-BHC	ug/l	<10.0	<10.0	<10.0	NT	NT
Beta-BHC	ug/l	<10.0	<10.0	<10.0	NT	NT
Chlordane	ug/l	<10.0	<10.0	<10.0	NT	NT
Delta-BHC	ug/l	<10.0	<10.0	<10.0	NT	NT
Dieldrin	ug/l	<10.0	<10.0	<10.0	NT	NT
Endosulfan I	ug/l	<10.0	<10.0	<10.0	NT	NT
Endosulfan II	ug/l	<10.0	<10.0	<10.0	NT	NT
Endosulfan Sulfate	ug/l	<10.0	<10.0	<10.0	NT	NT
Endrin	ug/l	<10.0	<10.0	<10.0	NT	NT
Endrin Aldehyde	ug/l	<10.0	<10.0	<10.0	NT	NT
Gamma-BHC (Lindane)	ug/l	<10.0	<10.0	<10.0	NT	NT
Heptachlor	ug/l	<10.0	<10.0	<10.0	NT	NT
Heptachlor Epoxide	ug/l	<10.0	<10.0	<10.0	NT	NT
PCB-1016	ug/l	<10.0	<10.0	<10.0	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
-- : NONE DETECTED.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-7-30	LF-7-30	LF-7-30	LF-7-30	LF-7-30
SAMPLING DATE:	06/22/83	11/03/83	04/20/84	07/23/85	09/08/86
RCM SAMPLE NUMBER:	306968	313998	406246	313388	617608
		314002	406242	313378	

PESTICIDES, PCB'S AND HERBICIDES: (CONT.)

PCB-1221	ug/l	<10.0	<10.0	<10.0	NT	NT
PCB-1232	ug/l	<10.0	<10.0	<10.0	NT	NT
PCB-1242	ug/l	<10.0	<10.0	<10.0	NT	NT
PCB-1248	ug/l	<10.0	<10.0	<10.0	NT	NT
PCB-1254	ug/l	<10.0	<10.0	<10.0	NT	NT
PCB-1260	ug/l	<10.0	<10.0	<10.0	NT	NT
Total PCB's	ug/l	NT	BDL JB	BDL JB	NT	NT
Toxaphene	ug/l	<10.0	<10.0	<10.0	NT	NT

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	NT	<0.1	<0.1	NT	NT
Acetone	mg/l	NT	<0.1	<0.1	NT	NT
Butyl Acrylate	mg/l	NT	<0.1	<0.1	NT	NT
Butyl Methacrylate	mg/l	NT	<10.0	<10.0	NT	NT
Cellosolve Acetate	mg/l	NT	<0.1	<0.1	NT	NT
DMCP	mg/l	NT	<0.01	0.01	NT	NT
Dithane	mg/l	NT	<0.02	<0.02	NT	NT
Ethanol	mg/l	NT	<0.1	<0.1	NT	NT
Ethyl Acetate	mg/l	NT	<0.1	<0.1	NT	NT
Ethyl Acrylate	mg/l	NT	<0.1	<0.1	NT	NT
Isobutyl Alcohol	mg/l	NT	<0.1	<0.1	NT	NT
Isopropyl Alcohol	mg/l	NT	<0.1	<0.1	NT	NT
Karathane	mg/l	NT	<0.01	<0.01	NT	NT
Methyl Methacrylate	mg/l	NT	<0.1	<0.1	NT	NT
Oil & Grease	mg/l	NT	2.0	<1.0	NT	NT
Styrene	mg/l	NT	<0.1	<0.1	NT	NT
Surfactants (MBAS)	mg/l	NT	0.482	0.722	NT	NT
Toluene	mg/l	NT	<0.1	<0.1	NT	NT
n-Butyl Alcohol	mg/l	NT	<0.1	<0.1	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-7-30	LF-7-30	LF-7-30	LF-7-30	LF-7-30
SAMPLING DATE:		06/22/83	11/03/83	04/20/84	07/25/85	09/08/86
BCM SAMPLE NUMBER:		306968	313998	406246	513588	617608
			314002	406242	513578	

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Barium	mg/l	NT	0.178	0.295	NT	NT
Boron	mg/l	NT	0.05	0.1	NT	NT
Chloride	mg/l	97.7	58.2	25.7	NT	NT
Cyanide	mg/l	<0.005	0.006	<0.005	NT	NT
Fluoride	mg/l	NT	0.12	0.16	NT	NT
Iron	mg/l	7.3	39.1	37.7	NT	NT
Manganese	mg/l	4.4	4.63	4.78	NT	NT
Nitrate as N	mg/l	NT	<0.05	<0.05	NT	NT
Nitrogen, Ammonia	mg/l	NT	2.34	55.0	117.0	125.0
P Alkalinity as CaCO3	mg/l	NT	6.0	2.0	NT	NT
Phosphate, Total as PO4	mg/l	NT	0.7	0.55	NT	NT
Potassium	mg/l	NT	16.5	18.4	NT	NT
Sodium	mg/l	115.0	98.8	82.6	NT	NT
Sulfate as SO4	mg/l	44.2	75.21	68.6	17.8	39.1
Sulfides as S	mg/l	NT	<1.0	3.0	NT	NT
Tin	mg/l	NT	<1.0	<1.0	NT	NT

METALS:

Antimony	mg/l	<0.20	<0.15	<0.17	NT	NT
Arsenic	mg/l	<0.001	<0.001	0.028	NT	NT
Beryllium	mg/l	<0.010	<0.01	<0.01	NT	NT
Cadmium	mg/l	<0.0002	0.0005	0.002	NT	NT
Chromium	mg/l	<0.004	0.013	<0.002	NT	NT
Copper	mg/l	<0.030	<0.03	<0.03	NT	NT
Lead	mg/l	0.002	0.002	0.023	NT	NT
Mercury	mg/l	0.0001	<0.0002	<0.0002	NT	NT
Nickel	mg/l	<0.100	<0.1	<0.1	NT	NT
Selenium	mg/l	<0.001	<0.001	<0.001	NT	NT
Silver	mg/l	<0.001	<0.001	<0.001	NT	NT
Thallium	mg/l	0.44	<0.3	<0.3	NT	NT
Zinc	mg/l	0.17	0.04	0.03	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-7-30	LF-7-30	LF-7-30	LF-7-30	LF-7-30
SAMPLING DATE:		06/22/83	11/03/83	04/20/84	07/23/85	09/08/86
BCM SAMPLE NUMBER:		306968	313998	406246	313388	617608
			314002	406242	313378	

INDICATOR PARAMETERS:

Biochemical Oxygen Demand (BOD)	mg/l	NT	60.0	38.0	NT	NT
Chemical Oxygen Demand (COD)	mg/l	NT	263.0	150.0	153.0	117.0
Lethane	mg/l	NT	<0.001	<0.001	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	NT	1190.0	1114.0	7215.0	1806.0
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	NT	810.0
Total Organic Carbon (TOC)	mg/l	62.0	364.0	89.0	NT	NT
Total Organic Halides	ug/l	130.0	97.0	129.0	NT	NT
pH-Laboratory	Std.Un	NT	6.7	6.3	6.9	6.9

OTHER PARAMETERS:

2,3,7,8-TCDD (Dioxin)	ug/l	<100.0	NT	NT	NT	NT
Gross B-Radioactivity	pc i/l	NT	11.0	11.0	NT	NT
Gross a-Radioactivity	pc i/l	NT	<2.0	<2.0	NT	NT
Total Phenolics	mg/l	NT	0.02	0.012	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

000070

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		11/01/83	04/20/84	07/25/85	10/25/85	01/15/86	04/15/86	09/03/86	12/31/86	03/26/87
BCM SAMPLE NUMBER:		313829	406247	313589	319397	600796	607173	617302	627778	707195
		313833	406243	313579	319390	600783		617292		
VOLATILE ORGANICS:										
Total Xylenes	ug/l	NT	<1.0	<1.0	4.3	6.7	3.8	<5.0	3.8	22.6
1,1,1-Trichloroethane	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	1.1	<5.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	<10.0	NT	NT	<1.0	<1.0	<1.0	<5.0	NT	NT
1,1,2-Trichloroethane	ug/l	<10.0	NT	NT	<1.0	<1.0	<1.0	<5.0	NT	NT
1,1-Dichloroethane	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
1,1-Dichloroethene	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	<10.0	<1.0	16.4	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	NT	NT	<10.0	NT	NT
2-Chloroethylvinylether	ug/l	<10.0	NT	NT	NT	NT	NT	<10.0	NT	NT
2-Hexanone	ug/l	NT	NT	NT	NT	NT	NT	<10.0	NT	NT
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	NT	NT	NT	<10.0	NT	NT
Acetone	ug/l	NT	NT	NT	NT	NT	NT	<10.0	15.5	NT
Acrolein	ug/l	<100.0	NT	NT	NT	NT	NT	NT	NT	NT
Acrylonitrile	ug/l	<100.0	NT	NT	NT	NT	NT	NT	NT	NT
Benzene	ug/l	49.0	<1.0	<1.0	6.3	15.8	20.1	12.0	<1.0	7.5
Bromodichloromethane	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
Bromoform	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
Bromomethane (Methyl Bromide)	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0
Carbon Disulfide	ug/l	NT	NT	NT	NT	NT	NT	<5.0	NT	NT
Carbon Tetrachloride	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
Chlorobenzene	ug/l	<10.0	<1.0	<1.0	10.5	10.7	19.1	7.9	<1.0	4.5
Chloroethane	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0
Chloroform	ug/l	<10.0	<1.0	7.3	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
Chloromethane (Methyl Chloride)	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0
Cis-1,3-Dichloropropene	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
Dibromochloromethane	ug/l	<10.0	NT	NT	<1.0	<1.0	<1.0	<5.0	NT	NT
Dichlorofluoromethane	ug/l	<10.0	NT	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.9	<1.0	3.0
M,P-Xylene	ug/l	NT	NT	NT	NT	NT	1.5	NT	NT	NT
M-Xylene	ug/l	NT	NT	NT	NT	NT	NT	<5.0	NT	NT
Methylene Chloride	ug/l	<10.0	4.3	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
O,P-Xylene	ug/l	NT	NT	NT	NT	NT	NT	<5.0	NT	NT
O-Xylene	ug/l	NT	NT	NT	NT	NT	4.3	NT	NT	NT
Styrene	ug/l	NT	NT	NT	NT	NT	NT	<5.0	NT	NT
Tetrachloroethene (PCE)	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
Toluene	ug/l	<10.0	<1.0	<1.0	1.0	<1.0	<1.0	<5.0	<1.0	4.6
Trans-1,3-Dichloropropene	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0

NT : NOT TESTED AS PART OF THIS STUDY.

000074

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		11/01/83	04/20/84	07/25/85	10/23/85	01/15/86	04/15/86	07/03/86	12/31/86	03/26/87
ECM SAMPLE NUMBER:		313829	406247	313589	519397	600796	607173	617302	627778	707195
		313833	406243	313579	519390	600783		617292		
VOLATILE ORGANICS (CONT.)										
Trichloroethene (TCE)	ug/l	<10.0	4.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
Trichlorofluoromethane	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	<1.0
Vinyl Acetate	ug/l	NT	NT	NT	NT	NT	NT	<10.0	NT	NT
Vinyl Chloride	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0
bis(Chloromethyl) ether	ug/l	<10.0	<4.0	NT	NT	NT	NT	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
Total Volatile Organics	ug/l	49.0	8.3	23.7	22.1	33.2	46.1	19.9	19.3	42.2
ACID EXTRACTABLE ORGANICS:										
2,4,5-Trichlorophenol	ug/l	NT	NT	NT	NT	NT	NT	<20.0	NT	NT
2,4,6-Trichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	<100.0	NT	<5.0
2,4-Dichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	<20.0	NT	<5.0
2,4-Dimethylphenol	ug/l	<25.0	47.0	NT	NT	NT	NT	<20.0	NT	55.0
2,4-Dinitrophenol	ug/l	<250.0	<250.0	NT	NT	NT	NT	<100.0	NT	<5.0
2-Chlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	<20.0	NT	<5.0
2-Methylphenol (O-Cresol)	ug/l	NT	NT	NT	NT	NT	NT	<20.0	NT	NT
2-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	<20.0	NT	85.0
4,6-Dinitro-2-methylphenol	ug/l	NT	NT	NT	NT	NT	NT	<100.0	NT	<5.0
4,6-Dinitro-O-Cresol	ug/l	<250.0	<250.0	NT	NT	NT	NT	NT	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	<20.0	NT	<5.0
4-Methylphenol (P-Cresol)	ug/l	NT	NT	NT	NT	NT	NT	<20.0	NT	NT
4-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	<100.0	NT	<5.0
Benzoic acid	ug/l	NT	NT	NT	NT	NT	NT	<100.0	NT	NT
M & P Cresols	ug/l	NT	NT	NT	NT	NT	NT	<20.0	NT	NT
Pentachlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	<100.0	NT	<5.0
Phenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	<20.0	NT	<5.0
Total Acid Extractables	ug/l	BDL	47.0	NT	NT	NT	NT	BDL	NT	140.0
BASE/NEUTRAL ORGANICS:										
1,2,3,4-Tetrachlorobenzene	ug/l	NT	NT	NT	NT	NT	NT	<20.0	NT	NT
1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

000072

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		11/01/83	09/20/84	07/25/85	10/25/85	01/15/86	04/15/86	09/03/86	12/31/86	03/26/87
BCM SAMPLE NUMBER:		313829	406247	513589	519397	600796	607173	617302	627778	707195
		313833	406243	513579	519390	600783		617292		
BASE/NEUTRAL ORGANICS: (CONT)										
1,2-Dichlorobenzene	ug/l	<10.0	<1.0	<1.0	8.9	<1.0	<1.0	<20.0	<1.0	<1.0
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	ug/l	<10.0	<1.0	<1.0	<1.0	<1.0	<1 0	<20.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	<10.0	<1 0	<1.0	<1.0	<1.0	<1.0	<20.0	<1.0	<1.0
2,4-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
2-Chloronaphthalene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
2-Methylnaphthalene	ug/l	NT	NT	NT	NT	NT	NT	<20.0	NT	NT
2-Nitroaniline	ug/l	NT	NT	NT	NT	NT	NT	<100.0	NT	NT
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	NT	NT	NT	NT	<40.0	NT	NT
3-Nitroaniline	ug/l	NT	NT	NT	NT	NT	NT	<100.0	NT	NT
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20 0	NT	NT
4-Chloroaniline	ug/l	NT	NT	NT	NT	NT	NT	<20 0	NT	NT
4-Chlorophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
4-Nitroaniline	ug/l	NT	NT	NT	NT	NT	NT	<100.0	NT	NT
Acenaphthene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Acenaphthylene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Anthracene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Benzidine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Benzo(a)pyrene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20 0	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	NT	NT	NT	NT	NT	<20.0	NT	NT
Benzo(g,h,i)perylene	ug/l	<25 0	<25.0	NT	NT	NT	NT	<20 0	NT	NT
Benzo(k)fluoranthene	ug/l	<10.0	<10 0	NT	NT	NT	NT	<20.0	NT	NT
Benzyl alcohol	ug/l	NT	NT	NT	NT	NT	NT	<20.0	NT	NT
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	44.0	NT	NT	NT	NT	<20.0	NT	NT
Butylbenzylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Chrysene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Di-n-butylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Di-n-octylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	2.0	NT	NT
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	NT	NT	NT	NT	<20.0	NT	NT
Dibenzofuran	ug/l	NT	NT	NT	NT	NT	NT	<20 0	NT	NT
Diethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20 0	NT	NT
Dimethylphthalate	ug/l	<10.0	<10 0	NT	NT	NT	NT	<20 0	NT	NT
Fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20 0	NT	NT
Fluorene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20 0	NT	NT
Hexachlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000073

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF 8-18	LF-8-18
SAMPLING DATE:		11/01/83	04/20/84	07/23/85	10/29/85	01/15/86	04/15/86	09/03/86	12/31/86	03/26/87
BCM SAMPLE NUMBER:		313829	406247	313389	319397	600796	607173	617302	627778	707195
		313833	406243	313379	319390	600783		617292		
BASE/NEUTRAL ORGANICS: (CONT.)										
Hexachlorobutadiene	ug/l	<10.0	<10 0	NT	NT	NT	NT	<20.0	NT	NT
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20 0	NT	NT
Hexachloroethane	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<25.0	NT	NT	NT	NT	<20.0	NT	NT
Isophorone	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20 0	NT	NT
N-Nitrosodimethylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20 0	NT	NT
Naphthalene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Nitrobenzene	ug/l	<10.0	<10 0	NT	NT	NT	NT	<20 0	NT	NT
Phenanthrene	ug/l	<10.0	<10 0	NT	NT	NT	NT	<20.0	NT	NT
Pyrene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10 0	NT	NT	NT	NT	<20 0	NT	NT
bis(2-Chloroethyl)ether	ug/l	<10.0	<10 0	NT	NT	NT	NT	<20.0	NT	NT
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	NT	NT	NT	NT	<20.0	NT	NT
Total Base/Neutral Organics	ug/l	BDL	44.0	BDL	8.9	BDL	BDL	2.0	BDL	BDL
TENTATIVELY IDENTIFIED SEMI VOLATILE ORGANICS										
(3-METHYLPHENOXY)-PYRIDINE (I)	ug/l	--	--	--	--	--	-	13.0 J	--	--
1,2,3-TRIMETHYL- (1.ALPHA.,2.ALPHA.,3. C	ug/l	--	--	--	--	--	--	8 0 J	-	--
2-[2-(2-BUTOXYETHOXY)ETHOXY]-ETHANOL (I)	ug/l	--	--	--	--	--	--	15 0 J	--	--
3-HYDROXY-3,5-DIMETHYL-2-HEXANONE (I)	ug/l	--	--	--	--	--	--	19.0 J	--	--
4,5DIHYDRO1,4,5TRIMETHYL1HTETRAZABOROLE(	ug/l	--	--	--	--	--	--	20 0 J	--	--
4-(2,2,3,3-TETRAMETHYLBUTYL)-PHENOL (I)	ug/l	-	--	--	--	--	--	38 0 J	--	--
TETRAETHYL ESTER DIPHOSPHORIC ACID (I)	ug/l	--	--	--	--	--	--	58 0 J	--	--
TRIETHYLESTER PHOSPHORIC ACID (I)	ug/l	--	-	--	-	--	-	30.0	--	-
Total Tentatively Ident. Semi-Volatiles	ug/l	--	-	--	--	--	-	174.0	--	-

NT : NOT TESTED AS PART OF THIS STUDY
-- : NONE DETECTED.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000094

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		11/01/83	04/20/84	07/23/85	10/23/85	01/15/86	04/15/86	09/03/86	12/31/86	03/26/87
BCM SAMPLE NUMBER:		313829 313833	406247 406243	513589 513579	519397 519390	600796 600783	607173	617302 617292	627778	707195
PESTICIDES, PCB'S AND HERBICIDES:										
2,4,5-TP	ug/l	<0.5	<0.5	NT	NT	NT	NT	NT	NT	NT
2,4-D	ug/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT
4,4'-DDD	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
4,4'-DDE	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
4,4'-DDT	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Aldrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Alpha-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Beta-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Chlordane	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Delta-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Dieldrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Endosulfan I	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Endosulfan II	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Endosulfan Sulfate	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Endrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Endrin Aldehyde	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Gamma-BHC (Lindane)	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Heptachlor	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
Heptachlor Epoxide	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
PCB-1016	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.5	NT	NT
PCB-1221	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.5	NT	NT
PCB-1232	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.5	NT	NT
PCB-1242	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.5	NT	NT
PCB-1248	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.5	NT	NT
PCB-1254	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.5	NT	NT
PCB-1260	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.5	NT	NT
Total PCB's	ug/l	BDL JB	BDL JB	NT	NT	NT	NT	BDL JB	NT	NT
Toxaphene	ug/l	<10.0	<10.0	NT	NT	NT	NT	<0.1	NT	NT
ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:										
2-Butanone (MEK)	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Acetone	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000073

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF 8-18	LF-8-18	LF-8-18
SAMPLING DATE:		11/01/83	04/20/84	07/25/85	10/23/85	01/15/86	04/15/86	09/03/86	12/31/86	03/26/87
BCM SAMPLE NUMBER:		313829	406247	313389	319397	600796	607173	617302	627778	707195
		313833	406243	313379	319390	600783		617292		
ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS: (CONT.)										
Butyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Butyl Methacrylate	mg/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Cellosolve Acetate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
DNCP	mg/l	<0.01	0.01	NT	NT	NT	NT	NT	NT	NT
Dithane	mg/l	<0.02	<0.02	NT	NT	NT	NT	NT	NT	NT
Ethanol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Ethyl Acetate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Ethyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Isobutyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Isopropyl Alcohol	mg/l	<0.1	13.1	NT	NT	NT	NT	NT	NT	NT
Karathane	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Methyl Methacrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Oil & Grease	mg/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT
Styrene	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Surfactants (MBAS)	mg/l	0.729	0.827	NT	NT	NT	NT	NT	NT	NT
Toluene	mg/l	NT	<0.1	NT	NT	NT	NT	NT	NT	NT
n-Butyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:										
Barium	mg/l	0.084	0.457	NT	NT	NT	NT	0.289	NT	NT
Boron	mg/l	0.81	0.6	NT	NT	NT	NT	NT	NT	NT
Chloride	mg/l	147.0	119.3	NT	NT	NT	NT	NT	NT	NT
Cyanide	mg/l	0.007	<0.005	NT	NT	NT	NT	0.007	NT	NT
Fluoride	mg/l	0.405	0.29	NT	NT	NT	NT	NT	NT	NT
Iron	mg/l	9.06	8.23	NT	NT	NT	NT	11.2	NT	NT
Manganese	mg/l	0.14	0.12	NT	NT	NT	NT	0.075	NT	NT
Nitrate as N	mg/l	<0.05	0.06	NT	NT	NT	NT	NT	NT	NT
Nitrogen, Ammonia	mg/l	142.0	139.0	109.0	101.1	96.0	138.0	101.0	82.5	57.5
P Alkalinity as CaCO3	mg/l	6.0	3.0	NT	NT	NT	NT	NT	NT	NT
Phosphate, Total as PO4	mg/l	1.6	0.61	NT	NT	NT	NT	NT	NT	NT
Potassium	mg/l	21.9	20.8	NT	NT	NT	NT	19.8	NT	NT
Sodium	mg/l	222.0	212.0	NT	NT	NT	NT	196.0	NT	NT
Sulfate as SO4	mg/l	6.09	20.0	6.82	7.35	11.8	10.1	4.3	121.0	259.0
Sulfides as S	mg/l	1.0	2.0	NT	NT	NT	NT	NT	NT	NT
Tin	mg/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

000076

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		11/01/83	04/20/84	07/25/85	10/25/85	01/15/86	04/15/86	09/03/86	12/31/86	03/26/87
BCM SAMPLE NUMBER:		313829	406247	513589	519397	600796	607173	617302	627778	707195
		313833	406243	513579	519390	600783		617292		
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS: (CONT.)										
Total Alkalinity as CaCO3	mg/l	6.0	8.0	NT	NT	NT	NT	NT	NT	NT
METALS:										
Aluminum	mg/l	NT	NT	NT	NT	NT	NT	0.715	NT	NT
Antimony	mg/l	<0.15	<0.17	NT	NT	NT	NT	<0.002	NT	NT
Arsenic	mg/l	0.118	0.085	NT	NT	NT	NT	0.068	NT	NT
Beryllium	mg/l	<0.01	<0.01	NT	NT	NT	NT	<0.01	NT	NT
Cadmium	mg/l	<0.0005	0.002	NT	NT	NT	NT	<0.0005	NT	NT
Calcium	mg/l	NT	NT	NT	NT	NT	NT	43.3	NT	NT
Chromium	mg/l	0.012	<0.002	NT	NT	NT	NT	0.002	NT	NT
Cobalt	mg/l	NT	NT	NT	NT	NT	NT	<0.02	NT	NT
Copper	mg/l	<0.03	<0.03	NT	NT	NT	NT	<0.02	NT	NT
Lead	mg/l	<0.002	0.014	NT	NT	NT	NT	<0.002	NT	NT
Magnesium	mg/l	NT	NT	NT	NT	NT	NT	14.7	NT	NT
Mercury	mg/l	0.0005	<0.0002	NT	NT	NT	NT	0.0005	NT	NT
Nickel	mg/l	<0.1	<0.1	NT	NT	NT	NT	<0.1	NT	NT
Selenium	mg/l	<0.001	<0.001	NT	NT	NT	NT	<0.004	NT	NT
Silver	mg/l	<0.001	<0.001	NT	NT	NT	NT	<0.005	NT	NT
Thallium	mg/l	<0.3	<0.3	NT	NT	NT	NT	<0.3	NT	NT
Vanadium	mg/l	NT	NT	NT	NT	NT	NT	<0.1	NT	NT
Zinc	mg/l	0.11	0.09	NT	NT	NT	NT	<0.01	NT	NT
INDICATOR PARAMETERS.										
Biochemical Oxygen Demand (BOD)	mg/l	93.0	67.0	NT	NT	NT	NT	NT	NT	42.0
Chemical Oxygen Demand (COD)	mg/l	123.0	320.0	145.0	100.0	103.0	195.0	73.0	138.0	108.0
Lethane	mg/l	<0.001	<0.001	NT	NT	NT	NT	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	2280.0	2019.0	2142.0	1500.0	1378.0	1312.0	1410.0	1505.0	1922.0
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	NT	NT	NT	674.0	NT	NT
Total Organic Carbon (TOC)	mg/l	23.0	171.0	NT	NT	NT	NT	NT	NT	NT
Total Organic Halides	ug/l	21.0	88.0	NT	NT	NT	NT	NT	NT	NT
pH-Laboratory	Std.Un	6.9	6.9	7.0	7.1	7.1	6.6	6.9	6.7	5.6

NT : NOT TESTED AS PART OF THIS STUDY

000073

SAMPLING LOCATION		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		11/01/83	04/20/84	07/23/83	10/23/83	01/15/86	04/15/86	09/03/86	12/31/86	03/26/87
BCM SAMPLE NUMBER:		313829	406247	313389	319397	600796	607173	617302	627778	707195
		313833	406243	313379	319390	600783		617292		
OTHER PARAMETERS:										
Gross B-Radioactivity	pc i/l	22.0	13.0	NT	NT	NT	NT	NT	NT	NT
Gross a-Radioactivity	pc i/l	7.0	9.0	NT	NT	NT	NT	NT	NT	NT
Total Phenolics	mg/l	<0.026	0.036	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

000048

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		06/15/87	09/25/87	03/29/88	10/03/88	03/21/89	09/26/89
BCM SAMPLE NUMBER:		714238	723277	808797	832830	908102	930261
PHYSICAL PROPERTIES:							
Temperature	deg. C	NT	NT	NT	NT	NT	18.0
pH-Field	Std.Un	NT	NT	NT	NT	6.89	6.81
VOLATILE ORGANICS:							
Total Xylenes	ug/l	NT	<1.0	NT	NT	NT	1.8
1,1,1-Trichloroethane	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	NT	NT	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	NT	NT	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	ug/l	NT	13.7	<1.0	5.4	<1.0	14.3
Bromodichloromethane	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane (Methyl Bromide)	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	NT	3.2	<1.0	<1.0	<1.0	2.5
Chloroethane	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane (Methyl Chloride)	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Cis-1,3-Dichloropropene	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	NT	NT	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
M-Xylene	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	ug/l	NT	<1.0	<1.0	<1.0	<1.0	2.9
O,P-Xylene	ug/l	NT	<1.0	<1.0	<1.0	NT	1.8
O-Xylene	ug/l	NT	NT	NT	NT	<1.0	NT
P-Xylene	ug/l	NT	NT	NT	NT	<1.0	NT
Tetrachloroethene (PCE)	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene (TCE)	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	ug/l	NT	<1.0	<1.0	<1.0	<1.0	<1.0

NT : NOT TESTED AS PART OF THIS STUDY.

000079

SAMPLING LOCATION:		LF-8-18	LF-8 18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		06/15/87	09/25/87	03/29/88	10/03/88	03/21/89	09/26/89
BCM SAMPLE NUMBER:		714238	723277	808797	832830	908102	930261
VOLATILE ORGANICS: (CONT.)							
Total Volatile Organics	ug/l	NT	17.9	BDL	NT	NT	NT
ACID EXTRACTABLE ORGANICS:							
2,4,6-Trichlorophenol	ug/l	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0
2,4-Dichlorophenol	ug/l	<5.0	<5.0	<5 0	<5.0	<10 0	<5 0
2,4-Dimethylphenol	ug/l	<5.0	<5.0	<5.0	<5.0	<10.0	<5 0
2,4-Dinitrophenol	ug/l	<5.0	<5 0	<5.0	9 6	<10.0	<5 0
2-Chlorophenol	ug/l	<5.0	<5 0	<5.0	19 0	<10.0	6.0
2-Nitrophenol	ug/l	<5.0	<5.0	<5.0	<5.0	<10.0	<5 0
4,6-Dinitro-2-methylphenol	ug/l	120.0	<5.0	<5.0	19.0	<10 0	<5 0
4-Chloro-3-methylphenol	ug/l	<5 0	<5.0	<5.0	7 0	<10 0	<5 0
4-Nitrophenol	ug/l	<5.0	<5.0	<5 0	29 0	<10.0	<5.0
Pentachlorophenol	ug/l	<5.0	<5.0	<5 0	32.0	<10.0	19 0
Phenol	ug/l	<5.0	<5.0	<5 0	19.0	<10.0	<5.0
Total Acid Extractables	ug/l	120 0	BDL	BDL	NT	NT	NT
BASE/NEUTRAL ORGANICS:							
1,2,4-Trichlorobenzene	ug/l	NT	NT	NT	NT	<10.0	NT
1,2-Dichlorobenzene	ug/l	NT	<1.0	<1.0	7.8	<1.0	<1.0
1,2-Diphenylhydrazine	ug/l	NT	NT	NT	NT	<10.0	NT
1,3-Dichlorobenzene	ug/l	NT	<1.0	<1.0	<1 0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	NT	<1 0	<1.0	<1.0	<1.0	<1.0
2,4-Dinitrotoluene	ug/l	NT	NT	NT	NT	<10.0	NT
2,6-Dinitrotoluene	ug/l	NT	NT	NT	NT	<10.0	NT
2-Chloronaphthalene	ug/l	NT	NT	NT	NT	<10.0	NT
3,3'-Dichlorobenzidine	ug/l	NT	NT	NT	NT	<10.0	NT
4-Bromophenyl-phenylether	ug/l	NT	NT	NT	NT	<10.0	NT
4-Chlorophenyl-phenylether	ug/l	NT	NT	NT	NT	<10.0	NT
Acenaphthene	ug/l	NT	NT	NT	NT	<10.0	NT
Acenaphthylene	ug/l	NT	NT	NT	NT	<10.0	NT
Anthracene	ug/l	NT	NT	NT	NT	<10.0	NT
Benzidine	ug/l	NT	NT	NT	NT	<10.0	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		06/15/87	09/23/87	03/29/88	10/03/88	03/21/89	09/26/89
BCM SAMPLE NUMBER:		714238	723277	808797	832830	908102	930261
BASE/NEUTRAL ORGANICS. (CONT.)							
Benzo(a)anthracene	ug/l	NT	NT	NT	NT	<10.0	NT
Benzo(a)pyrene	ug/l	NT	NT	NT	NT	<10.0	NT
Benzo(b)fluoranthene	ug/l	NT	NT	NT	NT	<10.0	NT
Benzo(g,h,i)perylene	ug/l	NT	NT	NT	NT	<10.0	NT
Benzo(k)fluoranthene	ug/l	NT	NT	NT	NT	<10.0	NT
Bis(2-Ethylhexyl)phthalate	ug/l	NT	NT	NT	NT	<10.0	NT
Butylbenzylphthalate	ug/l	NT	NT	NT	NT	<10.0	NT
Chrysene	ug/l	NT	NT	NT	NT	<10.0	NT
Di-n-butylphthalate	ug/l	NT	NT	NT	NT	<10.0	NT
Di-n-octylphthalate	ug/l	NT	NT	NT	NT	<10.0	NT
Dibenz(a,h)anthracene	ug/l	NT	NT	NT	NT	<10.0	NT
Diethylphthalate	ug/l	NT	NT	NT	NT	<10.0	NT
Dimethylphthalate	ug/l	NT	NT	NT	NT	<10.0	NT
Fluoranthene	ug/l	NT	NT	NT	NT	<10.0	NT
Fluorene	ug/l	NT	NT	NT	NT	<10.0	NT
Hexachlorobenzene	ug/l	NT	NT	NT	NT	<10.0	NT
Hexachlorobutadiene	ug/l	NT	NT	NT	NT	<10.0	NT
Hexachlorocyclopentadiene	ug/l	NT	NT	NT	NT	<10.0	NT
Hexachloroethane	ug/l	NT	NT	NT	NT	<10.0	NT
Indeno(1,2,3-cd)pyrene	ug/l	NT	NT	NT	NT	<10.0	NT
Isophorone	ug/l	NT	NT	NT	NT	<10.0	NT
N-Nitroso-Di-n-propylamine	ug/l	NT	NT	NT	NT	<10.0	NT
N-Nitrosodimethylamine	ug/l	NT	NT	NT	NT	<10.0	NT
N-Nitrosodiphenylamine	ug/l	NT	NT	NT	NT	<10.0	NT
Naphthalene	ug/l	NT	NT	NT	NT	<10.0	NT
Nitrobenzene	ug/l	NT	NT	NT	NT	<10.0	NT
Phenanthrene	ug/l	NT	NT	NT	NT	<10.0	NT
Pyrene	ug/l	NT	NT	NT	NT	<10.0	NT
bis(2-Chloroethoxy)methane	ug/l	NT	NT	NT	NT	<10.0	NT
bis(2-Chloroethyl)ether	ug/l	NT	NT	NT	NT	<10.0	NT
bis(2-Chloroisopropyl)ether	ug/l	NT	NT	NT	NT	<10.0	NT
bis(Chloromethyl)ether	ug/l	NT	NT	NT	NT	<10.0	NT
Total Base/Neutral Organics	ug/l	NT	BDL	BDL	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18	LF-8-18
SAMPLING DATE:		06/15/87	09/23/87	03/29/88	10/03/88	03/21/89	09/26/89
BCM SAMPLE NUMBER:		714238	723277	808797	832830	908102	730761
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:							
Nitrogen, Ammonia	mg/l	NT	93.8	71.5	64.0	58.8	81.0
Sulfate as SO4	mg/l	NT	42.0	132.0	21.0	50.0	3.0
INDICATOR PARAMETERS:							
Biochemical Oxygen Demand (BOD)	mg/l	NT	156.0	133.0	19.0	29.0	75.0
Chemical Oxygen Demand (COD)	mg/l	NT	114.0	71.0	141.0	125.0	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	NT	2355.0	NT	NT	1400.0	1800.0
pH-Laboratory	Std.Un	NT	7.2	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

000082

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/23/83	04/20/84	07/23/85	01/13/86	09/11/86	03/26/87	03/26/87	09/25/87	03/29/88
BCM SAMPLE NUMBER:		313436	406248	513390	600797	618040	707196	707197	723278	808798
SAMPLE ID:		313433	406244	513580	600784			DUP OF 707196		
VOLATILE ORGANICS:										
Total Xylenes	ug/l	NT	<1.0	<1.0	<1.0	<5.0	26.8	28.2	<1.0	NT
1,1,1-Trichloroethane	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	<10.0	NT	NT	<1.0	<5.0	NT	NT	NT	<1.0
1,1,2-Trichloroethane	ug/l	<10.0	NT	NT	<1.0	<5.0	NT	NT	NT	<1.0
1,1-Dichloroethane	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	14.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
2-Chloroethylvinylether	ug/l	<10.0	NT	NT	NT	<10.0	NT	NT	NT	NT
2-Hexanone	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
Acetone	ug/l	NT	NT	NT	NT	50.0	NT	NT	NT	NT
Acrolein	ug/l	<100.0	NT	NT	NT	NT	NT	NT	NT	NT
Acrylonitrile	ug/l	<100.0	NT	NT	NT	NT	NT	NT	NT	NT
Benzene	ug/l	<10.0	<1.0	<1.0	2.7	<5.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Bromomethane (Methyl Bromide)	ug/l	<10.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	ug/l	NT	NT	NT	NT	<5.0	NT	NT	NT	NT
Carbon Tetrachloride	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	<10.0	<1.0	<1.0	4.2	<5.0	4.5	2.8	6.3	4.1
Chloroethane	ug/l	<10.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	40.0	<1.0	5.3	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chloromethane (Methyl Chloride)	ug/l	<10.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0	<1.0
Cis-1,3-Dichloropropene	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	<10.0	NT	NT	<1.0	<5.0	NT	NT	NT	<1.0
Dichlorofluoromethane	ug/l	<10.0	NT	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	3.2	3.7	<1.0	<1.0
M-Xylene	ug/l	NT	NT	NT	NT	<5.0	NT	NT	<1.0	<1.0
Methylene Chloride	ug/l	<10.0	5.6	<1.0	<1.0	7.0	<1.0	<1.0	<1.0	<1.0
O,P-Xylene	ug/l	NT	NT	NT	NT	<5.0	NT	NT	<1.0	<1.0
Styrene	ug/l	NT	NT	NT	NT	<5.0	NT	NT	NT	NT
Tetrachloroethene (PCE)	ug/l	<12.0	6.6	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	1.4
Toluene	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene (TCE)	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0

NT : NOT TESTED AS PART OF THIS STUDY.

000083

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/25/83	04/20/84	07/25/85	01/15/86	09/11/86	03/26/87	03/26/87	09/25/87	03/29/88
BCM SAMPLE NUMBER:		313436	406248	313590	600797	618040	707196	707197	723278	808798
		313433	406249	313580	600789					
SAMPLE ID:								DUP OF 707196		
VOLATILE ORGANICS: (CONT.)										
Trichlorofluoromethane	ug/l	<10.0	<1.0	<1.0	<1.0	NT	<1.0	<1.0	<1.0	<1.0
Vinyl Acetate	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
Vinyl Chloride	ug/l	<10.0	<1.0	<1.0	<1.0	<10.0	<1.0	35.3	<1.0	<1.0
bis(Chloromethyl) ether	ug/l	<10.0	<4.0	NT	NT	NT	NT	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	<10.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Total Volatile Organics	mg/l	54.0	NT	NT	NT	NT	NT	NT	NT	NT
Total Volatile Organics	ug/l	NT	12.2	5.3	6.9	57.0	34.5	70.0	6.3	5.5
ACID EXTRACTABLE ORGANICS:										
2,4,5-Trichlorophenol	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
2,4,6-Trichlorophenol	ug/l	<25.0	<25.0	NT	NT	<100.0	<5.0	<5.0	<5.0	<5.0
2,4-Dichlorophenol	ug/l	<25.0	<25.0	NT	NT	<20.0	<5.0	<5.0	<5.0	<5.0
2,4-Dimethylphenol	ug/l	<25.0	<25.0	NT	NT	<20.0	<5.0	<5.0	<5.0	<5.0
2,4-Dinitrophenol	ug/l	<250.0	<250.0	NT	NT	<100.0	<5.0	<5.0	<5.0	<5.0
2-Chlorophenol	ug/l	<25.0	<25.0	NT	NT	<20.0	<5.0	<5.0	<5.0	<5.0
2-Methylphenol (O-Cresol)	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
2-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	<20.0	<5.0	<5.0	<5.0	<5.0
4,6-Dinitro-2-methylphenol	ug/l	NT	NT	NT	NT	<100.0	<5.0	<5.0	<5.0	<5.0
4,6-Dinitro-O-Cresol	ug/l	<250.0	<250.0	NT	NT	NT	NT	NT	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	<25.0	NT	NT	NT	<5.0	<5.0	<5.0	<5.0
4-Methylphenol (P-Cresol)	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
4-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	<100.0	<5.0	<5.0	<5.0	<5.0
Benzoic acid	ug/l	NT	NT	NT	NT	<100.0	NT	NT	NT	NT
M & P Cresols	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
Pentachlorophenol	ug/l	<25.0	<25.0	NT	NT	<100.0	<5.0	<5.0	<5.0	<5.0
Phenol	ug/l	<25.0	<25.0	NT	NT	<20.0	<5.0	<5.0	<5.0	<5.0
Total Acid Extractables	ug/l	BDL	BDL	NT	NT	BDL	BDL	BDL	BDL	BDL

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/25/83	04/20/84	07/25/85	01/15/86	09/11/86	03/26/87	03/26/87	09/25/87	03/29/88
BCM SAMPLE NUMBER:		313436	406248	513590	600797	618040	707196	707197	723278	808798
		313433	406244	513580	600784					
SAMPLE ID:								DUP OF 707196		
BASE/NEUTRAL ORGANICS:										
1,2,3,4-Tetrachlorobenzene	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
1,2-Dichlorobenzene	ug/l	<10.0	<1.0	<1.0	<1.0	<20.0	<1.0	<1.0	<1.0	<1.0
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	ug/l	<10.0	<1.0	<1.0	<1.0	<20.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	<10.0	<1.0	<1.0	<1.0	<20.0	<1.0	<1.0	<1.0	<1.0
2,4-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
2-Chloronaphthalene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
2-Methylnaphthalene	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
2-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	NT	NT	NT	NT
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	NT	NT	<40.0	NT	NT	NT	NT
3-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	NT	NT	NT	NT
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
4-Chloroaniline	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
4-Chlorophenyl-phenylether	ug/l	<10.0	<10 0	NT	NT	<20.0	NT	NT	NT	NT
4-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	NT	NT	NT	NT
Acenaphthene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Acenaphthylene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Anthracene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Benzidine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Benzo(a)pyrene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	NT	NT	NT	<20.0	NT	NT	NT	NT
Benzo(g,h,i)perylene	ug/l	<25.0	<25.0	NT	NT	<20.0	NT	NT	NT	NT
Benzo(k)fluoranthene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Benzyl alcohol	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	32.0	NT	NT	<20.0	NT	NT	NT	NT
Butylbenzylphthalate	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Chrysene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Di-n-butylphthalate	ug/l	<10 0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Di-n-octylphthalate	ug/l	<10.0	<10 0	NT	NT	<20.0	NT	NT	NT	NT
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	NT	NT	<20.0	NT	NT	NT	NT
Dibenzofuran	ug/l	NT	NT	NT	NT	<20.0	NT	NT	NT	NT
Diethylphthalate	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Dimethylphthalate	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Fluoranthene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

000083

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/23/83	04/20/84	07/23/85	01/13/86	09/11/86	03/26/87	03/26/87	07/23/87	03/29/88
BCM SAMPLE NUMBER:		313436	406248	513590	600797	618040	707196	707197	723278	803798
		313433	406244	513580	600784					
SAMPLE ID:								DUP OF 707196		
BASE/NEUTRAL ORGANICS: (CONT.)										
Fluorene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Hexachlorobenzene	ug/l	<10.0	<10 0	NT	NT	<20.0	NT	NT	NT	NT
Hexachlorobutadiene	ug/l	<10.0	<10 0	NT	NT	<20.0	NT	NT	NT	NT
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Hexachloroethane	ug/l	<10.0	<10.0	NT	NT	<20 0	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<25.0	NT	NT	<20.0	NT	NT	NT	NT
Isophorone	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
N-Nitroso-Di-n-propylamine	ug/l	<10 0	<10 0	NT	NT	<20.0	NT	NT	NT	NT
N-Nitrosodimethylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
N-Nitrosodiphenylamine	ug/l	<10 0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Naphthalene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Nitrobenzene	ug/l	<10 0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Phenanthrene	ug/l	<10 0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Pyrene	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
bis(2-Chloroethyl)ether	ug/l	<10.0	<10.0	NT	NT	<20 0	NT	NT	NT	NT
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	NT	NT	<20.0	NT	NT	NT	NT
Total Base/Neutral Organics	ug/l	BDL	32.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
TENTATIVELY IDENTIFIED SEMI-VOLATILE ORGANICS										
Unknown	ug/l	--	--	--	--	17.0 J	--	--	--	--
Total Tentatively Ident. Semi-Volatiles	ug/l	--	--	--	--	17.0	--	--	--	--
PESTICIDES, PCB'S AND HERBICIDES:										
2,4,5-TP	ug/l	<0.5	<0.5	NT	NT	NT	NT	NT	NT	NT
2,4-D	ug/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT
4,4'-DDD	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
4,4'-DDE	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
4,4'-DDT	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
-- : NONE DETECTED.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/25/83	04/20/84	07/25/85	01/15/86	09/11/86	03/26/87	03/26/87	09/25/87	03/29/88
BCM SAMPLE NUMBER:		313436	406248	513590	600797	618040	707196	707197	723278	808798
		313433	406244	513580	600784					
SAMPLE ID:								DUP OF 707196		
PESTICIDES, PCB'S AND HERBICIDES: (CONT.)										
Aldrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Alpha-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Beta-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Chlordane	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Delta-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Dieldrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endosulfan I	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endosulfan II	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endosulfan Sulfate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endrin Aldehyde	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Gamma-BHC (lindane)	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Heptachlor	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Heptachlor Epoxide	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1016	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1221	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1232	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1242	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1248	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1254	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1260	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Total PCB's	ug/l	BDL JB	BDL JB	NT	NT	NT	NT	NT	NT	NT
Toxaphene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:										
2-Butanone (MEK)	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Acetone	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Butyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Butyl Methacrylate	mg/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Cellosolve Acetate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
DMCP	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000089

SAMPLING LOCATION:		LF-9-Z0	LF-9-Z0	LF-9-Z0	LF-9-Z0	LF-9-Z0	LF-9-Z0	LF-9-Z0	LF-9-Z0	LF-9-Z0
SAMPLING DATE:		10/25/83	04/20/84	07/25/85	01/15/86	09/11/86	03/26/87	03/26/87	09/25/87	03/29/88
BCM SAMPLE NUMBER:		313436	406248	513590	600797	618040	707196	707197	723278	808798
		313433	406244	513580	600784					
SAMPLE ID:								DUP OF 707196		
ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS (CONT.)										
Dithane	mg/l	<0.02	<0.02	NT	NT	NT	NT	NT	NT	NT
Ethanol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Ethyl Acetate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Ethyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Isobutyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Isopropyl Alcohol	mg/l	<0.1	6.1	NT	NT	NT	NT	NT	NT	NT
Karathane	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Methyl Methacrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Oil & Grease	mg/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT
Styrene	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Surfactants (MBAS)	mg/l	0.99	0.199	NT	NT	NT	NT	NT	NT	NT
Toluene	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
n-Butyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:										
Barium	mg/l	0.179	0.465	NT	NT	NT	NT	NT	NT	NT
Boron	mg/l	0.2	0.2	NT	NT	NT	NT	NT	NT	NT
Chloride	mg/l	427.0	355.6	NT	NT	NT	NT	NT	NT	NT
Cyanide	mg/l	<0.005	<0.005	NT	NT	NT	NT	NT	NT	NT
Fluoride	mg/l	0.09	0.12	NT	NT	NT	NT	NT	NT	NT
Iron	mg/l	25.9	21.2	NT	NT	NT	NT	NT	NT	NT
Manganese	mg/l	8.63	4.52	NT	NT	NT	NT	NT	NT	NT
Nitrate as N	mg/l	<2.5	<0.05	NT	NT	NT	NT	NT	NT	NT
Nitrogen, Ammonia	mg/l	0.78	5.8	9.94	18.6	0.326	10.0	9.74	6.80	8.00
P Alkalinity as CaCO3	mg/l	5.0	5.0	NT	NT	NT	NT	NT	NT	NT
Phosphate, Total as PO4	mg/l	0.06	0.17	NT	NT	NT	NT	NT	NT	NT
Potassium	mg/l	8.96	7.54	NT	NT	NT	NT	NT	NT	NT
Sodium	mg/l	267.0	297.0	NT	NT	NT	NT	NT	NT	NT
Sulfate as SO4	mg/l	88.5	41.0	92.8	116.0	132.0	116.0	115.0	112.0	234.0
Sulfides as S	mg/l	<1.0	1.0	NT	NT	NT	NT	NT	NT	NT
Tin	mg/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

000088

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/23/83	04/20/84	07/23/85	01/13/86	09/11/86	03/26/87	03/26/87	09/23/87	03/29/88
BCM SAMPLE NUMBER:		313436	406248	513590	600797	618040	707196	707197	723278	808798
		313433	406244	513580	600784					
SAMPLE ID:								DUP OF 707196		
METALS:										
Antimony	mg/l	0.2	<0.17	NT	NT	NT	NT	NT	NT	NT
Arsenic	mg/l	0.004	0.029	NT	NT	NT	NT	NT	NT	NT
Beryllium	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Cadmium	mg/l	0.0011	0.003	NT	NT	NT	NT	NT	NT	NT
Chromium	mg/l	0.013	<0.002	NT	NT	NT	NT	NT	NT	NT
Copper	mg/l	<0.03	<0.03	NT	NT	NT	NT	NT	NT	NT
Lead	mg/l	<0.002	0.014	NT	NT	NT	NT	NT	NT	NT
Mercury	mg/l	<0.0002	0.0048	NT	NT	NT	NT	NT	NT	NT
Nickel	mg/l	0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Selenium	mg/l	<0.001	<0.001	NT	NT	NT	NT	NT	NT	NT
Silver	mg/l	<0.001	<0.001	NT	NT	NT	NT	NT	NT	NT
Thallium	mg/l	<0.3	<0.3	NT	NT	NT	NT	NT	NT	NT
Zinc	mg/l	0.21	0.14	NT	NT	NT	NT	NT	NT	NT
INDICATOR PARAMETERS.										
Biochemical Oxygen Demand (BOD)	mg/l	250.0	28.0	NT	NT	NT	52.0	90.0	60.0	66.0
Chemical Oxygen Demand (COD)	mg/l	419.0	51.0	226.0	147.0	331.0	486.0	472.0	395.0	49.0
Lethane	mg/l	<0.001	0.001	NT	NT	NT	NT	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	1764.0	1860.0	8610.0	10935.0	11489.0	10804.0	10583.0	9021.0	NT
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	NT	8151.0	NT	NT	NT	NT
Total Organic Carbon (TOC)	mg/l	187.0	14.0	NT	NT	NT	NT	NT	NT	NT
Total Organic Halides	ug/l	247.0	109.0	NT	NT	NT	NT	NT	NT	NT
pH-Laboratory	Std.Un	5.7	6.3	6.1	6.3	6.3	5.6	5.5	7.3	NT
OTHER PARAMETERS:										
2,3,7,8-TCDD (Dioxin)	ppb	<0.0003	<0.0009	NT	NT	NT	NT	NT	NT	NT
Gross B-Radioactivity	pc i/l	11.0	13.0	NT	NT	NT	NT	NT	NT	NT
Gross a-Radioactivity	pc i/l	<2.0	<2.0	NT	NT	NT	NT	NT	NT	NT
Total Phenolics	mg/l	0.026	0.003	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/03/88	03/21/89	09/26/89	09/26/89
BCM SAMPLE NUMBER:		832831	908103	930262	930263
SAMPLE ID:					DUP OF 930262
PHYSICAL PROPERTIES:					
Temperature	deg. c	NT	NT	19.0	19.0
pH-Field	Std.Un	NT	6.30	6.50	6.50
VOLATILE ORGANICS:					
Total Xylenes	ug/l	NT	NT	<1.0	<1.0
1,1,1-Trichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	<1.0	<1.0	<1.0	<1.0
Benzene	ug/l	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/l	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	<1.0	<1.0	<1.0	<1.0
Bromomethane (Methyl Bromide)	ug/l	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride	ug/l	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	<1.0	<1.0	2.9	<1.0
Chloroethane	ug/l	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	<1.0	<1.0	<1.0	<1.0
Chloromethane (Methyl Chloride)	ug/l	<1.0	<1.0	<1.0	<1.0
Cis-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	ug/l	<1.0	<1.0	<1.0	<1.0
M-Xylene	ug/l	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	ug/l	<1.0	<1.0	3.1	2.9
O,P-Xylene	ug/l	<1.0	NT	<1.0	<1.0
O-Xylene	ug/l	NT	<1.0	NT	NT
P-Xylene	ug/l	NT	<1.0	NT	NT
Tetrachloroethene (PCE)	ug/l	<1.0	<1.0	<1.0	<1.0
Toluene	ug/l	<1.0	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0
Trichloroethene (TCE)	ug/l	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	ug/l	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	ug/l	<1.0	<1.0	<1.0	<1.0

NT : NOT TESTED AS PART OF THIS STUDY.

060090

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/03/88	03/21/89	09/26/89	09/26/89
BCM SAMPLE NUMBER:		832831	908103	930262	930263
SAMPLE ID:					DUP OF 930262
VOLATILE ORGANICS: (CONT.)					
trans-1,2-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0
ACID EXTRACTABLE ORGANICS:					
2,4,6-Trichlorophenol	ug/l	30.0	<10.0	<5.0	<5.0
2,4-Dichlorophenol	ug/l	15.0	<10.0	<5.0	<5.0
2,4-Dimethylphenol	ug/l	16.0	17.0	<5.0	<5.0
2,4-Dinitrophenol	ug/l	20.0	<10.0	<5.0	<5.0
2-Chlorophenol	ug/l	51 0	<10.0	<5.0	<5.0
2-Nitrophenol	ug/l	22.0	<10.0	<5.0	<5.0
4,6-Dinitro-2-methylphenol	ug/l	<5.0	<10.0	6.0	<5.0
4-Chloro-3-methylphenol	ug/l	80.0	<10.0	<5.0	<5.0
4-Nitrophenol	ug/l	<5.0	<10.0	<5.0	<5.0
Pentachlorophenol	ug/l	140.0	<10.0	<5.0	<5.0
Phenol	ug/l	51.0	<10.0	<5.0	<5.0
BASE/NEUTRAL ORGANICS:					
1,2,4-Trichlorobenzene	ug/l	NT	<10.0	NT	NT
1,2-Dichlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0
1,2-Diphenylhydrazine	ug/l	NT	<10 0	NT	NT
1,3-Dichlorobenzene	ug/l	<1 0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0
2,4-Dinitrotoluene	ug/l	NT	<10.0	NT	NT
2,6-Dinitrotoluene	ug/l	NT	<10 0	NT	NT
2-Chloronaphthalene	ug/l	NT	<10.0	NT	NT
3,3'-Dichlorobenzidine	ug/l	NT	<10.0	NT	NT
4-Bromophenyl-phenylether	ug/l	NT	<10.0	NT	NT
4-Chlorophenyl-phenylether	ug/l	NT	<10.0	NT	NT
Acenaphthene	ug/l	NT	<10.0	NT	NT
Acenaphthylene	ug/l	NT	<10 0	NT	NT
Anthracene	ug/l	NT	<10.0	NT	NT
Benzidine	ug/l	NT	<10.0	NT	NT
Benzo(a)anthracene	ug/l	NT	<10.0	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-9-20	LF-9-70	LF-9-20	LF-9-20
SAMPLING DATE:		10/03/88	03/21/89	09/26/89	09/26/89
BCM SAMPLE NUMBER:		832831	908103	930262	930263
SAMPLE ID:					DUP OF 930262
BASE/NEUTRAL ORGANICS: (CONT.)					
Benzo(a)pyrene	ug/l	NT	<10.0	NT	NT
Benzo(b)fluoranthene	ug/l	NT	<10.0	NT	NT
Benzo(g,h,i)perylene	ug/l	NT	<10.0	NT	NT
Benzo(k)fluoranthene	ug/l	NT	<10.0	NT	NT
Bis(2-Ethylhexyl)phthalate	ug/l	NT	134.0	NT	NT
Butylbenzylphthalate	ug/l	NT	22.0	NT	NT
Chrysene	ug/l	NT	<10.0	NT	NT
Di-n-butylphthalate	ug/l	NT	47.0	NT	NT
Di-n-octylphthalate	ug/l	NT	<10.0	NT	NT
Dibenz(a,h)anthracene	ug/l	NT	<10.0	NT	NT
Diethylphthalate	ug/l	NT	<10.0	NT	NT
Dimethylphthalate	ug/l	NT	<10.0	NT	NT
Fluoranthene	ug/l	NT	<10.0	NT	NT
Fluorene	ug/l	NT	<10.0	NT	NT
Hexachlorobenzene	ug/l	NT	<10.0	NT	NT
Hexachlorobutadiene	ug/l	NT	<10.0	NT	NT
Hexachlorocyclopentadiene	ug/l	NT	<10.0	NT	NT
Hexachloroethane	ug/l	NT	<10.0	NT	NT
Indeno(1,2,3-cd)pyrene	ug/l	NT	<10.0	NT	NT
Isophorone	ug/l	NT	<10.0	NT	NT
N-Nitroso-Di-n-propylamine	ug/l	NT	<10.0	NT	NT
N-Nitrosodimethylamine	ug/l	NT	<10.0	NT	NT
N-Nitrosodiphenylamine	ug/l	NT	<10.0	NT	NT
Naphthalene	ug/l	NT	<10.0	NT	NT
Nitrobenzene	ug/l	NT	<10.0	NT	NT
Phenanthrene	ug/l	NT	<10.0	NT	NT
Pyrene	ug/l	NT	<10.0	NT	NT
bis(2-Chloroethoxy)methane	ug/l	NT	<10.0	NT	NT
bis(2-Chloroethyl)ether	ug/l	NT	<10.0	NT	NT
bis(2-Chloroisopropyl)ether	ug/l	NT	<10.0	NT	NT
bis(Chloromethyl)ether	ug/l	NT	<10.0	NT	NT
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:					
Nitrogen, Ammonia	mg/l	7.0	<0.10	6.28	9.61
Sulfate as SO4	mg/l	120.0	60.0	63.0	85.0

NT : NOT TESTED AS PART OF THIS STUDY.

000092

SAMPLING LOCATION:		LF-9-20	LF-9-20	LF-9-20	LF-9-20
SAMPLING DATE:		10/03/88	03/21/89	09/26/89	09/26/89
BCM SAMPLE NUMBER:		832831	908103	930262	930263
SAMPLE ID:					DUP OF 930262

INDICATOR PARAMETERS:

Biochemical Oxygen Demand (BOD)	mg/l	4.0	18.0	540.0	720.0
Chemical Oxygen Demand (COD)	mg/l	298.0	268.0	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	NT	4850.0	4650.0	4650.0

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-16-37	LF-16-37	LF-16-37	LF-16-37	LF-16-37
SAMPLING DATE:		02/06/84	04/25/84	07/29/85	01/15/86	09/05/86
BCM SAMPLE NUMBER:		401704	406454	513730	600802	617473
		401696	406448	513720	600789	

VOLATILE ORGANICS

Total Xylenes	ug/l	NT	<1.0	<1.0	<1.0	<5.0
1,1,1-Trichloroethane	ug/l	<1 0	<1.0	<1.0	<1.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	<1.0	NT	NT	NT	<5.0
1,1,2-Trichloroethane	ug/l	<1.0	NT	NT	NT	<5 0
1,1-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,1-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,2-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,2-Dichloroethene(total)	ug/l	NT	NT	NT	NT	<5.0
1,2-Dichloropropane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	<10.0
2-Chloroethylvinylether	ug/l	NT	NT	NT	NT	<10.0
2-Hexanone	ug/l	NT	NT	NT	NT	<10.0
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	NT	<10.0
Acetone	ug/l	NT	NT	NT	NT	<10 0
Benzene	ug/l	<0.1	<1 0	<1.0	<1.0	<5 0
Bromodichloromethane	ug/l	<1.0	<1.0	<1 0	<1.0	<5 0
Bromoform	ug/l	<1 0	<1.0	<1.0	<1.0	<5 0
Bromomethane (Methyl Bromide)	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
Carbon Disulfide	ug/l	NT	NT	NT	NT	<5.0
Carbon Tetrachloride	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Chlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Chloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
Chloroform	ug/l	<1.0	<1.0	1.1	<1.0	<5.0
Chloromethane (Methyl Chloride)	ug/l	<1.0	<1.0	<1 0	<1.0	<10.0
Cis-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Dibromochloromethane	ug/l	<1.0	NT	NT	NT	<5.0
Ethylbenzene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0
M-Xylene	ug/l	NT	NT	NT	NT	<5.0
Methylene Chloride	ug/l	4.4	<1.0	<1.0	<1.0	<5 0
O,P-Xylene	ug/l	NT	NT	NT	NT	<5.0
Styrene	ug/l	NT	NT	NT	NT	<5.0
Tetrachloroethene (PCE)	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Toluene	ug/l	<0 1	<1.0	<1 0	<1.0	<5.0
Trans-1,3-Dichloropropene	ug/l	<1.0	<1 0	<1.0	<1.0	<5 0
Trichloroethene (TCE)	ug/l	<1.0	<1 0	<1.0	<1.0	<5.0
Trichlorofluoromethane	ug/l	<1.0	<1.0	<1.0	<1.0	NT
Vinyl Acetate	ug/l	NT	NT	NT	NT	<10.0
Vinyl Chloride	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0

NT : NOT TESTED AS PART OF THIS STUDY.

000094

SAMPLING LOCATION:		LF-16-37	LF-16-37	LF-16-37	LF-16-37	LF-16-37
SAMPLING DATE:		02/06/84	09/25/84	07/29/85	01/15/86	09/05/86
BCM SAMPLE NUMBER:		401704	406454	513730	600802	617473
		401696	406448	513720	600789	

VOLATILE ORGANICS: (CONT.)

bis(Chloromethyl) ether	ug/l	NT	<4.0	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Total Volatile Organics	ug/l	BDL	BDL	NT	NT	NT
Total Volatile Organics	ug/l	4.4	BDL	1.1	BDL	BDL

ACID EXTRACTABLE ORGANICS:

2,4,6-Trichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT
2,4-Dichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT
2,4-Dimethylphenol	ug/l	<25.0	<25.0	NT	NT	NT
2,4-Dinitrophenol	ug/l	<250.0	<250.0	NT	NT	NT
2-Chlorophenol	ug/l	<25.0	<25.0	NT	NT	NT
2-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT
4,6-Dinitro-O-Cresol	ug/l	<250.0	<250.0	NT	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	<25.0	NT	NT	NT
4-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT
Pentachlorophenol	ug/l	<25.0	<25.0	NT	NT	NT
Phenol	ug/l	<25.0	<25.0	NT	NT	NT
Total Acid Extractables	ug/l	BDL	BDL	NT	NT	NT

BASE/NEUTRAL ORGANICS:

1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT
1,2-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<1.0	NT
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	NT	NT	NT
1,3-Dichlorobenzene	ug/l	<0.3	<1.0	<1.0	<1.0	NT
1,4-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<1.0	NT
2,4-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT
2-Chloronaphthalene	ug/l	<10.0	<10.0	NT	NT	NT
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	NT	NT	NT
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT
4-Chlorophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:		LF-16-37	LF-16-37	LF-16-37	LF-16-37	LF-16-37
SAMPLING DATE:		02/06/89	09/23/89	07/29/85	01/13/86	09/03/86
BCM SAMPLE NUMBER:		401704	406434	313730	600802	617473
		401696	406448	313720	600789	

BASE/NEUTRAL ORGANICS: (CONT.)

Acenaphthene	ug/l	<10.0	<10.0	NT	NT	NT
Acenaphthylene	ug/l	<10.0	<10.0	NT	NT	NT
Anthracene	ug/l	<10.0	<10.0	NT	NT	NT
Benzidine	ug/l	<10.0	<10.0	NT	NT	NT
Benzo(a)anthracene	ug/l	<10.0	<10.0	NT	NT	NT
Benzo(a)pyrene	ug/l	<10.0	<10.0	NT	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT
Benzo(g,h,i)perylene	ug/l	<25.0	<25.0	NT	NT	NT
Benzo(k)fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	76.0	NT	NT	NT
Butylbenzylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Chrysene	ug/l	<10.0	<10.0	NT	NT	NT
Di-n-butylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Di-n-octylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	NT	NT	NT
Diethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Dimethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT
Fluorene	ug/l	<10.0	<10.0	NT	NT	NT
Hexachlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT
Hexachlorobutadiene	ug/l	<10.0	<10.0	NT	NT	NT
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	NT	NT	NT
Hexachloroethane	ug/l	<10.0	<10.0	NT	NT	NT
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<25.0	NT	NT	NT
Isophorone	ug/l	<10.0	<10.0	NT	NT	NT
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<10.0	NT	NT	NT
N-Nitrosodimethylamine	ug/l	<10.0	<10.0	NT	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	<10.0	NT	NT	NT
Naphthalene	ug/l	<10.0	<10.0	NT	NT	NT
Nitrobenzene	ug/l	<10.0	<10.0	NT	NT	NT
Phenanthrene	ug/l	<10.0	<10.0	NT	NT	NT
Pyrene	ug/l	<10.0	<10.0	NT	NT	NT
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10.0	NT	NT	NT
bis(2-Chloroethyl)ether	ug/l	<10.0	<10.0	NT	NT	NT
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	NT	NT	NT
Total Base/Neutral Organics	ug/l	BDL	BDL	BDL	BDL	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-16-37	LF-16-37	LF-16-37	LF-16-37	LF-16-37
SAMPLING DATE:	02/06/84	04/23/84	07/29/85	01/13/86	09/05/86
BCM SAMPLE NUMBER:	401704	406454	513730	600802	617473
	401696	406448	513720	600789	

PESTICIDES, PCB'S AND HERBICIDES:

2,4,5-TP	ug/l	<0.5	<0.5	NT	NT	NT
2,4-D	ug/l	<1.0	<1.0	NT	NT	NT
4,4'-DDD	ug/l	<10.0	<10.0	NT	NT	NT
4,4'-DDE	ug/l	<10.0	<10.0	NT	NT	NT
4,4'-DDT	ug/l	<10.0	<10.0	NT	NT	NT
Aldrin	ug/l	<10.0	<10.0	NT	NT	NT
Alpha-BHC	ug/l	<10.0	<10.0	NT	NT	NT
Beta-BHC	ug/l	<10.0	<10.0	NT	NT	NT
Chlordane	ug/l	<10.0	<10.0	NT	NT	NT
Delta-BHC	ug/l	<10.0	<10.0	NT	NT	NT
Dieldrin	ug/l	<10.0	<10.0	NT	NT	NT
Endosulfan I	ug/l	<10.0	<10.0	NT	NT	NT
Endosulfan II	ug/l	<10.0	<10.0	NT	NT	NT
Endosulfan Sulfate	ug/l	<10.0	<10.0	NT	NT	NT
Endrin	ug/l	<10.0	<10.0	NT	NT	NT
Endrin Aldehyde	ug/l	<10.0	<10.0	NT	NT	NT
Gamma-BHC (Lindane)	ug/l	<10.0	<10.0	NT	NT	NT
Heptachlor	ug/l	<10.0	<10.0	NT	NT	NT
Heptachlor Epoxide	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1016	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1221	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1232	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1242	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1248	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1254	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1260	ug/l	<10.0	<10.0	NT	NT	NT
Total PCB's	ug/l	BDL JB	BDL JB	NT	NT	NT
Toxaphene	ug/l	<10.0	<10.0	NT	NT	NT

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	<0.1	<0.1	NT	NT	NT
Acetone	mg/l	<0.1	<0.1	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000097

SAMPLING LOCATION:		LF-16-37	LF-16-37	LF-16-37	LF-16-37	LF-16-37
SAMPLING DATE:		02/06/84	04/23/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401704	406434	513730	600802	617473
		401696	406448	513720	600789	

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS: (CONT.)

Butyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT
Butyl Methacrylate	mg/l	<10.0	<10 0	NT	NT	NT
Cellosolve Acetate	mg/l	<0.1	<0.1	NT	NT	NT
DNCP	mg/l	<0 01	<0.01	NT	NT	NT
Dithane	mg/l	<0.04	<0.02	NT	NT	NT
Ethanol	mg/l	<0.1	<0.1	NT	NT	NT
Ethyl Acetate	mg/l	<0 1	<0.1	NT	NT	NT
Ethyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT
Isobutyl Alcohol	mg/l	<0 1	<0.1	NT	NT	NT
Isopropyl Alcohol	mg/l	<0 1	<0 1	NT	NT	NT
Karathane	mg/l	<0.01	<0.01	NT	NT	NT
Methyl Methacrylate	mg/l	<0 1	<0.1	NT	NT	NT
Oil & Grease	mg/l	1.0	<1.0	NT	NT	NT
Styrene	mg/l	<0.1	<0 1	NT	NT	NT
Surfactants (MBAS)	mg/l	0.098	<0 025	NT	NT	NT
Toluene	mg/l	NT	<0.1	NT	NT	NT
n-Butyl Alcohol	mg/l	<0.1	<0 1	NT	NT	NT

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Barium	mg/l	0 134	0.227	NT	NT	NT
Boron	mg/l	0.14	0 1	NT	NT	NT
Chloride	mg/l	16.1	14.0	NT	NT	NT
Cyanide	mg/l	<0.005	<0.005	NT	NT	NT
Fluoride	mg/l	0.03	0.05	NT	NT	NT
Iron	mg/l	<0.04	<0 04	NT	NT	NT
Manganese	mg/l	0.051	0 03	NT	NT	NT
Nitrate as N	mg/l	2.83	3 34	NT	NT	NT
Nitrogen, Ammonia	mg/l	<0.05	<0.05	<0.05	<0.01	<0.01
P Alkalinity as CaCO3	mg/l	2.0	NT	NT	NT	NT
Phosphate, Total as PO4	mg/l	<0.01	<0.01	NT	NT	NT
Potassium	mg/l	3.71	2 0	NT	NT	NT
Sodium	mg/l	15.4	10.6	NT	NT	NT
Sulfate as SO4	mg/l	41.7	33.8	37.1	43.6	42.0
Sulfides as S	mg/l	<1 0	<1 0	NT	NT	NT
Tin	mg/l	<1.0	<1.0	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

000098

SAMPLING LOCATION:		LF-16-37	LF-16-37	LF-16-37	LF-16-37	LF-16-37
SAMPLING DATE:		02/06/84	04/23/84	07/29/85	01/13/86	09/03/86
BCM SAMPLE NUMBER:		401704	406454	513730	600802	617473
		401696	406448	513720	600789	
METALS:						
Antimony	mg/l	<0.15	<0.15	NT	NT	NT
Arsenic	mg/l	<0.001	0.017	NT	NT	NT
Beryllium	mg/l	<0.01	<0.01	NT	NT	NT
Cadmium	mg/l	<0.01	0.003	NT	NT	NT
Chromium	mg/l	<0.02	0.004	NT	NT	NT
Copper	mg/l	<0.03	<0.03	NT	NT	NT
Lead	mg/l	<0.002	<0.002	NT	NT	NT
Mercury	mg/l	<0.0002	<0.0002	NT	NT	NT
Nickel	mg/l	<0.1	<0.1	NT	NT	NT
Selenium	mg/l	<0.001	<0.001	NT	NT	NT
Silver	mg/l	<0.02	<0.001	NT	NT	NT
Thallium	mg/l	<0.3	<0.3	NT	NT	NT
Zinc	mg/l	0.14	0.11	NT	NT	NT
INDICATOR PARAMETERS:						
Biochemical Oxygen Demand (BOD)	mg/l	<3.0	270.0	NT	NT	NT
Chemical Oxygen Demand (COD)	mg/l	23.0	2400.0	18.0	20.0	13.0
Lethane	mg/l	<0.001	<0.001	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	202.0	193.0	365.0	168.0	180.0
Total Coliform Bacteria	#/100m	120.0	NT	NT	NT	NT
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	NT	139.0
Total Organic Carbon (TOC)	mg/l	23.0	273.0	NT	NT	NT
Total Organic Halides	ug/l	NT	<20.0	NT	NT	NT
pH-Laboratory	Std.Un	6.2	5.7	5.8	5.6	5.5
OTHER PARAMETERS:						
Gross B-Radioactivity	pc i/l	3.0	<3.0	NT	NT	NT
Gross a-Radioactivity	pc i/l	<2.0	<2.0	NT	NT	NT
Total Phenolics	mg/l	0.002	<0.002	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

000099

SAMPLING LOCATION:		LF-17-18	LF-17-18	LF-17-18	LF-17-18	LF-17-18
SAMPLING DATE:		02/06/84	04/25/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401705	406455	513731	600803	617303
		401697	406449	513721	600790	617293

VOLATILE ORGANICS:

Total Xylenes	ug/l	NT	<1.0	<1.0	<1.0	NT
1,1,1-Trichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	<1.0	NT	NT	NT	<5.0
1,1,2-Trichloroethane	ug/l	<1.0	NT	NT	NT	<5.0
1,1-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,1-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,2-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,2-Dichloropropane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	<10.0
2-Chloroethylvinylether	ug/l	NT	NT	NT	NT	<10.0
2-Hexanone	ug/l	NT	NT	NT	NT	<10.0
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	NT	<10.0
Acetone	ug/l	NT	NT	NT	NT	<10.0
Benzene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0
Bromodichloromethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Bromoform	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Bromomethane (Methyl Bromide)	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
Carbon Disulfide	ug/l	NT	NT	NT	NT	<5.0
Carbon Tetrachloride	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Chlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Chloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
Chloroform	ug/l	1.0	<1.0	<1.0	<1.0	<5.0
Chloromethane (Methyl Chloride)	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
Cis-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Dibromochloromethane	ug/l	<1.0	NT	NT	NT	<5.0
Ethylbenzene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0
M-Xylene	ug/l	NT	NT	NT	NT	<5.0
Methylene Chloride	ug/l	2.5	2.4	<1.0	<1.0	<5.0
O,P-Xylene	ug/l	NT	NT	NT	NT	<5.0
Styrene	ug/l	NT	NT	NT	NT	<5.0
Tetrachloroethene (PCE)	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Toluene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0
Trans-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Trichloroethene (TCE)	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Trichlorofluoromethane	ug/l	<1.0	<1.0	<1.0	<1.0	NT
Vinyl Acetate	ug/l	NT	NT	NT	NT	<10.0
Vinyl Chloride	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
bis(Chloromethyl) ether	ug/l	NT	<4.0	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY

SAMPLING LOCATION:		LF-17-18	LF-17-18	LF-17-18	LF-17-18	LF-17-18
SAMPLING DATE:		02/06/84	04/25/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401705	406455	513731	600803	617303
		401697	406449	513721	600790	617293
VOLATILE ORGANICS: (CONT.)						
trans-1,2-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<3.0
Total Volatile Organics	ug/l	BDL	BDL	NT	NT	NT
Total Volatile Organics	ug/l	3.5	2.4	BDL	BDL	BDL
ACID EXTRACTABLE ORGANICS:						
2,4,5-Trichlorophenol	ug/l	NT	NT	NT	NT	<20.0
2,4,6-Trichlorophenol	ug/l	<25.0	<25.0	NT	NT	<100.0
2,4-Dichlorophenol	ug/l	<25.0	<25.0	NT	NT	<20.0
2,4-Dimethylphenol	ug/l	<25.0	<25.0	NT	NT	<20.0
2,4-Dinitrophenol	ug/l	<250.0	<250.0	NT	NT	<100.0
2-Chlorophenol	ug/l	<25.0	<25.0	NT	NT	<20.0
2-Methylphenol (O-Cresol)	ug/l	NT	NT	NT	NT	<20.0
2-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	<20.0
4,6-Dinitro-2-methylphenol	ug/l	NT	NT	NT	NT	<100.0
4,6-Dinitro-O-Cresol	ug/l	<250.0	<250.0	NT	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	<25.0	NT	NT	NT
4-Methylphenol (P-Cresol)	ug/l	NT	NT	NT	NT	<20.0
4-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	<100.0
Benzoic acid	ug/l	NT	NT	NT	NT	<100.0
M & P Cresols	ug/l	NT	NT	NT	NT	<20.0
Pentachlorophenol	ug/l	<25.0	<25.0	NT	NT	<100.0
Phenol	ug/l	<25.0	<25.0	NT	NT	<20.0
Total Acid Extractables	ug/l	BDL	BDL	NT	NT	BDL
BASE/NEUTRAL ORGANICS:						
1,2,3,4-Tetrachlorobenzene	ug/l	NT	NT	NT	NT	<20.0
1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	NT	NT	<20.0
1,2-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<1.0	<20.0
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	NT	NT	NT
1,3-Dichlorobenzene	ug/l	<0.3	<1.0	<1.0	<1.0	<20.0
1,4-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<1.0	<20.0

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-17-18	LF-17-18	LF-17-18	LF-17-18	LF-17-18
SAMPLING DATE:	02/06/84	04/23/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:	401705	406455	513731	600803	617303
	401697	406449	513721	600790	617293

BASE/NEUTRAL ORGANICS: (CONT.)

2,4-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	<20.0	
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	<20.0	
2-Chloronaphthalene	ug/l	<10.0	<10.0	NT	NT	<20.0	
2-Methylnaphthalene	ug/l	NT	NT	NT	NT	<20.0	
2-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	NT	NT	<40.0	
3-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	<20.0	
4-Chloroaniline	ug/l	NT	NT	NT	NT	<20.0	
4-Chlorophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	<20.0	
4-Nitroaniline	ug/l	NT	NT	NT	NT	<100.0	
Acenaphthene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Acenaphthylene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Anthracene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Benzidine	ug/l	<10.0	<10.0	NT	NT	NT	
Benzo(a)anthracene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Benzo(a)pyrene	ug/l	<10.0	<10.0	NT	NT	NT	
Benzo(b)fluoranthene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Benzo(g,h,i)perylene	ug/l	<25.0	<25.0	NT	NT	<20.0	
Benzo(k)fluoranthene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Benzyl alcohol	ug/l	NT	NT	NT	NT	<20.0	
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	58.0	NT	NT	<20.0	
Butylbenzylphthalate	ug/l	<10.0	<10.0	NT	NT	<20.0	
Chrysene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Di-n-butylphthalate	ug/l	<10.0	<10.0	NT	NT	<20.0	
Di-n-octylphthalate	ug/l	<10.0	11.0	NT	NT	2.0	J
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	NT	NT	<20.0	
Dibenzofuran	ug/l	NT	NT	NT	NT	<20.0	
Diethylphthalate	ug/l	<10.0	<10.0	NT	NT	<20.0	
Dimethylphthalate	ug/l	<10.0	<10.0	NT	NT	<20.0	
Fluoranthene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Fluorene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Hexachlorobenzene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Hexachlorobutadiene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	NT	NT	<20.0	
Hexachloroethane	ug/l	<10.0	<10.0	NT	NT	<20.0	
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<25.0	NT	NT	<20.0	

NT : NOT TESTED AS PART OF THIS STUDY.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000108

SAMPLING LOCATION:		LF-17-18	LF-17-18	LF-17-18	LF-17-18	LF-17-18
SAMPLING DATE:		02/06/84	04/25/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401705	406455	513731	600803	617303
		401697	406449	513721	600790	617293
BASE/NEUTRAL ORGANICS: (CONT.)						
Isophorone	ug/l	<10.0	<10.0	NT	NT	<20.0
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<10.0	NT	NT	<20.0
N-Nitrosodimethylamine	ug/l	<10.0	<10.0	NT	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	<10.0	NT	NT	<20.0
Naphthalene	ug/l	<10.0	<10.0	NT	NT	<20.0
Nitrobenzene	ug/l	<10.0	<10.0	NT	NT	<20.0
Phenanthrene	ug/l	<10.0	<10.0	NT	NT	<20.0
Pyrene	ug/l	<10.0	<10.0	NT	NT	<20.0
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10.0	NT	NT	<20.0
bis(2-Chloroethyl)ether	ug/l	<10.0	<10.0	NT	NT	<20.0
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	NT	NT	<20.0
Total Base/Neutral Organics	ug/l	BDL	BDL	BDL	BDL	BDL
TENTATIVELY IDENTIFIED SEMI-VOLATILE ORGANICS						
Unknown	ug/l	--	--	--	--	18.0 J
Total Tentatively Ident. Semi-Volatiles	ug/l	--	--	--	--	18.0
PESTICIDES, PCB'S AND HERBICIDES:						
2,4,5-TP	ug/l	<0.5	<0.5	NT	NT	NT
2,4-D	ug/l	<1.0	<1.0	NT	NT	NT
4,4'-DDD	ug/l	<10.0	<10.0	NT	NT	<0.1
4,4'-DDE	ug/l	<10.0	<10.0	NT	NT	<0.1
4,4'-DDT	ug/l	<10.0	<10.0	NT	NT	<0.1
Aldrin	ug/l	<10.0	<10.0	NT	NT	<0.1
Alpha-BHC	ug/l	<10.0	<10.0	NT	NT	<0.1
Beta-BHC	ug/l	<10.0	<10.0	NT	NT	<0.1
Chlordane	ug/l	<10.0	<10.0	NT	NT	<0.1
Delta-BHC	ug/l	<10.0	<10.0	NT	NT	<0.1
Dieldrin	ug/l	<10.0	<10.0	NT	NT	<0.1
Endosulfan I	ug/l	<10.0	<10.0	NT	NT	<0.1

NT : NOT TESTED AS PART OF THIS STUDY.
-- : NONE DETECTED.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-17-18	LF-17-18	LF-17-18	LF-17-18	LF-17-18
SAMPLING DATE:	02/06/84	04/23/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:	401705	406455	513731	600803	617303
	401697	406449	513721	600790	617293

PESTICIDES, PCB'S AND HERBICIDES: (CONT.)

Endosulfan II	ug/l	<10.0	<10.0	NT	NT	<0.1
Endosulfan Sulfate	ug/l	<10 0	<10.0	NT	NT	<0.1
Endrin	ug/l	<10.0	<10.0	NT	NT	<0.1
Endrin Aldehyde	ug/l	<10 0	<10.0	NT	NT	<0 1
Gamma-BHC (Lindane)	ug/l	<10.0	<10.0	NT	NT	<0.1
Heptachlor	ug/l	<10 0	<10 0	NT	NT	<0.1
Heptachlor Epoxide	ug/l	<10 0	<10 0	NT	NT	<0.1
PCB-1016	ug/l	<10.0	<10.0	NT	NT	<0.5
PCB-1221	ug/l	<10.0	<10.0	NT	NT	<0.5
PCB-1232	ug/l	<10.0	<10.0	NT	NT	<0.5
PCB-1242	ug/l	<10.0	<10.0	NT	NT	<0.5
PCB-1248	ug/l	<10.0	<10.0	NT	NT	<0.5
PCB-1254	ug/l	NT	<10.0	NT	NT	<0.5
PCB-1260	ug/l	<10.0	<10.0	NT	NT	<0.5
Total PCB's	ug/l	BDL JB	BDL JB	NT	NT	BDL JB
Toxaphene	ug/l	<10.0	<10.0	NT	NT	<0.1

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	<0.1	<0 1	NT	NT	NT
Acetone	mg/l	<0.1	<0.1	NT	NT	NT
Butyl Acrylate	mg/l	<0.1	<0 1	NT	NT	NT
Butyl Methacrylate	mg/l	<10.0	<10.0	NT	NT	NT
Cellosolve Acetate	mg/l	<0.1	<0 1	NT	NT	NT
DMCP	mg/l	<0.01	<0.01	NT	NT	NT
Dithane	mg/l	<0.02	<0.02	NT	NT	NT
Ethanol	mg/l	<0.1	<0.1	NT	NT	NT
Ethyl Acetate	mg/l	<0.1	<0.1	NT	NT	NT
Ethyl Acrylate	mg/l	<0.1	<0 1	NT	NT	NT
Isobutyl Alcohol	mg/l	<0.1	<0 1	NT	NT	NT
Isopropyl Alcohol	mg/l	<0 1	<0 1	NT	NT	NT
Karathane	mg/l	<0.01	<0.01	NT	NT	NT
Methyl Methacrylate	mg/l	<0.1	<0.1	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-17-18	LF-17-18	LF-17-18	LF-17-18	LF-17-18
SAMPLING DATE:		02/06/84	04/25/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401705	406455	513731	600803	617303
		401697	406449	513721	600790	617293

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS: (CONT.)

Oil & Grease	mg/l	2.0	<1.0	NT	NT	NT
Styrene	mg/l	<0.1	<0.1	NT	NT	NT
Surfactants (MBAS)	mg/l	0.063	0.015	NT	NT	NT
Toluene	mg/l	NT	<0.1	NT	NT	NT
n-Butyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Barium	mg/l	0.071	0.118	NT	NT	0.129
Boron	mg/l	0.09	0.1	NT	NT	NT
Chloride	mg/l	49.5	42.1	NT	NT	NT
Cyanide	mg/l	<0.005	<0.005	NT	NT	<0.005
Fluoride	mg/l	0.04	0.09	NT	NT	NT
Iron	mg/l	15.1	30.6	NT	NT	26.8
Manganese	mg/l	0.641	0.74	NT	NT	0.608
Nitrate as N	mg/l	15.1	<0.25	NT	NT	NT
Nitrogen, Ammonia	mg/l	<0.05	0.2	0.26	0.28	3.4
P Alkalinity as $CaCO_3$	mg/l	3.0	NT	NT	NT	NT
Phosphate, Total as PO_4	mg/l	0.034	0.38	NT	NT	NT
Potassium	mg/l	2.85	2.61	NT	NT	2.69
Sodium	mg/l	23.8	18.0	NT	NT	30.7
Sulfate as SO_4	mg/l	47.0	47.5	55.5	56.5	66.2
Sulfides as S	mg/l	<1.0	<1.0	NT	NT	NT
Tin	mg/l	<1.0	<1.0	NT	NT	NT
Total Alkalinity as $CaCO_3$	mg/l	5.0	3.0	NT	NT	NT

METALS:

Aluminum	mg/l	NT	NT	NT	NT	0.407
Antimony	mg/l	<0.15	<0.15	NT	NT	<0.002
Arsenic	mg/l	<0.001	0.018	NT	NT	<0.004
Beryllium	mg/l	<0.01	<0.01	NT	NT	<0.01
Cadmium	mg/l	<0.01	0.002	NT	NT	<0.0005
Calcium	mg/l	NT	NT	NT	NT	14.9

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-17-18	LF-17-18	LF-17-18	LF-17-18	LF-17-18
SAMPLING DATE:		02/06/84	04/25/84	07/29/85	01/13/86	09/03/86
BCM SAMPLE NUMBER:		401705	406455	513731	600803	617303
		401697	406449	513721	600790	617293
METALS: (CONT.)						
Chromium	mg/l	<0.02	<0.006	NT	NT	<0.002
Cobalt	mg/l	NT	NT	NT	NT	<0.02
Copper	mg/l	<0.03	<0.03	NT	NT	<0.02
Lead	mg/l	<0.002	<0.002	NT	NT	<0.002
Magnesium	mg/l	NT	NT	NT	NT	9 54
Mercury	mg/l	0.0002	<0.0002	NT	NT	0 0005
Nickel	mg/l	<0.1	<0.1	NT	NT	<0.1
Selenium	mg/l	<0.001	<0.001	NT	NT	<0.004
Silver	mg/l	<0.02	<0.001	NT	NT	<0.005
Thallium	mg/l	<0.3	<0.3	NT	NT	<0.3
Vanadium	mg/l	NT	NT	NT	NT	<0 1
Zinc	mg/l	<0.01	0.03	NT	NT	0.05
INDICATOR PARAMETERS:						
Biochemical Oxygen Demand (BOD)	mg/l	32 0	4 0	NT	NT	NT
Chemical Oxygen Demand (COD)	mg/l	32.0	260 0	45.0	20.0	24.0
Lethane	mg/l	<0.001	<0.001	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	371.0	355.0	511.0	316.0	293.0
Total Coliform Bacteria	#/100m	210.0	NT	NT	NT	NT
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	NT	182.0
Total Organic Carbon (TOC)	mg/l	22.0	164 0	NT	NT	NT
Total Organic Halides	ug/l	NT	<20.0	NT	NT	NT
pH-Laboratory	Std.Un	6.1	6.3	6.1	6.3	6.0
OTHER PARAMETERS:						
Gross B-Radioactivity	pc i/l	13 0	<3.0	NT	NT	NT
Gross a-Radioactivity	pc i/l	10.0	4.0	NT	NT	NT
Total Phenolics	mg/l	0.002	<0.002	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-18-15	LF-18-15	LF-18-15	LF-18-15	LF-18-15
SAMPLING DATE:		02/07/84	04/23/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401710	406456	513732	600805	617321
		401702	406450	513722	600792	

VOLATILE ORGANICS:

Total Xylenes	ug/l	NT	<1.0	<1.0	<1.0	NT
1,1,1-Trichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	NT	NT	NT	<1.0	<5 0
1,1,2-Trichloroethane	ug/l	NT	NT	NT	<1.0	<5.0
1,1-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,1-Dichloroethene	ug/l	<1.0	<1 0	<1.0	<1.0	<5.0
1,2-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
1,2-Dichloropropane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	<10.0
2-Chloroethylvinylether	ug/l	NT	NT	NT	NT	<10.0
2-Hexanone	ug/l	NT	NT	NT	NT	<10.0
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	NT	<10.0
Acetone	ug/l	NT	NT	NT	NT	<10.0
Benzene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0
Bromodichloromethane	ug/l	NT	<1.0	<1.0	<1.0	<5.0
Bromoform	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Bromomethane (Methyl Bromide)	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
Carbon Disulfide	ug/l	NT	NT	NT	NT	<5.0
Carbon Tetrachloride	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Chlorobenzene	ug/l	<0 1	<1.0	<1.0	<1.0	<5.0
Chloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
Chloroform	ug/l	<1.0	1.1	<1.0	<1.0	<5.0
Chloromethane (Methyl Chloride)	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
Cis-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Dibromochloromethane	ug/l	<1.0	NT	NT	<1.0	<5.0
Ethylbenzene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0
M-Xylene	ug/l	NT	NT	NT	NT	<5.0
Methylene Chloride	ug/l	2.0	7.8	<1.0	<1.0	<5.0
O,P-Xylene	ug/l	NT	NT	NT	NT	<5.0
Styrene	ug/l	NT	NT	NT	NT	<5.0
Tetrachloroethene (PCE)	ug/l	<1.0	<1.0	<1 0	<1.0	<5.0
Toluene	ug/l	<0.1	<1.0	<1.0	<1 0	<5.0
Trans-1,3-Dichloropropene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0
Trichloroethene (TCE)	ug/l	<1.0	<1.0	<1.0	<1 0	<5.0
Trichlorofluoromethane	ug/l	<1.0	<1.0	<1.0	<1.0	NT
Vinyl Acetate	ug/l	NT	NT	NT	NT	<10.0
Vinyl Chloride	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0
bis(Chloromethyl) ether	ug/l	NT	<9.0	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-18-15	LF-18-15	LF-18-15	LF-18-15	LF-18-15
SAMPLING DATE:		02/07/84	04/23/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401710	406456	513732	600805	617321
		401702	406450	513722	600792	

VOLATILE ORGANICS: (CONT.)

trans-1,2-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0
Total Volatile Organics	mg/l	BDL	BDL	NT	NT	NT
Total Volatile Organics	ug/l	2.0	8.9	BDL	BDL	BDL

ACID EXTRACTABLE ORGANICS:

2,4,6-Trichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT
2,4-Dichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT
2,4-Dimethylphenol	ug/l	<25.0	<25.0	NT	NT	NT
2,4-Dinitrophenol	ug/l	<250.0	<250.0	NT	NT	NT
2-Chlorophenol	ug/l	<25.0	<25.0	NT	NT	NT
2-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT
4,6-Dinitro-O-Cresol	ug/l	<250.0	<250.0	NT	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	<25.0	NT	NT	NT
4-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT
Pentachlorophenol	ug/l	<25.0	<25.0	NT	NT	NT
Phenol	ug/l	<25.0	<25.0	NT	NT	NT
Total Acid Extractables	ug/l	BDL	BDL	NT	NT	NT

BASE/NEUTRAL ORGANICS:

1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT
1,2-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<1.0	NT
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	NT	NT	NT
1,3-Dichlorobenzene	ug/l	<0.3	<1.0	<1.0	<1.0	NT
1,4-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<1.0	NT
2,4-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT
2-Chloronaphthalene	ug/l	<10.0	<10.0	NT	NT	NT
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	NT	NT	NT
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT
4-Chlorophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT
Acenaphthene	ug/l	<10.0	<10.0	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

000108

SAMPLING LOCATION:	LF-18-15	LF-18-15	LF-18-15	LF-18-15	LF-18-15
SAMPLING DATE:	02/07/84	04/25/84	07/29/85	01/13/86	09/03/86
BCM SAMPLE NUMBER:	401710	406456	513732	600805	617321
	401702	406450	513722	600792	

BASE/NEUTRAL ORGANICS: (CONT.)

Acenaphthylene	ug/l	<10.0	<10.0	NT	NT	NT
Anthracene	ug/l	<10.0	<10.0	NT	NT	NT
Benzidine	ug/l	<10.0	<10.0	NT	NT	NT
Benzo(a)anthracene	ug/l	<10.0	<10.0	NT	NT	NT
Benzo(a)pyrene	ug/l	<10.0	<10.0	NT	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT
Benzo(g,h,i)perylene	ug/l	<25.0	<25.0	NT	NT	NT
Benzo(k)fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	19.0	NT	NT	NT
Butylbenzylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Chrysene	ug/l	<10.0	<10.0	NT	NT	NT
Di-n-butylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Di-n-octylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	NT	NT	NT
Diethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Dimethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT
Fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT
Fluorene	ug/l	<10.0	<10.0	NT	NT	NT
Hexachlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT
Hexachlorobutadiene	ug/l	<10.0	<10.0	NT	NT	NT
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	NT	NT	NT
Hexachloroethane	ug/l	<10.0	<10.0	NT	NT	NT
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<25.0	NT	NT	NT
Isophorone	ug/l	<10.0	<10.0	NT	NT	NT
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<10.0	NT	NT	NT
N-Nitrosodimethylamine	ug/l	<10.0	<10.0	NT	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	<10.0	NT	NT	NT
Naphthalene	ug/l	<10.0	<10.0	NT	NT	NT
Nitrobenzene	ug/l	<10.0	<10.0	NT	NT	NT
Phenanthrene	ug/l	<10.0	<10.0	NT	NT	NT
Pyrene	ug/l	<10.0	<10.0	NT	NT	NT
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10.0	NT	NT	NT
bis(2-Chloroethyl)ether	ug/l	<10.0	<10.0	NT	NT	NT
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	NT	NT	NT
Total Base/Neutral Organics	ug/l	BDL	BDL	BDL	BDL	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:	LF-18-15	LF-18-15	LF-18-15	LF-18-15	LF-18-15
SAMPLING DATE:	02/07/84	04/23/84	07/29/83	01/13/86	09/03/86
BCM SAMPLE NUMBER:	401710	406456	513732	600805	617321
	401702	406450	513722	600792	

PESTICIDES, PCB'S AND HERBICIDES:

2,4,5-TP	ug/l	<0.5	<0.5	NT	NT	NT
2,4-D	ug/l	<1.0	<1.0	NT	NT	NT
4,4'-DDD	ug/l	<10.0	<10.0	NT	NT	NT
4,4'-DDE	ug/l	<10.0	<10.0	NT	NT	NT
4,4'-DDT	ug/l	<10.0	<10.0	NT	NT	NT
Aldrin	ug/l	<10.0	<10.0	NT	NT	NT
Alpha-BHC	ug/l	<10.0	<10.0	NT	NT	NT
Beta-BHC	ug/l	<10.0	<10.0	NT	NT	NT
Chlordane	ug/l	<10.0	<10.0	NT	NT	NT
Delta-BHC	ug/l	<10.0	<10.0	NT	NT	NT
Dieldrin	ug/l	<10.0	<10.0	NT	NT	NT
Endosulfan I	ug/l	<10.0	<10.0	NT	NT	NT
Endosulfan II	ug/l	<10.0	<10.0	NT	NT	NT
Endosulfan Sulfate	ug/l	<10.0	<10 0	NT	NT	NT
Endrin	ug/l	<10.0	<10.0	NT	NT	NT
Endrin Aldehyde	ug/l	<10.0	<10.0	NT	NT	NT
Gamma-BHC (Lindane)	ug/l	<10 0	<10.0	NT	NT	NT
Heptachlor	ug/l	<10.0	<10.0	NT	NT	NT
Heptachlor Epoxide	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1016	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1221	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1232	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1242	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1248	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1254	ug/l	<10.0	<10.0	NT	NT	NT
PCB-1260	ug/l	<10.0	<10.0	NT	NT	NT
Total PCB's	ug/l	BDL JB	BDL JB	NT	NT	NT
Toxaphene	ug/l	<10 0	<10 0	NT	NT	NT

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	<0.1	<0 1	NT	NT	NT
Acetone	mg/l	<0.1	<0.1	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-18-15	LF-18-15	LF-18-15	LF-18-15	LF-18-15
SAMPLING DATE:		02/07/84	04/23/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401710	406456	513732	600805	617321
		401702	406450	513722	600792	

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS: (CONT.)

Butyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT
Butyl Methacrylate	mg/l	<10.0	<10.0	NT	NT	NT
Cellosolve Acetate	mg/l	<0.1	<0.1	NT	NT	NT
DMCP	mg/l	<0.01	<0.01	NT	NT	NT
Dithane	mg/l	<0.02	<0.02	NT	NT	NT
Ethanol	mg/l	<0.1	<0.1	NT	NT	NT
Ethyl Acetate	mg/l	<0.1	<0.1	NT	NT	NT
Ethyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT
Isobutyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT
Isopropyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT
Karathane	mg/l	<0.01	<0.01	NT	NT	NT
Methyl Methacrylate	mg/l	<0.1	<0.1	NT	NT	NT
Oil & Grease	mg/l	2.0	<1.0	NT	NT	NT
Styrene	mg/l	<0.1	<0.1	NT	NT	NT
Surfactants (MBAS)	mg/l	0.063	<0.025	NT	NT	NT
Toluene	mg/l	<0.1	<0.1	NT	NT	NT
n-Butyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Barium	mg/l	0.163	0.079	NT	NT	NT
Boron	mg/l	NT	0.1	NT	NT	NT
Chloride	mg/l	36.8	24.3	NT	NT	NT
Cyanide	mg/l	<0.005	<0.005	NT	NT	NT
Fluoride	mg/l	0.04	0.09	NT	NT	NT
Iron	mg/l	<0.04	0.05	NT	NT	NT
Manganese	mg/l	0.188	0.41	NT	NT	NT
Nitrate as N	mg/l	2.86	2.96	NT	NT	NT
Nitrogen, Ammonia	mg/l	<0.05	<0.05	<0.05	<0.01	<0.01
Phosphate, Total as PO4	mg/l	NT	0.03	NT	NT	NT
Potassium	mg/l	2.27	2.47	NT	NT	NT
Sodium	mg/l	20.5	17.2	NT	NT	NT
Sulfate as SO4	mg/l	46.5	42.9	39.1	58.3	77.1
Sulfides as S	mg/l	<1.0	<1.0	NT	NT	NT
Tin	mg/l	<1.0	<1.0	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-18-15	LF-18-15	LF-18-15	LF-18-15	LF-18-15
SAMPLING DATE:		02/07/84	04/25/84	07/29/85	01/15/86	09/03/86
BCM SAMPLE NUMBER:		401710	406436	513732	600805	617321
		401702	406430	513722	600792	

METALS:

Antimony	mg/l	<0.15	<0.15	NT	NT	NT
Arsenic	mg/l	0.001	<0.016	NT	NT	NT
Beryllium	mg/l	<0.01	<0.01	NT	NT	NT
Cadmium	mg/l	<0.01	0.0007	NT	NT	NT
Chromium	mg/l	<0.02	0.003	NT	NT	NT
Copper	mg/l	<0.03	<0.03	NT	NT	NT
Lead	mg/l	0 012	<0.002	NT	NT	NT
Mercury	mg/l	<0.0002	<0.0002	NT	NT	NT
Nickel	mg/l	<0.1	<0.1	NT	NT	NT
Selenium	mg/l	<0.001	<0.001	NT	NT	NT
Silver	mg/l	<0.02	<0.001	NT	NT	NT
Thallium	mg/l	<0.3	<0.3	NT	NT	NT
Zinc	mg/l	0.15	0.02	NT	NT	NT

INDICATOR PARAMETERS:

Biochemical Oxygen Demand (BOD)	mg/l	5.0	3 0	NT	NT	NT
Chemical Oxygen Demand (COD)	mg/l	24.0	28 0	36.0	20.0	<1.0
Lethane	mg/l	<0.001	<0.001	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	263.0	275.0	360.0	428.0	648.0
Total Coliform Bacteria	#/100m	23.0	NT	NT	NT	NT
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	NT	968.0
Total Organic Carbon (TOC)	mg/l	24.0	5.0	NT	NT	NT
Total Organic Halides	ug/l	NT	<20 0	NT	NT	NT
pH-Laboratory	Std.Un	5.5	5 5	5.4	5.5	5.1

OTHER PARAMETERS:

Gross B-Radioactivity	pc i/l	<3.0	<3.0	NT	NT	NT
Gross a-Radioactivity	pc i/l	<2.0	<2 0	NT	NT	NT
Total Phenolics	mg/l	0.002	<0.002	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		02/07/84	04/25/84	07/29/85	01/15/86	09/03/86	03/26/87	06/15/87	09/25/87	12/03/87
BCM SAMPLE NUMBER:		401709	406457	513733	600806	617322	707198	714230	723288	729476
		401701	406451	513723	600793					
VOLATILE ORGANICS:										
Total Xylenes	ug/l	NT	<1.0	<1.0	<1.0	<5.0	13.6	<1.0	<1.0	NT
1,1,1-Trichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	NT	NT	NT	<1.0	<5.0	NT	NT	NT	<1.0
1,1,2-Trichloroethane	ug/l	NT	NT	NT	<1.0	<5.0	NT	NT	NT	<1.0
1,1-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
2-Chloroethylvinylether	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
2-Hexanone	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
Acetone	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
Benzene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0	<1.0	3.4	<1.0	<1.0
Bromodichloromethane	ug/l	NT	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Bromomethane (Methyl Bromide)	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	ug/l	NT	NT	NT	NT	<5.0	NT	NT	NT	NT
Carbon Tetrachloride	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	1.6	<1.0	<1.0
Chloromethane (Methyl Chloride)	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0	<1.0
Cis-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	<1.0	NT	NT	<1.0	<5.0	NT	NT	NT	<1.0
Ethylbenzene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0	3.9	<1.0	<1.0	<1.0
M-Xylene	ug/l	NT	NT	NT	NT	<5.0	NT	NT	<1.0	<1.0
Methylene Chloride	ug/l	3.1	11.5	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
O,P-Xylene	ug/l	NT	NT	NT	NT	<5.0	NT	NT	<1.0	<1.0
Styrene	ug/l	NT	NT	NT	NT	<5.0	NT	NT	NT	NT
Tetrachloroethene (PCE)	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Toluene	ug/l	<0.1	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	1.1	<1.0
Trans-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene (TCE)	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	ug/l	<1.0	<1.0	<1.0	<1.0	NT	<1.0	<1.0	<1.0	<1.0
Vinyl Acetate	ug/l	NT	NT	NT	NT	<10.0	NT	NT	NT	NT
Vinyl Chloride	ug/l	<1.0	<1.0	<1.0	<1.0	<10.0	41.5	<1.0	<1.0	<1.0
bis(Chloromethyl) ether	ug/l	NT	<4.0	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		02/07/84	04/23/84	07/29/85	01/15/86	09/03/86	03/26/87	06/15/87	09/23/87	12/03/87
BCM SAMPLE NUMBER:		401709	406457	513733	600806	617322	707198	719230	723288	729476
		401701	406451	513723	600793					
VOLATILE ORGANICS: (CONT.)										
trans-1,2-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Total Volatile Organics	ug/l	3.1	11.5	BDL	BDL	BDL	59.0	5.0	1.1	BDL
TENTATIVELY IDENTIFIED VOLATILE ORGANICS										
METHYL-SILANE	ug/l	--	--	--	--	7.0 J	--	--	--	--
Total Tentatively Identified Volatiles	ug/l	--	--	--	--	7.0	--	--	--	--
ACID EXTRACTABLE ORGANICS:										
2,4,6-Trichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
2,4-Dichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
2,4-Dimethylphenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
2,4-Dinitrophenol	ug/l	<250.0	<250.0	NT	NT	NT	NT	NT	NT	NT
2-Chlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
2-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
4,6-Dinitro-O-Cresol	ug/l	<250.0	<250.0	NT	NT	NT	NT	NT	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
4-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
Phenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
Total Acid Extractables	ug/l	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
BASE/NEUTRAL ORGANICS:										
1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
1,2-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<1.0	NT	<1.0	<1.0	<1.0	<1.0
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	ug/l	<0.3	<1.0	<1.0	<1.0	NT	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<1.0	NT	<1.0	<1.0	<1.0	<1.0

NT : NOT TESTED AS PART OF THIS STUDY.
-- : NONE DETECTED.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

000109

SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		02/07/84	04/25/84	07/29/85	01/15/86	09/03/86	03/26/87	06/15/87	09/25/87	12/03/87
BCM SAMPLE NUMBER:		401709	406457	513733	600806	617322	707198	714230	723288	729476
		401701	406451	513723	600793					
BASE/NEUTRAL ORGANICS: (CONT.)										
2,4-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
2-Chloronaphthalene	ug/l	<10 0	<10.0	NT	NT	NT	NT	NT	NT	NT
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
4-Chlorophenyl-phenylether	ug/l	<10.0	<10 0	NT	NT	NT	NT	NT	NT	NT
Acenaphthene	ug/l	<10 0	<10.0	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Anthracene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Benzidine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	ug/l	<10.0	<10 0	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	<10 0	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	100 0	NT	NT	NT	NT	NT	NT	NT
Butylbenzylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Chrysene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Di-n-butylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Di-n-octylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
Diethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Dimethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Fluorene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Hexachlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Hexachlorobutadiene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Hexachloroethane	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<25 0	NT	NT	NT	NT	NT	NT	NT
Isophorone	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
N-Nitrosodimethylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Naphthalene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Nitrobenzene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Pyrene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		02/07/84	09/25/84	07/29/85	01/15/86	09/03/86	03/26/87	06/15/87	09/25/87	12/03/87
BCM SAMPLE NUMBER:		401709	406957	513733	600806	617322	707198	714230	723288	729476
		401701	406951	513723	600793					
BASE/NEUTRAL ORGANICS: (CONT.)										
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
bis(2-Chloroethyl)ether	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Total Base/Neutral Organics	ug/l	BDL	100.0	BDL	BDL	NT	BDL	BDL	BDL	NT
PESTICIDES, PCB'S AND HERBICIDES:										
2,4,5-TP	ug/l	<0.5	<0.5	NT	NT	NT	NT	NT	NT	NT
2,4-D	ug/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT
4,4'-DDD	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
4,4'-DDE	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
4,4'-DDT	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Aldrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Alpha-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Beta-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Chlordane	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Delta-BHC	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Dieldrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endosulfan I	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endosulfan II	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endosulfan Sulfate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endrin	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Endrin Aldehyde	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Gamma-BHC (Lindane)	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Heptachlor	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Heptachlor Epoxide	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1016	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1221	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1232	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1242	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1248	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1254	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
PCB-1260	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Total PCB's	ug/l	BDL JB	BDL JB	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		02/07/84	04/23/84	07/29/85	01/15/86	09/03/86	03/26/87	06/13/87	09/23/87	12/03/87
BCM SAMPLE NUMBER:		401709	406457	513733	600806	617322	707198	714230	723288	729476
		401701	406451	513723	600793					
PESTICIDES, PCB'S AND HERBICIDES: (CONT.)										
Toxaphene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:										
2-Butanone (MEK)	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Acetone	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Butyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Butyl Methacrylate	mg/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Cellosolve Acetate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
DNCP	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Dithane	mg/l	<0.02	<0.02	NT	NT	NT	NT	NT	NT	NT
Ethanol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Ethyl Acetate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Ethyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Isobutyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Isopropyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Karathane	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Methyl Methacrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Oil & Grease	mg/l	3.0	2.0	NT	NT	NT	NT	NT	NT	NT
Styrene	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Surfactants (MBAS)	mg/l	0.036	0.063	NT	NT	NT	NT	NT	NT	NT
Toluene	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
n-Butyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:										
Barium	mg/l	0.060	0.058	NT	NT	NT	NT	NT	NT	NT
Boron	mg/l	0.11	0.1	NT	NT	NT	NT	NT	NT	NT
Chloride	mg/l	17.0	15.9	NT	NT	NT	NT	NT	NT	NT
Cyanide	mg/l	<0.005	<0.005	NT	NT	NT	NT	NT	NT	NT
Fluoride	mg/l	0.03	0.06	NT	NT	NT	NT	NT	NT	NT
Iron	mg/l	0.73	2.0	NT	NT	NT	NT	NT	NT	NT
Manganese	mg/l	0.944	1.26	NT	NT	NT	NT	NT	NT	NT
Nitrate as N	mg/l	2.68	2.23	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		02/07/84	04/23/84	07/29/85	01/15/86	09/03/86	03/26/87	06/15/87	09/23/87	12/03/87
BCM SAMPLE NUMBER:		401709	406457	513733	600806	617322	707198	714230	723288	729476
		401701	406451	513723	600793					
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS: (CONT.)										
Nitrogen, Ammonia	mg/l	0.27	0.7	<0.05	0.05	0.21	0.329	0.711	0.045	0.037
P Alkalinity as CaCO3	mg/l	<1.0	NT	NT	NT	NT	NT	NT	NT	NT
Phosphate, Total as PO4	mg/l	<0.01	0.11	NT	NT	NT	NT	NT	NT	NT
Potassium	mg/l	1.88	1.81	NT	NT	NT	NT	NT	NT	NT
Sodium	mg/l	17.1	12 0	NT	NT	NT	NT	NT	NT	NT
Sulfate as SO4	mg/l	37.7	35.0	31.5	36.6	39.7	52.0	27.0	35.0	36.0
Sulfides as S	mg/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT
Tin	mg/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT
METALS:										
Antimony	mg/l	<0.15	<0.15	NT	NT	NT	NT	NT	NT	NT
Arsenic	mg/l	0.001	0.019	NT	NT	NT	NT	NT	NT	NT
Beryllium	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Cadmium	mg/l	<0.01	0.001	NT	NT	NT	NT	NT	NT	NT
Chromium	mg/l	<0.02	0.004	NT	NT	NT	NT	NT	NT	NT
Copper	mg/l	<0.03	<0.03	NT	NT	NT	NT	NT	NT	NT
Lead	mg/l	0.003	<0.002	NT	NT	NT	NT	NT	NT	NT
Mercury	mg/l	<0.0002	<0.0002	NT	NT	NT	NT	NT	NT	NT
Nickel	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Selenium	mg/l	<0.001	<0.001	NT	NT	NT	NT	NT	NT	NT
Silver	mg/l	<0.02	<0.001	NT	NT	NT	NT	NT	NT	NT
Thallium	mg/l	<0 3	<0.3	NT	NT	NT	NT	NT	NT	NT
Zinc	mg/l	0.01	0.02	NT	NT	NT	NT	NT	NT	NT
INDICATOR PARAMETERS:										
Biochemical Oxygen Demand (BOD)	mg/l	6.0	<3.0	NT	NT	NT	NT	NT	NT	NT
Chemical Oxygen Demand (COD)	mg/l	8.0	32.0	20.0	16.0	5.0	47 0	438.0	39.0	24.0
Lethane	mg/l	<0.001	<0.001	NT	NT	NT	NT	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	203.0	198.0	318.0	151.0	164.0	391.0	278.0	184.0	166.0
Total Coliform Bacteria	#/100m	43.0	NT	NT	NT	NT	NT	NT	NT	NT
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	NT	8.0	NT	NT	NT	NT
Total Organic Carbon (TOC)	mg/l	8.0	10.0	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		02/07/84	04/25/84	07/29/85	01/15/86	09/03/86	03/26/87	06/15/87	09/25/87	12/03/87
BCM SAMPLE NUMBER:		401709	406457	513733	600806	617322	707198	714230	723288	729476
		401701	406451	513723	600793					
INDICATOR PARAMETERS: (CONT.)										
Total Organic Halides	ug/l	NT	20.0	NT	NT	NT	NT	NT	NT	NT
pH-Laboratory	Std.Un	6.1	6.0	5.5	6.1	5.5	5.4	5.9	6.1	5.7
OTHER PARAMETERS:										
2,3,7,8-TCDD (Dioxin)	ppb	NT	<0.0028	NT	NT	NT	NT	NT	NT	NT
Gross B-Radioactivity	pc i/l	<3.0	<3.0	NT	NT	NT	NT	NT	NT	NT
Gross a-Radioactivity	pc i/l	<2.0	<2.0	NT	NT	NT	NT	NT	NT	NT
Total Phenolics	mg/l	0.006	<0.002	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

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SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		03/29/88	06/20/88	10/03/88	01/12/89	03/21/89	06/08/89	09/26/89	12/20/89
BCM SAMPLE NUMBER:		808800	820132	832829	900984	908105	916551	930266	939107
PHYSICAL PROPERTIES:									
Temperature	deg. c	NT	NT	NT	NT	NT	NT	20.0	11.9
pH-Field	Std.Un	NT	5.9	NT	NT	4.93	5.25	5.11	5.25
VOLATILE ORGANICS:									
Total Xylenes	ug/l	NT	<1.0	NT	NT	NT	NT	<1.0	NT
1,1,1-Trichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane (Methyl Bromide)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane (Methyl Chloride)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cis-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
M-Xylene	ug/l	<1.0	NT	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
O,P-Xylene	ug/l	<1.0	NT	<1.0	NT	NT	NT	<1.0	<1.0
O-Xylene	ug/l	NT	NT	NT	<1.0	<1.0	<1.0	NT	NT
P-Xylene	ug/l	NT	NT	NT	<1.0	<1.0	<1.0	NT	NT
Tetrachloroethene (PCE)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene (TCE)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18	LF-19-18
SAMPLING DATE:		03/29/88	06/20/88	10/03/88	01/12/89	03/21/89	06/08/89	09/26/89	12/20/89
BCM SAMPLE NUMBER:		808800	820132	832829	900984	908105	916551	930266	939107
VOLATILE ORGANICS: (CONT.)									
Total Volatile Organics	ug/l	BDL	NT	NT	NT	NT	NT	NT	NT
BASE/NEUTRAL ORGANICS:									
1,2-Dichlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Base/Neutral Organics	ug/l	BDL	NT	NT	NT	NT	NT	NT	NT
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:									
Nitrogen, Ammonia	mg/l	0.377	3.0	<0.5	0.29	<0.10	0.703	1.54	0.251
Sulfate as SO4	mg/l	27.0	45.0	30.0	44.0	34.0	53.0	43.0	24.6
INDICATOR PARAMETERS:									
Chemical Oxygen Demand (COD)	mg/l	<20.0	<20.0	5.0	95.0	21.0	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	NT	165.0	NT	NT	177.0	490.0	220.0	150.0

NT : NOT TESTED AS PART OF THIS STUDY
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT

000121

SAMPLING LOCATION:	LF-20-23	LF-20-23	LF-20-23	LF-20-23
SAMPLING DATE:	02/07/84	04/23/84	07/29/85	09/03/86
BCM SAMPLE NUMBER:	401707	406438	513734	617304
	401699	406432	513724	617294

VOLATILE ORGANICS:

Total Xylenes	ug/l	NT	<1.0	<1.0	NT
1,1,1-Trichloroethane	ug/l	<1.0	<1.0	<1.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	NT	NT	NT	<5.0
1,1,2-Trichloroethane	ug/l	NT	NT	NT	<5.0
1,1-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<5.0
1,1-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<5.0
1,2-Dichloroethane	ug/l	<1.0	<1.0	<1.0	<5.0
1,2-Dichloropropane	ug/l	<1.0	<1.0	<1.0	<5.0
2-Butanone (MEK)	ug/l	NT	NT	NT	<10.0
2-Chloroethylvinylether	ug/l	NT	NT	NT	<10.0
2-Hexanone	ug/l	NT	NT	NT	<10.0
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	<10.0
Acetone	ug/l	NT	NT	NT	<10.0
Benzene	ug/l	<0.1	<1.0	<1.0	<5.0
Bromodichloromethane	ug/l	NT	<1.0	<1.0	<5.0
Bromoform	ug/l	<1.0	<1.0	<1.0	<5.0
Bromomethane (Methyl Bromide)	ug/l	<1.0	<1.0	<1.0	<10.0
Carbon Disulfide	ug/l	NT	NT	NT	<5.0
Carbon Tetrachloride	ug/l	<1.0	<1.0	<1.0	<5.0
Chlorobenzene	ug/l	<1.0	<1.0	<1.0	<5.0
Chloroethane	ug/l	<1.0	<1 0	<1.0	<10.0
Chloroform	ug/l	2.3	1 7	<1.0	<5.0
Chloromethane (Methyl Chloride)	ug/l	<1.0	<1 0	<1.0	<10.0
Cis-1,3-Dichloropropene	ug/l	<1.0	<1 0	<1.0	<5.0
Dibromochloromethane	ug/l	<1.0	NT	NT	<5.0
Ethylbenzene	ug/l	<0.1	<1.0	<1.0	<5.0
M-Xylene	ug/l	NT	NT	NT	<5.0
Methylene Chloride	ug/l	7.6	9.5	<1.0	<5.0
O,P-Xylene	ug/l	NT	NT	NT	<5.0
Styrene	ug/l	NT	NT	NT	<5.0
Tetrachloroethene (PCE)	ug/l	<1.0	<1.0	<1.0	<5.0
Toluene	ug/l	<0.1	<1.0	<1.0	<5.0
Trans-1,3-Dichloropropene	ug/l	<1.0	<1.0	<1.0	<5.0
Trichloroethene (TCE)	ug/l	<0.1	1.1	<1.0	<5.0
Trichlorofluoromethane	ug/l	<1.0	<1.0	<1.0	NT
Vinyl Acetate	ug/l	NT	NT	NT	<10.0
Vinyl Chloride	ug/l	<1.0	<1.0	<1.0	<10.0
bis(Chloromethyl) ether	ug/l	NT	<4.0	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-20-23	LF-20-23	LF-20-23	LF-20-23
SAMPLING DATE:		02/07/84	04/23/84	07/29/85	09/03/86
BCM SAMPLE NUMBER:		401707	406458	513734	617304
		401699	406452	513724	617294
VOLATILE ORGANICS: (CONT.)					
trans-1,2-Dichloroethene	ug/l	<1.0	<1.0	<1.0	<5.0
Total Volatile Organics	mg/l	BDL	BDL	NT	NT
Total Volatile Organics	ug/l	9.9	12.3	BDL	BDL
ACID EXTRACTABLE ORGANICS:					
2,4,5-Trichlorophenol	ug/l	NT	NT	NT	<20.0
2,4,6-Trichlorophenol	ug/l	<25.0	<25.0	NT	<100.0
2,4-Dichlorophenol	ug/l	<25.0	<25.0	NT	<20.0
2,4-Dimethylphenol	ug/l	<25.0	<25.0	NT	<20.0
2,4-Dinitrophenol	ug/l	<250.0	<250.0	NT	<100.0
2-Chlorophenol	ug/l	<25.0	<25.0	NT	<20.0
2-Methylphenol (O-Cresol)	ug/l	NT	NT	NT	<20.0
2-Nitrophenol	ug/l	<25.0	<25.0	NT	<20.0
4,6-Dinitro-2-methylphenol	ug/l	NT	NT	NT	<100.0
4,6-Dinitro-O-Cresol	ug/l	<250.0	<250.0	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	<25.0	NT	NT
4-Methylphenol (P-Cresol)	ug/l	NT	NT	NT	<20.0
4-Nitrophenol	ug/l	<25.0	<25.0	NT	<100.0
Benzoic acid	ug/l	NT	NT	NT	<100.0
M & P Cresols	ug/l	NT	NT	NT	<20.0
Pentachlorophenol	ug/l	<25.0	<25.0	NT	<100.0
Phenol	ug/l	<25.0	<25.0	NT	<20.0
Total Acid Extractables	ug/l	BDL	BDL	NT	BDL
BASE/NEUTRAL ORGANICS:					
1,2,3,4-Tetrachlorobenzene	ug/l	NT	NT	NT	<20.0
1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	NT	<20.0
1,2-Dichlorobenzene	ug/l	<0.2	<0.1	<1.0	<20.0
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	NT	NT
1,3-Dichlorobenzene	ug/l	<0.3	<1.0	<1.0	<20.0
1,4-Dichlorobenzene	ug/l	<0.2	<1.0	<1.0	<20.0

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-20-23	LF-20-23	LF-20-23	LF-20-23
SAMPLING DATE:		02/07/84	09/25/84	07/29/85	09/03/86
BCM SAMPLE NUMBER:		401707	406458	513734	617304
		401699	406452	513724	617294

BASE/NEUTRAL ORGANICS (CONT.)

2,4-Dinitrotoluene	ug/l	<10.0	<10.0	NT	<20.0
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	NT	<20.0
2-Chloronaphthalene	ug/l	<10.0	<10.0	NT	<20.0
2-Methylnaphthalene	ug/l	NT	NT	NT	<20.0
2-Nitroaniline	ug/l	NT	NT	NT	<100.0
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	NT	<40.0
3-Nitroaniline	ug/l	NT	NT	NT	<100.0
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	NT	<20.0
4-Chloroaniline	ug/l	NT	NT	NT	<20.0
4-Chlorophenyl-phenylether	ug/l	<10.0	<10.0	NT	<20.0
4-Nitroaniline	ug/l	NT	NT	NT	<100.0
Acenaphthene	ug/l	<10.0	<10.0	NT	<20.0
Acenaphthylene	ug/l	<10.0	<10.0	NT	<20.0
Anthracene	ug/l	<10.0	<10.0	NT	<20.0
Benzidine	ug/l	<10.0	<10.0	NT	NT
Benzo(a)anthracene	ug/l	<10.0	<10.0	NT	<20.0
Benzo(a)pyrene	ug/l	<10.0	<10.0	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	<10.0	NT	<20.0
Benzo(g,h,i)perylene	ug/l	<25.0	<25.0	NT	<20.0
Benzo(k)fluoranthene	ug/l	<10.0	<10.0	NT	<20.0
Benzyl alcohol	ug/l	NT	NT	NT	<20.0
Bis(2-Ethylhexyl)phthalate	ug/l	16.0	13.0	NT	<20.0
Butylbenzylphthalate	ug/l	<10.0	<10.0	NT	<20.0
Chrysene	ug/l	<10.0	<10.0	NT	<20.0
Di-n-butylphthalate	ug/l	<10.0	<10.0	NT	<20.0
Di-n-octylphthalate	ug/l	<10.0	<10.0	NT	<20.0
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	NT	<20.0
Dibenzofuran	ug/l	NT	NT	NT	<20.0
Diethylphthalate	ug/l	<10.0	<10.0	NT	<20.0
Dimethylphthalate	ug/l	<10.0	<10.0	NT	<20.0
Fluoranthene	ug/l	<10.0	<10.0	NT	<20.0
Fluorene	ug/l	<10.0	<10.0	NT	<20.0
Hexachlorobenzene	ug/l	<10.0	<10.0	NT	<20.0
Hexachlorobutadiene	ug/l	<10.0	<10.0	NT	<20.0
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	NT	<20.0
Hexachloroethane	ug/l	<10.0	<10.0	NT	<20.0
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<25.0	NT	<20.0
Isophorone	ug/l	<10.0	<10.0	NT	<20.0

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-20-23	LF-20-23	LF-20-23	LF-20-23
SAMPLING DATE:		02/07/84	04/25/84	07/29/85	09/03/86
BCM SAMPLE NUMBER:		401707	406458	513734	617304
		401699	406452	513724	617294
BASE/NEUTRAL ORGANICS (CONT.)					
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<10.0	NT	<20.0
N-Nitrosodimethylamine	ug/l	<10 0	<10.0	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	<10.0	NT	<20.0
Naphthalene	ug/l	<10.0	<10.0	NT	<20 0
Nitrobenzene	ug/l	<10.0	<10.0	NT	<20.0
Phenanthrene	ug/l	<10.0	<10.0	NT	<20.0
Pyrene	ug/l	<10.0	<10.0	NT	<20.0
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10.0	NT	<20.0
bis(2-Chloroethyl)ether	ug/l	<10.0	<10.0	NT	<20.0
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	NT	<20.0
Total Base/Neutral Organics	ug/l	BDL	BDL	BDL	BDL
PESTICIDES, PCB'S AND HERBICIDES:					
2,4,5-TP	ug/l	<0.5	<0.5	NT	NT
2,4-D	ug/l	<1.0	<1.0	NT	NT
4,4'-DDD	ug/l	<10.0	<10.0	NT	<0.1
4,4'-DDE	ug/l	<10.0	<10 0	NT	<0.1
4,4'-DDT	ug/l	<10.0	<10.0	NT	<0.1
Aldrin	ug/l	<10.0	<10.0	NT	<0.1
Alpha-BHC	ug/l	<10.0	<10.0	NT	<0.1
Beta-BHC	ug/l	<10.0	<10.0	NT	<0.1
Chlordane	ug/l	<10.0	<10 0	NT	<0.1
Delta-BHC	ug/l	<10.0	<10.0	NT	<0 1
Dieldrin	ug/l	<10 0	<10.0	NT	<0 1
Endosulfan I	ug/l	<10.0	<10.0	NT	<0 1
Endosulfan II	ug/l	<10.0	<10.0	NT	<0 1
Endosulfan Sulfate	ug/l	<10.0	<10.0	NT	<0.1
Endrin	ug/l	<10.0	<10.0	NT	<0 1
Endrin Aldehyde	ug/l	<10.0	<10.0	NT	<0 1
Gamma-BHC (Lindane)	ug/l	<10.0	<10.0	NT	<0 1
Heptachlor	ug/l	<10 0	<10 0	NT	<0 1
Heptachlor Epoxide	ug/l	<10.0	<10.0	NT	<0 1
PCB-1016	ug/l	<10.0	<10.0	NT	<0.5
PCB-1221	ug/l	<10 0	<10.0	NT	<0 5

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:		LF-20-23	LF-20-23	LF-20-23	LF-20-23
SAMPLING DATE:		02/07/84	04/23/84	07/29/85	09/03/86
BCM SAMPLE NUMBER:		401707	406458	513734	617304
		401699	406452	513724	617294

PESTICIDES, PCB'S AND HERBICIDES: (CONT.)

PCB-1232	ug/l	<10.0	<10.0	NT	<0.5
PCB-1242	ug/l	<10.0	<10.0	NT	<0.5
PCB-1248	ug/l	<10.0	<10.0	NT	<0.5
PCB-1254	ug/l	<10.0	<10.0	NT	<0.5
PCB-1260	ug/l	<10.0	<10.0	NT	<0.5
Total PCB's	ug/l	BDL JB	BDL JB	NT	BDL JB
Toxaphene	ug/l	<10.0	<10.0	NT	<0.1

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	<0.1	<0.1	NT	NT
Acetone	mg/l	<0.1	<0.1	NT	NT
Butyl Acrylate	mg/l	<0.1	<0 1	NT	NT
Butyl Methacrylate	mg/l	<10.0	<10.0	NT	NT
Cellosolve Acetate	mg/l	<0.1	<0.1	NT	NT
DMCP	mg/l	<0.01	<0.01	NT	NT
Dithane	mg/l	<0.02	<0.02	NT	NT
Ethanol	mg/l	<0.1	<0.1	NT	NT
Ethyl Acetate	mg/l	<0.1	<0.1	NT	NT
Ethyl Acrylate	mg/l	<0.1	<0 1	NT	NT
Isobutyl Alcohol	mg/l	<0.1	<0.1	NT	NT
Isopropyl Alcohol	mg/l	<0.1	<0 1	NT	NT
Karathane	mg/l	<0.01	<0.01	NT	NT
Methyl Methacrylate	mg/l	<0.1	<0.1	NT	NT
Oil & Grease	mg/l	3.0	1 0	NT	NT
Styrene	mg/l	<0 1	<0.1	NT	NT
Surfactants (MBAS)	mg/l	<0.007	0 04	NT	NT
Toluene	mg/l	NT	<0.1	NT	NT
n-Butyl Alcohol	mg/l	<0.1	<0.1	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-20-23	LF-20-23	LF-20-23	LF-20-23
SAMPLING DATE:	02/07/84	04/23/84	07/29/85	09/03/86
BCM SAMPLE NUMBER:	401707	406458	513734	617304
	401699	406452	513724	617294

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Barium	mg/l	0.052	0.051	NT	0.072
Boron	mg/l	0.14	0.1	NT	NT
Chloride	mg/l	11.5	6.5	NT	NT
Cyanide	mg/l	<0.005	<0.005	NT	<0.005
Fluoride	mg/l	0.05	0.08	NT	NT
Iron	mg/l	0.28	0.24	NT	0.098
Manganese	mg/l	0.422	0.12	NT	0.05
Nitrate as N	mg/l	3.55	1.51	NT	NT
Nitrogen, Ammonia	mg/l	<0.05	<0.05	<0.05	<0.01
Phosphate, Total as PO4	mg/l	<0.01	0.05	NT	NT
Potassium	mg/l	2.53	1.1	NT	1.63
Sodium	mg/l	8.02	2.39	NT	12.9
Sulfate as SO4	mg/l	32.6	31.5	31.9	<1.0
Sulfides as S	mg/l	<1.0	<1.0	NT	NT
Tin	mg/l	<1.0	<1.0	NT	NT

METALS:

Aluminum	mg/l	NT	NT	NT	0.31
Antimony	mg/l	NT	<0.15	NT	<0.002
Arsenic	mg/l	<0.001	0.017	NT	<0.004
Beryllium	mg/l	<0.01	<0.01	NT	<0.01
Cadmium	mg/l	<0.01	0.001	NT	<0.0005
Calcium	mg/l	NT	NT	NT	8.66
Chromium	mg/l	<0.02	0.005	NT	<0.002
Cobalt	mg/l	NT	NT	NT	<0.02
Copper	mg/l	<0.03	<0.03	NT	<0.02
Lead	mg/l	0.005	0.003	NT	<0.002
Magnesium	mg/l	NT	NT	NT	5.09
Mercury	mg/l	<0.0002	<0.0002	NT	0.0008
Nickel	mg/l	<0.1	<0.1	NT	<0.1
Selenium	mg/l	<0.001	<0.001	NT	0.006
Silver	mg/l	<0.02	<0.001	NT	<0.005
Thallium	mg/l	<0.3	<0.3	NT	<0.3
Vanadium	mg/l	NT	NT	NT	<0.1
Zinc	mg/l	<0.01	0.03	NT	<0.01

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-20-23	LF-20-23	LF-20-23	LF-20-23
SAMPLING DATE:		02/07/84	04/25/84	07/29/85	09/03/86
BCM SAMPLE NUMBER:		401707	406458	513734	617304
		401699	406452	513724	617294
INDICATOR PARAMETERS:					
Biochemical Oxygen Demand (BOD)	mg/l	102.0	<3.0	NT	NT
Chemical Oxygen Demand (COD)	mg/l	175.0	<4.0	20.0	<1.0
Lethane	mg/l	<0.001	<0.001	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	179.0	119.0	311.0	999.0
Total Coliform Bacteria	#/100m	240.0	NT	NT	NT
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	<1.0
Total Organic Carbon (TOC)	mg/l	31.0	<1.0	NT	NT
Total Organic Halides	ug/l	NT	20.0	NT	NT
pH-Laboratory	Std.Un	5.6	5.6	5.3	5.4
OTHER PARAMETERS:					
Gross B-Radioactivity	pc i/l	<3.0	<3.0	NT	NT
Gross a-Radioactivity	pc i/l	<2.0	<2.0	NT	NT
Total Phenolics	mg/l	0.075	<0.002	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20
SAMPLING DATE:		02/07/85	02/07/85	07/30/85	07/30/85	10/25/85	10/25/85	01/16/86	04/15/86	09/08/86
BCM SAMPLE NUMBER:		502347	502348	513879	513880	519398	519399	600901	607176	617610
		502342	502343	513869	513870	519391	519392	600886		
SAMPLE ID:			DUP OF 502347		DUP OF 513879	DUP OF 519399				
VOLATILE ORGANICS:										
Total Xylenes	ug/l	NT	NT	<1.0	<1.0	2.8	<1.0	<1.0	NT	NT
1,1,1-Trichloroethane	ug/l	<10.0	<10.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	<10.0	<10.0	NT	NT	<1.0	<1.0	<1.0	<1.0	<5.0
1,1,2-Trichloroethane	ug/l	<10.0	<10.0	NT	NT	<1.0	<1.0	<1.0	<1.0	<5.0
1,1-Dichloroethane	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
1,1-Dichloroethene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
1,2-Dichloroethane	ug/l	<10.0	<10.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<5.0
1,2-Dichloropropane	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<10.0
2-Chloroethylvinylether	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<10.0
2-Hexanone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<10.0
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<10.0
Acetone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<10.0
Acrolein	ug/l	<100.0	<100.0	NT	NT	NT	NT	NT	NT	NT
Acrylonitrile	ug/l	<100.0	<100.0	NT	NT	NT	NT	NT	NT	NT
Benzene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Bromodichloromethane	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Bromoform	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Bromomethane (Methyl Bromide)	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
Carbon Disulfide	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<5.0
Carbon Tetrachloride	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Chlorobenzene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Chloroethane	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
Chloroform	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Chloromethane (Methyl Chloride)	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
Cis-1,3-Dichloropropene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Dibromochloromethane	ug/l	<10.0	<10.0	NT	NT	<1.0	<1.0	<1.0	<1.0	<5.0
Dichlorofluoromethane	ug/l	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
M,P-Xylene	ug/l	NT	NT	NT	NT	NT	NT	NT	<1.0	NT
M-Xylene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<5.0
Methylene Chloride	ug/l	<10.0	<10.0	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<5.0
O,P-Xylene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<5.0
Styrene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<5.0
Tetrachloroethene (PCE)	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Toluene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	1.1	1.9	<5.0

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:		LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20
SAMPLING DATE:		02/07/85	02/07/85	07/30/85	07/30/85	10/25/85	10/25/85	01/16/86	04/15/86	09/08/86
BCM SAMPLE NUMBER:		502347	502348	513879	513880	519398	519399	600901	607176	617610
		502342	502343	513869	513870	519391	519392	600886		
SAMPLE ID:			DUP OF 502347		DUP OF 513879	DUP OF 519399				
VOLATILE ORGANICS: (CONT.)										
Trans-1,3-Dichloropropene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Trichloroethene (TCE)	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Trichlorofluoromethane	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT
Vinyl Acetate	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<10.0
Vinyl Chloride	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
bis(Chloromethyl) ether	ug/l	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Total Volatile Organics	ng/l	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
Total Volatile Organics	ug/l	BDL	BDL	BDL	3.5	4.3	BDL	1.1	1.9	BDL
ACID EXTRACTABLE ORGANICS:										
2,4,5-Trichlorophenol	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
2,4,6-Trichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<100.0
2,4-Dichlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<20.0
2,4-Dimethylphenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<20.0
2,4-Dinitrophenol	ug/l	<250.0	<250.0	NT	NT	NT	NT	NT	NT	<100.0
2-Chlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<20.0
2-Methylphenol (O-Cresol)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
2-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<20.0
4,6-Dinitro-2-methylphenol	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<100.0
4,6-Dinitro-O-Cresol	ug/l	<250.0	<250.0	NT	NT	NT	NT	NT	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	NT
4-Methylphenol (P-Cresol)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
4-Nitrophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<100.0
Benzoic acid	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<100.0
M & P Cresols	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
Pentachlorophenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<100.0
Phenol	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<20.0
Total Acid Extractables	ug/l	BDL	BDL	NT	NT	NT	NT	NT	NT	BDL

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:		LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20
SAMPLING DATE:		02/07/85	02/07/85	07/30/85	07/30/85	10/25/85	10/25/85	01/16/86	04/15/86	09/08/86
BCM SAMPLE NUMBER:		502347	502348	513879	513880	519398	519399	600901	607176	617610
		502342	502343	513869	513870	519391	519392	600886		
SAMPLE ID:			DUP OF 502347		DUP OF 513879	DUP OF 519399				
BASE/NEUTRAL ORGANICS:										
1,2,3,4-Tetrachlorobenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
1,2,4-Trichlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
1,2-Dichlorobenzene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<20.0
1,2-Diphenylhydrazine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<20.0
1,4-Dichlorobenzene	ug/l	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<20.0
2,4-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
2,6-Dinitrotoluene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
2-Chloronaphthalene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
2-Methylnaphthalene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
2-Nitroaniline	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<100.0
3,3'-Dichlorobenzidine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<40.0
3-Nitroaniline	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<100.0
4-Bromophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
4-Chloroaniline	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
4-Chlorophenyl-phenylether	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
4-Nitroaniline	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<100.0
Acenaphthene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Acenaphthylene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Anthracene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Benzidine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Benzo(a)pyrene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Benzo(g,h,i)perylene	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<20.0
Benzo(k)fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Benzyl alcohol	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Butylbenzylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Chrysene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Di-n-butylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Di-n-octylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Dibenz(a,h)anthracene	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<20.0
Dibenzofuran	ug/l	NT	NT	NT	NT	NT	NT	NT	NT	<20.0
Diethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Dimethylphthalate	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Fluoranthene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20
SAMPLING DATE:		02/07/85	02/07/85	07/30/85	07/30/85	10/23/85	10/23/85	01/16/86	04/15/86	09/08/86
BCM SAMPLE NUMBER:		502347	502348	513879	513880	519398	519399	600901	607176	617610
		502342	502343	513869	513870	519391	519392	600886		
SAMPLE ID:			DUP OF 502347		DUP OF 513879	DUP OF 519399				
BASE/NEUTRAL ORGANICS: (CONT.)										
Fluorene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Hexachlorobenzene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Hexachlorobutadiene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Hexachlorocyclopentadiene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Hexachloroethane	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<25.0	NT	NT	NT	NT	NT	NT	<20.0
Isophorone	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
N-Nitrosodimethylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Naphthalene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Nitrobenzene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Phenanthrene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Pyrene	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
bis(2-Chloroethoxy)methane	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
bis(2-Chloroethyl)ether	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	<20.0
Total Base/Neutral Organics	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
TENTATIVELY IDENTIFIED SEMI-VOLATILE ORGANICS										
Unknown	ug/l	--	--	--	--	--	--	--	--	21.0 J
Total Tentatively Ident. Semi-Volatiles	ug/l	--	-	--	--	--	--	--	--	21.0
PESTICIDES, PCB'S AND HERBICIDES:										
2,4,5-TP	ug/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
2,4-D	ug/l	<0.1	<0.01	NT	NT	NT	NT	NT	NT	NT
4,4'-DDD	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
4,4'-DDE	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
4,4'-DDT	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
-- : NONE DETECTED.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20
SAMPLING DATE:	02/07/85	02/07/85	07/30/85	07/30/85	10/23/85	10/23/85	01/16/86	04/15/86	09/08/86
BCM SAMPLE NUMBER:	502347	502348	513879	513880	519398	519399	600901	607176	617610
	502342	502343	513869	513870	519391	519392	600886		
SAMPLE ID:		DUP OF 502347		DUP OF 513879	DUP OF 519399				

PESTICIDES, PCB'S AND HERBICIDES: (CONT.)

Aldrin	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Alpha-BHC	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Beta-BHC	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Chlordane	ug/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Delta-BHC	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Dieldrin	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Endosulfan I	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Endosulfan II	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Endosulfan Sulfate	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Endrin	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Endrin Aldehyde	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Gamma-BHC (Lindane)	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Heptachlor	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Heptachlor Epoxide	ug/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
PCB-1016	ug/l	<0.5	<0.5	NT	NT	NT	NT	NT	NT	NT
PCB-1221	ug/l	<1.0	<1.0	NT	NT	NT	NT	NT	NT	NT
PCB-1232	ug/l	<0.5	<0.05	NT	NT	NT	NT	NT	NT	NT
PCB-1242	ug/l	<0.5	<0.5	NT	NT	NT	NT	NT	NT	NT
PCB-1248	ug/l	<0.5	<0.5	NT	NT	NT	NT	NT	NT	NT
PCB-1254	ug/l	<0.5	<0.5	NT	NT	NT	NT	NT	NT	NT
PCB-1260	ug/l	<0.5	<0.5	NT	NT	NT	NT	NT	NT	NT
Total PCB's	ug/l	BDL JB	BDL JB	NT	NT	NT	NT	NT	NT	NT
Toxaphene	ug/l	<0.04	<0.04	NT	NT	NT	NT	NT	NT	NT

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Acetone	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Butyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Butyl Methacrylate	mg/l	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT
Cellosolve Acetate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
DNCP	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20
SAMPLING DATE:		02/07/85	02/07/85	07/30/85	07/30/85	10/25/85	10/25/85	01/16/86	04/15/86	09/08/86
BCM SAMPLE NUMBER:		502347	502348	513879	513880	519398	519399	600901	607176	617610
		502342	502343	513869	513870	519391	519392	600886		
SAMPLE ID:			DUP OF 502347		DUP OF 513879	DUP OF 519399				
ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS: (CONT.)										
Ethanol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Ethyl Acetate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Ethyl Acrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Isobutyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Isopropyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Karathane	mg/l	<0.01	<0.01	NT	NT	NT	NT	NT	NT	NT
Methyl Methacrylate	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Oil & Grease	mg/l	4.0	12.0	NT	NT	NT	NT	NT	NT	NT
Styrene	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
Surfactants (MBAS)	mg/l	0.65	0.53	NT	NT	NT	NT	NT	NT	NT
n-Butyl Alcohol	mg/l	<0.1	<0.1	NT	NT	NT	NT	NT	NT	NT
ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:										
Barium	mg/l	0.307	0.225	NT	NT	NT	NT	NT	NT	NT
Boron	mg/l	0.19	0.23	NT	NT	NT	NT	NT	NT	NT
Chloride	mg/l	9.8	10.8	NT	NT	NT	NT	NT	NT	NT
Cyanide	mg/l	<0.0005	<0.0005	NT	NT	NT	NT	NT	NT	NT
Iron	mg/l	32.5	34.3	NT	NT	NT	NT	NT	NT	NT
Manganese	mg/l	16.1	17.3	NT	NT	NT	NT	NT	NT	NT
Nitrate as N	mg/l	<0.25	<0.25	NT	NT	NT	NT	NT	NT	NT
Nitrogen, Ammonia	mg/l	13.3	13.3	19.9	19.7	18.06	17.62	14.1	134.0	13.6
Sodium	mg/l	3.18	3.92	NT	NT	NT	NT	NT	NT	NT
Sulfate as SO4	mg/l	26.5	28.0	15.7	15.9	19.4	19.0	5.44	<1.0	1.0
Sulfides as S	mg/l	1.0	1.0	NT	NT	NT	NT	NT	NT	NT
METALS:										
Arsenic	mg/l	<0.002	<0.002	NT	NT	NT	NT	NT	NT	NT
Cadmium	mg/l	<0.0005	<0.0005	NT	NT	NT	NT	NT	NT	NT
Chromium	mg/l	0.002	<0.002	NT	NT	NT	NT	NT	NT	NT
Lead	mg/l	<0.002	<0.002	NT	NT	NT	NT	NT	NT	NT
Mercury	mg/l	<0.0002	<0.0002	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY

000193

SAMPLING LOCATION:		LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20	LF-106-20
SAMPLING DATE:		02/07/85	02/07/85	07/30/85	07/30/85	10/25/85	10/25/85	01/16/86	04/15/86	09/08/86
BCM SAMPLE NUMBER:		502347	502348	513879	513880	519398	519399	600901	607176	617610
		502342	502343	513869	513870	519391	519392	600886		
SAMPLE ID:			DUP OF 502347		DUP OF 513879	DUP OF 519399				
METALS: (CONT.)										
Zinc	mg/l	0.06	0.03	NT	NT	NT	NT	NT	NT	NT
INDICATOR PARAMETERS:										
Biochemical Oxygen Demand (BOD)	mg/l	13.4	18.6	NT	NT	NT	NT	NT	NT	NT
Chemical Oxygen Demand (COD)	mg/l	21.5	24.0	198.0	62.0	24.0	64.0	63.0	77.0	37.0
Lethane	mg/l	<0.001	<0.001	NT	NT	NT	NT	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	822.0	819.0	1025.0	1022.0	789.0	755.0	620.0	723.0	568.0
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	NT	NT	NT	NT	NT	310.0
Total Organic Carbon (TOC)	mg/l	8.0	8.0	NT	NT	NT	NT	NT	NT	NT
Total Organic Halides	ug/l	22.9	<20.0	NT	NT	NT	NT	NT	NT	NT
pH-Laboratory	Std.Un	6.6	6.6	6.5	6.5	6.78	6.75	6.7	6.6	6.6
OTHER PARAMETERS:										
Total Phenolics	mg/l	0.005	0.005	NT	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY

000153

SAMPLING LOCATION:	LF-106-20
SAMPLING DATE:	12/31/86
BCM SAMPLE NUMBER:	627779

VOLATILE ORGANICS:

Total Xylenes	ug/l	<1.0
1,1,1-Trichloroethane	ug/l	<1.0
1,1-Dichloroethane	ug/l	<1.0
1,1-Dichloroethene	ug/l	<1.0
1,2-Dichloroethane	ug/l	<1.0
1,2-Dichloropropane	ug/l	<1.0
Acetone	ug/l	4200.0
Benzene	ug/l	<1.0
Bromodichloromethane	ug/l	<1.0
Bromoform	ug/l	<1.0
Bromomethane (Methyl Bromide)	ug/l	<1.0
Carbon Tetrachloride	ug/l	<1.0
Chlorobenzene	ug/l	<1.0
Chloroethane	ug/l	<1.0
Chloroform	ug/l	<1.0
Chloromethane (Methyl Chloride)	ug/l	<1.0
Cis-1,3-Dichloropropene	ug/l	<1.0
Ethylbenzene	ug/l	<1.0
Methylene Chloride	ug/l	<1.0
Tetrachloroethene (PCE)	ug/l	<1.0
Toluene	ug/l	<1.0
Trans-1,3-Dichloropropene	ug/l	<1.0
Trichloroethene (TCE)	ug/l	<1.0
Trichlorofluoromethane	ug/l	<1.0
Vinyl Chloride	ug/l	<1.0
trans-1,2-Dichloroethene	ug/l	<1.0
Total Volatile Organics	ug/l	4200.0

BASE/NEUTRAL ORGANICS:

1,2-Dichlorobenzene	ug/l	<1.0
1,3-Dichlorobenzene	ug/l	<1.0
1,4-Dichlorobenzene	ug/l	<1.0
Total Base/Neutral Organics	ug/l	BDL

BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

00135

SAMPLING LOCATION:	LF-106-20
SAMPLING DATE:	12/31/86
BCM SAMPLE NUMBER:	627779

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Nitrogen, Ammonia	mg/l	13.4
Sulfate as SO4	mg/l	<1.0

INDICATOR PARAMETERS:

Chemical Oxygen Demand (COD)	mg/l	129.0
Specific Conductance(umhos/cm @25 Deg C)	umhos	595.0
pH-Laboratory	Std.Un	6.4

SAMPLING LOCATION:	LF-106-43	LF-106-43	LF-106-43
SAMPLING DATE:	02/07/85	07/30/85	09/08/86
BCM SAMPLE NUMBER:	502349	513881	617611
	502349	513871	

VOLATILE ORGANICS:

Total Xylenes	ug/l	NT	<1.0	NT
1,1,1-Trichloroethane	ug/l	<10.0	<1.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	<10.0	NT	<5.0
1,1,2-Trichloroethane	ug/l	<10.0	NT	<5.0
1,1-Dichloroethane	ug/l	<10.0	<1.0	<5.0
1,1-Dichloroethene	ug/l	<10.0	<1.0	<5.0
1,2-Dichloroethane	ug/l	<10.0	<1.0	<5.0
1,2-Dichloropropane	ug/l	<10.0	<1.0	<5.0
2-Butanone (MEK)	ug/l	NT	NT	<10.0
2-Chloroethylvinylether	ug/l	<10.0	NT	<10.0
2-Hexanone	ug/l	NT	NT	<10.0
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	<10.0
Acetone	ug/l	NT	NT	<10.0
Acrolein	ug/l	<100.0	NT	NT
Acrylonitrile	ug/l	<100.0	NT	NT
Benzene	ug/l	<10.0	<1.0	<5.0
Bromodichloromethane	ug/l	<10.0	<1.0	<5.0
Bromoform	ug/l	<10.0	<1.0	<5.0
Bromomethane (Methyl Bromide)	ug/l	<10.0	<1.0	<10.0
Carbon Disulfide	ug/l	NT	NT	<5.0
Carbon Tetrachloride	ug/l	<10.0	<1.0	<5.0
Chlorobenzene	ug/l	<10.0	<1.0	<5.0
Chloroethane	ug/l	<10.0	<1.0	<10.0
Chloroform	ug/l	<10.0	<1.0	<5.0
Chloromethane (Methyl Chloride)	ug/l	<10.0	<1.0	<10.0
Cis-1,3-Dichloropropene	ug/l	<10.0	<1.0	<5.0
Dibromochloromethane	ug/l	<10.0	NT	<5.0
Dichlorofluoromethane	ug/l	BDL	NT	NT
Ethylbenzene	ug/l	<10.0	<1.0	<5.0
M-Xylene	ug/l	<10.0	NT	<5.0
Methylene Chloride	ug/l	<10.0	<1.0	<5.0
O,P-Xylene	ug/l	<10.0	NT	<5.0
Styrene	ug/l	NT	NT	<5.0
Tetrachloroethene (PCE)	ug/l	<10.0	<1.0	<5.0
Toluene	ug/l	<10.0	<1.0	<5.0
Trans-1,3-Dichloropropene	ug/l	<10.0	<1 0	<5.0
Trichloroethene (TCE)	ug/l	<10.0	<1.0	<5.0

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

000139

SAMPLING LOCATION:		LF-106-43	LF-106-43	LF-106-43
SAMPLING DATE:		02/07/85	07/30/85	09/08/86
BCM SAMPLE NUMBER:		502349	513881	617611
		502344	513871	

VOLATILE ORGANICS: (CONT.)

Trichlorofluoromethane	ug/l	<10.0	<1.0	NT
Vinyl Acetate	ug/l	NT	NT	<10.0
Vinyl Chloride	ug/l	<10.0	<1.0	<10.0
bis(Chloromethyl) ether	ug/l	BDL	NT	NT
trans-1,2-Dichloroethene	ug/l	<10.0	<1.0	<5.0
Total Volatile Organics	mg/l	BDL	NT	NT
Total Volatile Organics	ug/l	BDL	BDL	BDL

ACID EXTRACTABLE ORGANICS:

2,4,5-Trichlorophenol	ug/l	NT	NT	<20.0
2,4,6-Trichlorophenol	ug/l	<25.0	NT	<100.0
2,4-Dichlorophenol	ug/l	<25.0	NT	<20.0
2,4-Dimethylphenol	ug/l	<25.0	NT	<20.0
2,4-Dinitrophenol	ug/l	<250.0	NT	<100.0
2-Chlorophenol	ug/l	<25.0	NT	<20.0
2-Methylphenol (O-Cresol)	ug/l	NT	NT	<20.0
2-Nitrophenol	ug/l	<25.0	NT	<20.0
4,6-Dinitro-2-methylphenol	ug/l	NT	NT	<100.0
4,6-Dinitro-O-Cresol	ug/l	<250.0	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	NT	NT
4-Methylphenol (P-Cresol)	ug/l	NT	NT	<20.0
4-Nitrophenol	ug/l	<25.0	NT	<100.0
Benzoic acid	ug/l	NT	NT	<100.0
M & P Cresols	ug/l	NT	NT	<20.0
Pentachlorophenol	ug/l	<25.0	NT	<100.0
Phenol	ug/l	<25.0	NT	<20.0
Total Acid Extractables	ug/l	BDL	NT	BDL

BASE/NEUTRAL ORGANICS

1,2,3,4-Tetrachlorobenzene	ug/l	NT	NT	<20.0
1,2,4-Trichlorobenzene	ug/l	<10.0	NT	<20.0

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:	LF-106-43	LF-106-43	LF-106-43
SAMPLING DATE:	02/07/83	07/30/83	09/08/86
BCM SAMPLE NUMBER:	502349	513881	617611
	502344	513871	

BASE/NEUTRAL ORGANICS: (CONT.)

1,2-Dichlorobenzene	ug/l	<10.0	<1.0	<20.0
1,2-Diphenylhydrazine	ug/l	<10.0	NT	NT
1,3-Dichlorobenzene	ug/l	<10.0	<1.0	<20.0
1,4-Dichlorobenzene	ug/l	<10.0	<1.0	<20.0
2,4-Dinitrotoluene	ug/l	<10.0	NT	<20.0
2,6-Dinitrotoluene	ug/l	<10.0	NT	<20.0
2-Chloronaphthalene	ug/l	<10.0	NT	<20.0
2-Methylnaphthalene	ug/l	NT	NT	<20.0
2-Nitroaniline	ug/l	NT	NT	<100.0
3,3'-Dichlorobenzidine	ug/l	<10.0	NT	<40.0
3-Nitroaniline	ug/l	NT	NT	<100.0
4-Bromophenyl-phenylether	ug/l	<10.0	NT	<20.0
4-Chloroaniline	ug/l	NT	NT	<20.0
4-Chlorophenyl-phenylether	ug/l	<10.0	NT	<20.0
4-Nitroaniline	ug/l	NT	NT	<100.0
Acenaphthene	ug/l	<10.0	NT	<20.0
Acenaphthylene	ug/l	<10.0	NT	<20.0
Anthracene	ug/l	<10.0	NT	<20.0
Benzidine	ug/l	<10.0	NT	NT
Benzo(a)anthracene	ug/l	<10.0	NT	<20.0
Benzo(a)pyrene	ug/l	<10.0	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	NT	<20.0
Benzo(g,h,i)perylene	ug/l	<25.0	NT	<20.0
Benzo(k)fluoranthene	ug/l	<10.0	NT	<20.0
Benzyl alcohol	ug/l	NT	NT	<20.0
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	NT	<20.0
Butylbenzylphthalate	ug/l	<10.0	NT	<20.0
Chrysene	ug/l	<10.0	NT	<20.0
Di-n-butylphthalate	ug/l	<10.0	NT	<20.0
Di-n-octylphthalate	ug/l	<10.0	NT	<20.0
Dibenz(a,h)anthracene	ug/l	<25.0	NT	<20.0
Dibenzofuran	ug/l	NT	NT	<20.0
Diethylphthalate	ug/l	<10.0	NT	<20.0
Dimethylphthalate	ug/l	<10.0	NT	<20.0
Fluoranthene	ug/l	<10.0	NT	<20.0
Fluorene	ug/l	<10.0	NT	<20.0
Hexachlorobenzene	ug/l	<10.0	NT	<20.0
Hexachlorobutadiene	ug/l	<10.0	NT	<20.0

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:	LF-106-43	LF-106-43	LF-106-43
SAMPLING DATE:	02/07/85	07/30/85	09/08/86
BCM SAMPLE NUMBER:	502349	513881	617611
	502344	513871	

BASE/NEUTRAL ORGANICS. (CONT.)

Hexachlorocyclopentadiene	ug/l	<10.0	NT	<20.0
Hexachloroethane	ug/l	<10.0	NT	<20.0
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	NT	<20.0
Isophorone	ug/l	<10.0	NT	<20.0
N-Nitroso-Di-n-propylamine	ug/l	<10.0	NT	<20.0
N-Nitrosodimethylamine	ug/l	<10.0	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	NT	<20.0
Naphthalene	ug/l	<10.0	NT	<20.0
Nitrobenzene	ug/l	<10.0	NT	<20.0
Phenanthrene	ug/l	<10.0	NT	<20.0
Pyrene	ug/l	<10.0	NT	<20.0
bis(2-Chloroethoxy)methane	ug/l	<10.0	NT	<20.0
bis(2-Chloroethyl)ether	ug/l	<10.0	NT	<20.0
bis(2-Chloroisopropyl)ether	ug/l	<10.0	NT	<20.0
Total Base/Neutral Organics	ug/l	BDL	BDL	BDL

PESTICIDES, PCB'S AND HERBICIDES

2,4,5-TP	ug/l	<0.1	NT	NT
2,4-D	ug/l	<0.1	NT	NT
4,4'-DDD	ug/l	<0.01	NT	NT
4,4'-DDE	ug/l	<0.01	NT	NT
4,4'-DDT	ug/l	<0.01	NT	NT
Aldrin	ug/l	<0.01	NT	NT
Alpha-BHC	ug/l	<0.01	NT	NT
Beta-BHC	ug/l	<0.01	NT	NT
Chlordane	ug/l	<0.1	NT	NT
Delta-BHC	ug/l	<0.01	NT	NT
Dieldrin	ug/l	<0.01	NT	NT
Endosulfan I	ug/l	<0.01	NT	NT
Endosulfan II	ug/l	<0.01	NT	NT
Endosulfan Sulfate	ug/l	<0.01	NT	NT
Endrin	ug/l	<0.01	NT	NT
Endrin Aldehyde	ug/l	<0.01	NT	NT
Gamma-BHC (Lindane)	ug/l	<0.01	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

000144

SAMPLING LOCATION:	LF-106-43	LF-106-43	LF-106-43
SAMPLING DATE:	02/07/85	07/30/85	09/08/86
BCM SAMPLE NUMBER:	502399	513881	617611
	502394	513871	

PESTICIDES, PCB'S AND HERBICIDES: (CONT.)

Heptachlor	ug/l	<0.01	NT	NT
Heptachlor Epoxide	ug/l	<0.01	NT	NT
PCB-1016	ug/l	<0.5	NT	NT
PCB-1221	ug/l	<1.0	NT	NT
PCB-1232	ug/l	<0.5	NT	NT
PCB-1242	ug/l	<0 5	NT	NT
PCB-1248	ug/l	<0.5	NT	NT
PCB-1254	ug/l	<0.5	NT	NT
PCB-1260	ug/l	<0.5	NT	NT
Total PCB's	ug/l	BDL JB	NT	NT
Toxaphene	ug/l	<0.04	NT	NT

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	<0.1	NT	NT
Acetone	mg/l	<0.1	NT	NT
Butyl Acrylate	mg/l	<0.1	NT	NT
Butyl Methacrylate	mg/l	<10.0	NT	NT
Cellosolve Acetate	mg/l	<0 1	NT	NT
DMCP	mg/l	<0.01	NT	NT
Ethanol	mg/l	<0.1	NT	NT
Ethyl Acetate	mg/l	<0.1	NT	NT
Ethyl Acrylate	mg/l	<0.1	NT	NT
Isobutyl Alcohol	mg/l	<0.1	NT	NT
Isopropyl Alcohol	mg/l	<0.1	NT	NT
Karathane	mg/l	<0.01	NT	NT
Methyl Methacrylate	mg/l	<0.1	NT	NT
Oil & Grease	mg/l	2.0	NT	NT
Styrene	mg/l	<0.1	NT	NT
Surfactants (MBAS)	mg/l	0.94	NT	NT
n-Butyl Alcohol	mg/l	<0.1	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-106-43	LF-106-43	LF-106-43
SAMPLING DATE:		02/07/85	07/30/85	09/08/86
BCM SAMPLE NUMBER:		502349	513881	617611
		502344	513871	

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Barium	mg/l	0.28	NT	NT
Boron	mg/l	0.14	NT	NT
Chloride	mg/l	25.2	NT	NT
Cyanide	mg/l	<0.0005	NT	NT
Iron	mg/l	92.2	NT	NT
Manganese	mg/l	1.18	NT	NT
Nitrate as N	mg/l	<0.25	NT	NT
Nitrogen, Ammonia	mg/l	3.66	3.55	1.65
Sodium	mg/l	15.1	NT	NT
Sulfate as SO4	mg/l	<2.0	<1.0	1.3
Sulfides as S	mg/l	1.0	NT	NT

METALS:

Arsenic	mg/l	0.063	NT	NT
Cadmium	mg/l	<0.0005	NT	NT
Chromium	mg/l	0.002	NT	NT
Lead	mg/l	<0.002	NT	NT
Mercury	mg/l	<0.0002	NT	NT
Zinc	mg/l	0.02	NT	NT

INDICATOR PARAMETERS:

Biochemical Oxygen Demand (BOD)	mg/l	67.2	NT	NT
Chemical Oxygen Demand (COD)	mg/l	53.0	67.0	46.0
Lethane	mg/l	<0.001	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	437.0	583.0	371.0
Total Dissolved Solids (TDS)	mg/l	NT	NT	283.0
Total Organic Carbon (TOC)	mg/l	7.0	NT	NT
Total Organic Halides	ug/l	<20.0	NT	NT
pH-Laboratory	Std.Un	6.6	6.5	6.8

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-106-43	LF-106-43	LF-106-43
SAMPLING DATE:		02/07/85	07/30/85	09/08/86
BCM SAMPLE NUMBER:		502349	513881	617611
		502349	513871	

OTHER PARAMETERS:

Total Phenolics	mg/l	0.007	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15
SAMPLING DATE:		02/07/85	07/30/85	01/16/86	09/08/86	10/03/88	10/03/88	09/26/89
BCM SAMPLE NUMBER:		502350	513882	600905	617612	832836	832837	930269
		502345	513872	600890				
SAMPLE ID:							DUP OF 832836	

PHYSICAL PROPERTIES:

Temperature	deg. c	NT	NT	NT	NT	NT	NT	18.0
pH-Field	Std.Un	NT	NT	NT	NT	NT	NT	6.29

VOLATILE ORGANICS:

Total Xylenes	ug/l	NT	<1.0	<1.0	NT	NT	NT	NT
1,1,1-Trichloroethane	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	<10.0	NT	<1.0	<5.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	<10.0	NT	<1.0	<5.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	ug/l	NT	NT	NT	<10.0	NT	NT	NT
2-Chloroethylvinylether	ug/l	<10.0	NT	NT	<10.0	NT	NT	NT
2-Hexanone	ug/l	NT	NT	NT	<10.0	NT	NT	NT
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	NT	NT	<10.0	NT	NT	NT
Acetone	ug/l	NT	NT	NT	<10.0	NT	NT	NT
Acrolein	ug/l	<100.0	NT	NT	NT	NT	NT	NT
Acrylonitrile	ug/l	<100.0	NT	NT	NT	NT	NT	NT
Benzene	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Bromoform	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Bromomethane (Methyl Bromide)	ug/l	<10.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0
Carbon Disulfide	ug/l	NT	NT	NT	<5.0	NT	NT	NT
Carbon Tetrachloride	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	<10.0	3.7	<1.0	<5.0	<1.0	<1.0	<1.0
Chloroethane	ug/l	<10.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0
Chloroform	ug/l	<10.0	2.6	<1.0	<5.0	<1.0	<1.0	<1.0
Chloromethane (Methyl Chloride)	ug/l	<10.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0
Cis-1,3-Dichloropropene	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	<10.0	NT	<1.0	<5.0	<1.0	<1.0	<1.0
Dichlorofluoromethane	ug/l	BDL	NT	NT	NT	NT	NT	NT
Ethylbenzene	ug/l	<10.0	5.1	<1.0	<5.0	<1.0	<1.0	<1.0

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

000145

SAMPLING LOCATION:		LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15
SAMPLING DATE:		02/07/85	07/30/85	01/16/86	09/08/86	10/03/88	10/03/88	09/26/89
BCM SAMPLE NUMBER:		502350	513882	600903	617612	832836	832837	930269
		502345	513872	600890				
SAMPLE ID:							DUP OF 832836	

VOLATILE ORGANICS: (CONT.)

M-Xylene	ug/l	<10.0	NT	NT	<5.0	5.7	<1.0	<1.0
Methylene Chloride	ug/l	<10.0	1.7	<1.0	<5.0	<1.0	<1.0	<1.0
O,P-Xylene	ug/l	<10.0	NT	NT	<5.0	<1.0	<1.0	<1.0
Styrene	ug/l	NT	NT	NT	<5.0	NT	NT	NT
Tetrachloroethene (PCE)	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Toluene	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Trichloroethene (TCE)	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	ug/l	<10.0	<1.0	<1.0	NT	<1.0	<1.0	<1.0
Vinyl Acetate	ug/l	NT	NT	NT	<10.0	NT	NT	NT
Vinyl Chloride	ug/l	<10.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0
bis(Chloromethyl) ether	ug/l	BDL	NT	NT	NT	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	<10.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
Total Volatile Organics	ng/l	BDL	NT	NT	NT	NT	NT	NT
Total Volatile Organics	ug/l	BDL	13.1	BDL	BDL	NT	NT	NT

ACID EXTRACTABLE ORGANICS:

2,4,5-Trichlorophenol	ug/l	NT	NT	NT	<20.0	NT	NT	NT
2,4,6-Trichlorophenol	ug/l	<25.0	NT	NT	<100.0	NT	NT	NT
2,4-Dichlorophenol	ug/l	<25.0	NT	NT	<20.0	NT	NT	NT
2,4-Dimethylphenol	ug/l	<25.0	NT	NT	<20.0	NT	NT	NT
2,4-Dinitrophenol	ug/l	<250.0	NT	NT	<100.0	NT	NT	NT
2-Chlorophenol	ug/l	<25.0	NT	NT	<20.0	NT	NT	NT
2-Methylphenol (O-Cresol)	ug/l	NT	NT	NT	<20.0	NT	NT	NT
2-Nitrophenol	ug/l	<25.0	NT	NT	<20.0	NT	NT	NT
4,6-Dinitro-2-methylphenol	ug/l	NT	NT	NT	<100.0	NT	NT	NT
4,6-Dinitro-O-Cresol	ug/l	<250.0	NT	NT	NT	NT	NT	NT
4-Chloro-3-methylphenol	ug/l	<25.0	NT	NT	NT	NT	NT	NT
4-Methylphenol (P-Cresol)	ug/l	NT	NT	NT	<20.0	NT	NT	NT
4-Nitrophenol	ug/l	<25.0	NT	NT	<100.0	NT	NT	NT
Benzoic acid	ug/l	NT	NT	NT	<100.0	NT	NT	NT
M & P Cresols	ug/l	NT	NT	NT	<20.0	NT	NT	NT
Pentachlorophenol	ug/l	<25.0	NT	NT	<100.0	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

000145

SAMPLING LOCATION:		LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15
SAMPLING DATE:		02/07/85	07/30/85	01/16/86	09/03/86	10/03/88	10/03/88	09/26/89
BCM SAMPLE NUMBER:		502350	513882	600905	617612	832836	832837	930269
		502345	513872	600890				
SAMPLE ID:							DUP OF 832836	

ACID EXTRACTABLE ORGANICS: (CONT.)

Phenol	ug/l	<25.0	NT	NT	<20.0	NT	NT	NT
Total Acid Extractables	ug/l	BDL	NT	NT	BDL	NT	NT	NT

BASE/NEUTRAL ORGANICS:

1,2,3,4-Tetrachlorobenzene	ug/l	NT	NT	NT	<20.0	NT	NT	NT
1,2,4-Trichlorobenzene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
1,2-Dichlorobenzene	ug/l	<10.0	<1.0	<1.0	<20.0	<1.0	<1.0	<1.0
1,2-Diphenylhydrazine	ug/l	<10.0	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	ug/l	<10.0	<1.0	<1.0	<20.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	<10.0	<1.0	<1.0	<20.0	2.3	<1.0	<1.0
2,4-Dinitrotoluene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
2,6-Dinitrotoluene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
2-Chloronaphthalene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
2-Methylnaphthalene	ug/l	NT	NT	NT	<20.0	NT	NT	NT
2-Nitroaniline	ug/l	NT	NT	NT	<100.0	NT	NT	NT
3,3'-Dichlorobenzidine	ug/l	<10.0	NT	NT	<40.0	NT	NT	NT
3-Nitroaniline	ug/l	NT	NT	NT	<100.0	NT	NT	NT
4-Bromophenyl-phenylether	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
4-Chloroaniline	ug/l	NT	NT	NT	<20.0	NT	NT	NT
4-Chlorophenyl-phenylether	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
4-Nitroaniline	ug/l	NT	NT	NT	<100.0	NT	NT	NT
Acenaphthene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Acenaphthylene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Anthracene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Benzidine	ug/l	<10.0	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Benzo(a)pyrene	ug/l	<10.0	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Benzo(g,h,i)perylene	ug/l	<25.0	NT	NT	<20 0	NT	NT	NT
Benzo(k)fluoranthene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Benzyl alcohol	ug/l	NT	NT	NT	<20.0	NT	NT	NT
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	NT	NT	2.0 J	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

00147

SAMPLING LOCATION:	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15
SAMPLING DATE:	02/07/85	07/30/85	01/16/86	09/03/86	10/03/88	10/03/88	09/26/89
BCM SAMPLE NUMBER:	502350	513882	600905	617612	832836	832837	930269
	502345	513872	600890				
SAMPLE ID:						DUP OF 832836	

BASE/NEUTRAL ORGANICS: (CONT.)

Butylbenzylphthalate	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Chrysene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Di-n-butylphthalate	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Di-n-octylphthalate	ug/l	<10.0	NT	NT	2.0 J	NT	NT	NT
Dibenz(a,h)anthracene	ug/l	<25.0	NT	NT	<20.0	NT	NT	NT
Dibenzofuran	ug/l	NT	NT	NT	<20.0	NT	NT	NT
Diethylphthalate	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Dimethylphthalate	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Fluoranthene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Fluorene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Hexachlorobenzene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Hexachlorobutadiene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Hexachlorocyclopentadiene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Hexachloroethane	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	NT	NT	<20.0	NT	NT	NT
Isophorone	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
N-Nitroso-Di-n-propylamine	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
N-Nitrosodimethylamine	ug/l	<10.0	NT	NT	NT	NT	NT	NT
N-Nitrosodiphenylamine	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Naphthalene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Nitrobenzene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Phenanthrene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Pyrene	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
bis(2-Chloroethoxy)methane	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
bis(2-Chloroethyl)ether	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
bis(2-Chloroisopropyl)ether	ug/l	<10.0	NT	NT	<20.0	NT	NT	NT
Total Base/Neutral Organics	ug/l	BDL	BDL	BDL	4.0	NT	NT	NT

PESTICIDES, PCB'S AND HERBICIDES:

2,4,5-TP	ug/l	<0.1	NT	NT	NT	NT	NT	NT
2,4-D	ug/l	<0.1	NT	NT	NT	NT	NT	NT
4,4'-DDD	ug/l	<0.01	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15
SAMPLING DATE:	02/07/85	07/30/85	01/16/86	09/03/86	10/03/88	10/03/88	09/26/89
BCM SAMPLE NUMBER:	502350	513882	600905	617612	832836	832837	930269
	502345	513872	600890				
SAMPLE ID:						DUP OF 832836	

PESTICIDES, PCB'S AND HERBICIDES: (CONT.)

4,4'-DDE	ug/l	<0.01	NT	NT	NT	NT	NT	NT
4,4'-DDT	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Aldrin	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Alpha-BHC	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Beta-BHC	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Chlordane	ug/l	<0.1	NT	NT	NT	NT	NT	NT
Delta-BHC	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Dieldrin	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Endosulfan I	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Endosulfan II	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Endosulfan Sulfate	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Endrin	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Endrin Aldehyde	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Gamma-BHC (Lindane)	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Heptachlor	ug/l	<0.01	NT	NT	NT	NT	NT	NT
Heptachlor Epoxide	ug/l	<0.01	NT	NT	NT	NT	NT	NT
PCB-1016	ug/l	<0.5	NT	NT	NT	NT	NT	NT
PCB-1221	ug/l	<1.0	NT	NT	NT	NT	NT	NT
PCB-1232	ug/l	<0.5	NT	NT	NT	NT	NT	NT
PCB-1242	ug/l	<0 5	NT	NT	NT	NT	NT	NT
PCB-1248	ug/l	<0.5	NT	NT	NT	NT	NT	NT
PCB-1254	ug/l	<0.5	NT	NT	NT	NT	NT	NT
PCB-1260	ug/l	<0.5	NT	NT	NT	NT	NT	NT
Total PCB's	ug/l	BDL JB	NT	NT	NT	NT	NT	NT
Toxaphene	ug/l	<0.04	NT	NT	NT	NT	NT	NT

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Acetone	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Butyl Acrylate	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Butyl Methacrylate	mg/l	<10.0	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:		LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15
SAMPLING DATE:		02/07/85	07/30/85	01/16/86	09/08/86	10/03/88	10/03/88	09/26/89
BCM SAMPLE NUMBER:		502350	513882	600903	617612	832836	832837	930269
		502345	513872	600890				
SAMPLE ID:							DUP OF 832836	

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS: (CONT.)

Cellosolve Acetate	mg/l	<0.1	NT	NT	NT	NT	NT	NT
DMCP	mg/l	<0.01	NT	NT	NT	NT	NT	NT
Ethanol	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Ethyl Acetate	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Ethyl Acrylate	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Isobutyl Alcohol	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Isopropyl Alcohol	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Karathane	mg/l	<0.01	NT	NT	NT	NT	NT	NT
Methyl Methacrylate	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Oil & Grease	mg/l	4.0	NT	NT	NT	NT	NT	NT
Styrene	mg/l	<0.1	NT	NT	NT	NT	NT	NT
Surfactants (MBAS)	mg/l	0.53	NT	NT	NT	NT	NT	NT
n-Butyl Alcohol	mg/l	<0.1	NT	NT	NT	NT	NT	NT

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Barium	mg/l	0.28	NT	NT	NT	NT	NT	NT
Boron	mg/l	0.21	NT	NT	NT	NT	NT	NT
Chloride	mg/l	116.0	NT	NT	NT	NT	NT	NT
Cyanide	mg/l	<0.005	NT	NT	NT	NT	NT	NT
Iron	mg/l	65.0	NT	NT	NT	NT	NT	NT
Manganese	mg/l	17.3	NT	NT	NT	NT	NT	NT
Nitrate as N	mg/l	0.83	NT	NT	NT	NT	NT	NT
Nitrogen, Ammonia	mg/l	47.5	73.0	130.7	93.5	30.0	34.0	42.1
Sodium	mg/l	32.2	NT	NT	NT	NT	NT	NT
Sulfate as SO4	mg/l	<2.0	<1.0	25.7	<1.0	10.0	9.0	3.0
Sulfides as S	mg/l	2.0	NT	NT	NT	NT	NT	NT

METALS:

Arsenic	mg/l	<0.002	NT	NT	NT	NT	NT	NT
Cadmium	mg/l	<0.0005	NT	NT	NT	NT	NT	NT
Chromium	mg/l	0.002	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15	LF-107-15
SAMPLING DATE:		02/07/85	07/30/85	01/16/86	09/08/86	10/03/88	10/03/88	09/26/89
BCM SAMPLE NUMBER:		502350	513882	600905	617612	832836	832837	930269
		502345	513872	600890				
SAMPLE ID:							DUP OF 832836	
METALS (CONT.)								
Lead	mg/l	<0.002	NT	NT	NT	NT	NT	NT
Mercury	mg/l	<0.0002	NT	NT	NT	NT	NT	NT
Zinc	mg/l	0.03	NT	NT	NT	NT	NT	NT
INDICATOR PARAMETERS:								
Biochemical Oxygen Demand (BOD)	mg/l	9.2	NT	NT	NT	NT	NT	NT
Chemical Oxygen Demand (COD)	mg/l	85.0	218.0	212.0	96.0	93.0	90.0	NT
Lethane	mg/l	<0.001	NT	NT	NT	NT	NT	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	1260.0	1988.0	1675.0	1239.0	NT	NT	1000.0
Total Dissolved Solids (TDS)	mg/l	NT	NT	NT	507.0	NT	NT	NT
Total Organic Carbon (TOC)	mg/l	12.0	NT	NT	NT	NT	NT	NT
Total Organic Halides	ug/l	28.5	NT	NT	NT	NT	NT	NT
pH-Laboratory	Std.Un	6.6	6.6	6.8	6.6	NT	NT	NT
OTHER PARAMETERS:								
Total Phenolics	mg/l	0.009	NT	NT	NT	NT	NT	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-107-38	LF-107-38
SAMPLING DATE:		02/08/85	09/08/86
BCM SAMPLE NUMBER:		302415	617613
		302414	

VOLATILE ORGANICS:

1,1,1-Trichloroethane	ug/l	<10.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	<10.0	<5.0
1,1,2-Trichloroethane	ug/l	<10.0	<5.0
1,1-Dichloroethane	ug/l	<10.0	<5.0
1,1-Dichloroethene	ug/l	<10.0	<5.0
1,2-Dichloroethane	ug/l	<10.0	<5.0
1,2-Dichloropropane	ug/l	<10.0	<5.0
2-Butanone (MEK)	ug/l	NT	<10.0
2-Chloroethylvinylether	ug/l	<10.0	<10.0
2-Hexanone	ug/l	NT	<10.0
4-Methyl-2-Pentanone (MIBK)	ug/l	NT	<10.0
Acetone	ug/l	NT	<10.0
Acrolein	ug/l	<100.0	NT
Acrylonitrile	ug/l	<100.0	NT
Benzene	ug/l	<10.0	<5.0
Bromodichloromethane	ug/l	<10.0	<5.0
Bromoform	ug/l	<10.0	<5.0
Bromomethane (Methyl Bromide)	ug/l	<10.0	<10.0
Carbon Disulfide	ug/l	NT	<5.0
Carbon Tetrachloride	ug/l	<10.0	<5.0
Chlorobenzene	ug/l	<10.0	<5.0
Chloroethane	ug/l	<10.0	<10 0
Chloroform	ug/l	<10.0	<5.0
Chloromethane (Methyl Chloride)	ug/l	<10.0	<10.0
Cis-1,3-Dichloropropene	ug/l	<10.0	<5.0
Dibromochloromethane	ug/l	<10.0	<5.0
Dichlorofluoromethane	ug/l	BDL	NT
Ethylbenzene	ug/l	<10.0	<5.0
M-Xylene	ug/l	<10.0	<5 0
Methylene Chloride	ug/l	<10.0	<5.0
O,P-Xylene	ug/l	<10.0	<5 0
Styrene	ug/l	NT	<5.0
Tetrachloroethene (PCE)	ug/l	<10.0	<5.0
Toluene	ug/l	<10.0	<5.0
Trans-1,3-Dichloropropene	ug/l	<10.0	<5.0
Trichloroethene (TCE)	ug/l	<10.0	<5.0
Trichlorofluoromethane	ug/l	<10.0	NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT

00152

SAMPLING LOCATION:		LF-107-38	LF-107-38
SAMPLING DATE:		02/08/85	09/08/86
BCM SAMPLE NUMBER:		502415	617613
		502414	

VOLATILE ORGANICS: (CONT.)

Vinyl Acetate	ug/l	NT	<10.0
Vinyl Chloride	ug/l	<10.0	<10.0
bis(Chloromethyl) ether	ug/l	BDL	NT
trans-1,2-Dichloroethene	ug/l	<10.0	<5.0
Total Volatile Organics	mg/l	BDL	NT
Total Volatile Organics	ug/l	BDL	BDL

ACID EXTRACTABLE ORGANICS:

2,4,5-Trichlorophenol	ug/l	NT	<20.0
2,4,6-Trichlorophenol	ug/l	<25.0	<100.0
2,4-Dichlorophenol	ug/l	<25.0	<20.0
2,4-Dimethylphenol	ug/l	<25.0	<20.0
2,4-Dinitrophenol	ug/l	<250.0	<100.0
2-Chlorophenol	ug/l	<25.0	<20.0
2-Methylphenol (O-Cresol)	ug/l	NT	<20 0
2-Nitrophenol	ug/l	<25.0	<20 0
4,6-Dinitro-2-methylphenol	ug/l	NT	<100.0
4,6-Dinitro-O-Cresol	ug/l	<250.0	NT
4-Chloro-3-methylphenol	ug/l	<25.0	NT
4-Methylphenol (P-Cresol)	ug/l	NT	<20.0
4-Nitrophenol	ug/l	<25.0	<100.0
Benzoic acid	ug/l	NT	<100.0
M & P Cresols	ug/l	NT	<20.0
Pentachlorophenol	ug/l	<25.0	<100.0
Phenol	ug/l	<25.0	<20.0
Total Acid Extractables	ug/l	BDL	BDL

BASE/NEUTRAL ORGANICS

1,2,3,4-Tetrachlorobenzene	ug/l	NT	<20 0
1,2,4-Trichlorobenzene	ug/l	<10.0	<20.0
1,2-Dichlorobenzene	ug/l	<10.0	<20 0

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.

SAMPLING LOCATION:	LF-107-38	LF-107-38
SAMPLING DATE:	02/08/85	09/08/86
BCM SAMPLE NUMBER:	502415 502414	617613

BASE/NEUTRAL ORGANICS (CONT.)

1,2-Diphenylhydrazine	ug/l	<10.0	NT
1,3-Dichlorobenzene	ug/l	<10.0	<20.0
1,4-Dichlorobenzene	ug/l	<10.0	<20.0
2,4-Dinitrotoluene	ug/l	<10.0	<20.0
2,6-Dinitrotoluene	ug/l	<10.0	<20.0
2-Chloronaphthalene	ug/l	<10.0	<20.0
2-Methylnaphthalene	ug/l	NT	<20.0
2-Nitroaniline	ug/l	NT	<100.0
3,3'-Dichlorobenzidine	ug/l	<10.0	<40.0
3-Nitroaniline	ug/l	NT	<100.0
4-Bromophenyl-phenylether	ug/l	<10.0	<20.0
4-Chloroaniline	ug/l	NT	<20.0
4-Chlorophenyl-phenylether	ug/l	<10.0	<20.0
4-Nitroaniline	ug/l	NT	<100.0
Acenaphthene	ug/l	<10.0	<20.0
Acenaphthylene	ug/l	<10.0	<20.0
Anthracene	ug/l	<10.0	<20.0
Benzidine	ug/l	<10.0	NT
Benzo(a)anthracene	ug/l	<10.0	<20.0
Benzo(a)pyrene	ug/l	<10.0	NT
Benzo(b)fluoranthene	ug/l	<10.0	<20.0
Benzo(g,h,i)perylene	ug/l	<25.0	<20.0
Benzo(k)fluoranthene	ug/l	<10.0	<20.0
Benzyl alcohol	ug/l	NT	<20.0
Bis(2-Ethylhexyl)phthalate	ug/l	<10.0	<20.0
Butylbenzylphthalate	ug/l	<10.0	<20.0
Chrysene	ug/l	<10.0	<20.0
Di-n-butylphthalate	ug/l	<10.0	<20.0
Di-n-octylphthalate	ug/l	<10.0	<20.0
Dibenz(a,h)anthracene	ug/l	<25.0	<20.0
Dibenzofuran	ug/l	NT	<20.0
Diethylphthalate	ug/l	<10.0	<20.0
Dimethylphthalate	ug/l	<10.0	<20.0
Fluoranthene	ug/l	<10.0	<20.0
Fluorene	ug/l	<10.0	<20.0
Hexachlorobenzene	ug/l	<10.0	<20.0
Hexachlorobutadiene	ug/l	<10.0	<20.0
Hexachlorocyclopentadiene	ug/l	<10.0	<20.0

NT : NOT TESTED AS PART OF THIS STUDY.

000154

SAMPLING LOCATION:		LF-107-38	LF-107-38
SAMPLING DATE:		02/08/85	09/08/86
BCM SAMPLE NUMBER:		502415 502414	617613

BASE/NEUTRAL ORGANICS: (CONT.)

Hexachloroethane	ug/l	<10.0	<20.0
Indeno(1,2,3-cd)pyrene	ug/l	<25.0	<20.0
Isophorone	ug/l	<10.0	<20.0
N-Nitroso-Di-n-propylamine	ug/l	<10.0	<20.0
N-Nitrosodimethylamine	ug/l	<10.0	NT
N-Nitrosodiphenylamine	ug/l	<10.0	<20.0
Naphthalene	ug/l	<10.0	<20 0
Nitrobenzene	ug/l	<10.0	<20.0
Phenanthrene	ug/l	<10 0	<20.0
Pyrene	ug/l	<10.0	<20.0
bis(2-Chloroethoxy)methane	ug/l	<10.0	<20.0
bis(2-Chloroethyl)ether	ug/l	<10.0	<20.0
bis(2-Chloroisopropyl)ether	ug/l	<10.0	<20.0
Total Base/Neutral Organics	ug/l	BDL	BDL

TENTATIVELY IDENTIFIED SEMI-VOLATILE ORGANICS

1,2-BIS(2-CHLOROETHOXY)-ETHANE	ug/l	--	10.0	J
1-ETHYL-1-METHYL-CYCLOHEXANE (I)	ug/l	--	43.0	J
Unknown	ug/l	--	54.0	J
Unknown	ug/l	--	23.0	J
Unknown	ug/l	--	36.0	J
Unknown	ug/l	--	20.0	J
Unknown	ug/l	--	22.0	J
Unknown	ug/l	--	21.0	J
Unknown	ug/l	--	18.0	J
Unknown	ug/l	--	21.0	J
Unknown	ug/l	--	28.0	J
Total Tentatively Ident. Semi-Volatiles	ug/l	--	296.0	

NT : NOT TESTED AS PART OF THIS STUDY.
-- : NONE DETECTED.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-107-38	LF-107-38
SAMPLING DATE:	02/08/85	09/08/86
BCM SAMPLE NUMBER:	502415 502414	617613

PESTICIDES, PCB'S AND HERBICIDES:

2,4,5-TP	ug/l	<0.1		NT
2,4-D	ug/l	<0.1		NT
4,4'-DDD	ug/l	<0.01		NT
4,4'-DDE	ug/l	<0.01		NT
4,4'-DDT	ug/l	<0.01		NT
Aldrin	ug/l	<0.01		NT
Alpha-BHC	ug/l	<0.01		NT
Beta-BHC	ug/l	<0.01		NT
Chlordane	ug/l	<0.1		NT
Delta-BHC	ug/l	<0.01		NT
Dieldrin	ug/l	<0.01		NT
Endosulfan I	ug/l	<0.01		NT
Endosulfan II	ug/l	<0.01		NT
Endosulfan Sulfate	ug/l	<0.01		NT
Endrin	ug/l	<0.01		NT
Endrin Aldehyde	ug/l	<0.01		NT
Gamma-BHC (Lindane)	ug/l	<0.01		NT
Heptachlor	ug/l	<0.01		NT
Heptachlor Epoxide	ug/l	<0.01		NT
PCB-1016	ug/l	<0.5		NT
PCB-1221	ug/l	<1.0		NT
PCB-1232	ug/l	<0.5		NT
PCB-1242	ug/l	<0.5		NT
PCB-1248	ug/l	<0.5		NT
PCB-1254	ug/l	<0.5		NT
PCB-1260	ug/l	<0.5		NT
Total PCB's	ug/l	BDL	JB	NT
Toxaphene	ug/l	<0.04		NT

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS:

2-Butanone (MEK)	mg/l	<0.1		NT
Acetone	mg/l	<0.1		NT

NT : NOT TESTED AS PART OF THIS STUDY.
BDL : BELOW DETECTION LIMIT; NO LIMIT GIVEN. FOR TOTALS, BDL MEANS ALL INDIVIDUAL PARAMETERS WERE BELOW DETECTION LIMIT.
B : COMPOUND ALSO PRESENT IN METHOD BLANK.
J : ESTIMATED CONCENTRATION BELOW DETECTION LIMIT

SAMPLING LOCATION:	LF-107-38	LF-107-38
SAMPLING DATE:	02/08/85	09/08/86
BCM SAMPLE NUMBER:	502415 502414	617613

ROHM AND HAAS SPECIFIC ORGANIC PARAMETERS: (CONT.)

Butyl Acrylate	mg/l	<0.1	NT
Butyl Methacrylate	mg/l	<10.0	NT
Cellosolve Acetate	mg/l	<0.1	NT
DNCP	mg/l	<0.01	NT
Ethanol	mg/l	<0.1	NT
Ethyl Acetate	mg/l	<0.1	NT
Ethyl Acrylate	mg/l	<0.1	NT
Isobutyl Alcohol	mg/l	<0.1	NT
Isopropyl Alcohol	mg/l	<0.1	NT
Karathane	mg/l	<0.01	NT
Methyl Methacrylate	mg/l	<0.1	NT
Oil & Grease	mg/l	2.0	NT
Styrene	mg/l	<0.1	NT
Surfactants (MBAS)	mg/l	1.65	NT
n-Butyl Alcohol	mg/l	<0.1	NT

ROHM AND HAAS SPECIFIC INORGANIC PARAMETERS:

Barium	mg/l	0.373	NT
Boron	mg/l	0.28	NT
Chloride	mg/l	194.0	NT
Cyanide	mg/l	<0.005	NT
Iron	mg/l	103.0	NT
Manganese	mg/l	1.59	NT
Nitrate as N	mg/l	0.2	NT
Nitrogen, Ammonia	mg/l	26.5	35.3
Sodium	mg/l	139.0	NT
Sulfate as SO4	mg/l	27.7	28.8
Sulfides as S	mg/l	2.0	NT

METALS:

Arsenic	mg/l	0.039	NT
Cadmium	mg/l	<0.0005	NT

NT : NOT TESTED AS PART OF THIS STUDY.

SAMPLING LOCATION:		LF-107-38	LF-107-38
SAMPLING DATE:		02/08/85	09/08/86
BCM SAMPLE NUMBER:		502413	617613
		502414	

METALS: (CONT.)

Chromium	mg/l	0.003	NT
Lead	mg/l	<0.002	NT
Mercury	mg/l	<0.0002	NT
Zinc	mg/l	0.01	NT

INDICATOR PARAMETERS:

Biochemical Oxygen Demand (BOD)	mg/l	45.6	NT
Chemical Oxygen Demand (COD)	mg/l	177.0	148.0
Lethane	mg/l	<0.001	NT
Specific Conductance(umhos/cm @25 Deg C)	umhos	1470.0	1288.0
Total Dissolved Solids (TDS)	mg/l	NT	728.0
Total Organic Carbon (TOC)	mg/l	41.4	NT
Total Organic Halides	ug/l	148.7	NT
pH-Laboratory	Std.Un	6.3	6.5

OTHER PARAMETERS:

Total Phenolics	mg/l	0.03	NT

NT : NOT TESTED AS PART OF THIS STUDY.

ATTEMPT TO READ PAST END OF FILE ON FTN11
YOU MAY BE MISSING PART OF YOUR DATA

BCM

ATTACHMENT 4

TABLE A

SUMMARY OF POTENTIAL RISKS TO PUBLIC HEALTH ASSOCIATED WITH CHEMICALS BELIEVED TO HAVE BEEN DISPOSED OF AT THE ROHM AND HAAS BRISTOL LANDFILL

CARCINOGENIC RISK

Receptor Population	Exposure Medium	Routes of Exposure	Sum of Exposure Routes Cancer Risk	Chemical of Concern	Cancer Risk	Percentage of Total Risk	
Dirt Bike Riders	Dredged Spoil	Dermal Ingestion Inhalation	7E-07	Benzo(k)fluoranthene	1.4E-07	21	
				Benzo(b)fluoranthene	1.4E-07	21	
				Benz(a)anthracene	8.9E-08	13	
				Benz(a)pyrene (oral)	8.3E-08	12	
				Chrysene	8.5E-08	12	
				Indeno(1,2,3)perylene	7.5E-08	11	
					---	---	
					6.2E-07	90	Total
Dirt Bike Riders	Hog Run Creek	Dermal Ingestion	8E-08	Bis(2-chloroethyl)ether	6.5E-08	77	
				Vinyl Chloride (oral)	1.1E-08	13	
					---	---	
					7.7E-08	91	Total
Outside Contractors BTSTP Site	BTSTP Soil/Waste	Dermal Ingestion Inhalation	6E-07	Ethyl Acrylate	4.4E-07	73	
				Benzene (oral + inhal)	1.5E-07	25	
					---	---	
					5.9E-07	98	Total
Local Residents (lifetime)	Domestic Water from Delaware	Ingestion Showering (dermal and ingestion)	6E-07 *	Dichloroethylene (1,1-) (oral + inhal)	2.8E-07	44	
				Bis(2-chloroethyl)ether	2.2E-07	35	
				Vinyl Chloride (oral + inhal)	3.8E-08	6	
				Chloroform	3.5E-08	6	
				Trichloroethylene	1.8E-08	3	
				Benzene (oral + inhal)	2.3E-08	4	
					---	---	
					6.2E-07	97	

* Sum of routes and sum of ages

Compiled by: BCM Engineers Inc. (BCM Project No. 00-6201-21)

TABLE A (continued)

SUMMARY OF POTENTIAL RISKS TO PUBLIC HEALTH ASSOCIATED WITH CHEMICALS BELIEVED TO HAVE BEEN DISPOSED OF AT THE ROHM AND HAAS BRISTOL LANDFILL

CARCINOGENIC RISK

Receptor Population	Exposure Medium	Routes of Exposure	Sum of Exposure Routes Cancer Risk	Chemical of Concern	Cancer Risk	Percentage of Total Risk	
Local Fishermen and their families (lifetime)	Delaware River	Dermal Ingestion	9E-08 *	Bis(2-chloroethyl)ether	6.7E-08	72	
				Vinyl Chloride (oral)	1.1E-08	12	
				Dichloroethylene (1,1-)	6.4E-09	7	
					8.5E-08	91	Total
Local Fishermen and their families (lifetime)	Fish	Ingestion	1E-06 *	Bis(2-chloroethyl)ether	5.7E-07	59	
				Lindane	2.8E-07	29	
				Dichloroethylene (1,1-)	4.5E-08	5	
					8.9E-07	93	Total
Swimmers (lifetime)	Delaware River	Dermal Ingestion	6E-07 *	Bis(2-chloroethyl)ether	4.1E-07	71	
				Vinyl Chloride (oral)	7.0E-08	12	
				Dichloroethylene (1,1-)	4.5E-08	8	
					5.3E-07	91	Total

* Sum of routes and sum of ages

Compiled by: BCM Engineers Inc. (BCM Project No. 00-6201-21)

TABLE B

SUMMARY OF POTENTIAL RISKS TO PUBLIC HEALTH ASSOCIATED WITH CHEMICALS BELIEVED TO HAVE BEEN DISPOSED OF AT THE ROHM AND HAAS BRISTOL LANDFILL

NONCARCINOGENIC HAZARD INDEX

Receptor Population	Exposure Medium	Routes of Exposure	Sum of Exposure Routes Hazard Index	Chemical of Concern	Hazard Index	Percentage of Total Index
Dirt Bike Riders	Dredged Spoil	Dermal Ingestion Inhalation	0.00251	Anthracene	0.00149	59
				DDT	0.00056	22
				Phenanthene	0.00017	7
				Fluoranthene	0.00012	5
					---	---
					0.002	93 Total
Dirt Bike Riders	Hog Run Creek	Dermal Ingestion	0.29	Iron and compounds	0.205	71
				Bis-2-chloroethoxy ethane	0.01350	5
				Dimethylphenol (2,4-)	0.0103	4
				4-(2,2,3,3-Tetramethyl-butyl)phenol	0.00783	3
				Butoxy-ethanol phosphate (2-)	0.00645	2
				Tetraethyl diphosphoric acid	0.00372	1
				Hexadecanoic Acid	0.00331	1
				Dimethylphenol (2,3-)	0.00311	1
				Manganese and compounds (oral)	0.00282	1
				Trichloroethylene	0.00272	1
					---	---
					0.259	89 Total
Outside Contractors BTSTP Site	BTSTP Soil/Waste	Dermal Ingestion Inhalation	207	Dimethylphenol (2,4-)	206	99.5
				Formaldehyde	0.734	0.35
				Phenols (inhal)	0.627	0.30
				Barium and compounds	0.118	0.06
					---	---
					206.7	99.9 Total
Local Residents ifetime)	Domestic Water from Delaware	Ingestion Showering (Dermal + Inhalation)	Adult Male - 0.0123 *	Iron and compounds	0.00776	63
			Adult Female - 0.0147	Benzene (inhal)	0.00092	8
			15 year old - 0.0155	Trichloroethylene (inhal)	0.00072	6
			9 year old - 0.0145	Bis(2-chloroethoxy)ethane	0.00045	4
			4 year old - 0.0238	Dimethylphenol (2,4-)	0.00027	2
				4-(2,2,3,3-Tetramethyl-butyl)phenol	0.00025	2
				Manganese and compounds (oral)	0.00013	1
				Tetraethyl diphosphoric acid	0.00013	1
				Benzene (oral)	0.00013	1
				Trichloroethylene (oral)	0.00012	1
				Dimethylphenol (2,3-)	0.00010	1
				Hexadecanoic Acid	0.0001	1
					---	---
					0.011 *	90 * Total

* The hazard indices and chemical percentages presented are for the adult male only. Other human receptors have the same chemicals of concern with similiar percentages.

Compiled by: BCM Engineers Inc. (BCM Project No. 00-6201-21)

TABLE B (continued)

SUMMARY OF POTENTIAL RISKS TO PUBLIC HEALTH ASSOCIATED WITH CHEMICALS BELIEVED TO HAVE BEEN DISPOSED OF AT THE ROHM AND HAAS BRISTOL LANDFILL

NONCARCINOGENIC HAZARD INDEX

Receptor Population	Exposure Medium	Routes of Exposure	Sum of Exposure Routes Hazard Index	Chemical of Concern	Hazard Index	Percentage of Total Index
Local Fishermen and their families (lifetime)	Delaware River	Dermal Ingestion Inhalation	Adult Male - 0.027 * 9 year old - 0.061	Iron and compounds	0.02	74
				Bis(2-chloroethoxy)ethane	0.00116	4
				4-(2,2,3,3-Tetramethyl-butyl)phenol	0.00067	2
				Dimethylphenol (2,4-)	0.00064	2
				Butoxy-ethanol phosphate (2-)	0.00054	2
				Manganese and compounds (oral)	0.00034	1
				Benzene (oral)	0.00034	1
				Tetraethyl diphosphoric acid	0.00032	1
				Trichloroethylene (oral)	0.00031	1
				Hexadecanoic Acid	0.00028	1
				Dimethylphenol (2,3-)	0.00027	1
					0.025 *	92 * Total
Local Fishermen and their families (lifetime)	Fish		Adult Male - 0.0367 * Adult Female - 0.0443 15 year old - 0.0467 9 year old - 0.0829 4 year old - 0.151	Dimethylphenol (2,4-)	0.0122	33
				di-n-octyl phthalate	0.0122	33
				Iron and compounds	0.00257	7
				Mercury, inorganic (oral)	0.00254	7
				Xylene, meta-	0.00125	3
				Oxybis-benzene (1,1'-)	0.00116	3
				Xylene, mixed	0.00077	2
				Lindane	0.00054	1
				Trichloroethylene (oral)	0.00043	1
					0.0337 *	92 * Total
Swimmers (lifetime)	Delaware River		Adult Male - 0.0171 * Adult Female - 0.0204 15 year old - 0.0215 9 year old - 0.0372 4 year old - 0.0673	Bis(2-chloroethoxy)ethane	0.00246	14
				Dimethylphenol (2,4-)	0.00167	10
				4-(2,2,3,3-Tetramethyl-butyl)phenol	0.00151	9
				Butoxy-ethanol phosphate (2-)	0.00115	7
				Manganese and compounds (oral)	0.00099	6
				Benzene (oral)	0.00091	5
				Trichloroethylene (oral)	0.00090	5
				Tetraethyl diphosphoric Acid	0.00066	4
				Quinone	0.00059	3
				Hexadecanoic Acid	0.00059	3
				Dimethylphenol (2,3-)	0.00055	3
				Cadmium	0.00020	1
				Xylenes, mixed	0.00019	1
				Chlorobenzenamine (2-)	0.00018	1
				Bis(2-chloroisopropyl)ether	0.00017	1
				Cycloheptatriene (1,3,5-)	0.00017	1
				Remaining Tentatively Identified Compounds	0.00314	18
					0.016 *	94 * Total

* The hazard indices and chemical percentages presented are for the adult male only. Other human receptors have the same chemicals of concern with similiar percentages.

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