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SUMMARY OF INTERIM REMEDIAL INVESTIGATIONS JANUARY 1987 THROUGH APRIL 1989 VOLUME 3 OF 3 NAS FORT WORTH TX
7/19/1989
HARGIS ASSOCIATES

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NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
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ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 42

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July 19, 1989

SUMMARY OF INTERIM REMEDIAL INVESTIGATIONS
JANUARY 1987 TO APRIL 1989
U.S. AIR FORCE PLANT NO. 4
FORT WORTH, TEXAS

VOLUME III

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HARGIS+ASSOCIATES, INC.

Consultants in Hydrogeology

Tucson/Phoenix/San Diego

SUMMARY OF INTERIM REMEDIAL INVESTIGATIONS

JANUARY 1987 TO APRIL 1989

U.S. AIR FORCE PLANT NO. 4

FORT WORTH, TEXAS

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TABLE G-1

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-87

COMPOUND (micrograms per liter)	DATE SAMPLED 10/12/87	10/12/87	10/12/87	11/07/87	11/07/87	12/05/87
Acetone	---	---	-20	---	---	---
Acrolein	-10	-10	---	-50	-50	-50
Acrylonitrile	-10	-10	---	-50	-50	-50
Benzene	-1	-1	-10	-5	-5	-5
Bromodichloromethane	-1	-1	-10	-5	-5	-5
Bromoform	-1	-1	-10	-5	-5	-5
Bromomethane	-1	-1	-20	-5	-5	-5
Carbon Disulfide	---	---	-10	---	---	---
Carbon Tetrachloride	-1	-1	-10	-5	-5	-5
Chlorobenzene	-1	-1	-10	-5	-5	-5
Chloroethane	-1	-1	-20	-5	-5	-5
2-Chloroethylvinyl ether	-1	-1	-20	-5	-5	-5
Chloroform	1	1	-2	-5	-5	-5
Chloromethane	-1	-1	-20	-5	-5	-5
Dibromochloromethane	-1	-1	-10	-5	-5	-5
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-1	-1	-10	-5	-5	-5
1,2-Dichloroethane	-1	-1	-10	-5	-5	-5
1,1-Dichloroethylene	3	3	-2	-5	-5	-5
trans-1,2-Dichloroethylene	48	50	54	41	57	45
1,2-Dichloropropane	-1	-1	-10	-5	-5	-5
cis-1,3-Dichloropropylene	-1	-1	-10	-5	-5	-5
trans-1,3-Dichloropropylene	-1	-1	-10	-5	-5	-5
Ethylbenzene	-1	-1	-10	-5	-5	-5
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	-20	---	---	---
Methylene Chloride	-1	-1	-10	-5	-5	-5
Methyl Ethyl Ketone	---	---	-10	---	---	---
Methyl Isobutyl Ketone	---	---	-20	---	---	---
Styrene	---	---	-10	---	---	---
1,1,2,2-Tetrachloroethane	-1	-1	-10	-5	-5	-5
Tetrachloroethylene	-1	-1	-10	-5	-5	-5
1,1,1-Trichloroethane	-1	-1	-10	-5	-5	-5
1,1,2-Trichloroethane	-1	-1	-10	-5	-5	-5
Trichloroethylene	420	470	420	430	440	450
Trichloroflurometh ane	-1	-1	---	-5	-5	-5
Toluene	-1	-1	-10	-5	-5	-5
Vinyl Acetate	---	---	-20	---	---	---
Vinyl Chloride	-1	-1	-20	-5	-5	-5
Total Xylene Isomers	---	---	-10	---	---	---
Quality Assurance Code	ORG	FD	SPLT	FD	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-289-61	10-289-69	71010903	11-231-20	11-231-6	12-168-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-1 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-87

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88	02/06/88	10/06/88	01/08/89	04/10/89
Acetone	---	-50	-50	-50	-50
Acrolein	-50	-50	-50	-50	-100
Acrylonitrile	-50	-50	-50	-50	-100
Benzene	-5	-5	-5	-5	-5
Bromodichloromethane	-5	-5	-5	-5	-5
Bromoform	-5	-5	-5	-5	-5
Bromomethane	-5	-5	-5	-5	-5
Carbon Disulfide	---	-5	-5	-5	-10
Carbon Tetrachloride	-5	-5	-5	-5	-5
Chlorobenzene	-5	-5	-5	-5	-5
Chloroethane	-5	-5	-5	-5	-5
2-Chloroethylvinyl ether	-5	-5	-5	-5	-5
Chloroform	-5	-5	-5	-5	-5
Chloromethane	-5	-5	-5	-5	-10
Dibromochloromethane	-5	-5	-5	-5	-5
1,2-Dichlorobenzene	---	-5	-5	-5	-5
1,3-Dichlorobenzene	---	-5	-5	-5	-5
1,4-Dichlorobenzene	---	-5	-5	-5	-5
1,1-Dichloroethane	-5	-5	-5	-5	-5
1,2-Dichloroethane	-5	-5	-5	-5	-5
1,1-Dichloroethylene	-5	-5	6	-5	10
trans-1,2-Dichloroethylene	51	48	65	50	50
1,2-Dichloropropane	-5	-5	-5	-5	-5
cis-1,3-Dichloropropylene	-5	-5	-5	-5	-5
trans-1,3-Dichloropropylene	-5	-5	-5	-5	-5
Ethylbenzene	-5	-5	-5	-5	-5
Freon 113	---	-5	-5	-5	-5
2-Hexanone	---	-5	-5	-5	-50
Methylene Chloride	-5	-5	-5	-5	-5
Methyl Ethyl Ketone	---	-50	-50	-50	-50
Methyl Isobutyl Ketone	---	-5	-5	-5	-25
Styrene	---	-5	-5	-5	-5
1,1,2,2-Tetrachloroethane	-5	-5	-5	-5	-5
Tetrachloroethylene	-5	-5	-5	-5	-5
1,1,1-Trichloroethane	-5	-5	-5	-5	-5
Trichloroethylene	470	410	590	380	510
Trichloroflurometh ane	-5	-5	-5	-5	-5
Toluene	-5	-5	-5	-5	-5
Vinyl Acetate	---	-50	-50	-50	-25
Vinyl Chloride	-5	-5	-5	-5	-5
Total Xylene Isomers	---	-50	-50	-50	-25
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-171-5	02-207-15	10-136-10	01-104-42	04-157-38

(-) = less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-2

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-88

COMPOUND (micrograms per liter)	DATE SAMPLED 10/08/87	10/08/87	11/07/87	11/07/87	12/04/87	12/04/87
Acetone	---	---	---	-250	---	---
Acrolein	-1000	-1000	-500	---	-250	-500
Acrylonitrile	-1000	-1000	-500	---	-250	-500
Benzene	-100	-100	-50	-25	-25	-50
Bromodichloromethane	-100	-100	-50	-25	-25	-50
Bromoform	-100	-100	-50	-125	-25	-50
Bromomethane	-100	-100	-50	-250	-25	-50
Carbon Disulfide	---	---	---	-25	---	---
Carbon Tetrachloride	-100	-100	-50	-25	-25	-50
Chlorobenzene	-100	-100	-50	-25	-25	-50
Chloroethane	-100	-100	-50	-25	-25	-50
2-Chloroethylvinyl ether	-100	-100	-50	-250	-25	-50
Chloroform	-100	-100	-50	-25	-25	-50
Chloromethane	-100	-100	-50	-250	-25	-50
Dibromochloromethane	-100	-100	-50	-25	-25	-50
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-100	-100	-50	-25	-25	-50
1,2-Dichloroethane	-100	-100	-50	-25	-25	-50
1,1-Dichloroethylene	-100	-100	-50	-25	-25	-50
trans-1,2-Dichloroethylene	180	230	200	150	190	150
1,2-Dichloropropane	-100	-100	-50	-25	-25	-50
cis-1,3-Dichloropropylene	-100	-100	-50	-25	-25	-50
trans-1,3-Dichloropropylene	-100	-100	-50	-25	-25	-50
Ethylbenzene	-100	-100	-50	-25	-25	-50
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	---	-250	---	---
Methylene Chloride	-100	-100	-50	-125	-25	-50
Methyl Ethyl Ketone	---	---	---	-250	---	---
Methyl Isobutyl Ketone	---	---	---	-250	---	---
Styrene	---	---	---	-25	---	---
1,1,2,2-Tetrachloroethane	-100	-100	-50	-25	-25	-50
Tetrachloroethylene	-100	-100	-50	-25	-25	-50
1,1,1-Trichloroethane	-100	-100	-50	-25	-25	-5
Trichloroethylene	4900	6600	5900	5100	5900	5800
Trichloroflurometh ane	-100	-100	-50	---	-25	-50
Toluene	-100	130	-50	-25	-25	-50
Vinyl Acetate	---	---	---	-250	---	---
Vinyl Chloride	-100	-100	-50	-25	-25	-50
Total Xylene Isomers	---	---	---	-25	---	---
Quality Assurance Code	ORG	FD	ORG	SPLT	FD	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-209-12	10-209-16	11-231-7	71106202	12-109-10	12-109-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-2 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-88

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88	01/15/88	02/04/88	02/04/88	10/06/88	01/08/89
Acetone	---	---	-500	-500	-500	-500
Acrolein	-500	-500	-500	-500	-500	-500
Acrylonitrile	-500	-500	-500	-500	-500	-500
Benzene	-50	-50	-50	-50	-50	-50
Bromodichloromethane	-50	-50	-50	-50	-50	-50
Bromoform	-50	-50	-50	-50	-50	-50
Bromomethane	-50	-50	-50	-50	-50	-50
Carbon Disulfide	---	---	-50	-50	-50	-50
Carbon Tetrachloride	-50	-50	-50	-50	-50	-50
Chlorobenzene	-50	-50	-50	-50	-50	-50
Chloroethane	-50	-50	-50	-50	-50	-50
2-Chloroethylvinyl ether	-50	-50	-50	-50	-50	-50
Chloroform	-50	-50	-50	-50	-50	-50
Chloromethane	-50	-50	-50	-50	-50	-50
Dibromochloromethane	-50	-50	-50	-50	-50	-50
1,2-Dichlorobenzene	---	---	-50	-50	-50	-50
1,3-Dichlorobenzene	---	---	-50	-50	-50	-50
1,4-Dichlorobenzene	---	---	-50	-50	-50	-50
1,1-Dichloroethane	-50	-50	-50	-50	-50	-50
1,2-Dichloroethane	-50	-50	-50	-50	-50	-50
1,1-Dichloroethylene	-50	-50	-50	-50	-50	-50
trans-1,2-Dichloroethylene	170	170	160	170	150	150
1,2-Dichloropropane	-50	-50	-50	-50	-50	-50
cis-1,3-Dichloropropylene	-50	-50	-50	-50	-50	-50
trans-1,3-Dichloropropylene	-50	-50	-50	-50	-50	-50
Ethylbenzene	68	-50	-50	-50	-50	-50
Freon 113	---	---	-50	-50	-50	-50
2-Hexanone	---	---	-50	-50	-50	-50
Methylene Chloride	-50	-50	-50	-50	-50	-50
Methyl Ethyl Ketone	---	---	-500	-500	-500	-500
Methyl Isobutyl Ketone	---	---	-50	-50	-50	-50
Styrene	---	---	-50	-50	-50	-50
1,1,2,2-Tetrachloroethane	-50	-50	-50	-50	-50	-50
Tetrachloroethylene	-50	-50	-50	-50	-50	-50
1,1,1-Trichloroethane	-50	-50	-50	-50	-50	-5
Trichloroethylene	5400	6100	6000	6300	4300	3400
Trichloroflurometh ane	-50	-50	-50	-50	-50	-50
Toluene	60	-50	-50	-50	-50	-50
Vinyl Acetate	---	---	-500	-500	-500	-500
Vinyl Chloride	-50	-50	-50	-50	-50	-50
Total Xylene Isomers	---	---	-500	-500	-500	-500
Quality Assurance Code	ORG	ORG	ORG	FD	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-171-6	01-289-1	02-144-1	02-144-2	10-136-9	01-104-43

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Ouplicate; RE1 = Replicate ; SPLT = Split

TABLE G-2 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-88

COMPOUND (micrograms per liter)	DATE SAMPLED 04/10/89
Acetone	-500
Acrolein	-1000
Acrylonitrile	-1000
Benzene	-50
Bromodichloromethane	-50
Bromoform	-50
Bromomethane	-50
Carbon Disulfide	-100
Carbon Tetrachloride	-50
Chlorobenzene	-50
Chloroethane	-50
2-Chloroethylvinyl ether	-50
Chloroform	-50
Chloromethane	-100
Dibromochloromethane	-50
1,2-Dichlorobenzene	-50
1,3-Dichlorobenzene	-50
1,4-Dichlorobenzene	-50
1,1-Dichloroethane	-50
1,2-Dichloroethane	-50
1,1-Dichloroethylene	-50
trans-1,2-Dichloroethylene	150
1,2-Dichloropropane	-50
cis-1,3-Dichloropropylene	-50
trans-1,3-Dichloropropylene	-50
Ethylbenzene	-50
Freon 113	-50
2-Hexanone	-500
Methylene Chloride	-50
Methyl Ethyl Ketone	-500
Methyl Isobutyl Ketone	-250
Styrene	-50
1,1,2,2-Tetrachloroethane	-50
Tetrachloroethylene	-50
1,1,1-Trichloroethane	-50
Trichloroethylene	4000
Trichlorofluromethane	-50
Toluene	-50
Vinyl Acetate	-250
Vinyl Chloride	-50
Total Xylene Isomers	-250
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-157-65

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

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RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-89

COMPOUND (micrograms per liter)	DATE SAMPLED 10/10/87	10/10/87	10/10/87	11/08/87	11/08/87	12/05/87
Acetone	---	---	-250	---	---	---
Acrolein	-50	-10	---	-500	-500	-500
Acrylonitrile	-50	-10	---	-500	-500	-500
Benzene	-5	-1	-125	-50	-50	-50
Bromodichloromethane	-5	-1	-125	-50	-50	-50
Bromoform	-5	-1	-125	-50	-50	-50
Bromomethane	-5	-1	-250	-50	-50	-50
Carbon Disulfide	---	---	-125	---	---	---
Carbon Tetrachloride	-5	-1	-125	-50	-50	-50
Chlorobenzene	-5	4	-125	-50	-50	-50
Chloroethane	-5	-1	-250	-50	-50	-50
2-Chloroethylvinyl ether	-5	-1	-250	-50	-50	-50
Chloroform	-5	1	-125	-50	-50	-50
Chloromethane	-5	-1	-250	-50	-50	-50
Dibromochloromethane	-5	-1	-125	-50	-50	-50
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-5	3	-125	-50	-50	-50
1,2-Dichloroethane	-5	-1	-125	-50	-50	-50
1,1-Dichloroethylene	-5	5	-125	-50	-50	-50
trans-1,2-Dichloroethylene	640	680	750	840	830	630
1,2-Dichloropropane	-5	-1	-125	-50	-50	-50
cis-1,3-Dichloropropylene	-5	-1	-125	-50	-50	-50
trans-1,3-Dichloropropylene	-5	-1	-125	-50	-50	-50
Ethylbenzene	-5	-1	-125	-50	-50	-50
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	-250	---	---	---
Methylene Chloride	-5	-1	-125	-50	-50	-50
Methyl Ethyl Ketone	---	---	-250	---	---	---
Methyl Isobutyl Ketone	---	---	-250	---	---	---
Styrene	---	---	-125	---	---	---
1,1,2,2-Tetrachloroethane	-5	-1	-125	-50	-50	-50
Tetrachloroethylene	-5	-1	-125	-50	-50	-50
1,1,1-Trichloroethane	7	9	-125	-50	-50	-5
Trichloroethylene	5300	5900	5200	6400	6200	4700
Trichlorofluromethane	-5	-1	---	-50	-50	-50
Toluene	-5	1	-125	-50	-50	-50
Vinyl Acetate	---	---	-250	---	---	---
Vinyl Chloride	-5	-1	-250	-50	-50	-50
Total Xylene Isomers	---	---	-125	---	---	---
Quality Assurance Code	ORG	FD	SPLT	FD	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory 10 #	10-289-62	10-289-65	71010904	11-231-21	11-231-8	12-168-11

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-3 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-89

COMPOUND (micrograms per liter)	DATE SAMPLED 12/05/87	01/09/88	02/04/88	10/06/88	01/08/89	04/09/89
Acetone	-400	---	-500	-250	-500	-500
Acrolein	---	-500	-500	-250	-500	-1000
Acrylonitrile	---	-500	-500	-250	-500	-1000
Benzene	-40	-50	-50	-25	-50	-50
Bromodichloromethane	-40	-50	-50	-25	-50	-50
Bromoform	-200	-50	-50	-25	-50	-50
Bromomethane	-400	-50	-50	-25	-50	-50
Carbon Disulfide	-40	---	-50	-25	-50	-100
Carbon Tetrachloride	-40	-50	-50	-25	-50	-50
Chlorobenzene	-40	-50	-50	-25	-50	-50
Chloroethane	-40	-50	-50	-25	-50	-50
2-Chloroethylvinyl ether	-400	-50	-50	-25	-50	-50
Chloroform	-40	-50	-50	-25	-50	-50
Chloromethane	-400	-50	-50	-25	-50	-100
Dibromochloromethane	-40	-50	-50	-25	-50	-50
1,2-Dichlorobenzene	---	---	-50	-25	-50	-50
1,3-Dichlorobenzene	---	---	-50	-25	-50	-50
1,4-Dichlorobenzene	---	---	-50	-25	-50	-50
1,1-Dichloroethane	-40	-50	-50	-25	-50	-50
1,2-Dichloroethane	-40	-50	-50	-25	-50	-50
1,1-Dichloroethylene	-40	-50	-50	-25	-50	-50
trans-1,2-Dichloroethylene	780	670	670	620	400	900
1,2-Dichloropropane	-40	-50	-50	-25	-50	-50
cis-1,3-Dichloropropylene	-40	-50	-50	-25	-50	-50
trans-1,3-Dichloropropylene	-40	-50	-50	-25	-50	-50
Ethylbenzene	-40	-50	-50	-25	-50	-50
Freon 113	---	---	-50	-25	-50	-50
2-Hexanone	-400	---	-50	-25	-50	-500
Methylene Chloride	-200	-50	-50	-25	-50	-50
Methyl Ethyl Ketone	-400	---	-500	-250	-500	-500
Methyl Isobutyl Ketone	-400	---	-50	-25	-50	-250
Styrene	-40	---	-50	-25	-50	-50
1,1,2,2-Tetrachloroethane	-40	-50	-50	-25	-50	-50
Tetrachloroethylene	-40	-50	-50	-25	-50	-50
1,1,1-Trichloroethane	-40	-50	-50	-25	-50	-5
Trichloroethylene	5500	5000	5600	4100	2400	6500
Trichloroflurometh ane	---	-50	-50	-25	-50	-50
Toluene	-40	-50	-50	-25	-50	-50
Vinyl Acetate	-400	---	-500	-250	-500	-250
Vinyl Chloride	-40	-50	-50	-25	-50	-50
Total Xylene Isomers	-40	---	-500	-250	-500	-250
Quality Assurance Code	SPLT	ORG	ORG	ORG	ORG	ORG
Laboratory	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	71207601	01-171-7	02-144-3	10-136-11	01-104-41	04-157-61

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FO = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-4

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-90

COMPOUND (micrograms per liter)	DATE SAMPLED 10/09/87	10/09/87	11/05/87	11/05/87	12/03/87	12/03/87
Acetone	---	---	---	-10	---	---
Acrolein	-10	-10	-10	---	-10	-10
Acrylonitrile	-10	-10	-10	---	-10	-10
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-5	-1	-1
Bromomethane	-1	-1	-1	-10	-1	-1
Carbon Disulfide	---	---	---	-1	---	---
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-10	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-10	-1	-1
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	1	1	-1	1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	15	16	13	12	13	13
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	---	-10	---	---
Methylene Chloride	-1	-1	-1	-5	-1	-1
Methyl Ethyl Ketone	---	---	---	19	---	---
Methyl Isobutyl Ketone	---	---	---	-10	---	---
Styrene	---	---	---	-1	---	---
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	30	34	23	22	28	27
Trichloroflurometh ane	-1	-1	-1	---	-1	-1
Toluene	-1	-1	1	-1	-1	-1
Vinyl Acetate	---	---	---	-10	---	---
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	---	---	---	-1	---	---
Quality Assurance Code	ORG	FD	ORG	SPLT	FD	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-209-13	10-209-17	11-197-3	71104801	12-109-11	12-109-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-4 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-90

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88	02/05/88	02/05/88	10/06/88	01/10/89	04/09/89
Acetone	---	-10	-10	-10	-10	-10
Acrolein	-10	-10	---	-10	-10	-20
Acrylonitrile	-10	-10	---	-10	-10	-20
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-5	-1	-1	-1
Bromomethane	-1	-1	-10	-1	-1	-1
Carbon Disulfide	---	-1	-1	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-10	-1	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-10	-1	-1	-2
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	-1	---	-1	-1	-1
1,3-Dichlorobenzene	---	-1	---	-1	-1	-1
1,4-Dichlorobenzene	---	-1	---	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1	1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	13	12	12	10	7	6
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	-1	---	-1	-1	-1
2-Hexanone	---	-1	-10	-1	-1	-10
Methylene Chloride	-1	-1	-5	-1	-1	-1
Methyl Ethyl Ketone	---	-10	-10	-10	-10	-10
Methyl Isobutyl Ketone	---	-1	-10	-1	-1	-5
Styrene	---	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	29	25	23	23	-1	21
Trichloroflurometh ane	-1	-1	---	-1	-1	-1
Toluene	-1	-1	2	-1	-1	-1
Vinyl Acetate	---	-10	-10	-10	-10	-5
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	---	-10	-1	-10	-10	-5
Quality Assurance Code	ORG	ORG	SPLT	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-171-8	02-144-4	80205602	10-025-6	01-127-16	04-157-32

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-5

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-91

COMPOUND (micrograms per liter)	DATE SAMPLED 10/08/87	11/07/87	11/07/87	12/05/87	12/05/87	01/07/88
Acetone	---	---	---	---	-50	---
Acrolein	-100	-100	-100	-100	---	-100
Acrylonitrile	-100	-100	-100	-100	---	-100
Benzene	-10	-10	-10	-10	-5	-10
Bromodichloromethane	-10	-10	-10	-10	-5	-10
Bromoform	-10	-10	-10	-10	-25	-10
Bromomethane	-10	-10	-10	-10	-50	-10
Carbon Disulfide	---	---	---	---	-5	---
Carbon Tetrachloride	-10	-10	-10	-10	-5	-10
Chlorobenzene	-10	-10	-10	-10	-5	-10
Chloroethane	-10	-10	-10	-10	-5	-10
2-Chloroethylvinyl ether	-10	-10	-10	-10	-50	-10
Chloroform	-10	-10	-10	-10	-5	-10
Chloromethane	-10	-10	-10	-10	-50	-10
Dibromochloromethane	-10	-10	-10	-10	-5	-10
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-10	-10	-10	-10	-5	-10
1,2-Dichloroethane	-10	-10	-10	-10	-5	-10
1,1-Dichloroethylene	-10	-10	-10	-10	-5	-10
trans-1,2-Dichloroethylene	17	18	19	13	15	15
1,2-Dichloropropane	-10	-10	-10	-10	-5	-10
cis-1,3-Dichloropropylene	-10	-10	-10	-10	-5	-10
trans-1,3-Dichloropropylene	-10	-10	-10	-10	-5	-10
Ethylbenzene	-10	-10	-10	-10	-5	-10
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	---	---	-50	---
Methylene Chloride	-10	-10	-10	-10	-25	-10
Methyl Ethyl Ketone	---	---	---	---	-50	---
Methyl Isobutyl Ketone	---	---	---	---	-50	---
Styrene	---	---	---	---	-5	---
1,1,2,2-Tetrachloroethane	-10	-10	-10	-10	-5	-10
Tetrachloroethylene	-10	-10	-10	-10	-5	-10
1,1,1-Trichloroethane	-10	-10	-10	-10	-5	-1
Trichloroethylene	1200	860	970	930	830	990
Trichloroflurometh ane	-10	-10	-10	-10	---	-10
Toluene	-10	-10	-10	-10	-5	-10
Vinyl Acetate	---	---	---	---	-50	---
Vinyl Chloride	-10	-10	-10	-10	-5	-10
Total Xylene Isomers	---	---	---	---	-5	---
Quality Assurance Code	ORG	FD	ORG	ORG	SPLT	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell
Laboratory ID #	10-209-14	11-231-22	11-231-9	12-168-12	71207602	01-116-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-5 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-91

COMPOUND (micrograms per liter)	DATE SAMPLED 02/04/88	10/05/88	01/08/89	04/09/89
Acetone	-100	-100	-100	-100
Acrolein	-100	-100	-100	-200
Acrylonitrile	-100	-100	-100	-200
Benzene	-10	-10	-10	-10
Bromodichloromethane	-10	-10	-10	-10
Bromoform	-10	-10	-10	-10
Bromomethane	-10	-10	-10	-10
Carbon Disulfide	-10	-10	-10	-20
Carbon Tetrachloride	-10	-10	-10	-10
Chlorobenzene	-10	-10	-10	-10
Chloroethane	-10	-10	-10	-10
2-Chloroethylvinyl ether	-10	-10	-10	-10
Chloroform	-10	-10	-10	-10
Chloromethane	-10	-10	-10	-20
Dibromochloromethane	-10	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10	-10
1,1-Dichloroethane	-10	-10	-10	-10
1,2-Dichloroethane	-10	-10	-10	-10
1,1-Dichloroethylene	-10	-10	-10	-10
trans-1,2-Dichloroethylene	14	20	35	30
1,2-Dichloropropane	-10	-10	-10	-10
cis-1,3-Dichloropropylene	-10	-10	-10	-10
trans-1,3-Dichloropropylene	-10	-10	-10	-10
Ethylbenzene	-10	-10	-10	-10
Freon 113	-10	-10	-10	30
2-Hexanone	-10	-10	-10	-100
Methylene Chloride	-10	-10	-10	-10
Methyl Ethyl Ketone	-100	-100	-100	-100
Methyl Isobutyl Ketone	-10	-10	-10	-50
Styrene	-10	-10	-10	-10
1,1,2,2-Tetrachloroethane	-10	-10	-10	-10
Tetrachloroethylene	-10	-10	-10	-10
1,1,1-Trichloroethane	-10	-10	-10	-10
Trichloroethylene	850	700	830	1400
Trichlorofluromethane	-10	-10	-10	-10
Toluene	-10	-10	-10	-10
Vinyl Acetate	-100	-100	-100	-50
Vinyl Chloride	-10	-10	-10	-10
Total Xylene Isomers	-100	-100	-100	-50
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-144-5	10-025-3	01-104-39	04-157-56

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-6

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-92

COMPOUND (micrograms per liter)	DATE SAMPLED 10/10/87	10/10/87	11/05/87	11/05/87	12/03/87	01/10/88
Acetone	---	---	---	-10	---	---
Acrolein	-10	-10	-10	---	-10	-10
Acrylonitrile	-10	-10	-10	---	-10	-10
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-5	-1	-1
Bromomethane	-1	-1	-1	-10	-1	-1
Carbon Disulfide	---	---	---	-1	---	---
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-10	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-10	-1	-1
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	1	1	1	1	1	2
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	11	12	8	9	8	13
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	---	-10	---	---
Methylene Chloride	-1	-1	-1	-5	-1	-1
Methyl Ethyl Ketone	---	---	---	-10	---	---
Methyl Isobutyl Ketone	---	---	---	-10	---	---
Styrene	---	---	---	-1	---	---
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	28	29	19	19	21	34
Trichlorofluromethane	-1	-1	-1	---	-1	-1
Toluene	-1	-1	-1	-1	2	-1
Vinyl Acetate	---	---	---	-10	---	---
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	---	---	---	-1	---	---
Quality Assurance Code	ORG	FD	ORG	SPLT	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-289-63	10-289-72	11-197-4	71104802	12-109-7	01-171-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-6 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-92

COMPOUND (micrograms per liter)	DATE SAMPLED 02/05/88	10/05/88	01/08/89	04/10/89
Acetone	-10	-10	-10	-10
Acrolein	-10	-10	-10	-20
Acrylonitrile	-10	-10	-10	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1
1,1-Dichloroethane	1	3	2	3
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	7	7	9	5
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1
2-Hexanone	-1	-1	-1	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-1	-5
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	16	16	18	15
Trichloroflurometh ane	-1	-1	-1	-1
Toluene	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-10	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-10	-5
Quality Assurance Code	DRG	DRG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-144-6	10-089-22	01-104-40	04-157-64

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; DRG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-7

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-93

COMPOUND (micrograms per liter)	DATE SAMPLED 10/11/87	10/11/87	11/08/87	11/08/87	12/05/87	01/11/88
Acetone	---	-10	---	---	---	---
Acrolein	-10	---	-10	-10	-10	-10
Acrylonitrile	-10	---	-10	-10	-10	-10
Benzene	-1	-5	1	1	-1	3
Bromodichloromethane	1	-5	-1	-1	-1	-1
Bromoform	-1	-5	-1	-1	-1	-1
Bromomethane	-1	-10	-1	-1	-1	-1
Carbon Disulfide	---	-5	---	---	---	---
Carbon Tetrachloride	-1	-5	-1	-1	-1	-1
Chlorobenzene	-1	-5	-1	-1	-1	-1
Chloroethane	-1	-10	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-10	-1	-1	-1	-1
Chloroform	2	-5	-1	1	-1	-1
Chloromethane	-1	-10	-1	-1	-1	-1
Dibromochloromethane	-1	-5	-1	-1	-1	-1
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-1	-5	-1	-1	-1	-1
1,2-Dichloroethane	-1	-5	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-5	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-5	-1	-1	-1	-1
1,2-Dichloropropane	-1	-5	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-5	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-5	-1	-1	-1	-1
Ethylbenzene	-1	-5	50	-1	-1	-1
Freon 113	---	---	---	---	---	---
2-Hexanone	---	-10	---	---	---	---
Methylene Chloride	-1	-5	-1	-1	-1	-1
Methyl Ethyl Ketone	---	15	---	---	---	---
Methyl Isobutyl Ketone	---	-10	---	---	---	---
Styrene	---	-5	---	---	---	---
1,1,2,2-Tetrachloroethane	-1	-5	-1	-1	-1	-1
Tetrachloroethylene	-1	-5	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-5	-1	-1	-1	-
Trichloroethylene	-1	43	-1	-1	-1	-1
Trichlorofluromethane	-1	---	-1	-1	-1	-1
Toluene	2	-5	-1	-1	2	-1
Vinyl Acetate	---	-10	---	---	---	---
Vinyl Chloride	-1	-10	-1	-1	-1	-1
Total Xylene Isomers	---	-5	---	---	---	---
Quality Assurance Code	ORG	SPLT	ORG	FD	ORG	ORG
Laboratory	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-289-64	71010905	11-231-10	11-231-23	12-168-13	01-171-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE G-7 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-93

COMPOUND (micrograms per liter)	DATE SAMPLED 02/08/88	10/12/88	01/08/89	04/08/89
Acetone	-10	-10	-10	-10
Acrolein	-10	-10	-10	-20
Acrylonitrile	-10	-10	-10	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1
2-Hexanone	-1	-1	-1	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-1	-5
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	-1	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1	-1
Toluene	2	-1	-1	-1
Vinyl Acetate	-10	-10	-10	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-10	-5
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-207-16	10-217-20	01-104-76	04-157-22

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-8

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-94

COMPOUND (micrograms per liter)	DATE SAMPLED 11/07/87	12/05/87	12/05/87	01/07/88	02/04/88	11/11/88
Acetone	---	---	-1250	---	-1000	-2000
Acrolein	-250	-1000	---	-1000	-1000	-2000
Acrylonitrile	-250	-1000	---	-1000	-1000	-2000
Benzene	-25	-100	-125	-100	-100	-200
Bromodichloromethane	-25	-100	-125	-100	-100	-200
Bromoform	-25	-100	-625	-100	-100	-200
Bromomethane	-25	-100	-1250	-100	-100	-200
Carbon Disulfide	---	---	-125	---	-100	-200
Carbon Tetrachloride	-25	-100	-125	-100	-100	-200
Chlorobenzene	-25	-100	-125	-100	-100	-200
Chloroethane	-25	-100	-125	-100	-100	-200
2-Chloroethylvinyl ether	-25	-100	-1250	-100	-100	-200
Chloroform	-25	-100	-125	-100	-100	-200
Chloromethane	-25	-100	-1250	-100	-100	-200
Dibromochloromethane	-25	-100	-125	-100	-100	-200
1,2-Dichlorobenzene	---	---	---	---	-100	-200
1,3-Dichlorobenzene	---	---	---	---	-100	-200
1,4-Dichlorobenzene	---	---	---	---	-100	-200
1,1-Dichloroethane	-25	-100	-125	-100	-100	-200
1,2-Dichloroethane	-25	-100	-125	-100	-100	-200
1,1-Dichloroethylene	-25	-100	-125	-100	-100	-200
trans-1,2-Dichloroethylene	4300	5000	5800	4800	5700	6000
1,2-Dichloropropane	-25	-100	-125	-100	-100	-200
cis-1,3-Dichloropropylene	-25	-100	-125	-100	-100	-200
trans-1,3-Dichloropropylene	-25	-100	-125	-100	-100	-200
Ethylbenzene	-25	-100	-125	-100	-100	-200
Freon 113	---	---	---	---	-100	-200
2-Hexanone	---	---	-1250	---	-100	-200
Methylene Chloride	-25	-100	-625	-100	-100	-200
Methyl Ethyl Ketone	---	---	-1250	---	-1000	-2000
Methyl Isobutyl Ketone	---	---	-1250	---	-100	-200
Styrene	---	---	-125	---	-100	-200
1,1,2,2-Tetrachloroethane	-25	-100	-125	-100	-100	-200
Tetrachloroethylene	-25	-100	-125	-100	-100	-200
1,1,1-Trichloroethane	-25	-100	-125	-100	-100	-20
Trichloroethylene	17000	21000	22000	19000	32000	26000
Trichlorofluromethane	-25	-100	---	-100	-100	-200
Toluene	-25	-100	-125	-100	-100	-200
Vinyl Acetate	---	---	-1250	---	-1000	-2000
Vinyl Chloride	-25	-100	-125	-100	-100	-200
Total Xylene Isomers	---	---	-125	---	-1000	-2000
Quality Assurance Code	ORG	ORG	SPLT	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-231-11	12-168-14	71207603	01-116-2	02-144-7	11-182-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

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TABLE G-8 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-94

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/89	04/09/89
Acetone	-1000	-2000
Acrolein	-1000	-4000
Acrylonitrile	-1000	-4000
Benzene	-100	-200
Bromodichloromethane	-100	-200
Bromoform	-100	-200
Bromomethane	-100	-200
Carbon Disulfide	-100	-400
Carbon Tetrachloride	-100	-200
Chlorobenzene	-100	-200
Chloroethane	-100	-200
2-Chloroethylvinyl ether	-100	-200
Chloroform	-100	-200
Chloromethane	-100	-400
Dibromochloromethane	-100	-200
1,2-Dichlorobenzene	-100	-200
1,3-Dichlorobenzene	-100	-200
1,4-Dichlorobenzene	-100	-200
1,1-Dichloroethane	-100	-200
1,2-Dichloroethane	-100	-200
1,1-Dichloroethylene	-100	-200
trans-1,2-Dichloroethylene	6100	6700
1,2-Dichloropropane	-100	-200
cis-1,3-Dichloropropylene	-100	-200
trans-1,3-Dichloropropylene	-100	-200
Ethylbenzene	-100	-200
Freon 113	-100	-200
2-Hexanone	-100	-2000
Methylene Chloride	-100	-200
Methyl Ethyl Ketone	-1000	-2000
Methyl Isobutyl Ketone	-100	-1000
Styrene	-100	-200
1,1,2,2-Tetrachloroethane	-100	-200
Tetrachloroethylene	-100	-200
1,1,1-Trichloroethane	-100	-200
Trichloroethylene	24000	25000
Trichloroflurometh ane	-100	-200
Toluene	-100	-200
Vinyl Acetate	-1000	-1000
Vinyl Chloride	-100	-200
Total Xylene Isomers	-1000	-1000
Quality Assurance Code	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-127-17	04-157-57

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-9

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-95

COMPOUND (micrograms per liter)	DATE SAMPLED 11/07/87	12/03/87	12/03/87	01/09/88	02/06/88	08/17/88
Acetone	---	---	---	---	-500	-500
Acrolein	-250	-500	-500	-500	-500	-500
Acrylonitrile	-250	-500	-500	-500	-500	-500
Benzene	-25	-50	-50	-50	-50	-50
Bromodichloromethane	-25	-50	-50	-50	-50	-50
Bromoform	-25	-50	-50	-50	-50	-50
Bromomethane	-25	-50	-50	-50	-50	-50
Carbon Disulfide	---	---	---	---	-50	-50
Carbon Tetrachloride	-25	-50	-50	-50	-50	-50
Chlorobenzene	-25	-50	-50	-50	-50	-50
Chloroethane	-25	-50	-50	-50	-50	-50
2-Chloroethylvinyl ether	-25	-50	-50	-50	-50	-50
Chloroform	-25	-50	-50	-50	-50	-50
Chloromethane	-25	-50	-50	-50	-50	-50
Dibromochloromethane	-25	-50	-50	-50	-50	-50
1,2-Dichlorobenzene	---	---	---	---	-50	-50
1,3-Dichlorobenzene	---	---	---	---	-50	-50
1,4-Dichlorobenzene	---	---	---	---	-50	-50
1,1-Dichloroethane	-25	-50	-50	-50	-50	-50
1,2-Dichloroethane	-25	-50	-50	-50	-50	-50
1,1-Dichloroethylene	-25	-50	-50	-50	-50	-50
trans-1,2-Dichloroethylene	120	130	130	130	110	180
1,2-Dichloropropane	-25	-50	-50	-50	-50	-50
cis-1,3-Dichloropropylene	-25	-50	-50	-50	-50	-50
trans-1,3-Dichloropropylene	-25	-50	-50	-50	-50	-50
Ethylbenzene	-25	-50	-50	-50	-50	-50
Freon 113	---	---	---	---	-50	-50
2-Hexanone	---	---	---	---	-50	-50
Methylene Chloride	-25	-50	-50	-50	-50	-50
Methyl Ethyl Ketone	---	---	---	---	-500	-500
Methyl Isobutyl Ketone	---	---	---	---	-50	-50
Styrene	---	---	---	---	-50	-50
1,1,2,2-Tetrachloroethane	-25	-50	-50	-50	-50	-50
Tetrachloroethylene	-25	-50	-50	-50	-50	-50
1,1,1-Trichloroethane	-25	-50	-50	-50	-50	-5
Trichloroethylene	4200	5000	5700	5300	3700	4100
Trichloroflurometh ane	-25	-50	-50	-50	-50	-50
Toluene	-25	-50	-50	-50	-50	-50
Vinyl Acetate	---	---	---	---	-500	-500
Vinyl Chloride	-25	-50	-50	-50	-50	-50
Total Xylene Isomers	---	---	---	---	-500	-500
Quality Assurance Code	ORG	FD	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-316-1	12-109-1	12-109-6	01-171-11	02-207-17	08-368-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-9 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-95

COMPOUND (micrograms per liter)	DATE SAMPLED 10/04/88	01/05/89	04/10/89
Acetone	-500	-500	-500
Acrolein	-500	-500	-1000
Acrylonitrile	-500	-500	-1000
Benzene	-50	-50	-50
Bromodichloromethane	-50	-50	-50
Bromoform	-50	-50	-50
Bromomethane	-50	-50	-50
Carbon Disulfide	-50	-50	-100
Carbon Tetrachloride	-50	-50	-50
Chlorobenzene	-50	-50	-50
Chloroethane	-50	-50	-50
2-Chloroethylvinyl ether	-50	-50	-50
Chloroform	-50	-50	-50
Chloromethane	-50	-50	-100
Dibromochloromethane	-50	-50	-50
1,2-Dichlorobenzene	-50	-50	-50
1,3-Dichlorobenzene	-50	-50	-50
1,4-Dichlorobenzene	-50	-50	-50
1,1-Dichloroethane	-50	-50	-50
1,2-Dichloroethane	-50	-50	-50
1,1-Dichloroethylene	-50	-50	-50
trans-1,2-Dichloroethylene	280	300	200
1,2-Dichloropropane	-50	-50	-50
cis-1,3-Dichloropropylene	-50	-50	-50
trans-1,3-Dichloropropylene	-50	-50	-50
Ethylbenzene	-50	-50	-50
Freon 113	-50	-50	-50
2-Hexanone	-50	-50	-500
Methylene Chloride	-50	-50	-50
Methyl Ethyl Ketone	-500	-500	-500
Methyl Isobutyl Ketone	-50	-50	-250
Styrene	-50	-50	-50
1,1,2,2-Tetrachloroethane	-50	-50	-50
Tetrachloroethylene	-50	-50	-50
1,1,1-Trichloroethane	-50	-50	-50
Trichloroethylene	6800	6200	6000
Trichloroflurometh ane	-50	-50	-50
Toluene	-50	-50	-50
Vinyl Acetate	-500	-500	-250
Vinyl Chloride	-50	-50	-50
Total Xylene Isomers	-500	-500	-250
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-089-12	01-073-7	04-230-16

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-10

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-96

COMPOUND (micrograms per liter)	DATE SAMPLED 11/05/87	12/03/87	12/03/87	01/09/88	02/06/88	08/17/88
Acetone	---	---	-100	---	-200	-100
Acrolein	-100	-100	---	-200	-200	-100
Acrylonitrile	-100	-100	---	-200	-200	-100
Benzene	-10	-10	-10	-20	-20	-10
Bromodichloromethane	-10	-10	-10	-20	-20	-10
Bromoform	-10	-10	-50	-20	-20	-10
Bromomethane	-10	-10	-100	-20	-20	-10
Carbon Disulfide	---	---	-10	---	-20	-10
Carbon Tetrachloride	-10	-10	-10	-20	-20	-10
Chlorobenzene	-10	-10	-10	-20	-20	-10
Chloroethane	-10	-10	-10	-20	-20	-10
2-Chloroethylvinyl ether	-10	-10	-100	-20	-20	-10
Chloroform	-10	-10	-10	-20	-20	-10
Chloromethane	-10	-10	-100	-20	-20	-10
Dibromochloromethane	-10	-10	-10	-20	-20	-10
1,2-Dichlorobenzene	---	---	---	---	-20	-10
1,3-Dichlorobenzene	---	---	---	---	-20	-10
1,4-Dichlorobenzene	---	---	---	---	-20	-10
1,1-Dichloroethane	-10	-10	-10	-20	-20	-10
1,2-Dichloroethane	-10	-10	-10	-20	-20	-10
1,1-Dichloroethylene	-10	-10	-10	-20	-20	-10
trans-1,2-Dichloroethylene	37	30	21	26	26	32
1,2-Dichloropropane	-10	-10	-10	-20	-20	-10
cis-1,3-Dichloropropylene	-10	-10	-10	-20	-20	-10
trans-1,3-Dichloropropylene	-10	-10	-10	-20	-20	-10
Ethylbenzene	-10	-10	-10	-20	-20	-10
Freon 113	---	---	---	---	-20	-10
2-Hexanone	---	---	-100	---	-20	-10
Methylene Chloride	-10	-10	-50	-20	-20	-10
Methyl Ethyl Ketone	---	---	-100	---	-200	-100
Methyl Isobutyl Ketone	---	---	-100	---	-20	-10
Styrene	---	---	-10	---	-20	-10
1,1,2,2-Tetrachloroethane	-10	-10	-10	-20	-20	-10
Tetrachloroethylene	-10	-10	-10	-20	-20	-10
1,1,1-Trichloroethane	-10	-10	-10	-20	-20	-1
Trichloroethylene	1800	1900	1400	1800	1700	1500
Trichlorofluromethane	-10	-10	---	-20	-20	-10
Toluene	-10	-10	-10	-20	-20	-10
Vinyl Acetate	---	---	-100	---	-200	-100
Vinyl Chloride	-10	-10	-10	-20	-20	-10
Total Xylene Isomers	---	---	-10	---	-200	-100
Quality Assurance Code	ORG	ORG	SPLT	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-196-1	12-109-8	71205701	01-171-12	02-207-18	08-368-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-10 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-96

COMPOUND (micrograms per liter)	DATE SAMPLED 10/04/88	01/05/89	04/10/89
Acetone	-100	-100	-100
Acrolein	-100	-100	-200
Acrylonitrile	-100	-100	-200
Benzene	-10	-10	-10
Bromodichloromethane	-10	-10	-10
Bromoform	-10	-10	-10
Bromomethane	-10	-10	-10
Carbon Disulfide	-10	-10	-20
Carbon Tetrachloride	-10	-10	-10
Chlorobenzene	-10	-10	-10
Chloroethane	-10	-10	-10
2-Chloroethylvinyl ether	-10	-10	-10
Chloroform	-10	-10	-10
Chloromethane	-10	-10	-20
Dibromochloromethane	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
1,1-Dichloroethane	-10	-10	-10
1,2-Dichloroethane	-10	-10	-10
1,1-Dichloroethylene	-10	-10	-10
trans-1,2-Dichloroethylene	40	20	35
1,2-Dichloropropane	-10	-10	-10
cis-1,3-Dichloropropylene	-10	-10	-10
trans-1,3-Dichloropropylene	-10	-10	-10
Ethylbenzene	-10	-10	-10
Freon 113	-10	-10	-10
2-Hexanone	-10	-10	-100
Methylene Chloride	-10	-10	-10
Methyl Ethyl Ketone	-100	-100	-100
Methyl Isobutyl Ketone	-10	-10	-50
Styrene	-10	-10	-10
1,1,2,2-Tetrachloroethane	-10	-10	-10
Tetrachloroethylene	-10	-10	-10
1,1,1-Trichloroethane	-10	-10	-10
Trichloroethylene	1900	1400	1700
Trichloroflurometh ane	-10	-10	-10
Toluene	-10	-10	-10
Vinyl Acetate	-100	-100	-50
Vinyl Chloride	-10	-10	-10
Total Xylene Isomers	-100	-100	-50
Quality Assurance Code	ORG	DRG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-089-10	01-073-4	04-157-66

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-11

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-97

COMPOUND (micrograms per liter)	DATE SAMPLED 11/05/87	12/03/87	12/03/87	01/08/88	01/09/88	02/05/88
Acetone	---	---	-20	---	---	-50
Acrolein	-50	-50	---	-50	-50	-50
Acrylonitrile	-50	-50	---	-50	-50	-50
Benzene	-5	-5	-2	-5	-5	-5
Bromodichloromethane	-5	-5	-2	-5	-5	-5
Bromoform	-5	-5	-10	-5	-5	-5
Bromomethane	-5	-5	-20	-5	-5	-5
Carbon Disulfide	---	---	-2	---	---	-5
Carbon Tetrachloride	-5	-5	-2	-5	-5	-5
Chlorobenzene	-5	-5	-2	-5	-5	-5
Chloroethane	-5	-5	-2	-5	-5	-5
2-Chloroethylvinyl ether	-5	-5	-20	-5	-5	-5
Chloroform	-5	-5	-2	-5	-5	-5
Chloromethane	-5	-5	-20	-5	-5	-5
Dibromochloromethane	-5	-5	-2	-5	-5	-5
1,2-Dichlorobenzene	---	---	---	---	---	-5
1,3-Dichlorobenzene	---	---	---	---	---	-5
1,4-Dichlorobenzene	---	---	---	---	---	-5
1,1-Dichloroethane	-5	-5	-2	-5	-5	-5
1,2-Dichloroethane	-5	-5	-2	-5	-5	-5
1,1-Dichloroethylene	-5	-5	-2	-5	-5	-5
trans-1,2-Dichloroethylene	7	-5	5	-5	-5	-5
1,2-Dichloropropane	-5	-5	-2	-5	-5	-5
cis-1,3-Dichloropropylene	-5	-5	-2	-5	-5	-5
trans-1,3-Dichloropropylene	-5	-5	-2	-5	-5	-5
Ethylbenzene	-5	-5	-2	-5	-5	-5
Freon 113	---	---	---	---	---	-5
2-Hexanone	---	---	-20	---	---	-5
Methylene Chloride	-5	-5	-10	-5	-5	-5
Methyl Ethyl Ketone	---	---	-20	---	---	-50
Methyl Isobutyl Ketone	---	---	-20	---	---	-5
Styrene	---	---	-2	---	---	-5
1,1,2,2-Tetrachloroethane	-5	-5	-2	-5	-5	-5
Tetrachloroethylene	-5	-5	3	-5	-5	-5
1,1,1-Trichloroethane	-5	-5	-2	-5	-5	-
Trichloroethylene	400	460	360	310	410	330
Trichlorofluromethane	-5	-5	---	-5	-5	-5
Toluene	-5	-5	-2	-5	-5	-5
Vinyl Acetate	---	---	-20	---	---	-50
Vinyl Chloride	-5	-5	-2	-5	-5	-5
Total Xylene Isomers	---	---	-2	---	---	-50
Quality Assurance Code	ORG	ORG	SPLT	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-196-2	12-109-9	71205702	01-152-5	01-171-13	02-144-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-11 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-97

COMPOUND (micrograms per liter)	DATE SAMPLED 08/17/88	10/04/88	01/05/89	04/07/89
Acetone	-10	-10	-10	-10
Acrolein	-10	-10	-10	-20
Acrylonitrile	-10	-10	-10	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	4	-1	-1
trans-1,2-Dichloroethylene	2	-1	1	5
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1
2-Hexanone	-1	-1	-1	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-1	-5
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	1	2	-1	2
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	180	190	99	150
Trichloroflurometh ane	-1	-1	-1	-1
Toluene	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-10	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-10	-5
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	08-368-4	10-089-9	01-073-2	04-157-41

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-12

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-98

COMPOUND (micrograms per liter)	DATE SAMPLED 03/28/88	08/17/88	09/10/88	10/04/88	10/04/88	10/04/88
Acetone	-10	-10	-10	-10	-10	-10
Acrolein	-10	-10	-10	-10	-10	---
Acrylonitrile	-10	-10	-10	-10	-10	---
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1	-1	-5
Bromomethane	-1	-1	-1	-1	-1	-10
Carbon Disulfide	-1	-1	-1	-1	-1	-1
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1	-1	-10
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-1	-1	-10
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1	-1	---
1,3-Dichlorobenzene	-1	-1	-1	-1	-1	---
1,4-Dichlorobenzene	-1	-1	-1	-1	-1	---
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1	-1	---
2-Hexanone	-1	-1	-1	-1	-1	-10
Methylene Chloride	-1	-1	-1	-1	-1	-5
Methyl Ethyl Ketone	-10	-10	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-1	-1	-1	-10
Styrene	-1	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	-1	-1	-1	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1	-1	-1	---
Toluene	1	-1	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-10	-10	-10	-10
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-10	-10	-10	-1
Quality Assurance Code	ORG	ORG	ORG	ORG	FD	SPLT
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.
Laboratory ID #	03-599-1	08-368-5	09-232-1	10-089-1	10-089-8	81004701

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-12 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-98

COMPOUND (micrograms per liter)	DATE SAMPLED 11/11/88	01/05/89	04/07/89
Acetone	-10	-10	-10
Acrolein	-10	-10	-20
Acrylonitrile	-10	-10	-20
Benzene	-1	-1	-1
Bromodichloromethane	-1	-1	-1
Bromoform	-1	-1	-1
Bromomethane	-1	-1	-1
Carbon Disulfide	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1
Chlorobenzene	-1	-1	-1
Chloroethane	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1
Chloroform	-1	-1	-1
Chloromethane	-1	-1	-2
Dibromochloromethane	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1
Ethylbenzene	-1	-1	-1
Freon 113	-1	-1	-1
2-Hexanone	-1	-1	-10
Methylene Chloride	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-5
Styrene	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1
Tetrachloroethylene	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1
Trichloroethylene	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1
Toluene	-1	-1	-1
Vinyl Acetate	-10	-10	-5
Vinyl Chloride	-1	-1	-1
Total Xylene Isomers	-10	-10	-5
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-182-1	01-073-1	04-137-17

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-13

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-99

COMPOUND (micrograms per liter)	DATE SAMPLED 03/28/88	08/17/88	09/09/88	09/09/88	10/04/88	11/11/88
Acetone	-200	-50	-50	-50	-50	-50
Acrolein	-200	-50	-50	---	-50	-50
Acrylonitrile	-200	-50	-50	---	-50	-50
Benzene	-20	-5	-5	-5	-5	-5
Bromodichloromethane	-20	-5	-5	-5	-5	-5
Bromoform	-20	-5	-5	-25	-5	-5
Bromomethane	-20	-5	-5	-50	-5	-5
Carbon Disulfide	-20	-5	-5	-5	-5	-5
Carbon Tetrachloride	-20	-5	-5	-5	-5	-5
Chlorobenzene	-20	-5	-5	-5	-5	-5
Chloroethane	-20	-5	-5	-5	-5	-5
2-Chloroethylvinyl ether	-20	-5	-5	-50	-5	-5
Chloroform	-20	-5	-5	---	-5	-5
Chloromethane	-20	-5	-5	-50	-5	-5
Dibromochloromethane	-20	-5	-5	-5	-5	-5
1,2-Dichlorobenzene	-20	-5	-5	---	-5	-5
1,3-Dichlorobenzene	-20	-5	-5	---	-5	-5
1,4-Dichlorobenzene	-20	-5	-5	---	-5	-5
1,1-Dichloroethane	-20	-5	-5	-5	-5	-5
1,2-Dichloroethane	-20	-5	-5	-5	-5	-5
1,1-Dichloroethylene	-20	-5	-5	-5	-5	-5
trans-1,2-Dichloroethylene	240	190	160	120	200	130
1,2-Dichloropropane	-20	-5	-5	-5	-5	-5
cis-1,3-Dichloropropylene	-20	-5	-5	-5	-5	-5
trans-1,3-Dichloropropylene	-20	-5	-5	-5	-5	-5
Ethylbenzene	-20	-5	-5	-5	-5	-5
Freon 113	-20	-5	-5	---	-5	-5
2-Hexanone	-20	-5	-5	-50	-5	-5
Methylene Chloride	-20	-5	-5	-25	-5	-5
Methyl Ethyl Ketone	-200	-50	-50	-50	-50	-50
Methyl Isobutyl Ketone	-20	-5	-5	-50	-5	-5
Styrene	-20	-5	-5	-5	-5	-5
1,1,2,2-Tetrachloroethane	-20	-5	-5	-5	-5	-5
Tetrachloroethylene	-20	-5	-5	-5	-5	-5
1,1,1-Trichloroethane	-20	-5	-5	-5	-5	-
Trichloroethylene	1100	750	710	620	620	680
Trichloroflurometh ane	-20	-5	6	---	-5	-5
Toluene	-20	-5	-5	-5	-5	-5
Vinyl Acetate	-200	-50	-50	-50	-50	-50
Vinyl Chloride	-20	-5	-5	-5	-5	-5
Total Xylene Isomers	-200	-50	-50	-5	-50	-50
Quality Assurance Code	ORG	ORG	ORG	SPLT	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	03-599-2	08-368-6	09-232-2	80910901	10-089-2	11-182-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-13 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-99

COMPOUND (micrograms per liter)	DATE SAMPLED 01/05/89	04/10/89
Acetone	-50	-50
Acrolein	-50	-100
Acrylonitrile	-50	-100
Benzene	-5	-5
Bromodichloromethane	-5	-5
Bromoform	-5	-5
Bromomethane	-5	-5
Carbon Disulfide	-5	-10
Carbon Tetrachloride	-5	-5
Chlorobenzene	-5	-5
Chloroethane	-5	-5
2-Chloroethylvinyl ether	-5	-5
Chloroform	-5	-5
Chloromethane	-5	-10
Dibromochloromethane	-5	-5
1,2-Dichlorobenzene	-5	-5
1,3-Dichlorobenzene	-5	-5
1,4-Dichlorobenzene	-5	-5
1,1-Dichloroethane	-5	-5
1,2-Dichloroethane	-5	-5
1,1-Dichloroethylene	-5	-5
trans-1,2-Dichloroethylene	90	140
1,2-Dichloropropane	-5	-5
cis-1,3-Dichloropropylene	-5	-5
trans-1,3-Dichloropropylene	-5	-5
Ethylbenzene	-5	-5
Freon 113	-5	-5
2-Hexanone	-5	-50
Methylene Chloride	-5	-5
Methyl Ethyl Ketone	-50	-50
Methyl Isobutyl Ketone	-5	-25
Styrene	-5	-5
1,1,2,2-Tetrachloroethane	-5	-5
Tetrachloroethylene	-5	-5
1,1,1-Trichloroethane	-5	-5
Trichloroethylene	380	680
Trichloroflurometh ane	-5	-5
Toluene	-5	-5
Vinyl Acetate	-50	-25
Vinyl Chloride	-5	-5
Total Xylene Isomers	-50	-25
Quality Assurance Code	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-073-5	04-230-15

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE G-14

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-110

COMPOUND (micrograms per liter)	DATE SAMPLED 03/28/88	08/16/88	08/16/88	09/09/88	10/04/88	11/11/88
Acetone	-200	-200	-100	-100	-100	-100
Acrolein	-200	-200	-100	-100	-100	-100
Acrylonitrile	-200	-200	-100	-100	-100	-100
Benzene	-20	-20	-10	-10	-10	-10
Bromodichloromethane	-20	-20	-10	-10	-10	-10
Bromoform	-20	-20	-10	-10	-10	-10
Bromomethane	-20	-20	-10	-10	-10	-10
Carbon Disulfide	-20	-20	-10	-10	-10	-10
Carbon Tetrachloride	-20	-20	-10	-10	-10	-10
Chlorobenzene	-20	-20	-10	-10	-10	-10
Chloroethane	-20	-20	-10	-10	-10	-10
2-Chloroethylvinyl ether	-20	-20	-10	-10	-10	-10
Chloroform	-20	-20	-10	-10	-10	-10
Chloromethane	-20	-20	-10	-10	-10	-10
Dibromochloromethane	-20	-20	-10	-10	-10	-10
1,2-Dichlorobenzene	-20	-20	-10	-10	-10	-10
1,3-Dichlorobenzene	-20	-20	-10	-10	-10	-10
1,4-Dichlorobenzene	-20	-20	-10	-10	-10	-10
1,1-Dichloroethane	-20	-20	-10	-10	-10	-10
1,2-Dichloroethane	-20	-20	-10	-10	-10	-10
1,1-Dichloroethylene	-20	-20	-10	-10	-10	-10
trans-1,2-Dichloroethylene	150	210	180	220	250	230
1,2-Dichloropropane	-20	-20	-10	-10	-10	-10
cis-1,3-Dichloropropylene	-20	-20	-10	-10	-10	-10
trans-1,3-Dichloropropylene	-20	-20	-10	-10	-10	-10
Ethylbenzene	-20	-20	-10	-10	-10	-10
Freon 113	-20	-20	-10	-10	-10	-10
2-Hexanone	-20	-20	-10	-10	-10	-10
Methylene Chloride	-20	-20	-10	-10	-10	-10
Methyl Ethyl Ketone	-200	-200	-100	-100	-100	-100
Methyl Isobutyl Ketone	-20	-20	-10	-10	-10	-10
Styrene	-20	-20	-10	-10	-10	-10
1,1,2,2-Tetrachloroethane	-20	-20	-10	-10	-10	-10
Tetrachloroethylene	-20	-20	-10	-10	-10	-10
1,1,1-Trichloroethane	-20	-20	-10	-10	-10	-1
Trichloroethylene	860	1200	1200	1400	1000	1600
Trichloroflurometh ane	-20	-20	-10	-10	-10	-10
Toluene	-20	-20	-10	-10	-10	-10
Vinyl Acetate	-200	-200	-100	-100	-100	-100
Vinyl Chloride	-20	-20	-10	-10	-10	-10
Total Xylene Isomers	-200	-200	-100	-100	-100	-100
Quality Assurance Code	ORG	ORG	FD	DRG	ORG	FD
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	03-599-3	08-368-7	08-368-8	09-200-1	10-089-6	11-182-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-14 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-110

COMPOUND (micrograms per liter)	DATE SAMPLED 11/11/88	01/05/89	04/10/89
Acetone	-100	-100	-100
Acrolein	-100	-100	-200
Acrylonitrile	-100	-100	-200
Benzene	-10	-10	-10
Bromodichloromethane	-10	-10	-10
Bromoform	-10	-10	-10
Bromomethane	-10	-10	-10
Carbon Disulfide	-10	-10	-20
Carbon Tetrachloride	-10	-10	-10
Chlorobenzene	-10	-10	-10
Chloroethane	-10	-10	-10
2-Chloroethylvinyl ether	-10	-10	-10
Chloroform	-10	-10	-10
Chloromethane	-10	-10	-20
Dibromochloromethane	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
1,1-Dichloroethane	-10	-10	-10
1,2-Dichloroethane	-10	-10	-10
1,1-Dichloroethylene	-10	-10	-10
trans-1,2-Dichloroethylene	200	120	40
1,2-Dichloropropane	-10	-10	-10
cis-1,3-Dichloropropylene	-10	-10	-10
trans-1,3-Dichloropropylene	-10	-10	-10
Ethylbenzene	-10	-10	-10
Freon 113	-10	-10	-10
2-Hexanone	-10	-10	-100
Methylene Chloride	-10	-10	-10
Methyl Ethyl Ketone	-100	-100	-100
Methyl Isobutyl Ketone	-10	-10	-50
Styrene	-10	-10	-10
1,1,2,2-Tetrachloroethane	-10	-10	-10
Tetrachloroethylene	-10	-10	-10
1,1,1-Trichloroethane	-10	-10	-10
Trichloroethylene	1200	750	340
Trichloroflurometh ane	-10	-10	-10
Toluene	-10	-10	-10
Vinyl Acetate	-100	-100	-50
Vinyl Chloride	-10	-10	-10
Total Xylene Isomers	-100	-100	-50
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-182-7	01-073-11	04-230-18

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE G-15

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-111

COMPOUND (micrograms per liter)	DATE SAMPLED 03/28/88	08/16/88	09/09/88	10/04/88	11/11/88	01/05/89
Acetone	-200	-100	-100	-100	-100	-100
Acrolein	-200	-100	-100	-100	-100	-100
Acrylonitrile	-200	-100	-100	-100	-100	-100
Benzene	-20	-10	-10	-10	-10	-10
Bromodichloromethane	-20	-10	-10	-10	-10	-10
Bromoform	-20	-10	-10	-10	-10	-10
Bromomethane	-20	-10	-10	-10	-10	-10
Carbon Disulfide	-20	-10	-10	-10	-10	-10
Carbon Tetrachloride	-20	-10	-10	-10	-10	-10
Chlorobenzene	-20	-10	-10	-10	-10	-10
Chloroethane	-20	-10	-10	-10	-10	-10
2-Chloroethylvinyl ether	-20	-10	-10	-10	-10	-10
Chloroform	-20	-10	-10	-10	-10	-10
Chloromethane	-20	-10	-10	-10	-10	-10
Dibromochloromethane	-20	-10	-10	-10	-10	-10
1,2-Dichlorobenzene	-20	-10	-10	-10	-10	-10
1,3-Dichlorobenzene	-20	-10	-10	-10	-10	-10
1,4-Dichlorobenzene	-20	-10	-10	-10	-10	-10
1,1-Dichloroethane	-20	-10	-10	-10	-10	-10
1,2-Dichloroethane	-20	-10	-10	-10	-10	-10
1,1-Dichloroethylene	-20	-10	-10	-10	-10	-10
trans-1,2-Dichloroethylene	200	270	290	500	270	280
1,2-Dichloropropane	-20	-10	-10	-10	-10	-10
cis-1,3-Dichloropropylene	-20	-10	-10	-10	-10	-10
trans-1,3-Dichloropropylene	-20	-10	-10	-10	-10	10
Ethylbenzene	-20	-10	-10	-10	-10	-10
Freon 113	-20	-10	-10	-10	-10	-10
2-Hexanone	-20	-10	-10	-10	-10	-10
Methylene Chloride	-20	-10	-10	-10	-10	-10
Methyl Ethyl Ketone	-200	-100	-100	-100	-100	-100
Methyl Isobutyl Ketone	-20	-10	-10	-10	-10	-10
Styrene	-20	-10	-10	-10	-10	-10
1,1,2,2-Tetrachloroethane	-20	-10	-10	-10	-10	-10
Tetrachloroethylene	-20	-10	-10	-10	-10	-10
1,1,1-Trichloroethane	-20	-10	-10	-10	-10	-1
Trichloroethylene	1300	1500	1600	1900	1600	1200
Trichloroflurometh ane	-20	-10	-10	-10	-10	-10
Toluene	-20	-10	-10	-10	-10	-10
Vinyl Acetate	-200	-100	-100	-100	-100	-100
Vinyl Chloride	-20	-10	-10	-10	-10	-10
Total Xylene Isomers	-200	-100	-100	-100	-100	-100
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	03-599-4	08-368-9	09-200-2	10-089-5	11-182-4	01-073-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-15 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-111

COMPOUND (micrograms per liter)	DATE SAMPLED 04/10/89
Acetone	-100
Acrolein	-200
Acrylonitrile	-200
Benzene	-10
Bromodichloromethane	-10
Bromoform	-10
Bromomethane	-10
Carbon Disulfide	-20
Carbon Tetrachloride	-10
Chlorobenzene	-10
Chloroethane	-10
2-Chloroethylvinyl ether	-10
Chloroform	-10
Chloromethane	-20
Dibromochloromethane	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
1,1-Dichloroethane	-10
1,2-Dichloroethane	-10
1,1-Dichloroethylene	-10
trans-1,2-Dichloroethylene	140
1,2-Dichloropropane	-10
cis-1,3-Dichloropropylene	-10
trans-1,3-Dichloropropylene	-10
Ethylbenzene	-10
Freon 113	-10
2-Hexanone	-100
Methylene Chloride	-10
Methyl Ethyl Ketone	-100
Methyl Isobutyl Ketone	-50
Styrene	-10
1,1,2,2-Tetrachloroethane	-10
Tetrachloroethylene	-10
1,1,1-Trichloroethane	-10
Trichloroethylene	750
Trichlorofluromethane	-10
Toluene	-10
Vinyl Acetate	-50
Vinyl Chloride	-10
Total Xylene Isomers	-50
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-230-17

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-16

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-112

COMPOUND (micrograms per liter)	DATE SAMPLED 03/28/88	03/28/88	08/16/88	08/16/88	09/09/88	09/09/88
Acetone	-500	-500	-500	-500	-500	-500
Acrolein	-500	-500	-500	-500	-500	-500
Acrylonitrile	-500	-500	-500	-500	-500	-500
Benzene	-50	-50	-50	-50	-50	-50
Bromodichloromethane	-50	-50	-50	-50	-50	-50
Bromoform	-50	-50	-50	-50	-50	-50
Bromomethane	-50	-50	-50	-50	-50	-50
Carbon Disulfide	-50	-50	-50	-50	-50	-50
Carbon Tetrachloride	-50	-50	-50	-50	-50	-50
Chlorobenzene	-50	-50	-50	-50	-50	-50
Chloroethane	-50	-50	-50	-50	-50	-50
2-Chloroethylvinyl ether	-50	-50	-50	-50	-50	-50
Chloroform	-50	-50	-50	-50	-50	-50
Chloromethane	-50	-50	-50	-50	-50	-50
Dibromochloromethane	-50	-50	-50	-50	-50	-50
1,2-Dichlorobenzene	-50	-50	-50	-50	-50	-50
1,3-Dichlorobenzene	-50	-50	-50	-50	-50	-50
1,4-Dichlorobenzene	-50	-50	-50	-50	-50	-50
1,1-Dichloroethane	-50	-50	-50	-50	-50	-50
1,2-Dichloroethane	-50	-50	-50	-50	-50	-50
1,1-Dichloroethylene	-50	-50	-50	-50	-50	-50
trans-1,2-Dichloroethylene	300	330	310	310	350	350
1,2-Dichloropropane	-50	-50	-50	-50	-50	-50
cis-1,3-Dichloropropylene	-50	-50	-50	-50	-50	-50
trans-1,3-Dichloropropylene	-50	-50	-50	-50	-50	-50
Ethylbenzene	-50	-50	-50	-50	-50	-50
Freon 113	-50	-50	-50	-50	-50	-50
2-Hexanone	-50	-50	-50	-50	-50	-50
Methylene Chloride	-50	-50	-50	-50	-50	-50
Methyl Ethyl Ketone	-500	-500	-500	-500	-500	-500
Methyl Isobutyl Ketone	-50	-50	-50	-50	-50	-50
Styrene	-50	-50	-50	-50	-50	-50
1,1,2,2-Tetrachloroethane	-50	-50	-50	-50	-50	-50
Tetrachloroethylene	-50	-50	-50	-50	-50	-50
1,1,1-Trichloroethane	-50	-50	-50	-50	-50	-5
Trichloroethylene	5300	5600	5300	5300	6100	5600
Trichlorofluromethane	-50	-50	-50	-50	-50	-50
Toluene	-50	-50	-50	-50	-50	-50
Vinyl Acetate	-500	-500	-500	-500	-500	-500
Vinyl Chloride	-50	-50	-50	-50	-50	-50
Total Xylene Isomers	-500	-500	-500	-500	-500	-500
Quality Assurance Code	ORG	FD	ORG	FD	ORG	FD
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	03-599-5	03-599-8	08-368-10	08-368-11	09-200-3	09-200-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-16 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-112

COMPOUND (micrograms per liter)	DATE SAMPLED 10/04/88	11/11/88	01/05/89	04/10/89
Acetone	600	-500	-500	-500
Acrolein	-500	-500	-500	-1000
Acrylonitrile	-500	-500	-500	-1000
Benzene	-50	-50	-50	-50
Bromodichloromethane	-50	-50	-50	-50
Bromoform	-50	-50	-50	-50
Bromomethane	-50	-50	-50	-50
Carbon Disulfide	53	-50	-50	-100
Carbon Tetrachloride	-50	-50	-50	-50
Chlorobenzene	-50	-50	-50	-50
Chloroethane	-50	-50	-50	-50
2-Chloroethylvinyl ether	-50	-50	-50	-50
Chloroform	-50	-50	-50	-50
Chloromethane	-50	-50	-50	-100
Dibromochloromethane	-50	-50	-50	-50
1,2-Dichlorobenzene	-50	-50	-50	-50
1,3-Dichlorobenzene	-50	-50	-50	-50
1,4-Dichlorobenzene	-50	-50	-50	-50
1,1-Dichloroethane	-50	-50	-50	-50
1,2-Dichloroethane	-50	-50	-50	-50
1,1-Dichloroethylene	-50	-50	-50	-50
trans-1,2-Dichloroethylene	400	350	250	200
1,2-Dichloropropane	-50	-50	-50	-50
cis-1,3-Dichloropropylene	-50	-50	-50	-50
trans-1,3-Dichloropropylene	-50	-50	-50	-50
Ethylbenzene	-50	-50	-50	-50
Freon 113	-50	-50	-50	-50
2-Hexanone	-50	-50	-50	-500
Methylene Chloride	-50	-50	-50	-50
Methyl Ethyl Ketone	-500	-500	-500	-500
Methyl Isobutyl Ketone	-50	-50	-50	-250
Styrene	-50	-50	-50	-50
1,1,2,2-Tetrachloroethane	-50	-50	-50	-50
Tetrachloroethylene	-50	-50	-50	-50
1,1,1-Trichloroethane	-50	-50	-50	-50
Trichloroethylene	5200	6100	4600	4000
Trichloroflurometh ane	-50	-50	-50	-50
Toluene	-50	-50	-50	-50
Vinyl Acetate	-500	-500	-500	-250
Vinyl Chloride	-50	-50	-50	-50
Total Xylene Isomers	-500	-500	-500	-250
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-089-3	11-182-5	01-073-12	04-230-19

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE G-17

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-113

COMPOUND (micrograms per liter)	DATE SAMPLED 03/28/88	08/16/88	09/09/88	10/04/88	11/11/88	01/05/89
Acetone	-200	-400	-400	-200	-400	-400
Acrolein	-200	-400	-400	-200	-400	-400
Acrylonitrile	-200	-400	-400	-200	-400	-400
Benzene	-20	-40	-40	-20	-40	-40
Bromodichloromethane	-20	-40	-40	-20	-40	-40
Bromoform	-20	-40	-40	-20	-40	-40
Bromomethane	-20	-40	-40	-20	-40	-40
Carbon Disulfide	-20	-40	-40	-20	-40	-40
Carbon Tetrachloride	-20	-40	-40	-20	-40	-40
Chlorobenzene	-20	-40	-40	-20	-40	-40
Chloroethane	-20	-40	-40	-20	-40	-40
2-Chloroethylvinyl ether	-20	-40	-40	-20	-40	-40
Chloroform	-20	-40	-40	-20	-40	-40
Chloromethane	-20	-40	-40	-20	-40	-40
Dibromochloromethane	-20	-40	-40	-20	-40	-40
1,2-Dichlorobenzene	-20	-40	-40	-20	-40	-40
1,3-Dichlorobenzene	-20	-40	-40	-20	-40	-40
1,4-Dichlorobenzene	-20	-40	-40	-20	-40	-40
1,1-Dichloroethane	-20	-40	-40	-20	-40	-40
1,2-Dichloroethane	-20	-40	-40	-20	-40	-40
1,1-Dichloroethylene	-20	-40	-40	-20	-40	-40
trans-1,2-Dichloroethylene	72	150	200	160	160	190
1,2-Dichloropropane	-20	-40	-40	-20	-40	-40
cis-1,3-Dichloropropylene	-20	-40	-40	-20	-40	-40
trans-1,3-Dichloropropylene	-20	-40	-40	-20	-40	-40
Ethylbenzene	-20	-40	-40	-20	-40	-40
Freon 113	-20	-40	-40	-20	-40	-40
2-Hexanone	-20	-40	-40	-20	-40	-40
Methylene Chloride	-20	-40	-40	-20	-40	-40
Methyl Ethyl Ketone	-200	-400	-400	-200	-400	-400
Methyl Isobutyl Ketone	-20	-40	-40	-20	-40	-40
Styrene	-20	-40	-40	-20	-40	-40
1,1,2,2-Tetrachloroethane	-20	-40	-40	-20	-40	-40
Tetrachloroethylene	-20	-40	-40	-20	-40	-40
1,1,1-Trichloroethane	-20	-40	-40	-20	-40	-4
Trichloroethylene	3400	5400	6500	5200	6000	5800
Trichlorofluromethane	-20	-40	-40	-20	-40	-40
Toluene	-20	-40	-40	-20	-40	-40
Vinyl Acetate	-200	-400	-400	-200	-400	-400
Vinyl Chloride	-20	-40	-40	-20	-40	-40
Total Xylene Isomers	-200	-400	-400	-200	-400	-400
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	03-599-6	08-368-12	09-200-4	10-089-4	11-182-6	01-073-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-17 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM HM-113

COMPOUND (micrograms per liter)	DATE SAMPLED 04/10/89
Acetone	-400
Acrolein	-800
Acrylonitrile	-800
Benzene	-40
Bromodichloromethane	-40
Bromoform	-40
Bromomethane	-40
Carbon Disulfide	-80
Carbon Tetrachloride	-40
Chlorobenzene	-40
Chloroethane	-40
2-Chloroethylvinyl ether	-40
Chloroform	-40
Chloromethane	-80
Dibromochloromethane	-40
1,2-Dichlorobenzene	-40
1,3-Dichlorobenzene	-40
1,4-Dichlorobenzene	-40
1,1-Dichloroethane	-40
1,2-Dichloroethane	-40
1,1-Dichloroethylene	-40
trans-1,2-Dichloroethylene	80
1,2-Dichloropropane	-40
cis-1,3-Dichloropropylene	-40
trans-1,3-Dichloropropylene	-40
Ethylbenzene	-40
Freon 113	-40
2-Hexanone	-400
Methylene Chloride	-40
Methyl Ethyl Ketone	-400
Methyl Isobutyl Ketone	-200
Styrene	-40
1,1,2,2-Tetrachloroethane	-40
Tetrachloroethylene	-40
1,1,1-Trichloroethane	-40
Trichloroethylene	3800
Trichloroflouromethane	-40
Toluene	-40
Vinyl Acetate	-200
Vinyl Chloride	-40
Total Xylene Isomers	-200
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-230-20

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-18

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-114

COMPOUND (micrograms per liter)	DATE SAMPLED 02/20/89	03/04/89	04/05/89
Acetone	-200	-100	-200
Acrolein	-400	-200	-400
Acrylonitrile	-400	-200	-400
Benzene	-20	-10	-20
Bromodichloromethane	-20	-10	-20
Bromoform	-20	-10	-20
Bromomethane	-20	-10	-20
Carbon Disulfide	-40	-20	-40
Carbon Tetrachloride	-20	-10	-20
Chlorobenzene	-20	-10	-20
Chloroethane	-20	-10	-20
2-Chloroethylvinyl ether	-20	-10	-20
Chloroform	-20	-10	-20
Chloromethane	-40	-20	-40
Dibromochloromethane	-20	-10	-20
1,2-Dichlorobenzene	-20	-10	-20
1,3-Dichlorobenzene	-20	-10	-20
1,4-Dichlorobenzene	-20	-10	-20
1,1-Dichloroethane	-20	-10	-20
1,2-Dichloroethane	-20	-10	-20
1,1-Dichloroethylene	-20	-10	-20
trans-1,2-Dichloroethylene	270	220	250
1,2-Dichloropropane	-20	-10	-20
cis-1,3-Dichloropropylene	-20	-10	-20
trans-1,3-Dichloropropylene	-20	-10	-20
Ethylbenzene	-20	-10	-20
Freon 113	-20	-10	-20
2-Hexanone	-200	-100	-200
Methylene Chloride	-20	-10	-20
Methyl Ethyl Ketone	-200	-100	-200
Methyl Isobutyl Ketone	-100	-50	-100
Styrene	-20	-10	-20
1,1,2,2-Tetrachloroethane	-20	-10	-20
Tetrachloroethylene	-20	-10	-20
1,1,1-Trichloroethane	-20	-10	-20
Trichloroethylene	2200	1900	1900
Trichlorofluromethane	-20	-10	-20
Toluene	-20	-10	-20
Vinyl Acetate	-100	-50	-100
Vinyl Chloride	-20	-10	-20
Total Xylene Isomers	-100	-50	-100
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-2	03-118-12	04-116-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-19

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-115

COMPOUND (micrograms per liter)	DATE SAMPLED 02/20/89	03/04/89	04/05/89
Acetone	-50	-100	-50
Acrolein	-100	-200	-100
Acrylonitrile	-100	-200	-100
Benzene	-5	-10	-5
Bromodichloromethane	-5	-10	-5
Bromoform	-5	-10	-5
Bromomethane	-5	-10	-5
Carbon Disulfide	-10	-20	-10
Carbon Tetrachloride	-5	-10	-5
Chlorobenzene	-5	-10	-5
Chloroethane	-5	-10	-5
2-Chloroethylvinyl ether	-5	-10	-5
Chloroform	-5	-10	-5
Chloromethane	-10	-20	-10
Dibromochloromethane	-5	-10	-5
1,2-Dichlorobenzene	-5	-10	-5
1,3-Dichlorobenzene	-5	-10	-5
1,4-Dichlorobenzene	-5	-10	-5
1,1-Dichloroethane	-5	-10	-5
1,2-Dichloroethane	-5	-10	-5
1,1-Dichloroethylene	-5	-10	-5
trans-1,2-Dichloroethylene	15	-10	14
1,2-Dichloropropane	-5	-10	-5
cis-1,3-Dichloropropylene	-5	-10	-5
trans-1,3-Dichloropropylene	-5	-10	-5
Ethylbenzene	-5	-10	-5
Freon 113	-5	-10	-5
2-Hexanone	-50	-100	-50
Methylene Chloride	-5	-10	-5
Methyl Ethyl Ketone	-50	-100	-50
Methyl Isobutyl Ketone	-25	-50	-25
Styrene	-5	-10	-5
1,1,2,2-Tetrachloroethane	-5	-10	-5
Tetrachloroethylene	-5	-10	-5
1,1,1-Trichloroethane	-5	-10	-5
Trichloroethylene	360	310	380
Trichloroflurometh ane	-5	-10	-5
Toluene	-5	-10	-5
Vinyl Acetate	-25	-50	-25
Vinyl Chloride	-5	-10	-5
Total Xylene Isomers	-25	-50	-25
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-3	03-118-13	04-116-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-20

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-116

COMPOUND (micrograms per liter)	DATE SAMPLED 02/20/89	03/04/89	04/05/89
Acetone	-50	-100	-100
Acrolein	-100	-200	-200
Acrylonitrile	-100	-200	-200
Benzene	-5	-10	-10
Bromodichloromethane	-5	-10	-10
Bromoform	-5	-10	-10
Bromomethane	-5	-10	-10
Carbon Disulfide	-10	-20	-20
Carbon Tetrachloride	-5	-10	-10
Chlorobenzene	-5	-10	-10
Chloroethane	-5	-10	-10
2-Chloroethylvinyl ether	-5	-10	-10
Chloroform	-5	-10	-10
Chloromethane	-10	-20	-20
Dibromochloromethane	-5	-10	-10
1,2-Dichlorobenzene	-5	-10	-10
1,3-Dichlorobenzene	-5	-10	-10
1,4-Dichlorobenzene	-5	-10	-10
1,1-Dichloroethane	-5	-10	-10
1,2-Dichloroethane	-5	-10	-10
1,1-Dichloroethylene	-5	-10	-10
trans-1,2-Dichloroethylene	13	-10	12
1,2-Dichloropropane	-5	-10	-10
cis-1,3-Dichloropropylene	-5	-10	-10
trans-1,3-Dichloropropylene	-5	-10	-10
Ethylbenzene	-5	-10	-10
Freon 113	-5	-10	-10
2-Hexanone	-50	-100	-100
Methylene Chloride	-5	-10	-10
Methyl Ethyl Ketone	-50	-100	-100
Methyl Isobutyl Ketone	-25	-50	-50
Styrene	-5	-10	-10
1,1,2,2-Tetrachloroethane	-5	-10	-10
Tetrachloroethylene	-5	-10	-10
1,1,1-Trichloroethane	-5	-10	-10
Trichloroethylene	940	1000	900
Trichloroflurometh ane	-5	-10	-10
Toluene	-5	-10	-10
Vinyl Acetate	-25	-50	-50
Vinyl Chloride	-5	-10	-10
Total Xylene Isomers	-25	-50	-50
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-4	03-118-14	04-116-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-21

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-117

COMPOUND (micrograms per liter)	DATE SAMPLED 02/20/89	03/04/89	04/05/89
Acetone	-50	-100	-50
Acrolein	-100	-200	-100
Acrylonitrile	-100	-200	-100
Benzene	-5	-10	-5
Bromodichloromethane	-5	-10	-5
Bromoform	-5	-10	-5
Bromomethane	-5	-10	-5
Carbon Disulfide	-10	-20	-10
Carbon Tetrachloride	-5	-10	-5
Chlorobenzene	-5	-10	-5
Chloroethane	-5	-10	-5
2-Chloroethylvinyl ether	-5	-10	-5
Chloroform	-5	-10	-5
Chloromethane	-10	-20	-10
Dibromochloromethane	-5	-10	-5
1,2-Dichlorobenzene	-5	-10	-5
1,3-Dichlorobenzene	-5	-10	-5
1,4-Dichlorobenzene	-5	-10	-5
1,1-Dichloroethane	-5	-10	-5
1,2-Dichloroethane	-5	-10	-5
1,1-Dichloroethylene	-5	-10	-5
trans-1,2-Dichloroethylene	-5	-10	15
1,2-Dichloropropane	-5	-10	-5
cis-1,3-Dichloropropylene	-5	-10	-5
trans-1,3-Dichloropropylene	-5	-10	-5
Ethylbenzene	-5	-10	-5
Freon 113	-5	-10	-5
2-Hexanone	-50	-100	-50
Methylene Chloride	-5	-10	-5
Methyl Ethyl Ketone	-50	-100	-50
Methyl Isobutyl Ketone	-25	-50	-25
Styrene	-5	-10	-5
1,1,2,2-Tetrachloroethane	-5	-10	-5
Tetrachloroethylene	6	-10	9
1,1,1-Trichloroethane	-5	-10	-5
Trichloroethylene	730	670	830
Trichloroflurometh ane	-5	-10	-5
Toluene	-5	-10	-5
Vinyl Acetate	-25	-50	-25
Vinyl Chloride	-5	-10	-5
Total Xylene Isomers	-25	-50	-25
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-5	03-118-15	04-116-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE G-22

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-118

COMPOUND (micrograms per liter)	DATE SAMPLED 02/20/89	03/04/89	04/05/89
Acetone	-10	-20	-20
Acrolein	-20	-40	-40
Acrylonitrile	-20	-40	-40
Benzene	-1	-2	-2
Bromodichloromethane	-1	-2	-2
Bromoform	-1	-2	-2
Bromomethane	-1	-2	-2
Carbon Disulfide	-2	-4	-4
Carbon Tetrachloride	-1	-2	-2
Chlorobenzene	-1	-2	-2
Chloroethane	-1	-2	-2
2-Chloroethylvinyl ether	-1	-2	-2
Chloroform	-1	-2	-2
Chloromethane	-2	-4	-4
Dibromochloromethane	-1	-2	-2
1,2-Dichlorobenzene	-1	-2	-2
1,3-Dichlorobenzene	-1	-2	-2
1,4-Dichlorobenzene	-1	-2	-2
1,1-Dichloroethane	-1	-2	-2
1,2-Dichloroethane	-1	-2	-2
1,1-Dichloroethylene	-1	-2	-2
trans-1,2-Dichloroethylene	-1	2	4
1,2-Dichloropropane	-1	-2	-2
cis-1,3-Dichloropropylene	-1	-2	-2
trans-1,3-Dichloropropylene	-1	-2	-2
Ethylbenzene	-1	-2	-2
Freon 113	-1	-2	-2
2-Hexanone	-10	-2	-20
Methylene Chloride	-1	-2	-2
Methyl Ethyl Ketone	-10	-20	-20
Methyl Isobutyl Ketone	-5	-10	-10
Styrene	-1	-2	-2
1,1,2,2-Tetrachloroethane	-1	-2	-2
Tetrachloroethylene	-1	-2	-2
1,1,1-Trichloroethane	-1	-2	-2
Trichloroethylene	140	140	170
Trichloroflouromethane	-1	-2	-2
Toluene	-1	-2	-2
Vinyl Acetate	-5	-10	-10
Vinyl Chloride	-1	-2	-2
Total Xylene Isomers	-5	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-6	03-118-16	04-116-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Spli

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TABLE G-23

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-119

COMPOUND (micrograms per liter)	DATE SAMPLED 02/20/89	03/04/89	04/05/89
Acetone	-10	-10	-10
Acrolein	-20	-20	-20
Acrylonitrile	-20	-20	-20
Benzene	-1	-1	-1
Bromodichloromethane	-1	-1	-1
Bromoform	-1	-1	-1
Bromomethane	-1	-1	-1
Carbon Disulfide	-2	-2	-2
Carbon Tetrachloride	-1	-1	-1
Chlorobenzene	-1	-1	-1
Chloroethane	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1
Chloroform	-1	-1	-1
Chloromethane	-2	-2	-2
Dibromochloromethane	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1
Ethylbenzene	-1	-1	-1
Freon 113	-1	-1	-1
2-Hexanone	-10	-10	-10
Methylene Chloride	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10
Methyl Isobutyl Ketone	-5	-5	-5
Styrene	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1
Tetrachloroethylene	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1
Trichloroethylene	45	43	42
Trichloroflurometh ane	-1	-1	-1
Toluene	-1	-1	-1
Vinyl Acetate	-5	-5	-5
Vinyl Chloride	-1	-1	-1
Total Xylene Isomers	-5	-5	-5
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brqwn & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-7	03-118-17	04-116-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-24

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-120

COMPOUND (micrograms per liter)	DATE SAMPLED 02/20/89	03/04/89	04/05/89
Acetone	-10	-10	-10
Acrolein	-20	-20	-20
Acrylonitrile	-20	-20	-20
Benzene	-1	-1	-1
Bromodichloromethane	-1	-1	-1
Bromoform	-1	-1	-1
Bromomethane	-1	-1	-1
Carbon Disulfide	-2	-2	-2
Carbon Tetrachloride	-1	-1	-1
Chlorobenzene	-1	-1	-1
Chloroethane	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1
Chloroform	-1	-1	-1
Chloromethane	-2	-2	-2
Dibromochloromethane	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1
Ethylbenzene	-1	-1	-1
Freon 113	-1	-1	-1
2-Hexanone	-10	-10	-10
Methylene Chloride	-1	-1	13
Methyl Ethyl Ketone	-10	-10	-10
Methyl Isobutyl Ketone	-5	-5	-5
Styrene	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1
Tetrachloroethylene	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1
Trichloroethylene	-1	-1	-1
Trichlorofluromethane	-1	-1	-1
Toluene	-1	-1	-1
Vinyl Acetate	-5	-5	-5
Vinyl Chloride	-1	-1	-1
Total Xylene Isomers	-5	-5	-5
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-8	03-118-18	04-116-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-25

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-121

COMPOUND (micrograms per liter)	DATE SAMPLED 02/21/89	03/04/89	04/05/89
Acetone	-50	-50	-50
Acrolein	-100	-100	-100
Acrylonitrile	-100	-100	-100
Benzene	-5	-5	-5
Bromodichloromethane	-5	-5	-5
Bromoform	-5	-5	-5
Bromomethane	-5	-5	-5
Carbon Disulfide	-10	-10	-10
Carbon Tetrachloride	-5	-5	-5
Chlorobenzene	-5	-5	-5
Chloroethane	-5	-5	-5
2-Chloroethylvinyl ether	-5	-5	-5
Chloroform	-5	-5	-5
Chloromethane	-10	-10	-10
Dibromochloromethane	-5	-5	-5
1,2-Dichlorobenzene	-5	-5	-5
1,3-Dichlorobenzene	-5	-5	-5
1,4-Dichlorobenzene	-5	-5	-5
1,1-Dichloroethane	-5	-5	-5
1,2-Dichloroethane	-5	-5	-5
1,1-Dichloroethylene	-5	-5	-5
trans-1,2-Dichloroethylene	16	17	20
1,2-Dichloropropane	-5	-5	-5
cis-1,3-Dichloropropylene	-5	-5	-5
trans-1,3-Dichloropropylene	-5	-5	-5
Ethylbenzene	-5	-5	-5
Freon 113	-5	-5	-5
2-Hexanone	-50	-50	-50
Methylene Chloride	-5	-5	30
Methyl Ethyl Ketone	-50	-50	-50
Methyl Isobutyl Ketone	-25	-25	-25
Styrene	-5	-5	-5
1,1,2,2-Tetrachloroethane	-5	-5	-5
Tetrachloroethylene	-5	-5	-5
1,1,1-Trichloroethane	-5	-5	-5
Trichloroethylene	420	530	550
Trichloroflurometh ane	-5	-5	-5
Toluene	-5	-5	-5
Vinyl Acetate	-25	-25	-25
Vinyl Chloride	-5	-5	-5
Total Xylene Isomers	-25	-25	-25
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-11	03-118-19	04-116-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-26

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-122

COMPOUND (micrograms per liter)	DATE SAMPLED 02/21/89	03/05/89	04/06/89
Acetone	-250	-100	-100
Acrolein	-500	-200	-200
Acrylonitrile	-500	-200	-200
Benzene	-25	-10	-10
Bromodichloromethane	-25	-10	-10
Bromoform	-25	-10	-10
Bromomethane	-25	-10	-10
Carbon Disulfide	-50	-20	-20
Carbon Tetrachloride	-25	-10	-10
Chlorobenzene	-25	-10	-10
Chloroethane	-25	-10	-10
2-Chloroethylvinyl ether	-25	-10	-10
Chloroform	-25	-10	-10
Chloromethane	-50	-20	-20
Dibromochloromethane	-25	-10	-10
1,2-Dichlorobenzene	-25	-10	-10
1,3-Dichlorobenzene	-25	-10	-10
1,4-Dichlorobenzene	-25	-10	-10
1,1-Dichloroethane	-25	-10	-10
1,2-Dichloroethane	-25	-10	-10
1,1-Dichloroethylene	-25	-10	-10
trans-1,2-Dichloroethylene	430	470	470
1,2-Dichloropropane	-25	-10	-10
cis-1,3-Dichloropropylene	-25	-10	-10
trans-1,3-Dichloropropylene	-25	-10	-10
Ethylbenzene	-25	-10	-10
Freon 113	-25	-10	-10
2-Hexanone	-250	-100	-100
Methylene Chloride	-25	-10	-10
Methyl Ethyl Ketone	-250	-100	-100
Methyl Isobutyl Ketone	-130	-50	-50
Styrene	-25	-10	-10
1,1,2,2-Tetrachloroethane	-25	-10	-10
Tetrachloroethylene	-25	-10	-10
1,1,1-Trichloroethane	-25	-10	-10
Trichloroethylene	940	1000	1100
Trichlorofluromethane	-25	-10	-10
Toluene	-25	-10	-10
Vinyl Acetate	-130	-50	-50
Vinyl Chloride	-25	-10	-10
Total Xylene Isomers	-130	-50	-50
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-12	03-118-22	04-116-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-27

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-123

COMPOUND (micrograms per liter)	DATE SAMPLED 02/21/89	04/07/89
Acetone	-250	-200
Acrolein	-500	-400
Acrylonitrile	-500	-400
Benzene	-25	-20
Bromodichloromethane	-25	-20
Bromoform	-25	-20
Bromomethane	-25	-20
Carbon Disulfide	-50	-40
Carbon Tetrachloride	-25	-20
Chlorobenzene	-25	-20
Chloroethane	-25	-20
2-Chloroethylvinyl ether	-25	-20
Chloroform	-25	-20
Chloromethane	-50	-40
Dibromochloromethane	-25	-20
1,2-Dichlorobenzene	-25	-20
1,3-Dichlorobenzene	-25	-20
1,4-Dichlorobenzene	-25	-20
1,1-Dichloroethane	-25	-20
1,2-Dichloroethane	-25	-20
1,1-Dichloroethylene	-25	-20
trans-1,2-Dichloroethylene	770	840
1,2-Dichloropropane	-25	-20
cis-1,3-Dichloropropylene	-25	-20
trans-1,3-Dichloropropylene	-25	-20
Ethylbenzene	-25	-20
Freon 113	-25	-20
2-Hexanone	-250	-200
Methylene Chloride	-25	-20
Methyl Ethyl Ketone	-250	-200
Methyl Isobutyl Ketone	-130	-100
Styrene	-25	-20
1,1,2,2-Tetrachloroethane	-25	-20
Tetrachloroethylene	-25	-20
1,1,1-Trichloroethane	-25	-20
Trichloroethylene	3500	3100
Trichloroflouromethane	-25	-20
Toluene	-25	-20
Vinyl Acetate	-130	-100
Vinyl Chloride	-25	-20
Total Xylene Isomers	-130	-100
Quality Assurance Code	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-13	04-137-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE G-28

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-124

COMPOUND (micrograms per liter)	DATE SAMPLED 02/21/89	03/04/89	04/06/89	04/06/89
Acetone	-10	-10	-10	-10
Acrolein	-20	-20	-20	-20
Acrylonitrile	-20	-20	-20	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	-2	-2	-2	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-2	-2	-2	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1
2-Hexanone	-10	-10	-10	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10
Methyl Isobutyl Ketone	-5	-5	-5	-5
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	-1	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1	-1
Toluene	-1	-1	-1	-1
Vinyl Acetate	-5	-5	-5	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-5	-5	-5	-5
Quality Assurance Code	ORG	ORG	ORG	FD
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-10	03-118-21	04-116-11	04-116-22

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE G-29

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-125

COMPOUND (micrograms per liter)	DATE SAMPLED 02/21/89	03/04/89	04/05/89
Acetone	-10	-10	-10
Acrolein	-20	-20	-20
Acrylonitrile	-20	-20	-20
Benzene	-1	-1	-1
Bromodichloromethane	-1	-1	-1
Bromoform	-1	-1	-1
Bromomethane	-1	-1	-1
Carbon Disulfide	-2	-2	-2
Carbon Tetrachloride	-1	-1	-1
Chlorobenzene	-1	-1	-1
Chloroethane	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1
Chloroform	-1	-1	-1
Chloromethane	-2	-2	-2
Dibromochloromethane	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1
trans-1,2-Dichloroethylene	2	1	2
1,2-Dichloropropane	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1
Ethylbenzene	-1	-1	-1
Freon 113	-1	-1	-1
2-Hexanone	-10	-10	-10
Methylene Chloride	-1	-1	6
Methyl Ethyl Ketone	-10	-10	-10
Methyl Isobutyl Ketone	-5	-5	-5
Styrene	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1
Tetrachloroethylene	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1
Trichloroethylene	76	53	77
Trichloroflurometh ane	-1	-1	-1
Toluene	-1	-1	-1
Vinyl Acetate	-5	-5	-5
Vinyl Chloride	-1	-1	-1
Total Xylene Isomers	-5	-5	-5
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-16	03-118-20	04-116-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE G-30

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-126

COMPOUND (micrograms per liter)	DATE SAMPLED 02/21/89	03/05/89	04/07/89
Acetone	-250	-500	-500
Acrolein	-500	-1000	-1000
Acrylonitrile	-500	-1000	-1000
Benzene	-25	-50	160
Bromodichloromethane	-25	-50	-50
Bromoform	-25	-50	-50
Bromomethane	-25	-50	-50
Carbon Disulfide	-50	-100	-100
Carbon Tetrachloride	-25	-50	-50
Chlorobenzene	-25	-50	-50
Chloroethane	-25	-50	-50
2-Chloroethylvinyl ether	-25	-50	-50
Chloroform	-25	-50	-50
Chloromethane	-50	-100	-100
Dibromochloromethane	-25	-50	-50
1,2-Dichlorobenzene	-25	-50	-50
1,3-Dichlorobenzene	-25	-50	-50
1,4-Dichlorobenzene	-25	-50	-50
1,1-Dichloroethane	-25	-50	-50
1,2-Dichloroethane	-25	-50	-50
1,1-Dichloroethylene	-25	-50	-50
trans-1,2-Dichloroethylene	260	290	330
1,2-Dichloropropane	-25	-50	-50
cis-1,3-Dichloropropylene	-25	-50	-50
trans-1,3-Dichloropropylene	-25	-50	-50
Ethylbenzene	-25	-50	-50
Freon 113	-25	-50	-50
2-Hexanone	-250	-500	-500
Methylene Chloride	-25	-50	-50
Methyl Ethyl Ketone	-250	-500	-500
Methyl Isobutyl Ketone	-130	-250	-250
Styrene	-25	-50	-50
1,1,2,2-Tetrachloroethane	-25	-50	-50
Tetrachloroethylene	-25	-50	-50
1,1,1-Trichloroethane	-25	-50	-50
Trichloroethylene	3300	3200	3500
Trichloroflurometh ane	-25	-50	-50
Toluene	-25	-50	-50
Vinyl Acetate	-130	-250	-250
Vinyl Chloride	-25	-50	-50
Total Xylene Isomers	-130	-250	-250
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	02-418-14	03-118-26	04-137-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-31

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-127

COMPOUND (micrograms per liter)	DATE SAMPLED 02/21/89	03/05/89	04/07/89	04/07/89
Acetone	-10	-10	-10	-20
Acrolein	-20	-20	-20	---
Acrylonitrile	-20	-20	-20	---
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-5
Bromomethane	-1	-1	-1	-10
Carbon Disulfide	-2	-2	-2	-1
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-10
Chloroform	-1	-1	-1	-1
Chloromethane	-2	-2	-2	-10
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	---
1,3-Dichlorobenzene	-1	-1	-1	---
1,4-Dichlorobenzene	-1	-1	-1	---
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	3	1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	---
2-Hexanone	-10	-10	-10	-10
Methylene Chloride	-1	-1	-1	-5
Methyl Ethyl Ketone	-10	-10	-10	-20
Methyl Isobutyl Ketone	-5	-5	-5	-10
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	10	3	-1	-1
Trichloroflurometh ane	-1	-1	-1	---
Toluene	-1	-1	-1	-1
Vinyl Acetate	-5	-5	-5	-10
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-5	-5	-5	-1
Quality Assurance Code	ORG	ORG	ORG	SPLT
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.
Laboratory ID #	02-418-15	03-118-25	04-137-2	90411301

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-32

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-05UN

COMPOUND (micrograms per liter)	DATE SAMPLED 01/15/88	02/04/88	02/04/88	10/07/88	01/09/89	04/11/89
Acetone	---	-10	-10	-10	-10	-10
Acrolein	-10	-10	-10	-10	10	-20
Acrylonitrile	-10	-10	-10	-10	-10	-20
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1	-1	-1
Carbon Disulfide	---	-1	-1	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-1	-1	-2
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	-1	-1	-1	-1	-1
1,3-Dichlorobenzene	---	-1	-1	-1	-1	-1
1,4-Dichlorobenzene	---	-1	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	19	-1	18	16	23	18
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	-1	-1	-1	-1	-1
2-Hexanone	---	-1	-1	-1	-1	-10
Methylene Chloride	-1	-1	-1	-1	-1	3
Methyl Ethyl Ketone	---	-10	-10	30	10	-10
Methyl Isobutyl Ketone	---	-1	-1	-1	-1	-5
Styrene	---	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	-1	-1	-1	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1	-1	-1	-1
Toluene	-1	11	10	-1	-1	-1
Vinyl Acetate	---	-10	-10	-10	-10	-5
Vinyl Chloride	24	22	22	18	22	17
Total Xylene Isomers	---	-10	-10	-10	-10	-5
Quality Assurance Code	ORG	FD	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-289-2	02-144-10	02-144-9	10-136-13	01-104-46	04-230-33

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE G-33

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-08UN

COMPOUND (micrograms per liter)	DATE SAMPLED 07/11/87	07/11/87	07/11/87	08/05/87	08/05/87	08/05/87
Acetone	---	---	-10	---	---	13
Acrolein	-10	-10	---	-10	-10	---
Acrylonitrile	-10	-10	---	-10	-10	---
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-5	-1	-1	-5
Bromomethane	-1	-1	-10	-1	-1	-10
Carbon Disulfide	---	---	-1	---	---	-1
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-10	-1	-1	-10
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-10	-1	-1	-10
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	---	---	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	-10	---	---	-10
Methylene Chloride	-1	-1	-5	-1	-1	-5
Methyl Ethyl Ketone	---	---	-10	---	---	-10
Methyl Isobutyl Ketone	---	---	-10	---	---	-10
Styrene	---	---	-1	---	---	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	7	6	5	15	13	16
Trichloroflurometh ane	-1	-1	---	-1	-1	---
Toluene	-1	-1	-1	1	3	-1
Vinyl Acetate	---	---	-10	---	---	-10
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	---	---	-1	---	---	-1
Quality Assurance Code	FD	ORG	SPLT	FD	ORG	SPLT
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Analytical Tech.
Laboratory ID #	07-205-26	07-205-3	70709201	08-114-14	08-114-3	70804801

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE G-33 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-08UN

COMPOUND (micrograms per liter)	DATE SAMPLED 09/02/87	09/02/87	09/02/87	10/12/87	11/08/87	12/06/87
Acetone	---	---	-10	---	---	---
Acrolein	-10	-10	---	-10	-10	-10
Acrylonitrile	-10	-10	---	-10	-10	-10
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-5	-1	-1	-1
Bromomethane	-1	-1	-10	-1	-1	-1
Carbon Disulfide	---	---	-1	---	---	---
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-10	-1	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-10	-1	-1	-1
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	1	1	-1	-1	2	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	-10	---	---	---
Methylene Chloride	-1	-1	-5	-1	-1	-1
Methyl Ethyl Ketone	---	---	24	---	---	---
Methyl Isobutyl Ketone	---	---	-10	---	---	---
Styrene	---	---	-1	---	---	---
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	2	-1	-
Trichloroethylene	19	17	18	-1	19	5
Trichloroflurometh ane	-1	-1	---	-1	-1	-1
Toluene	-1	1	-1	-1	2	-1
Vinyl Acetate	---	---	-10	---	---	---
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	---	---	2	---	---	---
Quality Assurance Code	ORG	FD	SPLT	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-092-1	09-092-13	70905003	10-289-24	11-231-14	12-168-17

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE G-33 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-08UN

COMPOUND (micrograms per liter)	DATE SAMPLED 01/08/88	10/06/88	01/07/89	04/09/89
Acetone	---	-10	-10	-10
Acrolein	-10	-10	-10	-20
Acrylonitrile	-10	-10	-10	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	---	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	---	-1	-1	-1
1,3-Dichlorobenzene	---	-1	-1	-1
1,4-Dichlorobenzene	---	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	3	-1
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	---	-1	-1	-1
2-Hexanone	---	-1	-1	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	---	-10	-10	-10
Methyl Isobutyl Ketone	---	-1	-1	-5
Styrene	---	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	5	140	35	9
Trichlorofluromethane	-1	-1	-1	-1
Toluene	-1	-1	-1	-1
Vinyl Acetate	---	-10	-10	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	---	-10	-10	-5
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-171-24	10-025-19	01-104-58	04-157-36

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

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TABLE G-34

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-08US

COMPOUND (micrograms per liter)	DATE SAMPLED 07/11/87	07/11/87	07/11/87	08/06/87	08/06/87	08/06/87
Acetone	---	---	82	---	---	-100
Acrolein	-50	-50	---	-500	-100	---
Acrylonitrile	-50	-50	---	-500	-100	---
Benzene	-5	-5	-1	-50	-10	-10
Bromodichloromethane	-5	-5	-1	-50	-10	-10
Bromoform	-5	-5	-5	-50	-10	-50
Bromomethane	-5	-5	-10	-50	-10	-100
Carbon Disulfide	---	---	-1	---	---	-10
Carbon Tetrachloride	-5	-5	-1	-50	-10	-10
Chlorobenzene	-5	-5	-1	-50	-10	-10
Chloroethane	-5	-5	-1	-50	-10	-10
2-Chloroethylvinyl ether	-5	-5	-10	-50	-10	-100
Chloroform	-5	-5	-1	-50	-10	-10
Chloromethane	-5	-5	-10	-50	-10	-100
Dibromochloromethane	-5	-5	-1	-50	-10	-10
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-5	-5	21	-50	-10	-10
1,2-Dichloroethane	-5	-5	-1	-50	-10	-10
1,1-Dichloroethylene	-5	-5	-1	-50	-10	-10
trans-1,2-Dichloroethylene	22	16	3	120	84	110
1,2-Dichloropropane	-5	-5	-1	-50	-10	-10
cis-1,3-Dichloropropylene	---	---	-1	-50	-10	-10
trans-1,3-Dichloropropylene	-5	-5	-1	-50	-10	-10
Ethylbenzene	-5	-5	3	-50	-10	-10
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	-10	---	---	-100
Methylene Chloride	-5	-5	-5	-50	-10	-50
Methyl Ethyl Ketone	---	---	53	---	---	-100
Methyl Isobutyl Ketone	---	---	-10	---	---	-100
Styrene	---	---	-1	---	---	-10
1,1,2,2-Tetrachloroethane	-5	-5	-1	-50	-10	-10
Tetrachloroethylene	-5	-5	-1	-50	-10	-10
1,1,1-Trichloroethane	-5	-5	-1	-50	-10	-1
Trichloroethylene	370	320	200	1800	1700	2000
Trichloroflurometh ane	-5	-5	---	-50	-10	---
Toluene	-5	-5	1	-50	-10	-10
Vinyl Acetate	---	---	-10	---	---	-100
Vinyl Chloride	-5	-5	-1	-50	-10	-10
Total Xylene Isomers	---	---	26	---	---	-10
Quality Assurance Code	FD	ORG	SPLT	FD	ORG	SPLT
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Analytical Tech.
Laboratory ID #	07-205-27	07-205-4	70709202	08-114-20	08-114-4	70804802

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-34 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-08US

COMPOUND (micrograms per liter)	DATE SAMPLED 09/02/87	09/02/87	09/02/87	10/12/87	11/08/87	12/06/87
Acetone	---	---	-100	---	---	---
Acrolein	-100	-100	---	-250	-250	-250
Acrylonitrile	-100	-100	---	-250	-250	-250
Benzene	-10	-10	-10	-25	-25	-25
Bromodichloromethane	-10	-10	-10	-25	-25	-25
Bromoform	-10	-10	-50	-25	-25	-25
Bromomethane	-10	-10	-100	-25	-25	-25
Carbon Disulfide	---	---	-10	---	---	---
Carbon Tetrachloride	-10	-10	-10	-25	-25	-25
Chlorobenzene	-10	-10	-10	-25	-25	-25
Chloroethane	-10	-10	-10	-25	-25	-25
2-Chloroethylvinyl ether	-10	-10	-100	-25	-25	-25
Chloroform	-10	-10	-10	-25	-25	-25
Chloromethane	-10	-10	-100	-25	-25	-25
Dibromochloromethane	-10	-10	-10	-25	-25	-25
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-10	-10	-10	-25	-25	-25
1,2-Dichloroethane	-10	-10	-10	-25	-25	-25
1,1-Dichloroethylene	-10	11	-10	-25	-25	-25
trans-1,2-Dichloroethylene	130	170	200	180	190	220
1,2-Dichloropropane	-10	-10	-10	-25	-25	-25
cis-1,3-Dichloropropylene	-10	-10	-10	-25	-25	-25
trans-1,3-Dichloropropylene	-10	-10	-10	-25	-25	-25
Ethylbenzene	-10	-10	-10	-25	-25	-25
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	-100	---	---	---
Methylene Chloride	-10	-10	-50	-25	-25	-25
Methyl Ethyl Ketone	---	---	-100	---	---	---
Methyl Isobutyl Ketone	---	---	-100	---	---	---
Styrene	---	---	-10	---	---	---
1,1,2,2-Tetrachloroethane	-10	-10	-10	-25	-25	-25
Tetrachloroethylene	-10	-10	-10	-25	-25	-25
1,1,1-Trichloroethane	-10	-10	-10	-25	-25	-2
Trichloroethylene	3200	3000	4600	3100	2900	4100
Trichloroflurometh ane	-10	-10	---	-25	-25	-25
Toluene	-10	-10	-10	-25	-25	-25
Vinyl Acetate	---	---	-100	---	---	---
Vinyl Chloride	-10	-10	-10	-25	-25	-25
Total Xylene Isomers	---	---	-10	---	---	---
Quality Assurance Code	FD	ORG	SPLT	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-092-14	09-092-2	70905002	10-289-25	11-231-13	12-168-16

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-36

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-09US

COMPOUND (micrograms per liter)	DATE SAMPLED 11/08/87	11/08/87	12/04/87	01/09/88	02/04/88	10/11/88
Acetone	---	-100	---	---	-100	-50
Acrolein	-100	---	-100	-100	-100	-50
Acrylonitrile	-100	---	-100	-100	-100	-50
Benzene	-10	-10	-10	-10	-10	-5
Bromodichloromethane	-10	-10	-10	-10	-10	-5
Bromoform	-10	-50	-10	-10	-10	-5
Bromomethane	-10	-100	-10	-10	-10	-5
Carbon Disulfide	---	-10	---	---	-10	-5
Carbon Tetrachloride	-10	-10	-10	-10	-10	-5
Chlorobenzene	-10	-10	-10	-10	-10	-5
Chloroethane	-10	-10	-10	-10	-10	-5
2-Chloroethylvinyl ether	-10	-100	-10	-10	-10	-5
Chloroform	-10	-10	-10	-10	-10	-5
Chloromethane	-10	-100	-10	-10	-10	-5
Dibromochloromethane	-10	-10	-10	-10	-10	-5
1,2-Dichlorobenzene	---	---	---	---	-10	-5
1,3-Dichlorobenzene	---	---	---	---	-10	-5
1,4-Dichlorobenzene	---	---	---	---	-10	-5
1,1-Dichloroethane	-10	-10	-10	-10	-10	-5
1,2-Dichloroethane	-10	-10	-10	-10	-10	-5
1,1-Dichloroethylene	-10	-10	-10	-10	-10	-5
trans-1,2-Dichloroethylene	11	10	11	-10	-10	-5
1,2-Dichloropropane	-10	-10	-10	-10	-10	-5
cis-1,3-Dichloropropylene	-10	-10	-10	-10	-10	-5
trans-1,3-Dichloropropylene	-10	-10	-10	-10	-10	-5
Ethylbenzene	-10	-10	-10	-10	-10	-5
Freon 113	---	---	---	---	-10	-5
2-Hexanone	---	-100	---	---	-10	-5
Methylene Chloride	-10	-50	-10	-10	-10	-5
Methyl Ethyl Ketone	---	-100	---	---	-100	-50
Methyl Isobutyl Ketone	---	-100	---	---	-10	-5
Styrene	---	-10	---	---	-10	-5
1,1,2,2-Tetrachloroethane	-10	-10	-10	-10	-10	-5
Tetrachloroethylene	-10	-10	-10	-10	-10	-5
1,1,1-Trichloroethane	-10	-10	-10	-10	-10	-
Trichloroethylene	2000	1800	2200	1900	1400	230
Trichlorofluromethane	-10	---	-10	-10	-10	-5
Toluene	-10	-10	-10	-10	-10	14
Vinyl Acetate	---	-100	---	---	-100	-50
Vinyl Chloride	-10	-10	-10	-10	-10	-5
Total Xylene Isomers	---	-10	---	---	-100	-50
Quality Assurance Code	ORG	SPLT	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-231-15	71106201	12-168-18	01-171-1	02-144-12	10-217-40

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-36 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-09US

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/89	04/10/89
Acetone	-100	-50
Acrolein	-100	-100
Acrylonitrile	-100	-100
Benzene	-10	-5
Bromodichloromethane	-10	-5
Bromoform	-10	-5
Bromomethane	-10	-5
Carbon Disulfide	-10	-10
Carbon Tetrachloride	-10	-5
Chlorobenzene	-10	-5
Chloroethane	-10	-5
2-Chloroethylvinyl ether	-10	-5
Chloroform	-10	-5
Chloromethane	-10	-10
Dibromochloromethane	-10	-5
1,2-Dichlorobenzene	-10	-5
1,3-Dichlorobenzene	-10	-5
1,4-Dichlorobenzene	-10	-5
1,1-Dichloroethane	-10	-5
1,2-Dichloroethane	-10	-5
1,1-Dichloroethylene	-10	-5
trans-1,2-Dichloroethylene	12	-5
1,2-Dichloropropane	-10	-5
cis-1,3-Dichloropropylene	-10	-5
trans-1,3-Dichloropropylene	-10	-5
Ethylbenzene	-10	-5
Freon 113	-10	-5
2-Hexanone	-10	-50
Methylene Chloride	-10	-5
Methyl Ethyl Ketone	-100	-50
Methyl Isobutyl Ketone	-10	-25
Styrene	-10	-5
1,1,2,2-Tetrachloroethane	-10	-5
Tetrachloroethylene	-10	-5
1,1,1-Trichloroethane	-10	-5
Trichloroethylene	1600	880
Trichlorofluromethane	-10	-5
Toluene	-10	-5
Vinyl Acetate	-100	-25
Vinyl Chloride	-10	-5
Total Xylene Isomers	-100	-25
Quality Assurance Code	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-127-24	04-230-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-37

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-12UN

COMPOUND (micrograms per liter)	DATE SAMPLED 03/04/88	08/17/88	09/09/88	10/07/88	11/12/88	11/12/88
Acetone	200	950	500	400	300	-10
Acrolein	-10	-100	-50	-20	-10	---
Acrylonitrile	-10	-100	-50	-20	-10	---
Benzene	-1	-10	-5	-2	-1	-1
Bromodichloromethane	-1	-10	-5	-2	-1	-1
Bromoform	-1	-10	-5	-2	-1	-5
Bromomethane	-1	-10	-5	-2	-1	-10
Carbon Disulfide	-1	-10	-5	-2	-1	-1
Carbon Tetrachloride	-1	-10	-5	-2	-1	-1
Chlorobenzene	-1	-10	-5	-2	-1	-1
Chloroethane	-1	-10	-5	-2	-1	-1
2-Chloroethylvinyl ether	-1	-10	-5	-2	-1	-10
Chloroform	1	-10	-5	-2	-1	-1
Chloromethane	-1	-10	-5	-2	-1	-10
Dibromochloromethane	-1	-10	-5	-2	-1	-1
1,2-Dichlorobenzene	-1	-10	-5	-2	-1	---
1,3-Dichlorobenzene	-1	-10	-5	-2	-1	---
1,4-Dichlorobenzene	-1	-10	-5	-2	-1	---
1,1-Dichloroethane	-1	-10	-5	-2	-1	-1
1,2-Dichloroethane	-1	-10	-5	-2	-1	-1
1,1-Dichloroethylene	-1	-10	-5	-2	-1	-1
trans-1,2-Dichloroethylene	-1	-10	-5	-2	-1	-1
1,2-Dichloropropane	-1	-10	-5	-2	-1	-1
cis-1,3-Dichloropropylene	-1	-10	-5	-2	-1	-1
trans-1,3-Dichloropropylene	-1	-10	-5	-2	-1	-1
Ethylbenzene	-1	-10	-5	-2	-1	-1
Freon 113	-1	-10	-5	-2	-1	---
2-Hexanone	-1	-10	-5	-2	-1	-10
Methylene Chloride	-1	-10	-5	-2	-1	-5
Methyl Ethyl Ketone	-10	-100	-50	-20	30	-10
Methyl Isobutyl Ketone	-1	-10	-5	-2	-1	-10
Styrene	-1	-10	-5	-2	-1	-1
1,1,2,2-Tetrachloroethane	-1	-10	-5	-2	-1	-1
Tetrachloroethylene	-1	-10	-5	-2	-1	19
1,1,1-Trichloroethane	3	-10	-5	-2	-1	-
Trichloroethylene	-1	-10	-5	-2	-1	-1
Trichlorofluromethane	-1	-10	-5	-2	-1	---
Toluene	22	24	15	8	7	8
Vinyl Acetate	-10	-100	-50	-20	-10	-10
Vinyl Chloride	-1	-10	-5	-2	-1	-1
Total Xylene Isomers	-10	-100	-50	-20	-10	-1
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	SPLT
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.
Laboratory ID #	03-135-2	08-368-13	09-232-3	10-136-21	11-213-11	81113401

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-37 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-12UN

COMPOUND (micrograms per liter)	DATE SAMPLED 01/08/89	01/08/89	01/08/89	01/08/89	01/08/89	01/08/89
Acetone	40	30	40	40	30	30
Acrolein	-10	-10	-10	-10	-10	-10
Acrylonitrile	-10	-10	-10	-10	-10	-10
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-1	-1	-1	-1
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1	-1	-1
Chloroform	-1	-1	1	-1	-1	-1
Chloromethane	-1	-1	-1	-1	-1	-1
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1	-1	-1
2-Hexanone	-1	-1	-1	-1	-1	-1
Methylene Chloride	-1	-1	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-1	-1	-1	-1
Styrene	-1	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	-1	-1	-1	-1	-1	-1
Trichlorofluromethane	-1	-1	-1	-1	-1	-1
Toluene	7	7	8	7	7	8
Vinyl Acetate	-10	-10	-10	-10	-10	-10
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-10	-10	-10	-10
Quality Assurance Code	RE1	RE2	RE3	RE4	RE5	RE6
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-104-65	01-104-66	01-104-67	01-104-68	01-104-69	01-104-70

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-37 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-12UN

COMPOUND (micrograms per liter)	DATE SAMPLED 01/08/89	01/08/89	01/08/89	01/08/89	04/06/89
Acetone	30	40	30	40	-10
Acrolein	-10	-10	-10	-10	-20
Acrylonitrile	-10	-10	-10	-10	-20
Benzene	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-1	-2
Dibromochloromethane	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1	-1
2-Hexanone	-1	-1	-1	-1	-10
Methylene Chloride	-1	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-1	-1	-5
Styrene	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1
Trichloroethylene	-1	-1	8	8	-1
Trichloroflurometh ane	-1	-1	-1	-1	-1
Toluene	7	7	-1	-1	6
Vinyl Acetate	-10	-10	-10	-10	-5
Vinyl Chloride	-1	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-10	-10	-5
Quality Assurance Code	RE7	RE8	RE9	RE10	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-104-71	01-104-72	01-104-73	01-104-74	04-137-21

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-38

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-12US

COMPOUND (micrograms per liter)	DATE SAMPLED 10/11/88	01/08/89	04/08/89	05/09/89
Acetone	-10	-10	-10	-10
Acrolein	-10	-10	-20	-20
Acrylonitrile	-10	-10	-20	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-2	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-1	-1	-2	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1
2-Hexanone	-1	-1	-10	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-5	-5
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	-1	-1	-1	-1
Trichlorofluromethane	-1	-1	-1	-1
Toluene	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-5	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-5	-5
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-217-4	01-104-75	04-157-16	05-219-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-39

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-5UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 10/10/87	10/10/87	11/08/87	11/08/87	12/05/87	01/10/88
Acetone	---	---	---	---	---	---
Acrolein	-10	-10	-10	-10	-10	-10
Acrylonitrile	-10	-10	-10	-10	-10	-10
Benzene	-1	-1	-1	-1	-1	3
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1	-1	-1
Carbon Disulfide	---	---	---	---	---	---
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-1	-1	-1
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	2	-1
1,1-Dichloroethylene	-1	-1	1	-1	-1	-1
trans-1,2-Dichloroethylene	3	3	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	---	---	---	---	---
2-Hexanone	---	---	---	---	---	---
Methylene Chloride	-1	-1	-1	-1	-1	-1
Methyl Ethyl Ketone	---	---	---	---	---	---
Methyl Isobutyl Ketone	---	---	---	---	---	---
Styrene	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	7	7	3	2	-1	1
Trichloroflurometh ane	-1	-1	-1	-1	-1	-1
Toluene	-1	-1	1	2	100	2
Vinyl Acetate	---	---	---	---	---	---
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	---	---	---	---	---	---
Quality Assurance Code	ORG	FD	ORG	FD	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-289-31	10-289-32	11-231-17	11-231-18	12-168-19	01-171-?

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-39 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-15UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/88	02/06/88	10/10/88	10/10/88	01/08/89	04/08/89
Acetone	---	-10	-10	-10	-10	-10
Acrolein	-10	-10	-10	---	-10	-20
Acrylonitrile	-10	-10	-10	---	-10	-20
Benzene	1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-5	-1	-1
Bromomethane	-1	-1	-1	-10	-1	-1
Carbon Disulfide	---	-1	-1	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-10	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-10	-1	-2
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	-1	-1	---	-1	-1
1,3-Dichlorobenzene	---	-1	-1	---	-1	-1
1,4-Dichlorobenzene	---	-1	-1	---	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	-1	-1	---	-1	-1
2-Hexanone	---	-1	-1	-10	-1	-10
Methylene Chloride	-1	-1	-1	-5	-1	-1
Methyl Ethyl Ketone	---	-10	-10	-10	-10	-10
Methyl Isobutyl Ketone	---	-1	-1	-10	-1	-5
Styrene	---	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	1	-1	-1	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1	---	-1	-1
Toluene	-1	-1	-1	-1	-1	-1
Vinyl Acetate	---	-10	-10	-10	-10	-5
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	---	-10	-10	-1	-10	-5
Quality Assurance Code	FD	ORG	ORG	SPLT	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-171-29	02-207-20	10-155-70	81010306	01-104-77	04-157-23

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-40

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-15US

COMPOUND (micrograms per liter)	DATE SAMPLED 10/10/87	10/10/87	11/08/87	11/08/87	12/05/87	01/10/88
Acetone	---	58	---	14	---	---
Acrolein	-10	---	-10	---	-10	-10
Acrylonitrile	-10	---	-10	---	-10	-10
Benzene	-1	-1	1	1	1	1
Bromodichloromethane	-1	-5	-1	-1	-1	-1
Bromoform	-1	-5	-1	-5	-1	-1
Bromomethane	-1	-10	-1	-10	-1	-1
Carbon Disulfide	---	-5	---	-1	---	---
Carbon Tetrachloride	-1	-5	-1	-1	-1	-1
Chlorobenzene	-1	-5	-1	-1	-1	-1
Chloroethane	-1	-10	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-10	-1	-10	-1	-1
Chloroform	3	-1	-1	-1	-1	-1
Chloromethane	-1	-10	-1	-10	-1	-1
Dibromochloromethane	-1	-5	-1	-1	-1	-1
1,2-Dichlorobenzene	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---
1,1-Dichloroethane	-1	-5	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-5	-1	-1	-1	-1
trans-1,2-Dichloroethylene	8	6	9	10	6	5
1,2-Dichloropropane	-1	-5	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-5	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-5	-1	-1	-1	-1
Ethylbenzene	-1	-5	-1	-1	-1	-1
Freon 113	---	---	---	---	---	---
2-Hexanone	---	-10	---	-10	---	---
Methylene Chloride	-1	-5	-1	-5	-1	-1
Methyl Ethyl Ketone	---	410	---	-10	---	---
Methyl Isobutyl Ketone	---	-10	---	-10	---	---
Styrene	---	-5	---	-1	---	---
1,1,2,2-Tetrachloroethane	-1	-5	-1	-1	-1	-1
Tetrachloroethylene	-1	-5	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-5	-1	-1	-1	-
Trichloroethylene	14	12	22	22	15	14
Trichloroflurometh ane	-1	---	-1	---	-1	-1
Toluene	2	-1	-1	1	-1	1
Vinyl Acetate	---	-10	---	-10	---	---
Vinyl Chloride	-1	-10	-1	-1	-1	-1
Total Xylene Isomers	---	-5	---	-1	---	---
Quality Assurance Code	ORG	SPLT	ORG	SPLT	ORG	ORG
Laboratory	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-289-33	71010901	11-231-15	71106203	12-168-20	01-171-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-40 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-15US

COMPOUND (micrograms per liter)	DATE SAMPLED 02/08/88	10/08/88	10/08/88	01/10/89	01/10/89	04/09/89
Acetone	-10	-10	-10	-10	-10	-10
Acrolein	-10	-10	---	-10	---	-20
Acrylonitrile	-10	-10	---	-10	---	-20
Benzene	3	1	-1	3	2	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-5	-1	-5	-1
Bromomethane	-1	-1	-10	-1	-10	-1
Carbon Disulfide	-1	-1	-1	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-10	-1	-10	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-10	-1	-10	-2
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	---	-1	---	-1
1,3-Dichlorobenzene	-1	-1	---	-1	---	-1
1,4-Dichlorobenzene	-1	-1	---	-1	---	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	2	7	6	-1	-1	2
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	-1	-1	---	-1	---	-1
2-Hexanone	-1	-1	-10	-1	-10	-10
Methylene Chloride	-1	-1	-5	-1	-5	-1
Methyl Ethyl Ketone	-10	-10	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-10	-1	-10	-5
Styrene	-1	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	6	14	14	-1	-1	7
Trichloroflurometh ane	-1	-1	---	-1	---	-1
Toluene	-1	-1	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-10	-10	-10	-5
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-1	-10	-1	-5
Quality Assurance Code	ORG	ORG	SPLT	ORG	SPLT	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell	Analytical Tech.	Brown & Caldwell
Laboratory ID #	02-207-21	10-155-14	81010308	01-127-21	90107101	04-157-31

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-41

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-16US

COMPOUND (micrograms per liter)	DATE SAMPLED 11/08/87	12/05/87	01/11/88	02/08/88	10/07/88	01/10/89
Acetone	---	---	---	-100	-100	-100
Acrolein	-100	-100	-100	-100	-100	-100
Acrylonitrile	-100	-100	-100	-100	-100	-100
Benzene	-10	-10	-10	-10	-10	16
Bromodichloromethane	-10	-10	-10	-10	-10	-10
Bromoform	-10	-10	-10	-10	-10	-10
Bromomethane	-10	-10	-10	-10	-10	-10
Carbon Disulfide	---	---	---	-10	-10	-10
Carbon Tetrachloride	-10	-10	-10	-10	-10	-10
Chlorobenzene	-10	-10	-10	-10	-10	-10
Chloroethane	-10	-10	-10	-10	-10	-10
2-Chloroethylvinyl ether	-10	-10	-10	-10	-10	-10
Chloroform	-10	-10	-10	-10	-10	-10
Chloromethane	-10	-10	-10	-10	-10	-10
Dibromochloromethane	-10	-10	-10	-10	-10	-10
1,2-Dichlorobenzene	---	---	---	-10	-10	-10
1,3-Dichlorobenzene	---	---	---	-10	-10	-10
1,4-Dichlorobenzene	---	---	---	-10	-10	-10
1,1-Dichloroethane	-10	-10	-10	-10	-10	-10
1,2-Dichloroethane	-10	-10	-10	-10	-10	-10
1,1-Dichloroethylene	-10	-10	-10	-10	-10	-10
trans-1,2-Dichloroethylene	490	270	220	130	350	310
1,2-Dichloropropane	-10	-10	-10	-10	-10	-10
cis-1,3-Dichloropropylene	-10	-10	-10	-10	-10	-10
trans-1,3-Dichloropropylene	-10	-10	-10	-10	-10	-10
Ethylbenzene	-10	-10	-10	-10	-10	-10
Freon 113	---	---	---	-10	-10	-10
2-Hexanone	---	---	---	-10	-10	-10
Methylene Chloride	-10	-10	-10	-10	-10	-10
Methyl Ethyl Ketone	---	---	---	-100	-100	-100
Methyl Isobutyl Ketone	---	---	---	-10	-10	-10
Styrene	---	---	---	-10	-10	-10
1,1,2,2-Tetrachloroethane	-10	-10	-10	-10	-10	-10
Tetrachloroethylene	-10	-10	-10	-10	-10	-10
1,1,1-Trichloroethane	-10	-10	-10	-10	-10	-1
Trichloroethylene	1500	810	700	400	820	820
Trichlorofluromethane	-10	-10	-10	-10	-10	-10
Toluene	14	-10	-10	-10	-10	-10
Vinyl Acetate	---	---	---	-100	-100	-100
Vinyl Chloride	-10	-10	-10	-10	-10	-10
Total Xylene Isomers	---	---	---	-100	-100	-100
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-231-19	12-168-21	01-171-4	02-207-22	10-136-17	01-127-22

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-41 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-16US

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/89	04/09/89
Acetone	-100	-100
Acrolein	-100	-200
Acrylonitrile	-100	-200
Benzene	82	-10
Bromodichloromethane	-10	-10
Bromoform	-10	-10
Bromomethane	-10	-10
Carbon Disulfide	-10	-20
Carbon Tetrachloride	-10	-10
Chlorobenzene	-10	-10
Chloroethane	-10	-10
2-Chloroethylvinyl ether	-10	-10
Chloroform	-10	-10
Chloromethane	-10	-20
Dibromochloromethane	-10	-10
1,2-Dichlorobenzene	-10	-10
1,3-Dichlorobenzene	-10	-10
1,4-Dichlorobenzene	-10	-10
1,1-Dichloroethane	-10	-10
1,2-Dichloroethane	-10	-10
1,1-Dichloroethylene	-10	-10
trans-1,2-Dichloroethylene	300	330
1,2-Dichloropropane	-10	-10
cis-1,3-Dichloropropylene	-10	-10
trans-1,3-Dichloropropylene	-10	-10
Ethylbenzene	-10	-10
Freon 113	-10	-10
2-Hexanone	-10	-100
Methylene Chloride	-10	-10
Methyl Ethyl Ketone	-100	-100
Methyl Isobutyl Ketone	-10	-50
Styrene	-10	-10
1,1,2,2-Tetrachloroethane	-10	-10
Tetrachloroethylene	-10	-10
1,1,1-Trichloroethane	-10	-10
Trichloroethylene	800	720
Trichloroflurometh ane	-10	-10
Toluene	-10	-10
Vinyl Acetate	-100	-50
Vinyl Chloride	-10	-10
Total Xylene Isomers	-100	-50
Quality Assurance Code	FD	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-127-23	04-157-60

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE G-42

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-18US

COMPOUND (micrograms per liter)	DATE SAMPLED 03/09/88	08/17/88	09/09/88	10/04/88	11/11/88	01/05/89
Acetone	-10	-10	-10	-10	-10	-10
Acrolein	-10	-10	-10	-10	-10	-10
Acrylonitrile	-10	-10	-10	-10	-10	-10
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-1	-1	-1	-1
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-1	-1	-1
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	---	-1	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	---	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1	-1	-1
2-Hexanone	-1	-1	-1	-1	-1	-1
Methylene Chloride	-1	-1	-1	-1	-1	-1
Methyl Ethyl Ketone	20	-10	-10	-10	-10	30
Methyl Isobutyl Ketone	-1	-1	-1	-1	-1	-1
Styrene	-1	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	-1	-1	-1	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1	-1	-1	-1
Toluene	-1	-1	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-10	-10	-10	-10
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-10	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	03-215-1	08-368-14	09-232-4	10-089-13	11-182-3	01-073-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-42 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-18US

COMPOUND (micrograms per liter)	DATE SAMPLED 04/07/89
Acetone	-10
Acrolein	-20
Acrylonitrile	-20
Benzene	-1
Bromodichloromethane	-1
Bromoform	-1
Bromomethane	-1
Carbon Disulfide	-2
Carbon Tetrachloride	-1
Chlorobenzene	-1
Chloroethane	-1
2-Chloroethylvinyl ether	-1
Chloroform	-1
Chloromethane	-2
Dibromochloromethane	-1
1,2-Dichlorobenzene	-1
1,3-Dichlorobenzene	-1
1,4-Dichlorobenzene	-1
1,1-Dichloroethane	-1
1,2-Dichloroethane	-1
1,1-Dichloroethylene	-1
trans-1,2-Dichloroethylene	-1
1,2-Dichloropropane	-1
cis-1,3-Dichloropropylene	-1
trans-1,3-Dichloropropylene	-1
Ethylbenzene	-1
Freon 113	-1
2-Hexanone	-10
Methylene Chloride	-1
Methyl Ethyl Ketone	-10
Methyl Isobutyl Ketone	-5
Styrene	-1
1,1,2,2-Tetrachloroethane	-1
Tetrachloroethylene	-1
1,1,1-Trichloroethane	-1
Trichloroethylene	-1
Trichloroflurometh ane	-1
Toluene	-1
Vinyl Acetate	-5
Vinyl Chloride	-1
Total Xylene Isomers	-5
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-137-16

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-43

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-22MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 11/06/87	12/05/87	01/06/88	01/06/88	02/04/88	02/04/88
Acetone	---	---	---	---	-10	-10
Acrolein	-10	-10	-10	-10	-10	-10
Acrylonitrile	-10	-10	-10	-10	-10	-10
Benzene	-1	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1	-1	-1
Carbon Disulfide	---	---	---	---	-1	-1
Carbon Tetrachloride	-1	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-1	-1	-1	-1
Dibromochloromethane	-1	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	---	---	---	---	-1	-1
1,3-Dichlorobenzene	---	---	---	---	-1	-1
1,4-Dichlorobenzene	---	---	---	---	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	2	2	2	2	1	2
1,2-Dichloropropane	-1	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1	-1
Freon 113	---	---	---	---	-1	-1
2-Hexanone	---	---	---	---	-1	-1
Methylene Chloride	-1	-1	-1	-1	-1	-1
Methyl Ethyl Ketone	---	---	---	---	-10	-10
Methyl Isobutyl Ketone	---	---	---	---	-1	-1
Styrene	---	---	---	---	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1	-
Trichloroethylene	-1	-1	33	32	-1	-1
Trichloroflurometh ane	-1	-1	-1	-1	-1	-1
Toluene	8	2	15	14	3	4
Vinyl Acetate	---	---	---	---	-10	-10
Vinyl Chloride	-1	-1	-1	-1	-1	-1
Total Xylene Isomers	---	---	---	---	-10	-10
Quality Assurance Code	ORG	ORG	FD	ORG	ORG	FD
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	11-197-5	12-168-22	01-116-17	01-116-3	02-144-13	02-144-14

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE G-43 (continued)

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM P-22MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 10/09/88	01/08/89	04/06/89
Acetone	-10	-10	-10
Acrolein	-10	-10	-20
Acrylonitrile	-10	-10	-20
Benzene	-1	-1	-1
Bromodichloromethane	-1	-1	-1
Bromoform	-1	-1	-1
Bromomethane	-1	-1	-1
Carbon Disulfide	-1	-1	-2
Carbon Tetrachloride	-1	-1	-1
Chlorobenzene	-1	-1	-1
Chloroethane	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1
Chloroform	-1	-1	-1
Chloromethane	-1	-1	-2
Dibromochloromethane	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1
trans-1,2-Dichloroethylene	-1	3	2
1,2-Dichloropropane	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1
Ethylbenzene	-1	-1	-1
Freon 113	-1	-1	-1
2-Hexanone	-1	-1	-10
Methylene Chloride	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-5
Styrene	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1
Tetrachloroethylene	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1
Trichloroethylene	-1	-1	-1
Trichlorofluromethane	-1	-1	-1
Toluene	-1	-1	-1
Vinyl Acetate	-10	-10	-5
Vinyl Chloride	-1	-1	-1
Total Xylene Isomers	-10	-10	-5
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	10-155-25	01-104-36	04-116-32

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-44

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-24MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/89	02/06/89	03/05/89	03/05/89	04/05/89
Acetone	-10	-10	-10	-10	-10
Acrolein	-10	-10	-20	---	-20
Acrylonitrile	-10	-10	-20	---	-20
Benzene	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-5	-1
Bromomethane	-1	-1	-1	-10	-1
Carbon Disulfide	-1	-1	-2	-1	-2
Carbon Tetrachloride	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-10	-1
Chloroform	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-2	-10	-2
Dibromochloromethane	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	---	-1
1,3-Dichlorobenzene	-1	-1	-1	---	-1
1,4-Dichlorobenzene	-1	-1	-1	---	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1
Freon 113	-1	-1	-1	---	-1
2-Hexanone	-1	-1	-10	-10	-10
Methylene Chloride	-1	-1	-1	-5	-1
Methyl Ethyl Ketone	-10	-10	30	-10	-10
Methyl Isobutyl Ketone	-1	-1	-5	-10	-5
Styrene	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1
Trichloroethylene	-1	-1	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1	---	-1
Toluene	-1	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-5	-10	-5
Vinyl Chloride	-1	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-5	-1	-5
Quality Assurance Code	ORG	ORG	ORG	SPLT	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Analytical Tech.	Brown & Caldwell
Laboratory ID #	01-149-4	02-108-4	03-118-2	90309401	04-116-15

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-45

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-24UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/89	02/06/89	03/05/89	04/05/89
Acetone	-10	-10	-10	-10
Acrolein	-10	-10	-20	-20
Acrylonitrile	-10	-10	-20	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-2	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-1	-1	-2	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1
2-Hexanone	-1	-1	-10	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-5	-5
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	-1	-1	-1	-1
Trichlorofluromethane	-1	-1	-1	-1
Toluene	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-5	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-5	-5
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-149-2	02-108-3	03-118-1	04-116-16

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE G-46

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-25MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/89	02/06/89	03/06/89	04/05/89
Acetone	-10	-10	-10	-10
Acrolein	-10	-10	-20	-20
Acrylonitrile	-10	-10	-20	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-2	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-1	-1	-2	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1
2-Hexanone	-1	-1	-10	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-5	-5
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	-1	-1	-1	-1
Trichlorofluromethane	-1	-1	-1	-1
Toluene	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-5	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-5	-5
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-105-1	02-108-2	03-118-3	04-116-17

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

TABLE [illegible]

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-25UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/89	02/06/89	03/06/89	03/06/89	04/06/89
Acetone	-10	-10	-10	-10	-10
Acrolein	-10	-10	-20	-20	-20
Acrylonitrile	-10	-10	-20	-20	-20
Benzene	-1	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-2	-2	-2
Carbon Tetrachloride	-1	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1	-1
Chloromethane	-1	-1	-2	-2	-2
Dibromochloromethane	-1	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1	-1
2-Hexanone	-1	-1	-10	-10	-10
Methylene Chloride	-1	-1	-1	-1	-1
Methyl Ethyl Ketone	-10	-10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-5	-5	-5
Styrene	-1	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1	-1
Trichloroethylene	-1	-1	-1	-1	-1
Trichlorofluromethane	-1	-1	-1	-1	-1
Toluene	-1	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-5	-5	-5
Vinyl Chloride	-1	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-5	-5	-5
Quality Assurance Code	ORG	ORG	FD	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-149-3	02-108-5	03-118-34	03-118-4	04-116-18

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE G-48

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-26MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/89	02/06/89	03/06/89	04/07/89
Acetone	-10	-10	-10	-10
Acrolein	-10	-10	-20	-20
Acrylonitrile	-10	-10	-20	-20
Benzene	-1	-1	-1	-1
Bromodichloromethane	-1	-1	-1	-1
Bromoform	-1	-1	-1	-1
Bromomethane	-1	-1	-1	-1
Carbon Disulfide	-1	-1	-2	-2
Carbon Tetrachloride	-1	-1	-1	-1
Chlorobenzene	-1	-1	-1	-1
Chloroethane	-1	-1	-1	-1
2-Chloroethylvinyl ether	-1	-1	-1	-1
Chloroform	-1	-1	-1	-1
Chloromethane	-1	-1	-2	-2
Dibromochloromethane	-1	-1	-1	-1
1,2-Dichlorobenzene	-1	-1	-1	-1
1,3-Dichlorobenzene	-1	-1	-1	-1
1,4-Dichlorobenzene	-1	-1	-1	-1
1,1-Dichloroethane	-1	-1	-1	-1
1,2-Dichloroethane	-1	-1	-1	-1
1,1-Dichloroethylene	-1	-1	-1	-1
trans-1,2-Dichloroethylene	-1	-1	-1	-1
1,2-Dichloropropane	-1	-1	-1	-1
cis-1,3-Dichloropropylene	-1	-1	-1	-1
trans-1,3-Dichloropropylene	-1	-1	-1	-1
Ethylbenzene	-1	-1	-1	-1
Freon 113	-1	-1	-1	-1
2-Hexanone	-1	-1	-10	-10
Methylene Chloride	-1	-1	-1	-1
Methyl Ethyl Ketone	10	-10	-10	-10
Methyl Isobutyl Ketone	-1	-1	-5	-5
Styrene	-1	-1	-1	-1
1,1,2,2-Tetrachloroethane	-1	-1	-1	-1
Tetrachloroethylene	-1	-1	-1	-1
1,1,1-Trichloroethane	-1	-1	-1	-1
Trichloroethylene	-1	-1	-1	-1
Trichloroflurometh ane	-1	-1	-1	-1
Toluene	-1	-1	-1	-1
Vinyl Acetate	-10	-10	-5	-5
Vinyl Chloride	-1	-1	-1	-1
Total Xylene Isomers	-10	-10	-5	-5
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	01-105-2	02-108-1	03-118-5	04-157-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

HARGIS + ASSOCIATES, INC.

Appendix H

APPENDIX H

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS

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TABLE H-1

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-87

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-2

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-88

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
Acenapntnene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-3

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-89

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-4

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-90

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-5

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-91

COMPOUND (micrograms per liter)	DATE SAMPLED 01/07/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-116-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-6

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-92

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-7

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-93

COMPOUND (micrograms per liter)	DATE SAMPLED 01/11/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-8

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-94

COMPOUND (micrograms per liter)	DATE SAMPLED 01/07/88
Acenaphtnene	-10
Acenapnthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-116-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-9

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-95

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-11

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-10

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-96

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-12

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-11

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-97

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
Acenapntnene	-10
Acenaphtnylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	---
Isophorone	---
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-13

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-12

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-98

COMPOUND (micrograms per liter)	DATE SAMPLED 09/10/88	10/04/88	11/11/88
Acenaphthene	-10	-10	-10
Acenaphthylene	-10	-10	-10
Anthracene	-10	-10	-10
Benzidine	-40	-40	-40
Benzo(a)anthracene	-10	-10	-10
Benzo(a)pyrene	-10	-10	-10
3,4-Benzofluoranthene	-10	-10	-10
Benzo(ghi)perylene	-10	-10	-10
Benzo(k)fluoranthene	-10	-10	-10
Bis(2-chloromethoxy) ethane	-10	-10	-10
Bis(2-chloroethyl) ether	-10	-10	-10
Bis(2-chloroisopropyl) ether	---	---	---
Bis(2-ethylhexyl) phthalate	-10	-10	-10
4-Bromophenyl phenyl ether	-10	-10	-10
Butyl benzyl phthalate	-10	-10	-10
2-Chloronaphthalene	-10	-10	-10
4-Chlorophenyl phenyl ether	-10	-10	-10
Chrysene	-10	-10	-10
Dibenzo(a,h)anthracene	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
3,3'-Dichlorobenzidine	---	---	---
Diethyl phthalate	-10	-10	-10
Dimethyl phthalate	-25	-25	-25
Di-n-butyl phthalate	-50	-50	-50
2,4-Dinitrotoluene	-10	-10	-10
2,6-Dinitrotoluene	-10	-10	-10
Di-n-octyl phthalate	-10	-10	-10
1,2-Diphenylhydrazine	-10	-10	-10
Fluoranthene	-10	-10	-10
Fluorene	-10	-10	-10
Hexachlorobenzene	-10	-10	-10
Hexachlorobutadiene	-10	-10	-10
Hexachlorocyclopentadiene	-10	-10	-10
Hexachloroethane	-10	-10	-10
Indeno(1,2,3-cd) pyrene	-10	-10	-10
Isophorone	-10	-10	-10
Naphthalene	-10	-10	-10
Nitrobenzene	-10	-10	-10
N-Nitrosdimethylamine	-80	-80	-80
N-Nitrosdi-n-propylamine	-40	-40	-40
N-Nitrosdiphenylamine	-10	-10	-10
Phenanthrene	-10	-10	-10
Pyrene	-10	-10	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---	---	---
1,2,4-Trichlorobenzene	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-232-1	10-089-1	11-182-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-13

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-99

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Acenaphtrene	-10	-10	-10
Acenaphthylene	-10	-10	-10
Anthracene	-10	-10	-10
Benzidine	-40	-40	-40
Benzo(a)anthracene	-10	-10	-10
Benzo(a)pyrene	-10	-10	-10
3,4-Benzofluoranthene	-10	-10	-10
Benzo(ghi)perylene	-10	-10	-10
Benzo(k)fluoranthene	-10	-10	-10
Bis(2-chloromethoxy) ethane	-10	-10	-10
Bis(2-chloroethyl) ether	-10	-10	-10
Bis(2-chloroisopropyl) ether	---	---	---
Bis(2-ethylhexyl) phthalate	-10	-10	-10
4-Bromophenyl phenyl ether	-10	-10	-10
Butyl benzyl phthalate	-10	-10	-10
2-Chloronaphthalene	-10	-10	-10
4-Chlorophenyl phenyl ether	-10	-10	-10
Chrysene	-10	-10	-10
Dibenzo(a,h)anthracene	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
3,3'-Dichlorobenzidine	---	---	---
Diethyl phthalate	-10	-10	-10
Dimethyl phthalate	-25	-25	-25
Di-n-butyl phthalate	-50	-50	-50
2,4-Dinitrotoluene	-10	-10	-10
2,6-Dinitrotoluene	-10	-10	-10
Di-n-octyl phthalate	-10	-10	-10
1,2-Diphenylhydrazine	-10	-10	-10
Fluoranthene	-10	-10	-10
Fluorene	-10	-10	-10
Hexachlorobenzene	-10	-10	-10
Hexachlorobutadiene	-10	-10	-10
Hexachlorocyclopentadiene	-10	-10	-10
Hexachloroethane	-10	-10	-10
Indeno(1,2,3-cd) pyrene	-10	-10	-10
Isophorone	-10	-10	-10
Naphthalene	-10	-10	-10
Nitrobenzene	-10	-10	-10
N-Nitrosdimethylamine	-80	-80	-80
N-Nitrosdi-n-propylamine	-40	-40	-40
N-Nitrosdiphenylamine	-10	-10	-10
Phenanthrene	-10	-10	-10
Pyrene	-10	-10	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---	---	---
1,2,4-Trichlorobenzene	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-232-2	10-089-2	11-182-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-14

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-110

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Acenaphthene	-10	-10	-10
Acenaphthylene	-10	-10	-10
Anthracene	-10	-10	-10
Benzidine	-40	-40	-40
Benzo(a)anthracene	-10	-10	-10
Benzo(a)pyrene	-10	-10	-10
3,4-Benzofluoranthene	-10	-10	-10
Benzo(ghi)perylene	-10	-10	-10
Benzo(k)fluoranthene	-10	-10	-10
Bis(2-chloromethoxy) ethane	-10	-10	-10
Bis(2-chloroethyl) ether	-10	-10	-10
Bis(2-chloroisopropyl) ether	---	---	---
Bis(2-ethylhexyl) phthalate	-10	-10	-10
4-Bromophenyl phenyl ether	-10	-10	-10
Butyl benzyl phthalate	-10	-10	-10
2-Chloronaphthalene	-10	-10	-10
4-Chlorophenyl phenyl ether	-10	-10	-10
Chrysene	-10	-10	-10
Dibenzo(a,h)anthracene	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
3,3'-Dichlorobenzidine	---	---	---
Diethyl phthalate	-10	-10	-10
Dimethyl phthalate	-25	-25	-25
Di-n-butyl phthalate	-50	-50	-50
2,4-Dinitrotoluene	-10	-10	-10
2,6-Dinitrotoluene	-10	-10	-10
Di-n-octyl phthalate	-10	-10	-10
1,2-Diphenylhydrazine	-10	-10	-10
Fluoranthene	-10	-10	-10
Fluorene	-10	-10	-10
Hexachlorobenzene	-10	-10	-10
Hexachlorobutadiene	-10	-10	-10
Hexachlorocyclopentadiene	-10	-10	-10
Hexachloroethane	-10	-10	-10
Indeno(1,2,3-cd) pyrene	-10	-10	-10
Isophorone	-10	-10	-10
Naphthalene	-10	-10	-10
Nitrobenzene	-10	-10	-10
N-Nitrosdimethylamine	-80	-80	-80
N-Nitrosdi-n-propylamine	-40	-40	-40
N-Nitrosdiphenylamine	-10	-10	-10
Phenanthrene	-10	-10	-10
Pyrene	-10	-10	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---	---	---
1,2,4-Trichlorobenzene	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-200-1	10-089-6	11-182-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-15

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-111

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Acenaphthene	-10	-10	-10
Acenaphthylene	-10	-10	-10
Anthracene	-10	-10	-10
Benzidine	-40	-40	-40
Benzo(a)anthracene	-10	-10	-10
Benzo(a)pyrene	-10	-10	-10
3,4-Benzofluoranthene	-10	-10	-10
Benzo(ghi)perylene	-10	-10	-10
Benzo(k)fluoranthene	-10	-10	-10
Bis(2-chloromethoxy) ethane	-10	-10	-10
Bis(2-chloroethyl) ether	-10	-10	-10
Bis(2-chloroisopropyl) ether	---	---	---
Bis(2-ethylhexyl) phthalate	-10	-10	-10
4-Bromophenyl phenyl ether	-10	-10	-10
Butyl benzyl phthalate	-10	-10	-10
2-Chloronaphthalene	-10	-10	-10
4-Chlorophenyl phenyl ether	-10	-10	-10
Chrysene	-10	-10	-10
Dibenzo(a,h)anthracene	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
3,3'-Dichlorobenzidine	---	---	---
Diethyl phthalate	-10	-10	-10
Dimethyl phthalate	-25	-25	-25
Di-n-butyl phthalate	-50	-50	-50
2,4-Dinitrotoluene	-10	-10	-10
2,6-Dinitrotoluene	-10	-10	-10
Di-n-octyl phthalate	-10	-10	-10
1,2-Diphenylhydrazine	-10	-10	-10
Fluoranthene	-10	-10	-10
Fluorene	-10	-10	-10
Hexachlorobenzene	-10	-10	-10
Hexachlorobutadiene	-10	-10	-10
Hexachlorocyclopentadiene	-10	-10	-10
Hexachloroethane	-10	-10	-10
Indeno(1,2,3-cd) pyrene	-10	-10	-10
Isophorone	-10	-10	-10
Naphthalene	-10	-10	-10
Nitrobenzene	-10	-10	-10
N-Nitrosodimethylamine	-80	-80	-80
N-Nitrosodi-n-propylamine	-40	-40	-40
N-Nitrosodiphenylamine	-10	-10	-10
Phenanthrene	-10	-10	-10
Pyrene	-10	-10	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---	---	---
1,2,4-Trichlorobenzene	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-200-2	10-089-5	11-182-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-16

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-112

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Acenaphthene	-10	-10	-10
Acenaphthylene	-10	-10	-10
Anthracene	-10	-10	-10
Benzidine	-40	-40	-40
Benzo(a)anthracene	-10	-10	-10
Benzo(a)pyrene	-10	-10	-10
3,4-Benzofluoranthene	-10	-10	-10
Benzo(ghi)perylene	-10	-10	-10
Benzo(k)fluoranthene	-10	-10	-10
Bis(2-chloromethoxy) ethane	-10	-10	-10
Bis(2-chloroethyl) ether	-10	-10	-10
Bis(2-chloroisopropyl) ether	---	---	---
Bis(2-ethylhexyl) phthalate	-10	-10	-10
4-Bromophenyl phenyl ether	-10	-10	-10
Butyl benzyl phthalate	-10	-10	-10
2-Chloronaphthalene	-10	-10	-10
4-Chlorophenyl phenyl ether	-10	-10	-10
Chrysene	-10	-10	-10
Dibenzo(a,h)anthracene	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
3,3'-Dichlorobenzidine	---	---	---
Diethyl phthalate	-10	-10	-10
Dimethyl phthalate	-25	-25	-25
Di-n-butyl phthalate	-50	-50	-50
2,4-Dinitrotoluene	-10	-10	-10
2,6-Dinitrotoluene	-10	-10	-10
Di-n-octyl phthalate	-10	-10	-10
1,2-Diphenylhydrazine	-10	-10	-10
Fluoranthene	-10	-10	-10
Fluorene	-10	-10	-10
Hexachlorobenzene	-10	-10	-10
Hexachlorobutadiene	-10	-10	-10
Hexachlorocyclopentadiene	-10	-10	-10
Hexachloroethane	-10	-10	-10
Indeno(1,2,3-cd) pyrene	-10	-10	-10
Isophorone	-10	-10	-10
Naphthalene	-10	-10	-10
Nitrobenzene	-10	-10	-10
N-Nitrosdimethylamine	-80	-80	-80
N-Nitrosdi-n-propylamine	-40	-40	-40
N-Nitrosdiphenylamine	-10	-10	-10
Phenanthrene	-10	-10	-10
Pyrene	-10	-10	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---	---	---
1,2,4-Trichlorobenzene	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-200-3	10-089-3	11-182-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-17

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-113

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Acenaphthene	-10	-10	-10
Acenaphthylene	-10	-10	-10
Anthracene	-10	-10	-10
Benzidine	-40	-40	-40
Benzo(a)anthracene	-10	-10	-10
Benzo(a)pyrene	-10	-10	-10
3,4-Benzofluoranthene	-10	-10	-10
Benzo(ghi)perylene	-10	-10	-10
Benzo(k)fluoranthene	-10	-10	-10
Bis(2-chloromethoxy) ethane	-10	-10	-10
Bis(2-chloroethyl) ether	-10	-10	-10
Bis(2-chloroisopropyl) ether	---	---	---
Bis(2-ethylhexyl) phthalate	-10	-10	-10
4-Bromophenyl phenyl ether	-10	-10	-10
Butyl benzyl phthalate	-10	-10	-10
2-Chloronaphthalene	-10	-10	-10
4-Chlorophenyl phenyl ether	-10	-10	-10
Chrysene	-10	-10	-10
Dibenzo(a,h)anthracene	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
3,3'-Dichlorobenzidine	---	---	---
Diethyl phthalate	-10	-10	-10
Dimethyl phthalate	-25	-25	-25
Di-n-butyl phthalate	-50	-50	-50
2,4-Dinitrotoluene	-10	-10	-10
2,6-Dinitrotoluene	-10	-10	-10
Di-n-octyl phthalate	-10	-10	-10
1,2-Diphenylhydrazine	-10	-10	-10
Fluoranthene	-10	-10	-10
Fluorene	-10	-10	-10
Hexachlorobenzene	-10	-10	-10
Hexachlorobutadiene	-10	-10	-10
Hexachlorocyclopentadiene	-10	-10	-10
Hexachloroethane	-10	-10	-10
Indeno(1,2,3-cd) pyrene	-10	-10	-10
Isophorone	-10	-10	-10
Naphthalene	-10	-10	-10
Nitrobenzene	-10	-10	-10
N-Nitrosdimethylamine	-80	-80	-80
N-Nitrosdi-n-propylamine	-40	-40	-40
N-Nitrosdiphenylamine	-10	-10	-10
Phenanthrene	-10	-10	-10
Pyrene	-10	-10	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---	---	---
1,2,4-Trichlorobenzene	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-200-4	10-089-4	11-182-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-18

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-114

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-30
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-19

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-115

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-20

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-116

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenapnthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE H-21

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-117

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE H-22

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-118

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-23

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-119

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	---
Benzo(a)pyrene	---
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-24

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-120

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE H-25

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-121

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-26

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-122

COMPOUND (micrograms per liter)	DATE SAMPLED 04/06/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-27

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-123

COMPOUND (micrograms per liter)	DATE SAMPLED 04/07/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-137-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE H-28

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-124

COMPOUND (micrograms per liter)	DATE SAMPLED 04/06/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-11

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-29

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-125

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
Acenaphtnene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE H-30

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-126

COMPOUND (micrograms per liter)	DATE SAMPLED 04/07/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	C4-137-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-31

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-127

COMPOUND (micrograms per liter)	DATE SAMPLED 04/07/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-137-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-32

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-08US

COMPOUND (micrograms per liter)	DATE SAMPLED 07/11/87	08/06/87	09/02/87
Acenaphthene	-10	-10	-10
Acenaphthylene	-10	-10	-10
Anthracene	-10	-10	-10
Benzidine	-40	-40	-40
Benzo(a)anthracene	-10	-10	-10
Benzo(a)pyrene	-10	-10	-10
3,4-Benzofluoranthene	-10	-10	-10
Benzo(ghi)perylene	-10	-10	-10
Benzo(k)fluoranthene	-10	-10	-10
Bis(2-chloromethoxy) ethane	-10	-10	-10
Bis(2-chloroethyl) ether	-10	-10	-10
Bis(2-chloroisopropyl) ether	---	---	---
Bis(2-ethylhexyl) phthalate	-10	-10	-10
4-Bromophenyl phenyl ether	-10	-10	-10
Butyl benzyl phthalate	-10	-10	-10
2-Chloronaphthalene	-10	-10	-10
4-Chlorophenyl phenyl ether	-10	-10	-10
Chrysene	-10	-10	-10
Dibenzo(a,h)anthracene	-10	-10	-10
1,2-Dichlorobenzene	-10	-10	-10
1,3-Dichlorobenzene	-10	-10	-10
1,4-Dichlorobenzene	-10	-10	-10
3,3'-Dichlorobenzidine	-10	-10	-10
Diethyl phthalate	-10	-10	-10
Dimethyl phthalate	-25	-25	-25
Di-n-butyl phthalate	-50	-50	-50
2,4-Dinitrotoluene	---	-10	-10
2,6-Dinitrotoluene	-10	-10	-10
Di-n-octyl phthalate	-10	-10	-10
1,2-Diphenylhydrazine	---	-10	-10
Fluoranthene	-10	-10	-10
Fluorene	-10	-10	-10
Hexachlorobenzene	-10	-10	-10
Hexachlorobutadiene	-10	-10	-10
Hexachlorocyclopentadiene	-10	-10	-10
Hexachloroethane	-10	-10	-10
Indeno(1,2,3-cd) pyrene	-10	-10	-10
Isophorone	-10	-10	-10
Naphthalene	-10	-10	-10
Nitrobenzene	-10	-10	-10
N-Nitrosdimethylamine	-80	-80	-80
N-Nitrosdi-n-propylamine	-40	-40	-40
N-Nitrosdiphenylamine	-10	-10	-10
Phenanthrene	-10	-10	-10
Pyrene	-10	-10	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---	---	---
1,2,4-Trichlorobenzene	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	07-205-4	08-114-4	09-092-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-33

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-09US

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
Acenaphtnene	-10
Acenapntnylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluorantnene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE H-34

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-12UN

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroetnyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl pnenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	09-232-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-35

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-15UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-36

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-15US

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosodimethylamine	-80
N-Nitrosodi-n-propylamine	-40
N-Nitrosodiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-37

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-16US

COMPOUND (micrograms per liter)	DATE SAMPLED 01/11/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original ; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-38

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-18US

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	11/11/88
Acenaphthene	-10	-10
Acenaphthylene	-10	-10
Anthracene	-10	-10
Benzidine	-40	-40
Benzo(a)anthracene	-10	-10
Benzo(a)pyrene	-10	-10
3,4-Benzofluoranthene	-10	-10
Benzo(ghi)perylene	-10	-10
Benzo(k)fluoranthene	-10	-10
Bis(2-chloromethoxy) ethane	-10	-10
Bis(2-chloroethyl) ether	-10	-10
Bis(2-chloroisopropyl) ether	---	---
Bis(2-ethylhexyl) phthalate	-10	-10
4-Bromophenyl phenyl ether	-10	-10
Butyl benzyl phthalate	-10	-10
2-Chloronaphthalene	-10	-10
4-Chlorophenyl phenyl ether	-10	-10
Chrysene	-10	-10
Dibenzo(a,h)anthracene	-10	-10
1,2-Dichlorobenzene	-10	-10
1,3-Dichlorobenzene	-10	-10
1,4-Dichlorobenzene	-10	-10
3,3'-Dichlorobenzidine	---	---
Diethyl phthalate	-10	-10
Dimethyl phthalate	-25	-25
Di-n-butyl phthalate	-50	-50
2,4-Dinitrotoluene	-10	-10
2,6-Dinitrotoluene	-10	-10
Di-n-octyl phthalate	-10	-10
1,2-Diphenylhydrazine	-10	-10
Fluoranthene	-10	-10
Fluorene	-10	-10
Hexachlorobenzene	-10	-10
Hexachlorobutadiene	-10	-10
Hexachlorocyclopentadiene	-10	-10
Hexachloroethane	-10	-10
Indeno(1,2,3-cd) pyrene	-10	-10
Isophorone	-10	-10
Naphthalene	-10	-10
Nitrobenzene	-10	-10
N-Nitrosdimethylamine	-80	-80
N-Nitrosdi-n-propylamine	-40	-40
N-Nitrosdiphenylamine	-10	-10
Phenanthrene	-10	-10
Pyrene	-10	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---	---
1,2,4-Trichlorobenzene	-10	-10
Quality Assurance Code	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-232-4	11-182-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-39

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-22MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 01/06/88
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	-10
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-116-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-40

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-24MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 03/05/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-41

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-24UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 03/05/89
Acenaphtrene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-42

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-25MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 03/06/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-43

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-25UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 03/06/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	-40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosodimethylamine	-80
N-Nitrosodi-n-propylamine	-40
N-Nitrosodiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE H-44

RESULTS OF ANALYSES FOR BASE/NEUTRAL ORGANIC COMPOUNDS IN WAT R SAMPLES COLLECTED FROM P-26MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 03/06/89
Acenaphthene	-10
Acenaphthylene	-10
Anthracene	-10
Benzidine	40
Benzo(a)anthracene	-10
Benzo(a)pyrene	-10
3,4-Benzofluoranthene	-10
Benzo(ghi)perylene	-10
Benzo(k)fluoranthene	-10
Bis(2-chloromethoxy) ethane	-10
Bis(2-chloroethyl) ether	-10
Bis(2-chloroisopropyl) ether	---
Bis(2-ethylhexyl) phthalate	-10
4-Bromophenyl phenyl ether	-10
Butyl benzyl phthalate	-10
2-Chloronaphthalene	-10
4-Chlorophenyl phenyl ether	-10
Chrysene	-10
Dibenzo(a,h)anthracene	-10
1,2-Dichlorobenzene	-10
1,3-Dichlorobenzene	-10
1,4-Dichlorobenzene	-10
3,3'-Dichlorobenzidine	---
Diethyl phthalate	-10
Dimethyl phthalate	-25
Di-n-butyl phthalate	-50
2,4-Dinitrotoluene	-10
2,6-Dinitrotoluene	-10
Di-n-octyl phthalate	-10
1,2-Diphenylhydrazine	-10
Fluoranthene	-10
Fluorene	-10
Hexachlorobenzene	-10
Hexachlorobutadiene	-10
Hexachlorocyclopentadiene	-10
Hexachloroethane	-10
Indeno(1,2,3-cd) pyrene	-10
Isophorone	-10
Naphthalene	-10
Nitrobenzene	-10
N-Nitrosdimethylamine	-80
N-Nitrosdi-n-propylamine	-40
N-Nitrosdiphenylamine	-10
Phenanthrene	-10
Pyrene	-10
2,3,7,8-Tetrachlorodibenzo-p-dioxin	---
1,2,4-Trichlorobenzene	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

Appendix I

APPENDIX I

RESULTS OF ANALYSES FOR ACID ORGANIC COMPOUNDS

APPENDIX I

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TABLE I-1

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-87

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-2

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-88

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-3

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-89

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-4

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-90

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-5

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-91

COMPOUND (micrograms per liter)	DATE SAMPLED 01/07/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-116-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-6

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-92

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-7

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-93

COMPOUND (micrograms per liter)	DATE SAMPLED 01/11/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-8

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-94

COMPOUND (micrograms per liter)	DATE SAMPLED 01/07/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-116-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-9

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-95

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-11

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-10

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-96

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-12

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-11

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-97

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-13

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-13

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-99

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
2-Chlorophenol	-10	-10	-10
2,4-Dichlorophenol	-10	-10	-10
2,4-Dimethylphenol	-10	-10	-10
2-Methyl-4,6-dinitrophenol	-50	-50	-50
2,4-Dinitrophenol	-25	-25	-25
2-Nitrophenol	-10	-10	-10
4-Nitrophenol	-25	-25	-25
p-Chloro-m-cresol	-10	-10	-10
Pentachlorophenol	-10	-10	-10
Phenol	-10	-10	-10
2,4,6-Trichlorophenol	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-232-2	10-089-2	11-182-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-14

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-110

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
2-Chlorophenol	-10	-10	-10
2,4-Dichlorophenol	-10	-10	-10
2,4-Dimethylphenol	-10	-10	-10
2-Methyl-4,6-dinitrophenol	-50	-50	-50
2,4-Dinitrophenol	-25	-25	-25
2-Nitrophenol	-10	-10	-10
4-Nitrophenol	-25	-25	-25
p-Chloro-m-cresol	-10	-10	-10
Pentachlorophenol	-10	-10	-10
Phenol	-10	-10	-10
2,4,6-Trichlorophenol	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-200-1	10-089-6	11-182-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-15

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-111

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
2-Chlorophenol	-10	-10	-10
2,4-Dichlorophenol	-10	-10	-10
2,4-Dimethylphenol	-10	-10	-10
2-Methyl-4,6-dinitrophenol	-50	-50	-50
2,4-Dinitrophenol	-25	-25	-25
2-Nitrophenol	-10	-10	-10
4-Nitrophenol	-25	-25	-25
p-Chloro-m-cresol	-10	-10	-10
Pentachlorophenol	-10	-10	-10
Phenol	-10	-10	-10
2,4,6-Trichlorophenol	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-200-2	10-089-5	11-182-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-16

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-112

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
2-Chlorophenol	-10	-10	-10
2,4-Dichlorophenol	-10	-10	-10
2,4-Dimethylphenol	-10	-10	-10
2-Methyl-4,6-dinitrophenol	-50	-50	-50
2,4-Dinitrophenol	-25	-25	-25
2-Nitrophenol	-10	-10	-10
4-Nitrophenol	-25	-25	-25
p-Chloro-m-cresol	-10	-10	-10
Pentachlorophenol	-10	-10	-10
Phenol	-10	-10	-10
2,4,6-Trichlorophenol	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-200-3	10-089-3	11-182-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE I-17

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-113

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
2-Chlorophenol	-10	-10	-10
2,4-Dichlorophenol	-10	-10	-10
2,4-Dimethylphenol	-10	-10	-10
2-Methyl-4,6-dinitrophenol	-50	-50	-50
2,4-Dinitrophenol	-25	-25	-25
2-Nitrophenol	-10	-10	-10
4-Nitrophenol	-25	-25	-25
p-Chloro-m-cresol	-10	-10	-10
Pentachlorophenol	-10	-10	-10
Phenol	-10	-10	-10
2,4,6-Trichlorophenol	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-200-4	10-089-4	11-182-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-18

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-114

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-[illegible]
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-19

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-115

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-20

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-116

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2 Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2 Nitrophenol	-10
4 Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-21

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-117

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-22

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-118

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE I-23

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-119

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2 Nitrophenol	-10
4 Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-24

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-120

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-25

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-121

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-26

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-122

COMPOUND (micrograms per liter)	DATE SAMPLED 04/06/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-27

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-123

COMPOUND (micrograms per liter)	DATE SAMPLED 04/07/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-137-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split

TABLE I-28

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-124

COMPOUND (micrograms per liter)	DATE SAMPLED 04/06/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6 dinitrophenol	-50
2,4-Dinitrophenol	25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-11

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-29

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-125

COMPOUND (micrograms per liter)	DATE SAMPLED 04/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-116-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

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TABLE I-30

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-126

COMPOUND (micrograms per liter)	DATE SAMPLED 04/07/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-137-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-31

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM HM-127

COMPOUND (micrograms per liter)	DATE SAMPLED 04/07/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	04-137-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-32

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-08US

COMPOUND (micrograms per liter)	DATE SAMPLED 07/11/87	08/06/87	09/02/87
2-Chlorophenol	-10	-10	-10
2,4-Dichlorophenol	-10	-10	-10
2,4-Dimethylphenol	-10	-10	-10
2-Methyl-4,6-dinitrophenol	-10	-10	10
2,4-Dinitrophenol	-10	-10	-10
2-Nitrophenol	-10	-10	-10
4-Nitrophenol	-10	-10	-10
p-Chloro-m-cresol	-10	-10	-10
Pentachlorophenol	-10	-10	-10
Phenol	-10	-10	-10
2,4,6-Trichlorophenol	-10	-10	-10
Quality Assurance Code	ORG	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	07-205-4	08-114-4	09-092-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-33

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-09US

COMPOUND (micrograms per liter)	DATE SAMPLED 01/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-34

ACID ORGANIC COMPOUNDS IN WATER SAMPLES
COLLECTED FROM P-12UN

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	09-232-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-35

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-15UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-36

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-15US

COMPOUND (micrograms per liter)	DATE SAMPLED 01/10/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	10
2,4-Dinitrophenol	-10
2-Nitrophenol	10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split

TABLE I-37

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-16US

COMPOUND (micrograms per liter)	DATE SAMPLED 01/11/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2 Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-171-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE 1-38

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-18US

COMPOUND (micrograms per liter)	DATE SAMPLED 09/09/88	11/11/88
2-Chlorophenol	-10	-10
2,4-Dichlorophenol	-10	-10
2,4-Dimethylphenol	-10	-10
2-Methyl-4,6-dinitrophenol	-50	-50
2,4-Dinitrophenol	-25	-25
2-Nitrophenol	-10	-10
4-Nitrophenol	-25	-25
p-Chloro-m-cresol	-10	-10
Pentachlorophenol	-10	-10
Phenol	-10	-10
2,4,6-Trichlorophenol	-10	-10
Quality Assurance Code	ORG	ORG
Laboratory	Brown & Caldwell	Brown & Caldwell
Laboratory ID #	09-232-4	11-182-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-39

ACID ORGANIC COMPOUNDS IN WATER SAMPLES
COLLECTED FROM P-22MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 01/06/88
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-10
2,4-Dinitrophenol	-10
2-Nitrophenol	-10
4-Nitrophenol	-10
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	01-116-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-40

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-24MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 03/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-41

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-24UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 03/05/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2 Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2 Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-42

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-25MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 03/06/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-43

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-25UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED 03/06/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

TABLE I-44

ACID ORGANIC COMPOUNDS IN WATER SAMPLES COLLECTED FROM P-26MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED 03/06/89
2-Chlorophenol	-10
2,4-Dichlorophenol	-10
2,4-Dimethylphenol	-10
2-Methyl-4,6-dinitrophenol	-50
2,4-Dinitrophenol	-25
2-Nitrophenol	-10
4-Nitrophenol	-25
p-Chloro-m-cresol	-10
Pentachlorophenol	-10
Phenol	-10
2,4,6-Trichlorophenol	-10
Quality Assurance Code	ORG
Laboratory	Brown & Caldwell
Laboratory ID #	03-118-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split

Appendix J

APPENDIX J

RESULTS OF ANALYSES FOR TRACE METALS

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TABLE J-1

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-87

COMPOUND (milligrams per liter)	DATE SAMPLED 11/07/87	01/09/88	10/06/88	01/08/89	04/10/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	-0.100	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	0.050	---	---	---
Lead	---	-0.010	---	---	---
Manganese	---	-0.010	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	-0.010	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	0.030	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21634-1	283-7	7599-6	213-6	2663-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-2

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-88

COMPOUND (milligrams per liter)	DATE SAMPLED 11/07/87	01/09/88	10/06/88	01/08/89	04/10/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	-0.100	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	0.140	0.150	0.090	0.100	0.093
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	-0.050	---	---	---
Lead	---	-0.010	---	---	---
Manganese	---	-0.010	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	-0.010	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	-0.010	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21634-2	283-8	7599-5	213-7	2662-12

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-3

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-89

COMPOUND (milligrams per liter)	DATE SAMPLED 11/08/87	01/09/88	10/06/88	01/08/89	04/09/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	0.190	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	0.020	0.020	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	-0.050	---	---	---
Lead	---	-0.010	---	---	---
Manganese	---	0.310	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	-0.010	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	0.190	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21634-3	283-9	7599-7	213-5	2662-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-4

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-90

COMPOUND (milligrams per liter)	DATE SAMPLED 11/05/87	01/09/88	10/06/88	01/10/89	04/09/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	0.130	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	-0.010	0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	-0.050	---	---	---
Lead	---	-0.010	---	---	---
Manganese	---	-0.010	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	-0.010	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	-0.010	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21603-1	283-10	7558-3	261-1	2663-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-5

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-91

COMPOUND (milligrams per liter)	DATE SAMPLED 11/07/87	01/07/88	10/05/88	01/08/89	04/09/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	0.120	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	0.020	0.020	0.020	0.040	0.027
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	-0.050	---	---	---
Lead	---	-0.010	---	---	---
Manganese	---	-0.010	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	0.310	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	0.280	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21634-4	204-2	7558-1	213-4	2662-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-6

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-92

COMPOUND (milligrams per liter)	DATE SAMPLED 11/05/87	01/10/88	10/05/88	01/08/89	04/10/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	0.120	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	-0.050	---	---	---
Lead	---	-0.010	---	---	---
Manganese	---	-0.010	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	-0.010	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	0.030	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21603-2	283-11	7527-16	213-8	2662-11

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-7

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-93

COMPOUND (milligrams per liter)	DATE SAMPLED 11/07/87	01/11/88	10/12/88	01/08/89	04/08/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	-0.100	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	-0.050	---	---	---
Lead	---	-0.010	---	---	---
Manganese	---	0.040	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	-0.010	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	0.020	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21634-5	283-12	7733-7	212-1	2663-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-8

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-94

COMPOUND (milligrams per liter)	DATE SAMPLED 11/07/87	01/07/88	11/11/88	01/10/89	04/09/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	0.120	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	0.120	0.250	0.320	0.320	0.329
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	-0.050	---	---	---
Lead	---	-0.010	---	---	---
Manganese	---	-0.010	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	0.380	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	0.170	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21634-6	204-3	8524-7	261-2	2662-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-9

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-95

COMPOUND (milligrams per liter)	DATE SAMPLED 11/07/87	01/09/88	08/17/88	10/04/88	01/05/89	04/10/89
Antimony	---	-0.100	---	---	---	---
Arsenic	---	-0.010	---	---	---	---
Barium	---	-0.100	---	---	---	---
Beryllium	---	-0.010	---	---	---	---
Cadmium	---	-0.005	---	---	---	---
Chromium (total)	0.050	0.060	0.050	0.060	0.060	0.053
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	--	-0.010	---	---	---	---
Cyanide	---	-0.02	---	---	---	---
Iron	---	-0.050	---	---	---	---
Lead	---	-0.010	---	---	---	---
Manganese	---	-0.010	---	---	---	---
Mercury	---	-0.0002	---	---	---	---
Molybdenum	---	-0.100	---	---	---	---
Nickel	---	-0.050	---	---	---	---
Selenium	---	-0.005	---	---	---	---
Silver	---	-0.010	---	---	---	---
Strontium	---	-0.010	---	---	---	---
Thallium	---	-0.100	---	---	---	---
Zinc	---	-0.010	---	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	21634-7	283-13	6201-1	7527-10	164-6	2758-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-10

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-96

COMPOUND (milligrams per liter)	DATE SAMPLED 11/05/87	01/09/88	08/17/88	10/04/88	01/05/89	04/10/89
Antimony	---	-0.100	---	---	---	---
Arsenic	---	-0.010	---	---	---	---
Barium	---	0.210	---	---	---	---
Beryllium	---	-0.010	---	---	---	---
Cadmium	---	-0.005	---	---	---	---
Chromium (total)	0.150	0.170	0.170	0.170	0.170	0.176
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	---	---	---	---
Cyanide	---	-0.02	---	---	---	---
Iron	---	-0.050	---	---	---	---
Lead	---	-0.010	---	---	---	---
Manganese	---	0.030	---	---	---	---
Mercury	---	0.0003	---	---	---	---
Molybdenum	---	-0.100	---	---	---	---
Nickel	---	-0.050	---	---	---	---
Selenium	---	-0.005	---	---	---	---
Silver	---	-0.010	---	---	---	---
Strontium	---	-0.010	---	---	---	---
Thallium	---	-0.100	---	---	---	---
Zinc	---	-0.010	---	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	21603-3	283-14	6201-2	7527-9	164-3	2663-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-11

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-97

COMPOUND (milligrams per liter)	DATE SAMPLED 11/05/87	01/09/88	08/17/88	10/04/88	01/05/89	04/07/89
Antimony	---	-0.100	---	---	---	---
Arsenic	---	-0.010	---	---	---	---
Barium	---	0.180	---	---	---	---
Beryllium	---	-0.010	---	---	---	---
Cadmium	---	-0.005	---	---	---	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	---	---	---	---
Cyanide	---	-0.02	---	---	---	---
Iron	---	-0.050	---	---	---	---
Lead	---	-0.010	---	---	---	---
Manganese	---	-0.010	---	---	---	---
Mercury	---	0.0003	---	---	---	---
Molybdenum	---	-0.100	---	---	---	---
Nickel	---	-0.050	---	---	---	---
Selenium	---	-0.005	---	---	---	---
Silver	---	-0.010	---	---	---	---
Strontium	---	-0.010	---	---	---	---
Thallium	---	-0.100	---	---	---	---
Zinc	---	0.010	---	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	21603-4	283-15	6201-3	7527-8	164-2	2662-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-12

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-98

COMPOUND (milligrams per liter)	DATE SAMPLED 08/17/88	09/10/88	10/04/88	11/11/88	01/05/89	04/07/89
Antimony	---	-0.100	-0.100	-0.100	---	---
Arsenic	---	-0.010	-0.010	-0.010	---	---
Barium	---	0.170	0.180	0.170	---	---
Beryllium	---	-0.010	-0.010	-0.010	---	---
Cadmium	---	-0.005	-0.005	-0.005	---	---
Chromium (total)	0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	0.010	-0.010	---	---
Cyanide	---	-0.02	-0.02	-0.02	---	---
Iron	---	-0.050	-0.050	-0.050	---	---
Lead	---	-0.010	-0.010	-0.010	---	---
Manganese	---	0.110	0.040	0.210	---	---
Mercury	---	-0.0002	-0.0002	-0.0002	---	---
Molybdenum	---	-0.100	-0.100	-0.100	---	---
Nickel	---	-0.050	-0.050	-0.050	---	---
Selenium	---	-0.005	-0.005	-0.005	---	---
Silver	---	-0.010	-0.010	-0.010	---	---
Strontium	---	0.400	-0.400	0.370	---	---
Thallium	---	-0.100	-0.100	-0.100	---	---
Zinc	---	0.020	0.020	0.010	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	6201-4	6848-1	7527-1	8524-1	164-1	2644-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-13

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-99

COMPOUND (milligrams per liter)	DATE SAMPLED 08/17/88	09/09/88	10/04/88	11/11/88	01/05/89	04/10/89
Antimony	---	-0.100	-0.100	-0.100	---	---
Arsenic	---	-0.010	-0.010	-0.010	---	---
Barium	---	0.140	0.140	0.130	---	---
Beryllium	---	-0.010	-0.010	-0.010	---	---
Cadmium	---	-0.005	-0.005	-0.005	---	---
Chromium (total)	0.030	0.030	0.020	0.030	0.020	0.024
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	-0.010	-0.010	---	---
Cyanide	---	-0.02	-0.02	-0.02	---	---
Iron	---	-0.050	-0.050	-0.050	---	---
Lead	---	-0.010	-0.010	-0.010	---	---
Manganese	---	-0.010	-0.010	-0.010	---	---
Mercury	---	-0.0002	-0.0002	-0.0002	---	---
Molybdenum	---	-0.100	-0.100	-0.100	---	---
Nickel	---	-0.050	-0.050	-0.050	---	---
Selenium	---	-0.005	-0.005	-0.005	---	---
Silver	---	-0.010	-0.010	-0.010	---	---
Strontium	---	0.310	0.280	0.280	---	---
Thallium	---	-0.100	-0.100	-0.100	---	---
Zinc	---	-0.010	-0.010	-0.010	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	6201-5	6848-2	7527-2	8524-2	164-4	2758-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-14

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-110

COMPOUND (milligrams per liter)	DATE SAMPLED 08/16/88	09/09/88	10/04/88	11/11/88	01/06/89	04/10/89
Antimony	---	-0.100	-0.100	-0.100	---	---
Arsenic	---	-0.010	-0.010	-0.010	---	---
Barium	---	-0.100	-0.100	-0.100	---	---
Beryllium	--	-0.010	-0.010	-0.010	---	---
Cadmium	---	-0.005	-0.005	-0.005	---	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	-0.010	-0.010	---	---
Cyanide	---	-0.02	-0.02	-0.02	---	---
Iron	--	-0.050	-0.050	-0.050	---	---
Lead	---	-0.010	-0.010	-0.010	---	---
Manganese	---	-0.010	-0.010	-0.010	---	---
Mercury	---	-0.0002	-0.0002	-0.0002	---	---
Molybdenum	---	-0.100	-0.100	-0.100	---	---
Nickel	---	-0.050	-0.050	-0.050	---	---
Selenium	---	-0.005	-0.005	-0.005	---	---
Silver	---	-0.010	-0.010	-0.010	---	---
Strontium	---	0.360	0.350	0.350	---	---
Thallium	---	-0.100	-0.100	-0.100	---	---
Zinc	---	0.010	0.020	0.040	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	6201-6	6826-1	7527-6	8524-8	164-9	2758-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE J-15

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-111

COMPOUND (milligrams per liter)	DATE SAMPLED 08/16/88	09/09/88	10/04/88	11/11/88	01/05/89	04/10/89
Antimony	---	-0.100	-0.100	-0.100	---	---
Arsenic	---	-0.010	-0.010	-0.010	---	---
Barium	---	-0.100	-0.100	-0.100	---	---
Beryllium	---	-0.010	-0.010	-0.010	---	---
Cadmium	---	-0.005	-0.005	-0.005	---	---
Chromium (total)	0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	-0.010	-0.010	---	---
Cyanide	---	-0.02	-0.02	-0.02	---	---
Iron	---	-0.050	-0.050	-0.050	---	---
Lead	---	-0.010	-0.010	-0.010	---	---
Manganese	---	0.020	0.010	-0.010	---	---
Mercury	---	-0.0002	-0.0002	-0.0002	---	---
Molybdenum	---	-0.100	-0.100	-0.100	---	---
Nickel	---	-0.050	-0.050	-0.050	---	---
Selenium	---	-0.005	-0.005	-0.005	---	---
Silver	---	-0.010	-0.010	-0.010	---	---
Strontium	---	0.340	0.320	0.350	---	---
Thallium	---	-0.100	-0.100	-0.100	---	---
Zinc	---	1.200	0.290	0.370	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	6201-7	6826-2	7527-5	8524-4	164-7	2758-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-16

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-112

COMPOUND (milligrams per liter)	DATE SAMPLED 08/16/88	09/09/88	10/04/88	11/11/88	01/06/89	04/10/89
Antimony	---	-0.100	-0.100	-0.100	---	---
Arsenic	---	-0.010	-0.010	-0.010	---	---
Barium	---	-0.100	-0.100	0.120	---	---
Beryllium	---	-0.010	-0.010	-0.010	---	---
Cadmium	---	-0.005	-0.005	0.031	---	---
Chromium (total)	0.040	0.030	0.040	0.040	0.040	0.038
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	-0.010	0.030	---	---
Cyanide	---	-0.02	0.02	-0.02	---	---
Iron	---	-0.050	-0.050	-0.050	---	---
Lead	---	-0.010	-0.010	-0.010	---	---
Manganese	---	-0.010	-0.010	0.030	---	---
Mercury	---	-0.0002	-0.0002	-0.0002	---	---
Molybdenum	---	-0.100	-0.100	-0.100	---	---
Nickel	---	-0.050	-0.050	-0.050	---	---
Selenium	---	-0.005	-0.005	-0.005	---	---
Silver	---	-0.010	-0.010	-0.010	---	---
Strontium	---	0.410	0.440	0.450	---	---
Thallium	---	-0.100	-0.100	-0.100	---	---
Zinc	---	1.700	0.090	0.480	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	6201-8	6826-3	7527-3	8524-5	164-10	2758-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE J-17

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-113

COMPOUND (milligrams per liter)	DATE SAMPLED 08/16/88	09/09/88	10/04/88	11/11/88	01/05/89	04/10/89
Antimony	---	-0.100	-0.100	-0.100	---	-0.100
Arsenic	---	-0.010	-0.010	-0.010	---	-0.010
Barium	---	-0.100	-0.100	-0.100	---	-0.100
Beryllium	---	-0.010	-0.010	-0.010	---	-0.010
Cadmium	---	-0.005	-0.005	-0.005	---	-0.005
Chromium (total)	0.020	0.030	0.020	0.040	0.040	0.020
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	-0.010	-0.010	---	-0.010
Cyanide	---	-0.02	-0.02	-0.02	---	---
Iron	---	-0.050	-0.050	-0.050	---	-0.050
Lead	---	-0.010	-0.010	-0.010	---	-0.010
Manganese	---	-0.010	-0.010	-0.010	---	-0.010
Mercury	---	-0.0002	-0.0002	-0.0002	---	-0.0002
Molybdenum	---	-0.100	-0.100	-0.100	---	-0.100
Nickel	---	-0.050	-0.050	-0.050	---	-0.050
Selenium	---	-0.005	-0.005	-0.005	---	-0.005
Silver	---	-0.010	-0.010	-0.010	---	-0.010
Strontium	---	0.390	0.350	0.390	---	0.388
Thallium	---	-0.100	-0.100	-0.100	---	-0.100
Zinc	---	0.940	0.820	1.300	---	1.130
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	6201-9	6826-4	7527-4	8524-6	164-8	2758-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42201

TABLE J-18

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-114

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	0.102
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	50.000	0.053
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	-0.010
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.314
Thallium	---	-0.100
Zinc	---	-0.010
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-1	2638-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-19

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-115

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	0.139
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	10.000	0.014
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	-0.010
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.287
Thallium	---	-0.100
Zinc	---	-0.010
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-2	2638-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42203

HARGIS + ASSOCIATES, INC.

TABLE J-20

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-116

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	0.152
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	-0.010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	-0.010
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.357
Thallium	---	-0.100
Zinc	---	-0.010
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-3	2638-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42204

HARGIS + ASSOCIATES, INC.

TABLE J-21

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-117

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	0.152
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	0.048	0.060
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	0.010
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.324
Thallium	---	-0.100
Zinc	---	0.022
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-4	2638-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42205

HARGIS + ASSOCIATES, INC.

TABLE J-22

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-118

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	--	0.336
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	-0.010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	--	-0.02
Iron	---	-0.050
Lead	--	-0.010
Manganese	---	0.022
Mercury	---	0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	--	-0.010
Strontium	---	0.600
Thallium	---	-0.100
Zinc	---	0.014
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-5	2638-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-23

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-119

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	0.128
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	-0.010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	-0.010
Mercury	---	0.0009
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.446
Thallium	---	-0.100
Zinc	---	-0.010
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-6	2638-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

422207

TABLE J-24

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-120

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	-0.100
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	-0 010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	0.097
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	1.120
Thallium	---	-0.100
Zinc	---	0.027
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-7	2638-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-25

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-121

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	0.244
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	-0.010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	-0.010
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.500
Thallium	---	-0.100
Zinc	---	-0.010
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-8	2638-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-26

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-122

COMPOUND (milligrams per liter)	DATE SAMPLED 03/05/89	04/06/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	0.586
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	-0.010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	0.052
Cyanide	---	-0.02
Iron	---	0.102
Lead	---	-0.010
Manganese	---	0.316
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.423
Thallium	---	-0.100
Zinc	---	0.342
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-11	2638-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42210

HARGIS + ASSOCIATES, INC.

TABLE J-27

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-123

COMPOUND (milligrams per liter)	DATE SAMPLED 03/05/89	04/07/89
Antimony	---	-0.100
Arsenic	-	-0.010
Barium	--	0.104
Beryllium		-0.010
Cadmium	-	-0.005
Chromium (total)	-0.010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	--	-0.010
Manganese	---	-0.010
Mercury	---	-0.0002
Molybdenum	--	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.558
Thallium	---	-0.100
Zinc	---	0.018
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-12	2645-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42211

TABLE J-28

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-124

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89
Antimony	---
Arsenic	---
Barium	---
Beryllium	---
Cadmium	---
Chromium (total)	-0.010
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	---
Cyanide	---
Iron	---
Lead	---
Manganese	---
Mercury	---
Molybdenum	---
Nickel	---
Selenium	---
Silver	---
Strontium	---
Thallium	---
Zinc	---
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42212

HARGIS + ASSOCIATES, INC.

TABLE J-29

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-125

COMPOUND (milligrams per liter)	DATE SAMPLED 03/04/89	04/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	-0.100
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	-0.010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	-0.010
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.583
Thallium	---	-0.100
Zinc	---	-0.010
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-9	2638-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-30

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-126

COMPOUND (milligrams per liter)	DATE SAMPLED 03/05/89	04/07/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	-0.100
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	0.013	0.017
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	0.059
Lead	---	-0.010
Manganese	---	-0.010
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.397
Thallium	---	-0.100
Zinc	---	0.011
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-14	2645-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42214

HARGIS + ASSOCIATES, INC.

TABLE J-31

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM HM-127

COMPOUND (milligrams per liter)	DATE SAMPLED 03/05/89	04/07/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	-0.100
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	-0.010	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	-0.010
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	-0.010
Mercury	---	-0.0002
Molybdenum	---	-0.100
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	0.579
Thallium	---	-0.100
Zinc	---	0.012
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	1723-13	2645-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

42215

TABLE J-32

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-08UN

COMPOUND (milligrams per liter)	DATE SAMPLED 07/11/87	08/05/87	09/02/87
Antimony	-0.100	-0.100	-0.100
Arsenic	-0.010	-0.010	-0.010
Barium	0.120	-0.100	-0.100
Beryllium	-0.010	-0.010	-0.010
Cadmium	-0.005	-0.005	-0.005
Chromium (total)	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---
Chromium (trivalent)	---	---	---
Copper	-0.010	-0.010	-0.010
Cyanide	-0.02	-0.02	-0.02
Iron	-0.050	-0.050	-0.050
Lead	-0.010	-0.010	-0.010
Manganese	-0.010	-0.010	-0.010
Mercury	-0.0002	-0.0002	-0.0002
Molybdenum	-0.100	-0.100	-0.100
Nickel	-0.050	-0.050	-0.050
Selenium	-0.005	-0.005	-0.005
Silver	-0.010	-0.010	-0.010
Strontium	0.170	-0.010	-0.010
Thallium	-0.100	-0.100	-0.100
Zinc	0.010	-0.010	-0.010
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	13959	15907	18459

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-33

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-08US

COMPOUND (milligrams per liter)	DATE SAMPLED 07/11/87	08/06/87	09/02/87	10/08/88
Antimony	-0.100	-0.100	-0.100	---
Arsenic	-0.010	-0.010	-0.010	---
Barium	0.120	0.110	-0.100	---
Beryllium	-0.010	-0.010	-0.010	---
Cadmium	-0.005	-0.005	-0.005	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---
Chromium (trivalent)	---	---	---	---
Copper	0.020	-0.010	-0.010	---
Cyanide	-0.02	-0.02	-0.02	---
Iron	0.060	-0.050	-0.050	---
Lead	-0.010	-0.010	-0.010	---
Manganese	-0.010	-0.010	-0.010	---
Mercury	-0.0002	-0.0002	-0.0002	---
Molybdenum	-0.100	-0.100	-0.100	---
Nickel	-0.050	-0.050	-0.050	---
Selenium	-0.005	-0.005	-0.005	---
Silver	-0.010	-0.010	-0.010	---
Strontium	1.200	-0.010	-0.010	---
Thallium	-0.100	-0.100	-0.100	---
Zinc	0.030	-0.010	-0.010	---
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC
Laboratory ID #	13960	15908	18460	7657-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

422217

TABLE J-34

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-09US

COMPOUND (milligrams per liter)	DATE SAMPLED 11/08/87	12/04/87	01/09/88	10/08/88	01/10/89	04/10/89
Antimony	---	---	-0.100	---	---	---
Arsenic	---	---	-0.010	---	---	---
Barium	---	---	-0.100	---	---	---
Beryllium	---	---	-0.010	---	---	---
Cadmium	---	---	-0.005	---	---	---
Chromium (total)	0.020	0.010	0.010	-0.010	0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	---	-0.010	---	---	---
Cyanide	---	---	-0.02	---	---	---
Iron	---	---	-0.050	---	---	---
Lead	---	---	-0.010	---	---	---
Manganese	---	---	-0.010	---	---	---
Mercury	---	---	0.0002	---	---	---
Molybdenum	---	---	-0.100	---	---	---
Nickel	---	---	-0.050	---	---	---
Selenium	---	---	-0.005	---	---	---
Silver	---	---	-0.010	---	---	---
Strontium	---	---	-0.010	---	---	---
Thallium	---	---	-0.100	---	---	---
Zinc	---	---	0.010	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	21634-8	22378-1	283-16	7657-4	261-6	2758-11

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-35

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-12UN

COMPOUND (milligrams per liter)	DATE SAMPLED 09/10/88
Antimony	-0.100
Arsenic	-0.010
Barium	-0.100
Beryllium	-0.010
Cadmium	-0.005
Chromium (total)	-0.010
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	-0.010
Cyanide	-0.02
Iron	-0.050
Lead	-0.010
Manganese	-0.010
Mercury	-0.0002
Molybdenum	-0.100
Nickel	-0.050
Selenium	-0.005
Silver	-0.010
Strontium	1.200
Thallium	-0.100
Zinc	0.070
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	6848-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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HARGIS + ASSOCIATES, INC.

TABLE J-36

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-12US

COMPOUND (milligrams per liter)	DATE SAMPLED 10/11/88
Antimony	---
Arsenic	---
Barium	---
Beryllium	---
Cadmium	---
Chromium (total)	---
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	---
Cyanide	-0.02
Iron	---
Lead	---
Manganese	--
Mercury	---
Molybdenum	---
Nickel	---
Selenium	---
Silver	---
Strontium	---
Thallium	---
Zinc	---
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	7733-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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HARGIS + ASSOCIATES, INC.

TABLE J-37

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-15UPPER

COMPOUND (milligrams per liter)	DATE SAMPLED 11/08/87	01/10/88	01/08/89	04/08/89
Antimony	---	-0.100	---	---
Arsenic	---	-0.010	---	---
Barium	---	-0.100	---	---
Beryllium	---	-0.010	---	---
Cadmium	---	-0.005	---	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---
Chromium (trivalent)	---	---	---	---
Copper	---	-0.010	---	---
Cyanide	---	-0.02	---	---
Iron		-0.050	---	---
Lead		-0.010	---	---
Manganese	---	-0.010	---	---
Mercury	---	-0.0002	---	---
Molybdenum	---	-0.100	---	---
Nickel	---	-0.050	---	---
Selenium	---	-0.005	---	---
Silver	---	-0.010	---	---
Strontium	---	-0.010	---	---
Thallium	---	-0.100	---	---
Zinc	---	-0.010	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC
Laboratory ID #	21634-10	283-17	212-2	2663-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE J-38

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-15US

COMPOUND (milligrams per liter)	DATE SAMPLED 11/08/87	01/10/88	10/08/88	01/10/89	04/09/89
Antimony	---	-0.100	---	---	---
Arsenic	---	-0.010	---	---	---
Barium	---	-0.100	---	---	---
Beryllium	---	-0.010	---	---	---
Cadmium	---	-0.005	---	---	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---
Copper	---	-0.010	---	---	---
Cyanide	---	-0.02	---	---	---
Iron	---	-0.050	---	---	---
Lead	---	-0.010	--	---	---
Manganese	---	-0.010	---	---	---
Mercury	---	-0.0002	---	---	---
Molybdenum	---	-0.100	---	---	---
Nickel	---	-0.050	---	---	---
Selenium	---	-0.005	---	---	---
Silver	---	-0.010	---	---	---
Strontium	---	-0.010	---	---	---
Thallium	---	-0.100	---	---	---
Zinc	---	-0.010	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC
Laboratory ID #	21634-9	283-18	7657-2	261-4	2663-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE J-39

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-16US

COMPOUND (milligrams per liter)	DATE SAMPLED 11/08/87	12/05/87	01/11/88	10/07/88	01/10/89	04/09/89
Antimony	---	---	-0.100	---	---	---
Arsenic	---	---	-0.010	---	---	---
Barium	---	---	-0.100	---	---	---
Beryllium	---	---	-0.010	---	---	---
Cadmium	---	---	-0.005	---	---	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	---	-0.010	---	---	---
Cyanide	---	---	-0.02	---	---	---
Iron	---	---	-0.050	---	---	---
Lead	---	---	-0.010	---	---	---
Manganese	---	---	-0.010	---	---	---
Mercury	---	---	-0.0002	---	---	---
Molybdenum	---	---	-0.100	---	---	---
Nickel	---	---	-0.050	---	---	---
Selenium	---	---	-0.005	---	---	---
Silver	---	---	-0.010	---	---	---
Strontium	---	---	-0.010	---	---	---
Thallium	---	---	-0.100	---	---	---
Zinc	---	---	-0.010	---	---	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	21634-11	22378-2	283-19	7599-9	261-5	2662-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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HARGIS + ASSOCIATES, INC.

TABLE J-40

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-18US

COMPOUND (milligrams per liter)	DATE SAMPLED 08/17/88	09/09/88	10/04/88	10/10/88	11/11/88	01/05/89
Antimony	---	-0.100	---	---	-0.100	---
Arsenic	---	-0.010	---	---	-0.010	---
Barium	---	0.110	---	---	0.100	---
Beryllium	---	-0.010	---	---	-0.010	---
Cadmium	---	-0.005	---	---	-0.005	---
Chromium (total)	-0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Chromium (hexavalent)	---	---	---	---	---	---
Chromium (trivalent)	---	---	---	---	---	---
Copper	---	-0.010	---	---	-0.010	---
Cyanide	---	-0.02	---	---	-0.02	---
Iron	---	-0.050	---	---	-0.050	---
Lead	---	-0.010	---	---	-0.010	---
Manganese	---	0.010	---	---	-0.010	---
Mercury	---	-0.0002	---	---	-0.0002	---
Molybdenum	---	-0.100	---	---	-0.100	---
Nickel	---	-0.050	---	---	-0.050	---
Selenium	---	-0.005	---	---	-0.005	---
Silver	---	-0.010	---	---	-0.010	---
Strontium	---	2.400	---	---	2.000	---
Thallium	---	-0.100	---	---	-0.100	---
Zinc	---	0.010	---	---	-0.010	---
Quality Assurance Code	ORG	ORG	ORG	ORG	ORG	ORG
Laboratory	BC	BC	BC	BC	BC	BC
Laboratory ID #	6201-10	6848-4	7527-11	7733-5	8524-3	164-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLIT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE J-40 (continued)

RESULTS OF ANALYSES FOR TRACE METALS
IN WATER SAMPLES COLLECTED FROM P-18US

COMPOUND (milligrams per liter)	DATE SAMPLED 04/07/89
Antimony	---
Arsenic	---
Barium	---
Beryllium	---
Cadmium	---
Chromium (total)	-0.010
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	---
Cyanide	---
Iron	---
Lead	---
Manganese	---
Mercury	---
Molybdenum	---
Nickel	---
Selenium	---
Silver	---
Strontium	---
Thallium	---
Zinc	---
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2644-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-41

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-22MIDDLE

COMPOUND (milligrams per liter)	DATE SAMPLED 11/06/87
Antimony	---
Arsenic	---
Barium	---
Beryllium	---
Cadmium	---
Chromium (total)	-0.010
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	---
Cyanide	---
Iron	---
Lead	---
Manganese	---
Mercury	---
Molybdenum	---
Nickel	---
Selenium	---
Silver	---
Strontium	---
Thallium	---
Zinc	---
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	21603-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-42

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-24MIDDLE

COMPOUND (milligrams per liter)	DATE SAMPLED 03/05/89
Antimony	-0.100
Arsenic	-0.010
Barium	0.240
Beryllium	-0.010
Cadmium	-0.005
Chromium (total)	-0.010
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	-0.010
Cyanide	-0.02
Iron	-0.050
Lead	-0.010
Manganese	0.390
Mercury	-0.0002
Molybdenum	-0.100
Nickel	-0.050
Selenium	-0.005
Silver	-0.010
Strontium	---
Thallium	-0.100
Zinc	0.470
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-16

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-43

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-24UPPER

COMPOUND (milligrams per liter)	DATE SAMPLED 03/05/89	03/05/89
Antimony	---	-0.100
Arsenic	---	-0.010
Barium	---	0.120
Beryllium	---	-0.010
Cadmium	---	-0.005
Chromium (total)	---	-0.010
Chromium (hexavalent)	---	---
Chromium (trivalent)	---	---
Copper	---	0.030
Cyanide	---	-0.02
Iron	---	-0.050
Lead	---	-0.010
Manganese	---	0.450
Mercury	---	-0.0002
Molybdenum	0.100	---
Nickel	---	-0.050
Selenium	---	-0.005
Silver	---	-0.010
Strontium	---	---
Thallium	---	-0.100
Zinc	---	0.450
Quality Assurance Code	ORG	ORG
Laboratory		BC
Laboratory ID #	1723-15	1723-15

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-44

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-25MIDDLE

COMPOUND (milligrams per liter)	DATE SAMPLED 03/06/89
Antimony	-0.100
Arsenic	-0.010
Barium	-0.100
Beryllium	-0.010
Cadmium	-0.005
Chromium (total)	-0.010
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	-0.010
Cyanide	-0.02
Iron	-0.050
Lead	-0.010
Manganese	0.020
Mercury	-0.0002
Molybdenum	-0.100
Nickel	-0.050
Selenium	0.005
Silver	-0.010
Strontium	---
Thallium	-0.100
Zinc	0.020
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-17

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE J-45

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-25UPPER

COMPOUND (milligrams per liter)	DATE SAMPLED 03/06/89
Antimony	-0.100
Arsenic	-0.010
Barium	-0.100
Beryllium	-0.010
Cadmium	-0.005
Chromium (total)	-0.010
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	0.060
Cyanide	-0.02
Iron	-0.050
Lead	-0.010
Manganese	0.020
Mercury	-0.0002
Molybdenum	-0.100
Nickel	-0.050
Selenium	-0.005
Silver	-0.010
Strontium	---
Thallium	-0.100
Zinc	0.240
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-18

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE J-46

RESULTS OF ANALYSES FOR TRACE METALS IN WATER SAMPLES COLLECTED FROM P-26MIDDLE

COMPOUND (milligrams per liter)	DATE SAMPLED 03/06/89
Antimony	-0.100
Arsenic	-0.010
Barium	-0.100
Beryllium	-0.010
Cadmium	-0.005
Chromium (total)	-0.010
Chromium (hexavalent)	---
Chromium (trivalent)	---
Copper	-0.010
Cyanide	-0.02
Iron	-0.050
Lead	-0.010
Manganese	0.020
Mercury	-0.0002
Molybdenum	-0.100
Nickel	-0.050
Selenium	-0.005
Silver	-0.010
Strontium	---
Thallium	-0.100
Zinc	0.230
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-19

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

Appendix K

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APPENDIX K

RESULTS OF ANALYSES FOR

OIL/GREASE AND TOTAL FUEL HYDROCARBONS

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APPENDIX K

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Table

K-1 CONCENTRATION OF OIL/GREASE AND TOTAL FUEL HYDROCARBONS IN WATER SAMPLES

TABLE K-1

CONCENTRATION OF OIL/GREASE AND TOTAL FUEL HYDROCARBONS
IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	OIL/GREASE(mg/l)	TOTAL FUEL HYDROCARBONS(mg/l)
HM-87	01/09/88	-0.2	-1.0
HM-88	01/09/88	-0.2	1.0
HM-89	01/09/88	-0.2	1.0
HM-90	01/09/88	-0.2	-1.0
HM-91	01/07/88	-0.2	-1.0
HM-92	01/10/88	-0.2	-1.0
HM-93	01/11/88	-0.2	-1.0
HM-94	01/07/88	0.31	7.0
HM-95	01/09/88	-0.2	1.0
HM-96	01/09/88	-0.2	-1.0
HM-97	01/09/88	-0.2	-1.0
HM-98	09/10/88	-0.2	-1.0
	10/04/88	-0.2	-1.0
	11/11/88	10.0	-1.0
HM-99	09/09/88	-0.2	-1.0
	11/11/88	6.0	-1.0
HM-110	09/09/88	-0.2	-1.0
	10/04/88	-0.2	-1.0
	11/11/88	-5.0	-1.0
HM-111	09/09/88	-0.2	-1.0
	10/04/88	-0.2	-1.0
	11/11/88	-5.0	-1.0

(-) = Less than
(---) = Not analyzed/reported
OIL/GREASE Analyzed by EPA Method 413.1
TOTAL FUEL HYDROCARBONS Analyzed by EPA Method 8015
ALL ANALYSES PERFORMED BY BROWN AND CALDWELL.
Trailing zeros are computer generated and do not necessarily reflect laboratory degree of accuracy

TABLE K-1 (continued)
CONCENTRATION OF OIL/GREASE AND TOTAL FUEL HYDROCARBONS
IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	OIL/GREASE(mg/l)	TOTAL FUEL HYDROCARBONS(mg/l)
HM-112	09/09/88	-0.2	2.0
	10/04/88	-0.2	-1.0
	11/11/88	-5.0	-1.0
HM-113	09/09/88	-0.2	1.0
	10/04/88	-0.2	-1.0
	11/11/88	16.0	-1.0
HM-114	04/05/89	-0.2	-1.0
HM-115	04/05/89	-0.2	-1.0
HM-116	04/05/89	-0.2	-1)
HM-117	04/05/89	-0.2	-1.0
		-0.2	-1.0
HM-119	04/05/89	-0.2	-1.0
HM-120	04/05/89	-0.2	-1.0
HM-121	04/05/89	-0.2	-1.0
HM-122	04/06/89	-0.2	-1.0
HM-123	04/07/89	-0.2	-1.0
HM-124	04/06/89	0.4	-1.0
HM-125	04/05/89	-0.2	-1.0
HM-126	04/07/89	-0.2	---
HM-127	04/07/89	-0.2	-1.0
P-09US	01/09/88	-0.2	-1.0
P-12UN	09/09/88	-0.2	-1.0

(-) = Less than
(---) = Not analyzed/reported
OIL/GREASE Analyzed by EPA Method 413.1
TOTAL FUEL HYDROCARBONS Analyzed by EPA Method 8015
ALL ANALYSES PERFORMED BY BROWN AND CALDWELL.
Trailing zeros are computer generated and do not necessarily reflect laboratory degree of accuracy

TABLE K-1 (continued)
CONCENTRATION OF OIL/GREASE AND TOTAL FUEL HYDROCARBONS
IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	OIL/GREASE(mg/l)	TOTAL FUEL HYDROCARBONS(mg/l)
P-15US	01/10/88	-0.2	-1.0
P-15UPPER	01/10/88	-0.2	-1.0
P-16US	01/11/88	-0.2	-1.0
P-18US	09/09/88	-0.2	-1.0
	11/11/88	5.0	-1.0
P-24UPPER	03/05/89	0.3	-1.0
	04/05/89	-0.2	---
P-24MIDDLE	03/05/89	0.3	-1.0
	04/05/89	-0.2	---
P-25UPPER	03/06/89	-0.2	----
P-25MIDDLE	03/06/89	0.2	-1.0
	04/05/89	-0.2	---
P-26MIDDLE	03/06/89	0.2	-1.0
	04/07/89	0.3	---

(-) = Less than
(---) = Not analyzed/reported
OIL/GREASE Analyzed by EPA Method 413.1
TOTAL FUEL HYDROCARBONS Analyzed by EPA Method 8015
ALL ANALYSES PERFORMED BY BROWN AND CALDWELL.
Trailing zeros are computer generated and do not necessarily reflect laboratory degree of accuracy

Appendix L

APPENDIX L

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS

APPENDIX L

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L-1 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-87

L-2 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-88

L-3 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-89

L-4 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-90

L-5 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-91

L-6 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-92

L-7 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-93

L-8 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-94

L-9 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-95

L-10 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-96

L-11 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-97

L-12 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-98

L-13 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-99

L-14 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-110

L-15 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-111

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L-16 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-112

L-17 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-113

L-18 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-114

L-19 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-115

L-20 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-116

L-21 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-117

L-22 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-118

L-23 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-119

L-24 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-120

L-25 RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-121

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TABLE L-1

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-87

COMPOUND (milligrams per liter)	DATE SAMPLED 01/09/88
Calcium	132.0
Magnesium	3.60
Sodium	12.0
Potassium	2.7
Carbonate	0.0
Bicarbonate	364.0
Chloride	13.4
Sulfate	15.
Nitrate	45.2
Fluoride	0.08
Boron	-0.10
Silica	9.1
TDS @ 180 oC	445.
EC @ 25 oC	675.
pH (Laboratory)	7.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-2

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-88

COMPOUND (milligrams per liter)	DATE SAMPLED 01/09/88
Calcium	124.0
Magnesium	3.60
Sodium	32.0
Potassium	1.2
Carbonate	0.0
Bicarbonate	322.0
Chloride	45.3
Sulfate	38.
Nitrate	29.2
Fluoride	0.19
Boron	0.10
Silica	9.3
TDS @ 180 oC	470.
EC @ 25 oC	720.
pH (Laboratory)	7.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-3

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-89

COMPOUND (milligrams per liter)	DATE SAMPLED 01/09/88
Calcium	118.0
Magnesium	3.70
Sodium	38.0
Potassium	0.8
Carbonate	0.0
Bicarbonate	327.0
Chloride	32.6
Sulfate	45.
Nitrate	31.4
Fluoride	0.33
Boron	-0.10
Silica	6.7
TDS @ 180 oC	435.
EC @ 25 oC	710.
pH (Laboratory)	7.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-9

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-4

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-90

COMPOUND (milligrams per liter)	DATE SAMPLED 01/09/88
Calcium	152.0
Magnesium	4.30
Sodium	44.0
Potassium	3.6
Carbonate	0.0
Bicarbonate	463.0
Chloride	50.3
Sulfate	28.
Nitrate	17.7
Fluoride	0.07
Boron	-0.10
Silica	9.9
TDS @ 180 oC	540.
EC @ 25 oC	900.
pH (Laboratory)	6.9
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE L-5

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-91

COMPOUND (milligrams per liter)	DATE SAMPLED 01/07/88
Calcium	157.0
Magnesium	4.40
Sodium	54.0
Potassium	1.5
Carbonate	0.0
Bicarbonate	402.0
Chloride	67.6
Sulfate	44.
Nitrate	62.0
Fluoride	0.72
Boron	-0.10
Silica	8.5
TDS @ 180 oC	610.
EC @ 25 oC	960.
pH (Laboratory)	7.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	204-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-6

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM HM-92

COMPOUND (milligrams per liter)	DATE SAMPLED 01/10/88
Calcium	131.0
Magnesium	3.80
Sodium	61.0
Potassium	2.0
Carbonate	0.0
Bicarbonate	425.0
Chloride	57.7
Sulfate	28.
Nitrate	16.0
Fluoride	0.09
Boron	-0.10
Silica	8.9
TDS @ 180 oC	520.
EC @ 25 oC	855.
pH (Laboratory)	6.9
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-11

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-7

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-93

COMPOUND (milligrams per liter)	DATE SAMPLED 01/11/88
Calcium	530.0
Magnesium	23.00
Sodium	55.0
Potassium	4.4
Carbonate	0.0
Bicarbonate	217.0
Chloride	8.1
Sulfate	1320.
Nitrate	5.8
Fluoride	0.34
Boron	0.28
Silica	11.0
TDS @ 180 oC	2245.
EC @ 25 oC	2500.
pH (Laboratory)	7.3
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-12

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; RE1 = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-8

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-94

COMPOUND (milligrams per liter)	DATE SAMPLED 01/07/88
Calcium	146.0
Magnesium	4.60
Sodium	28.0
Potassium	2.3
Carbonate	0.0
Bicarbonate	393.0
Chloride	52.8
Sulfate	25.
Nitrate	37.7
Fluoride	0.72
Boron	-0.10
Silica	10.0
TDS @ 180 oC	550.
EC @ 25 oC	840.
pH (Laboratory)	6.9
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	204-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-9

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-95

COMPOUND (milligrams per liter)	DATE SAMPLED 01/09/88
Calcium	125.0
Magnesium	3.80
Sodium	27.0
Potassium	1.1
Carbonate	0.0
Bicarbonate	339.0
Chloride	40.7
Sulfate	27.
Nitrate	28.8
Fluoride	0.21
Boron	-0.10
Silica	9.0
TDS @ 180 oC	410.
EC @ 25 oC	665.
pH (Laboratory)	7.2
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-13

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-10

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-96

COMPOUND (milligrams per liter)	DATE SAMPLED 01/09/88
Calcium	154.0
Magnesium	5.00
Sodium	99.0
Potassium	2.7
Carbonate	0.0
Bicarbonate	418.0
Chloride	91.0
Sulfate	42.
Nitrate	130.0
Fluoride	0.11
Boron	-0.10
Silica	9.6
TDS @ 180 oC	750.
EC @ 25 oC	1190.
pH (Laboratory)	7.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-14

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split.
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-11

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-97

COMPOUND (milligrams per liter)	DATE SAMPLED 01/09/88
Calcium	156.0
Magnesium	4.70
Sodium	58.0
Potassium	1.7
Carbonate	0.0
Bicarbonate	455.0
Chloride	56.3
Sulfate	46.
Nitrate	38.1
Fluoride	0.17
Boron	-0.10
Silica	11.0
TDS @ 180 oC	605.
EC @ 25 oC	960.
pH (Laboratory)	7.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-15

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-12

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-98

COMPOUND (milligrams per liter)	DATE SAMPLED 09/10/88	10/04/88	11/11/88
Calcium	154.0	148.0	150.0
Magnesium	6.30	6.40	6.00
Sodium	97.0	96.0	99.0
Potassium	1.1	1.3	0.9
Carbonate	0.0	0.0	0.0
Bicarbonate	494.0	490.0	495.0
Chloride	127.0	125.0	131.0
Sulfate	37.	34.	34.
Nitrate	-0.4	-0.4	0.4
Fluoride	0.09	0.10	0.11
Boron	-0.10	-0.10	-0.10
Silica	9.8	9.9	9.5
TDS @ 180 oC	580.	730.	720.
EC @ 25 oC	1175.	1150.	1160.
pH (Laboratory)	7.1	7.5	7.4
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	6848-1	7527-1	8524-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-13

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-99

COMPOUND (milligrams per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Calcium	142.0	124.0	144.0
Magnesium	4.30	4.00	4.10
Sodium	42.0	34.0	44.0
Potassium	2.6	2.2	2.4
Carbonate	0.0	0.0	0.0
Bicarbonate	436.0	405.0	456.0
Chloride	47.4	36.1	46.0
Sulfate	25.	16.	20.
Nitrate	20.8	13.7	14.6
Fluoride	0.06	0.08	0.07
Boron	-0.10	-0.10	-0.10
Silica	9.3	9.3	9.1
TDS @ 180 oC	430.	500.	565.
EC @ 25 oC	850.	760.	860.
pH (Laboratory)	7.2	7.6	7.3
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	6848-2	7527-2	8524-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-14

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-110

COMPOUND (milligrams per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Calcium	115.0	110.0	112.0
Magnesium	3.80	3.50	3.80
Sodium	18.0	17.0	16.0
Potassium	0.9	0.8	0.7
Carbonate	0.0	0.0	0.0
Bicarbonate	307.0	292.0	314.0
Chloride	22.7	24.1	19.1
Sulfate	35.	34.	35.
Nitrate	23.9	25.2	20.4
Fluoride	0.25	0.25	0.24
Boron	0.14	0.12	0.14
Silica	8.4	7.6	8.7
TDS @ 180 oC	325.	375.	410.
EC @ 25 oC	625.	600.	620.
pH (Laboratory)	7.4	7.6	7.5
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	6826-1	7527-6	8524-8

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE L-15

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-111

COMPOUND (milligrams per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Calcium	115.0	110.0	116.0
Magnesium	3.50	3.10	3.50
Sodium	21.0	21.0	18.0
Potassium	0.9	0.9	0.7
Carbonate	0.0	0.0	0.0
Bicarbonate	334.0	325.0	338.0
Chloride	20.5	23.0	18.0
Sulfate	31.	32.	28.
Nitrate	10.6	11.1	10.6
Fluoride	0.21	0.21	0.18
Boron	-0.10	-0.10	-0.10
Silica	7.3	6.6	7.5
TDS @ 180 oC	330.	420.	385.
EC @ 25 oC	620.	630.	630.
pH (Laboratory)	7.3	7.6	7.7
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	6826-2	7527-5	8524-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-16

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-112

COMPOUND (milligrams per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Calcium	125.0	120.0	128.0
Magnesium	4.00	4.10	4.10
Sodium	33.0	32.0	31.0
Potassium	0.8	0.9	0.8
Carbonate	0.0	0.0	0.0
Bicarbonate	329.0	313.0	333.0
Chloride	32.2	35.0	30.1
Sulfate	50.	47.	54.
Nitrate	34.6	34.1	35.4
Fluoride	0.27	0.25	0.26
Boron	-0.10	-0.10	-0.10
Silica	7.6	7.5	7.5
TDS @ 180 oC	470.	430.	460.
EC @ 25 oC	740.	700.	660.
pH (Laboratory)	7.1	7.8	7.5
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	6826-3	7527-3	8524-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-17

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-113

COMPOUND (milligrams per liter)	DATE SAMPLED 09/09/88	10/04/88	11/11/88
Calcium	116.0	105.0	116.0
Magnesium	4.00	3.50	3.90
Sodium	25.0	23.0	24.0
Potassium	0.9	1.0	0.8
Carbonate	0.0	0.0	0.0
Bicarbonate	325.0	314.0	328.0
Chloride	23.7	19.8	22.0
Sulfate	36.	29.	35.
Nitrate	27.0	21.7	22.5
Fluoride	0.25	0.25	0.23
Boron	-0.10	-0.10	-0.10
Silica	7.4	7.0	7.6
TDS @ 180 oC	390.	390.	425.
EC @ 25 oC	660.	620.	---
pH (Laboratory)	7.3	7.6	---
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	6826-4	7527-4	8524-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE L-18

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-114

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	130.0
Magnesium	3.80
Sodium	20.0
Potassium	1.8
Carbonate	32.4
Bicarbonate	331.0
Chloride	23.4
Sulfate	17.
Nitrate	16.4
Fluoride	0.20
Boron	-0.10
Silica	22.0
TDS @ 180 oC	450.
EC @ 25 oC	690.
pH (Laboratory)	8.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-1

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-19

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-115

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	151.0
Magnesium	4.40
Sodium	24.0
Potassium	2.4
Carbonate	-2.6
Bicarbonate	425.0
Chloride	32.9
Sulfate	26.
Nitrate	42.1
Fluoride	0.16
Boron	-0.10
Silica	27.0
TDS @ 180 oC	495.
EC @ 25 oC	800.
pH (Laboratory)	7.5
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE L-20

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-116

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	157.0
Magnesium	4.80
Sodium	52.0
Potassium	1.9
Carbonate	-2.6
Bicarbonate	403.0
Chloride	61.6
Sulfate	25.
Nitrate	115.0
Fluoride	0.17
Boron	0.14
Silica	24.0
TDS @ 180 oC	675.
EC @ 25 oC	990.
pH (Laboratory)	7.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split ·
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE L-21

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-117

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	139.0
Magnesium	4.40
Sodium	98.0
Potassium	1.8
Carbonate	-2.6
Bicarbonate	467.0
Chloride	67.3
Sulfate	53.
Nitrate	66.4
Fluoride	0.16
Boron	0.12
Silica	22.0
TDS @ 180 oC	675.
EC @ 25 oC	1060.
pH (Laboratory)	7.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-4

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE L-22

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-118

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	255.0
Magnesium	8.40
Sodium	160.0
Potassium	1.6
Carbonate	-2.6
Bicarbonate	504.0
Chloride	381.0
Sulfate	50.
Nitrate	26.6
Fluoride	0.16
Boron	-0.10
Silica	25.0
TDS @ 180 oC	1410.
EC @ 25 oC	2300.
pH (Laboratory)	7.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-5

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE L-23

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-119

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	182.0
Magnesium	6.50
Sodium	81.0
Potassium	1.4
Carbonate	-2.6
Bicarbonate	518.0
Chloride	130.0
Sulfate	49.
Nitrate	7.5
Fluoride	0.16
Boron	-0.10
Silica	24.0
TDS @ 180 oC	810.
EC @ 25 oC	1200.
pH (Laboratory)	7.2
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-6

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-24

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-120

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	185.0
Magnesium	30.00
Sodium	282.0
Potassium	4.0
Carbonate	-2.6
Bicarbonate	723.0
Chloride	192.0
Sulfate	308.
Nitrate	-0.4
Fluoride	1.50
Boron	-0.10
Silica	42.0
TDS @ 180 oC	1510.
EC @ 25 oC	2400.
pH (Laboratory)	7.3
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-7

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-25

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-121

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	203.0
Magnesium	7.10
Sodium	14.0
Potassium	1.5
Carbonate	-2.6
Bicarbonate	401.0
Chloride	230.0
Sulfate	50.
Nitrate	104.0
Fluoride	0.16
Boron	-0.10
Silica	23.0
TDS @ 180 oC	930.
EC @ 25 oC	1530.
pH (Laboratory)	7.3
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-8

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TABLE L-26

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-122

COMPOUND (milligrams per liter)	DATE SAMPLED 04/06/89
Calcium	129.0
Magnesium	6.20
Sodium	8.0
Potassium	2.0
Carbonate	-2.6
Bicarbonate	423.0
Chloride	16.3
Sulfate	23.
Nitrate	1.8
Fluoride	0.29
Boron	-0.10
Silica	18.0
TDS @ 180 oC	450.
EC @ 25 oC	700.
pH (Laboratory)	7.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-10

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
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TABLE L-27

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-123

COMPOUND (milligrams per liter)	DATE SAMPLED 04/07/89
Calcium	135.0
Magnesium	5.70
Sodium	26.0
Potassium	1.0
Carbonate	-2.6
Bicarbonate	385.0
Chloride	27.3
Sulfate	43.
Nitrate	17.7
Fluoride	0.33
Boron	-0.10
Silica	18.0
TDS @ 180 oC	460.
EC @ 25 oC	750.
pH (Laboratory)	7.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2645-2

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-28

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-125

COMPOUND (milligrams per liter)	DATE SAMPLED 04/05/89
Calcium	223.0
Magnesium	7.60
Sodium	39.0
Potassium	2.9
Carbonate	-2.6
Bicarbonate	339.0
Chloride	18.0
Sulfate	350.
Nitrate	22.2
Fluoride	0.34
Boron	0.12
Silica	23.0
TDS @ 180 oC	865.
EC @ 25 oC	1160.
pH (Laboratory)	7.6
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2638-9

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(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-29

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-126

COMPOUND (milligrams per liter)	DATE SAMPLED 04/07/89
Calcium	124.0
Magnesium	3.90
Sodium	21.0
Potassium	0.6
Carbonate	-2.6
Bicarbonate	351.0
Chloride	20.5
Sulfate	33.
Nitrate	22.2
Fluoride	0.30
Boron	-0.10
Silica	19.0
TDS @ 180 oC	425.
EC @ 25 oC	650.
pH (Laboratory)	7.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2645-4

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TABLE L-30

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM HM-127

COMPOUND (milligrams per liter)	DATE SAMPLED 04/07/89
Calcium	148.0
Magnesium	7.30
Sodium	33.0
Potassium	0.5
Carbonate	-2.6
Bicarbonate	420.0
Chloride	8.5
Sulfate	104.
Nitrate	3.1
Fluoride	0.33
Boron	0.13
Silica	19.0
TDS @ 180 oC	505.
EC @ 25 oC	790.
pH (Laboratory)	7.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	2645-3

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TABLE L-31

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-08UN

COMPOUND (milligrams per liter)	DATE SAMPLED 07/11/87	08/05/87	09/02/87
Calcium	196.0	140.0	102.0
Magnesium	0.01	-0.10	-0.10
Sodium	46.0	43.0	42.0
Potassium	27.0	17.0	35.0
Carbonate	33.2	29.8	33.2
Bicarbonate	0.0	0.0	0.0
Chloride	39.6	25.8	15.2
Sulfate	38.	35.	45.
Nitrate	2.2	0.9	-0.4
Fluoride	0.15	0.82	0.89
Boron	-0.10	-0.10	-0.10
Silica	4.8	6.0	8.2
TDS @ 180 oC	1090.	640.	720.
EC @ 25 oC	2500.	1740.	1440.
pH (Laboratory)	11.9	11.4	11.1
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	13959	15907	18459

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TABLE L-32

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-08US

COMPOUND (milligrams per liter)	DATE SAMPLED 07/11/87	08/06/87	09/02/87
Calcium	102.0	91.0	71.0
Magnesium	0.03	-0.10	-0.10
Sodium	99.0	79.0	63.0
Potassium	41.0	21.0	37.0
Carbonate	69.0	33.2	34.1
Bicarbonate	0.0	0.0	0.0
Chloride	35.4	25.1	35.4
Sulfate	58.	77.	72.
Nitrate	2.2	0.9	0.9
Fluoride	1.00	0.88	0.88
Boron	-0.10	-0.10	-0.10
Silica	20.0	23.0	20.0
TDS @ 180 oC	890.	570.	485.
EC @ 25 oC	1920.	1520.	1220.
pH (Laboratory)	11.7	11.4	11.2
Quality Assurance Code	ORG	ORG	ORG
Laboratory	BC	BC	BC
Laboratory ID #	13960	15908	18460

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TABLE L-33

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-09US

COMPOUND (milligrams per liter)	DATE SAMPLED 01/09/88
Calcium	150.0
Magnesium	7.60
Sodium	23.0
Potassium	3.2
Carbonate	0.0
Bicarbonate	242.0
Chloride	38.9
Sulfate	185.
Nitrate	14.2
Fluoride	0.24
Boron	-0.10
Silica	12.0
TDS @ 180 oC	595.
EC @ 25 oC	850.
pH (Laboratory)	7.3
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-16

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(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
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TABLE L-34

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-12UN

COMPOUND (milligrams per liter)	DATE SAMPLED 09/10/88
Calcium	41.0
Magnesium	0.03
Sodium	41.0
Potassium	11.0
Carbonate	34.1
Bicarbonate	0.0
Chloride	18.0
Sulfate	80.
Nitrate	0.4
Fluoride	0.41
Boron	0.11
Silica	10.0
TDS @ 180 oC	290.
EC @ 25 oC	500.
pH (Laboratory)	11.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	6848-3

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
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TABLE L-35

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-15UPPER

COMPOUND (milligrams per liter)	DATE SAMPLED 01/10/88
Calcium	24.0
Magnesium	6.50
Sodium	58.0
Potassium	15.0
Carbonate	12.8
Bicarbonate	137.0
Chloride	13.1
Sulfate	70.
Nitrate	10.6
Fluoride	0.17
Boron	0.18
Silica	8.6
TDS @ 180 oC	295.
EC @ 25 oC	455.
pH (Laboratory)	8.3
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-17

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(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REI = Replicate ; SPLT = Split
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TABLE L-36

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-15US

COMPOUND (milligrams per liter)	DATE SAMPLED 01/10/88
Calcium	8.3
Magnesium	1.20
Sodium	51.0
Potassium	16.0
Carbonate	41.8
Bicarbonate	52.8
Chloride	7.4
Sulfate	34.
Nitrate	-0.4
Fluoride	0.17
Boron	0.16
Silica	7.2
TDS @ 180 oC	210.
EC @ 25 oC	325.
pH (Laboratory)	9.7
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-18

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TABLE L-37

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-16US

COMPOUND (milligrams per liter)	DATE SAMPLED 01/11/88
Calcium	7.7
Magnesium	0.29
Sodium	45.0
Potassium	19.0
Carbonate	46.9
Bicarbonate	19.9
Chloride	10.6
Sulfate	33.
Nitrate	0.4
Fluoride	0.25
Boron	-0.10
Silica	8.1
TDS @ 180 oC	200.
EC @ 25 oC	315.
pH (Laboratory)	10.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	283-19

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
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TABLE L-38

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-18US

COMPOUND (milligrams per liter)	DATE SAMPLED 09/09/88	11/11/88
Calcium	90.0	89.0
Magnesium	11.00	10.00
Sodium	31.0	34.0
Potassium	3.5	3.2
Carbonate	0.0	0.0
Bicarbonate	305.0	308.0
Chloride	11.3	10.3
Sulfate	77.	68.
Nitrate	2.7	2.7
Fluoride	0.22	0.21
Boron	-0.10	-0.10
Silica	8.0	7.5
TDS @ 180 oC	390.	415.
EC @ 25 oC	630.	640.
pH (Laboratory)	7.6	7.6
Quality Assurance Code	ORG	ORG
Laboratory	BC	BC
Laboratory ID #	6848-4	8524-3

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TABLE L-39

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-24MIDDLE

COMPOUND (milligrams per liter)	DATE SAMPLED 03/05/89
Calcium	83.0
Magnesium	19.00
Sodium	28.0
Potassium	4.0
Carbonate	-2.6
Bicarbonate	308.0
Chloride	40.4
Sulfate	45.
Nitrate	-0.4
Fluoride	0.30
Boron	-0.10
Silica	14.1
TDS @ 180 oC	420.
EC @ 25 oC	650.
pH (Laboratory)	7.7
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-16

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(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
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TABLE L-40

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES COLLECTED FROM P-24UPPER

COMPOUND (milligrams per liter)	DATE SAMPLED 03/05/89
Calcium	137.0
Magnesium	8.80
Sodium	46.0
Potassium	3.8
Carbonate	-2.6
Bicarbonate	365.0
Chloride	38.9
Sulfate	130.
Nitrate	-0.4
Fluoride	0.18
Boron	0.22
Silica	13.3
TDS @ 180 oC	565.
EC @ 25 oC	860.
pH (Laboratory)	7.4
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-15

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

TABLE L-41

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-25MIDDLE

COMPOUND (milligrams per liter)	DATE SAMPLED 03/06/89
Calcium	47.0
Magnesium	26.00
Sodium	35.0
Potassium	10.0
Carbonate	-2.6
Bicarbonate	307.0
Chloride	21.6
Sulfate	34.
Nitrate	-0.4
Fluoride	0.18
Boron	-0.10
Silica	20.8
TDS @ 180 oC	380.
EC @ 25 oC	590.
pH (Laboratory)	7.9
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-17

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed/reported ; ORG = Original; FD = Duplicate; REl = Replicate ; SPLT = Split
Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-42

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P JPPER

COMPOUND (milligrams per liter)	DATE SAMPLED 03/06/89
Calcium	46.0
Magnesium	17.00
Sodium	44.0
Potassium	6.6
Carbonate	-2.6
Bicarbonate	250.0
Chloride	12.7
Sulfate	60.
Nitrate	9.8
Fluoride	0.29
Boron	0.12
Silica	16.5
TDS @ 180 oC	350.
EC @ 25 oC	530.
pH (Laboratory)	8.0
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-18

(-) = Less than; numerical value is the Limit of Detection for that compound
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Trailing zeros are computer generated and do not necessarily reflect the degree of accuracy

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TABLE L-43

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM P-26MIDDLE

COMPOUND (milligrams per liter)	DATE SAMPLED 03/06/89
Calcium	48.0
Magnesium	22.00
Sodium	48.0
Potassium	5.4
Carbonate	-2.6
Bicarbonate	299.0
Chloride	12.0
Sulfate	62.
Nitrate	7.3
Fluoride	0.19
Boron	0.10
Silica	19.3
TDS @ 180 oC	375.
EC @ 25 oC	580.
pH (Laboratory)	7.8
Quality Assurance Code	ORG
Laboratory	BC
Laboratory ID #	1723-19

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