

CHEVROLET



Central Office

RECEIVED  
MAY 24 1984  
Region III Headquarters

May 14, 1984

Mr. D. O. Cummins  
Groundwater Quality Division  
Michigan Department of Natural Resources  
Region III Headquarters  
Box 30028  
Lansing, Michigan 48909

Dear Mr. Cummins:

Enclosed please find the results of the analysis performed on groundwater samples collected at the Linden Rd landfill site on January 4, 1984, which satisfies the second quarter sampling requirement for the site.

The third quarter sampling was conducted on April 19, 1984 and the results will be forwarded to your office upon completion of analysis. Please note that for the second and third samplings, only a GC/MS volatile scan was conducted. During the final sampling a full GC/MS scan will be done and include the base-neutral and phenol compounds. I will contact you prior to the fourth sampling in the event you wish to split samples.

Should you have any questions regarding the attached, please contact this office at 313-492-1138.

A handwritten signature in blue ink that reads "G. E. Calhoun".

G. E. Calhoun  
Manufacturing Engineering

TMS:djp  
Attachments

cc: K. Sibbo

CHEV/D

\*\*\* MP4191 \*\*\*

FLINT MFG.

GROUNDWATER WELL SAMPLES FROM LINDEN RD.  
SECOND QUARTERLY SAMPLING.

VOLATILE SAMPLES TAKEN.

NOTE: WELL 1D IS BENT NO SAMPLE TAKEN.

TEST	1- 4-1984 1S	1- 4-1984 10D	1- 4-1984 11D	1- 4-1984 2D
PH ( )	9.56000	10.51000	5.91000	10.32000
TDS (PPM)	480.00000	1527.00000	229.00000	240.00000
PHEN(PPB)	( 4.00000)	4.00000	9.00000	4.00000
NO3 (PPM)	.25000	8.30000	27.50000	1.04000
CL (PPM)	8.00000	2.00000	5.00000	4.50000
CN (PPB)	( 20.00000)	( 20.00000)	( 20.00000)	( 20.00000)
F (PPM)	.27000	2.00000	1.70000	1.20000
SO4 (PPM)	207.50000	1.00000	8.50000	25.00000
AS (PPM)	( .01000)	( .01000)	( .01000)	( .01000)
BA (PPM)	( .05000)	.07100	.36800	.06900
CD (PPM)	.01000	( .01000)	( .01000)	.01000
CA (PPM)	9.90000	8.50000	21.80000	6.50000
CR (PPM)	( .05000)	( .05000)	( .05000)	( .05000)
CU (PPM)	( .02000)	( .02000)	( .02000)	( .02000)
FE (PPM)	.08000	.06000	.18000	.04000
PB (PPM)	( .00500)	.01200	.00700	.01000
MG (PPM)	49.00000	.13200	1.71000	4.06000
HG (PPB)	( .40000)	( .40000)	( .40000)	.40000
NI (PPM)	( .04000)	( .04000)	.07000	( .04000)
K (PPM)	3.60000	2.30000	2.40000	8.10000
SE (PPM)	( .01000)	( .01000)	( .01000)	( .01000)
AG (PPM)	( .01000)	( .01000)	( .01000)	( .01000)
NA (PPM)	76.00000	72.00000	92.00000	120.00000
ZN (PPM)	.01000	.04000	.12000	.02000
MALK	202.00000	80.00000	30.00000	160.00000
PALK	48.00000	30.00000	( .00000)	46.00000

\*\*\* MP4191 \*\*\*

FLINT MFG.

TEST	1- 4-1984 2S	1- 4-1984 3D	1- 4-1984 3S	1- 4-1984 4D
PH ( )	8.91000	10.00000	8.28000	10.33000
TDS (PPM)	286.00000	338.00000	339.00000	139.00000
PHEN(PPB)	5.00000	21.00000	23.00000	( 4.00000)
NO3 (PPM)	1.68000	1.24000	1.12000	.43000
CL (PPM)	3.00000	3.00000	87.00000	1.00000
CN (PPB)	( 20.00000)	( 20.00000)	( 20.00000)	( 20.00000)
F (PPM)	.52000	.98000	.29000	1.80000
SO4 (PPM)	31.00000	18.00000	22.50000	( 1.00000)
AS (PPM)	( .01000)	( .01000)	( .01000)	( .01000)
BA (PPM)	.09400	.08400	.13300	( .05000)
CD (PPM)	( .01000)	( .01000)	( .01000)	( .01000)
CA (PPM)	17.90000	7.70000	30.20000	3.10000
CR (PPM)	( .05000)	( .05000)	( .05000)	( .05000)
CU (PPM)	( .02000)	( .02000)	( .02000)	( .02000)
FE (PPM)	.19000	.13000	.11000	.10000
PB (PPM)	.01700	.01800	( .00500)	.00900
MG (PPM)	41.60000	30.00000	34.40000	.75000
HG (PPB)	( .40000)	( .40000)	( .40000)	( .40000)
NI (PPM)	.08000	( .04000)	.05000	( .04000)
K (PPM)	4.20000	10.10000	2.00000	3.20000
SE (PPM)	( .01000)	( .01000)	( .01000)	( .01000)
AG (PPM)	( .01000)	( .01000)	( .01000)	( .01000)
NA (PPM)	32.00000	88.00000	52.00000	60.00000
ZN (PPM)	.18000	.01000	.38000	.19000
MALK	240.00000	264.00000	124.00000	126.00000
PALK	14.00000	66.00000	( .00000)	36.00000

\*\*\* MP4191 \*\*\* FLINT MFG.

TEST	1- 4-1984 5D	1- 4-1984 6D	1- 4-1984 6S	1- 4-1984 7D
PH ( )	10.18000	6.88000	7.41000	10.23000
TDS (PPM)	2417.00000	274.00000	2223.00000	157.00000
PHEN(PPB) (	4.00000)	( 4.00000)	17.00000	4.00000
NO3 (PPM)	.46000	18.80000	22.10000	6.50000
CL (PPM)	2.50000	13.00000	8.00000	2.00000
CN (PPB) (	20.00000)	( 20.00000)	( 20.00000)	( 20.00000)
F (PPM)	1.60000	.68000	( .20000)	1.50000
SO4 (PPM)	19.50000	14.00000	29.50000	4.50000
AS (PPM) (	.01000)	( .01000)	( .01000)	( .01000)
BA (PPM)	.06900	( .05000)	.26200	.14400
CD (PPM) (	.01000)	( .01000)	( .01000)	( .01000)
CA (PPM)	8.70000	65.00000	112.00000	41.20000
CR (PPM) (	.05000)	( .05000)	( .05000)	( .05000)
CU (PPM) (	.02000)	( .02000)	( .02000)	( .02000)
FE (PPM)	.09000	.69000	.22000	1.22000
PB (PPM)	.00800	( .00500)	( .00500)	.01300
MG (PPM)	5.30000	13.00000	57.40000	4.80000
HG (PPB) (	.40000)	( .40000)	( .40000)	( .40000)
NI (PPM) (	.04000)	.04000	.05000	.13000
K (PPM)	3.80000	4.10000	10.40000	7.40000
SE (PPM) (	.01000)	( .01000)	( .01000)	( .01000)
AG (PPM) (	.01000)	( .01000)	( .01000)	( .01000)
NA (PPM)	96.00000	60.00000	104.00000	76.00000
ZN (PPM)	.30000	.01000	17.00000	.02000
MALK	148.00000	52.00000	410.00000	108.00000
PALK	44.00000	( .00000)	( .00000)	20.00000

\*\*\* MP4191 \*\*\* FLINT MFG.

TEST	1- 4-1984 8D	1- 4-1984 9D
PH ( )	10.06000	9.10000
TDS (PPM)	887.00000	222.00000
PHEN(PPB) (	4.00000)	( 4.00000)
NO3 (PPM)	2.80000	9.10000
CL (PPM)	1.50000	1.00000
CN (PPB) (	20.00000)	( 20.00000)
F (PPM)	1.10000	.93000
SO4 (PPM)	3.00000	( 1.00000)
AS (PPM) (	.01000)	( .01000)
BA (PPM)	.05500	.07300
CD (PPM) (	.01000)	( .01000)
CA (PPM)	5.10000	6.20000
CR (PPM) (	.05000)	( .05000)
CU (PPM) (	.02000)	( .02000)
FE (PPM)	.04000	.20000
PB (PPM) (	.00500)	.02000
MG (PPM)	8.80000	6.80000
HG (PPB) (	.40000)	( .40000)
NI (PPM) (	.04000)	( .04000)
K (PPM)	3.80000	2.00000
SE (PPM) (	.01000)	( .01000)
AG (PPM) (	.01000)	( .01000)
NA (PPM)	76.00000	56.00000
ZN (PPM)	.06000	.13000
MALK	174.00000	118.00000
PALK	44.00000	6.00000

PPM = MG/L FOR WATER - MG/KG FOR SLUDGE

PPB = UG/L FOR WATER - UG/KG FOR SLUDGE

NOTE: RESULTS FOR OILS AND SLUDGES ANALYZED BEFORE 9-1-79 ARE ALL MG/KG  
NOT DETECTED = ( )

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 547  
 PLANT -FLINT MFG  
 OUTFALL -1-S  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
THYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 547

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 548  
 PLANT -FLINT MFG  
 OUTFALL -2-S  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 548

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 549  
 PLANT -FLINT MFG  
 OUTFALL -3-S  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 549

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 550  
 PLANT -FLINT MFG  
 OUTFALL -6-S  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

<u>COMPOUND</u>	<u>CONCENTRATION (PPB)</u>
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 550

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 551  
 PLANT -FLINT MFG  
 OUTFALL -2-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS<CHLOROMETHYL>ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 551

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 552  
 PLANT -FLINT MFG  
 OUTFALL -3-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 552

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 553  
 PLANT -FLINT MFG  
 OUTFALL -4-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 553

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 554  
 PLANT -FLINT MFG  
 OUTFALL -5-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 554

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 555  
 PLANT -FLINT MFG  
 JTFALL -6-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
METHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 555

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 556  
 PLANT -FLINT MFG  
 UTFALL -7-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 556

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 557  
 PLANT - FLINT MFG  
 JTFALL - 8-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 557

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 558  
 PLANT -FLINT MFG  
 OUTFALL -9-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WHEEL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENDLS

NOT REQUIRED

LAB NUMBER - 558

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 559  
 PLANT -FLINT MFG  
 OUTFALL -10-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTERLY SAMPLE.

X  
 X  
 X

VOLATILES

<u>COMPOUND</u>	<u>CONCENTRATION (PPB)</u>
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 559

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL

CHEVROLET CENTRAL LABORATORIES

LAB NUMBER - 560  
 PLANT -FLINT MFG  
 OUTFALL -11-D  
 SAMPLE DATE - 840104

DESCRIPTION

GROUNDWATER WELL SAMPLE FROM LINDEN ROAD.  
 SECOND QUARTEELY SAMPLE.

X  
 X  
 X

VOLATILES

COMPOUND	CONCENTRATION (PPB)
ACROLEIN	ND @ -100
ACRYLONITRILE	ND @ -100
BENZENE	ND @ -20
BIS(CHLOROMETHYL)ETHER	ND @ -20
BROMOFORM	ND @ -20
CARBON TETRACHLORIDE	ND @ -20
CHLOROBENZENE	ND @ -20
CHLORODIBROMOMETHANE	ND @ -20
CHLOROETHANE	ND @ -20
2-CHLOROETHYL VINYL ETHER	ND @ -100
CHLOROFORM	ND @ -20
BROMODICHLOROMETHANE	ND @ -20
DICHLORODIFLUOROMETHANE	ND @ -20
1/1-DICHLOROETHANE	ND @ -20
1/2-DICHLOROETHANE	ND @ -20
VINYLDIENE CHLORIDE	ND @ -20
1/2-DICHLOROPROPANE	ND @ -20
1/3-DICHLOROPROPYLENE	ND @ -20
ETHYLBENZENE	ND @ -20
METHYL BROMIDE	ND @ -20
METHYL CHLORIDE	ND @ -20
METHYLENE CHLORIDE	ND @ -20
1/1/2/2-TETRACHLOROETHANE	ND @ -20
TETRACHLOROETHYLENE	ND @ -20
TOLUENE	ND @ -20
TRANS-1/2-DICHLOROETHENE	ND @ -20
1/1/1-TRICHLOROETHANE	ND @ -20
1/1/2-TRICHLOROETHANE	ND @ -20
TRICHLOROETHYLENE	ND @ -20
TRICHLOROFLUOROMETHANE	ND @ -20
VINYL CHLORIDE	ND @ -20

PHENOLS

NOT REQUIRED

LAB NUMBER - 560

CONTINUED

BASE NEUTRALS  
NOT REQUIRED

MISCELLANEOUS  
PARAMETER

CONCENTRATION (PPB)

NONE REQUIRED

ND @ = NOT DETECTED AT INDICATED LEVEL  
SEARCH COMPLETE