



Infrastructure, environment, facilities

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Subject:

Results of Quarterly Groundwater Sampling Event – June 2008  
GM NAO Flint Operations Site, Flint, Michigan  
USEPA ID No. MID 005 356 712

Dear Ms. Groboski:

This report is being submitted on behalf of Kurt Blizzard, of the General Motors Corporation (GM), to present the results of groundwater sampling completed in accordance with Section 2.7 of GM's *Migration of Contaminated Groundwater Under Control Environmental Indicator Report*, submitted to you on September 23, 2005 (*EI CA750 Report*), for its North American Operations (NAO) Flint Operations Site in Flint, Michigan (the Site). The *EI CA750 Report*, prepared by ENVIRON International Corporation (ENVIRON), included a groundwater monitoring plan consisting of quarterly groundwater sample collection and analysis, groundwater elevation measurements, light non-aqueous phase liquid (LNAPL) thickness measurements at certain locations, data evaluation, and reporting. The scope of the sampling program is the same for the first, second, and fourth quarterly monitoring events and an expanded sampling program is completed during the third quarterly monitoring event.

This report presents the results of the second quarterly groundwater monitoring event for 2008, which was performed on June 17, 18, and 19, 2008. A total of 22 monitoring wells were sampled during this event. Table 1 presents a summary of the collected samples.

The monitoring wells were sampled using low-flow sampling methods in accordance with the *Field Sampling Plan (FSP)* (Blasland, Bouck & Lee [BBL], 2001, as amended). The static groundwater level in each well was measured to the nearest hundredth of one foot using an electronic water level probe prior to sampling (Table 2). Each well was purged until stability of the measured field parameters was reached. Field-measured data, which are summarized in Table 3, include temperature, specific electrical conductivity, dissolved oxygen (DO), oxidation/reduction potential (ORP), pH, and turbidity. Groundwater samples were submitted to Merit Analytical Laboratories of East Lansing, Michigan, as described in the FSP, and analyzed using the procedures specified in the *Quality Assurance*

Imagine the result

Date:  
September 29, 2008

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B0064410 #2.04


*Project Plan (QAPP)* (BBL, 2001, as amended) for volatile organic compounds (VOCs). The analytical results were validated as specified in the QAPP by Conestoga-Rovers & Associates (CRA) of Waterloo, Ontario, and the data validation report is provided as Attachment 1.

The analytical results, summarized in Table 4, are consistent with historical ranges at all locations, with one exception. Benzene was detected in groundwater at monitoring well RFI-17-02D at a concentration of 0.031 mg/L, which is above the Industrial Drinking Water criterion (IDW) of Part 201 of the Michigan Natural Resources and Environmental Protection Act, Public Act 451 (Part 201) of 0.005 mg/L. Benzene was detected at a concentration of 0.001 mg/L (which is the reported detection limit) at this location in March 2008. Benzene has not been detected above Part 201 criteria in the closest monitoring wells located upgradient of RFI-17-02D or in the co-located shallow monitoring well (RFI-17-02). This monitoring well will be sampled again in September 2008, as part of the annual groundwater monitoring program, to confirm that this result is not indicative of changing groundwater conditions.

If you have any questions, please contact me.

Sincerely,

ARCADIS

  
Lisa R. Coffey  
Principal Geologist

Attachments:

Table 1 – June 2008 Groundwater Sample Collection Summary  
Table 2 – June 2008 Groundwater Elevation Data  
Table 3 – June 2008 Field Parameter Data  
Table 4 – June 2008 and Historical Groundwater Analytical Data  
Attachment 1 – Data Validation Report

Copies:

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Amanda Kurzman, GM  
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William Yocum, MDEQ  
Stephen Song, ENVIRON  
Derek Kaiding, ARCADIS  
Flint Public Library, c/o Derek Kaiding (ARCADIS)

**Table 1. June 2008 Quarterly Groundwater Sample Collection Summary, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan**

Sampling Location	Area of Interest (AOI)	Property	Constituents of Concern
RFI-02-24	02-B	UPF	VOCs
RFI-09-14	09-B	DuPont	VOCs
RFI-09-46	09-B	DuPont	VOCs
RFI-09-48	09-B	City of Flint	VOCs
RFI-10-24	10-2	City of Flint	VOCs
RFI-10-28	10-2	Crown Central Transport	VOCs
RFI-10-29	10-2	City of Flint	VOCs
RFI-10-33	10-2	Crown Central Transport	VOCs
RFI-10-35	10-2	City of Flint	VOCs
RFI-10-36	10-2	City of Flint	VOCs
RFI-17-02	17-A	GM	VOCs
RFI-17-02D	84-D	GM	VOCs
RFI-36-19	36-1	City of Flint	VOCs
RFI-36-47	36-1	CXS	VOCs
RFI-36-48	36-1	Consumers	VOCs
RFI-36-55	36-1	City of Flint	VOCs
RFI-36-56	36-1	City of Flint	VOCs
RFI-84-06R	84-D	GM	VOCs
RFI-84-06RD	84-D	GM	VOCs
RFI-84-09D	84-D	GM	VOCs
RFI-84-09S	84-D	GM	VOCs
RFI-94-11	94-B	City of Flint	VOCs

**Table 2. June 2008 Groundwater Elevation Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan**

Well ID	Measuring Point Elevation (feet)	6/17-6/19/08	
		Depth to Water (feet)	Groundwater Elevation
RFI-02-24	729.88	1.12	728.76
RFI-09-14	724.44	15.66	708.78
RFI-09-46	723.17	8.80	714.37
RFI-09-48	719.88	10.07	709.81
RFI-10-24	751.53	10.46	741.07
RFI-10-28	752.58	12.45	740.13
RFI-10-29	752.40	12.67	739.73
RFI-10-33	755.30	12.72	742.58
RFI-10-35	755.69	14.68	741.01
RFI-10-36	752.82	12.47	740.35
RFI-17-02	720.27	4.85	715.42
RFI-17-02D	720.36	4.78	715.58
RFI-36-19	753.31	14.65	738.66
RFI-36-47	749.26	13.67	735.59
RFI-36-48	757.71	20.07	737.64
RFI-36-55	750.49	12.56	737.93
RFI-36-56	749.97	12.04	737.93
RFI-84-06R	728.54	4.40	724.14
RFI-84-06RD	720.18	6.44	713.74
RFI-84-09S	719.43	9.10	710.33
RFI-84-09D	719.27	8.38	710.89
RFI-94-11	719.54	8.15	711.39

**Note:**

Groundwater elevation relative to the National Geodetic Vertical Datum (NGVD) of 1929.

**Table 3. June 2008 Field Parameter Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan**

Well ID	Date Sampled	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)	Oxidation Reduction Potential (mV)
RFI-02-24	6/18/2008	17.18	NA	0.500	0.45	3.67	66.5
RFI-09-14	6/18/2008	11.67	6.72	0.570	1.02	4.04	-2.4
RFI-09-46	6/17/2008	11.94	7.08	2.990	0.99	1.09	-131.8
RFI-09-48	6/17/2008	14.81	7.60	3.577	0.23	3.67	-123.3
RFI-10-24	6/17/2008	11.10	7.30	0.896	1.98	1.23	23.7
RFI-10-28	6/18/2008	11.01	6.97	0.552	1.44	2.36	194.6
RFI-10-29	6/17/2008	10.98	6.94	0.502	0.86	1.29	-209.4
RFI-10-33	6/18/2008	11.63	7.04	0.313	1.55	0.82	124.1
RFI-10-35	6/17/2008	11.90	7.22	0.955	2.88	2.87	38.5
RFI-10-36	6/17/2008	10.89	6.79	0.530	2.09	0.85	29.7
RFI-17-02	6/17/2008	16.97	6.88	0.889	0.99	0.34	35.4
RFI-17-02D	6/17/2008	15.12	7.34	1.646	0.51	0.76	-97.6
RFI-36-19	6/18/2008	13.14	6.82	0.917	4.75	0.41	134.1
RFI-36-47	6/19/2008	12.33	6.81	0.792	0.75	11.30	-2.6
RFI-36-48	6/19/2008	12.15	6.81	0.729	3.03	0.54	58.5
RFI-36-55	6/18/2008	10.10	6.74	0.551	2.91	1.17	-1.7
RFI-36-56	6/18/2008	11.00	7.24	0.603	0.90	4.37	131.5
RFI-84-06R	6/17/2008	17.44	8.19	1.475	0.52	4.56	-145.1
RFI-84-06RD	6/17/2008	14.56	7.45	7.286	0.26	1.16	-58.2
RFI-84-09S	6/17/2008	16.16	7.13	1.706	0.44	1.20	-110.4
RFI-84-09D	6/17/2008	16.05	7.09	1.917	0.44	2.99	-145.7
RFI-94-11	6/19/2008	14.37	6.83	3.852	0.58	11.40	-28.5

**Notes:**

°C = Celsius.

mg/L = milligrams per liter.

mV = millivolts.

NTUs = Nephelometric Turbidity Units.

SU = Standard Units.

mS/cm = milliSiemens per centimeter.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	Flammability and Explosivity Screening Level (FE)	Acute Inhalation Screening Level (GAI)	Groundwater Contact Criteria (GCC)	Groundwater Surface Water Interface (GSI)	Industrial & Commercial II, III & IV Drinking Water Criteria (IDW)	Industrial & Commercial II, III & IV Groundwater Volatilization to Indoor Air Inhalation Criteria (IGVIA)	Residential & Commercial I Drinking Water Criteria (RDW)	Residential & Commercial I Groundwater Volatilization to Indoor Air Inhalation Criteria (RGVIA)	RFI-02-24 04/05/05	RFI-02-24 12/08/05
VOC											
1,1,1-Trichloroethane	mg/L	{ID}	1,300 (S)	1,300 (S)	0.2	0.2 (A)	1,300 (S)	0.2 (A)	660	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,2,2-Tetrachloroethane	mg/L	{ID}	{ID}	4.7	0.078 (X)	0.035	77	0.0085	12	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,2-Trichloroethane	mg/L	{NA}	{ID}	21	0.33 (X)	0.005 (A)	110	0.005 (A)	17	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1-Dichloroethane	mg/L	380	{ID}	2,400	0.74	2.5	2,300	0.88	1,000	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1-Dichloroethene	mg/L	97 (I)	140 (I)	11 (I)	0.065 (I,X)	0.007 (I,A)	1.3 (I)	0.007 (I,A)	0.2 (I)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2,4-Trichlorobenzene	mg/L	{NA}	300 (S)	19	0.03	0.07 (A)	300 (S)	0.07 (A)	300 (S)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	{NA}	{ID}	0.39	{NA}	0.0002 (A)	1.2 (S)	0.0002 (A)	1.2 (S)	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	{ID}	{ID}	0.025	0.0002 (X)	0.00005 (A)	15	0.00005 (A)	2.4	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichlorobenzene	mg/L	{NA}	160 (S)	160 (S)	0.016	0.6 (A)	160 (S)	0.6 (A)	160 (S)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichloroethane	mg/L	2,500 (I)	{ID}	19 (I)	0.36 (I,X)	0.005 (I,A)	59 (I)	0.005 (I,A)	9.6 (I)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichloropropane	mg/L	550 (I)	2,800 (I,S)	16 (I)	0.29 (I,X)	0.005 (I,A)	36 (I)	0.005 (I,A)	16 (I)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,3-Dichlorobenzene	mg/L	{ID}	{ID}	2	0.038	0.019	{ID}	0.0066	{ID}	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,4-Dichlorobenzene	mg/L	{NA}	{ID}	6.4	0.013	0.075 (A)	74 (S)	0.075 (A)	16	ND(0.0010)	ND(0.0010) [ND(0.0010)]
2-Butanone (Methyl Ethyl Ketone)	mg/L	{ID}	240,000 (I,S)	240,000 (I,S)	2.2 (I)	38 (I)	240,000 (I,S)	13 (I)	240,000 (I,S)	ND(0.030)	ND(0.030) [ND(0.030)]
2-Hexanone	mg/L	{NA}	{ID}	5,200	{NA}	2.9	8,700	1	4,200	ND(0.050)	ND(0.050) [ND(0.050)]
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	{ID}	20,000 (I,S)	13,000 (I)	{ID}	5.2 (I)	20,000 (S)	1.8 (I)	20,000 (I,S)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Acetone	mg/L	15,000 (I)	1,000,000 (I,D)	31,000 (I)	1.7 (I)	2.1 (I)	1,000,000 (I,D,S)	0.73 (I)	1,000,000 (I,D,S)	ND(0.030 J)	ND(0.030) [ND(0.030)]
Benzene	mg/L	68 (I)	67 (I)	11 (I)	0.2 (I,X)	0.005 (I,A)	35 (I)	0.005 (I,A)	5.6 (I)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromodichloromethane	mg/L	{ID}	{ID}	14	{ID}	0.08 (A,W)	37	0.08 (A,W)	4.8	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromoform	mg/L	{ID}	{ID}	140	{ID}	0.08 (A,W)	3,100 (S)	0.08 (A,W)	470	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]
Bromomethane (Methyl Bromide)	mg/L	{ID}	{ID}	70	0.035	0.029	9	0.01	4	R	ND(0.0020) [ND(0.0020)]
Carbon disulfide	mg/L	13 (I,R)	{ID}	1,200 (I,R,S)	{ID}	2.3 (I,R)	550 (I,R)	0.8 (I,R)	250 (I,R)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Carbon tetrachloride	mg/L	{ID}	96	4.6	0.045 (X)	0.005 (A)	2.4	0.005 (A)	0.37	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene	mg/L	160 (I)	{ID}	86 (I)	0.047 (I)	0.1 (I,A)	470 (I,S)	0.1 (I,A)	210 (I)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroethane	mg/L	110	{ID}	440	{ID}	1.7	5,700 (S)	0.43	5,700 (S)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroform (Trichloromethane)	mg/L	{ID}	{ID}	150	0.17 (X)	0.08 (A,W)	180	0.08 (A,W)	28	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloromethane (Methyl Chloride)	mg/L	36 (I)	210 (I)	490 (I)	{ID}	1.1 (I)	45 (I)	0.26 (I)	8.6 (I)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
cis-1,2-Dichloroethene	mg/L	530	{ID}	200	0.62	0.07 (A)	210	0.07 (A)	93	0.00080 J	0.00080 J [0.00080 J]
cis-1,3-Dichloropropene	mg/L	--	--	--	--	--	--	--	--	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Cyclohexane	mg/L	--	--	--	--	--	--	--	--	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]
Dibromochloromethane	mg/L	{ID}	{ID}	18	{ID}	0.08 (A,W)	110	0.08 (A,W)	14	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Dichlorodifluoromethane (CFC-12)	mg/L	{ID}	{ID}	300 (S)	{ID}	4.8	300 (S)	1.7	220	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Ethylbenzene	mg/L	43 (I)	170 (I,S)	170 (I,S)	0.018 (I)	0.7 (I,E)	170 (I,S)	0.7 (I,E)	110 (I)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Isopropylbenzene	mg/L	29	{ID}	56 (S)	{ID}	2.3	56 (S)	0.8	56 (S)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
m&p-Xylene	mg/L	--	--	--	--	--	--	--	--	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Methyl acetate	mg/L	--	--	--	--	--	--	--	--	ND(0.010)	ND(0.010) [ND(0.010)]
Methyl cyclohexane	mg/L	--	--	--	--	--	--	--	--	ND(0.020)	ND(0.020) [ND(0.020)]
Methyl Tert Butyl Ether	mg/L	{ID}	{ID}	610	0.73 (X)	0.69 (E)	47,000 (S)	0.24 (E)	47,000 (S)	ND(0.0050 J)	ND(0.0050) [ND(0.0050)]
Methylene chloride	mg/L	{ID}	{ID}	220	0.94 (X)	0.005 (A)	1,400	0.005 (A)	220	ND(0.0050)	ND(0.0050) [ND(0.0050)]
o-Xylene	mg/L	--	--	--	--	--	--	--	--	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Styrene	mg/L	140	310 (S)	9.7	0.08	0.1 (A)	310 (S)	0.1 (A)	170	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Tetrachloroethene	mg/L	{ID}	200 (S)	12	0.045 (X)	0.005 (A)	170	0.005 (A)	25	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Toluene	mg/L	61 (I)	{ID}	530 (I,S)	0.14 (I)	1 (I,E)	530 (I,S)	1 (I,E)	530 (I,S)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
trans-1,2-Dichloroethene	mg/L	230	{ID}	220	1.5	0.1 (A)	200	0.1 (A)	85	ND(0.0010)	ND(0.0010) [ND(0.0010)]
trans-1,3-Dichloropropene	mg/L	--	--	--	--	--	--	--	--	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichloroethene	mg/L	{ID}	1,100 (S)	22	0.2 (X)	0.005 (A)	97	0.005 (A)	15	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichlorofluoromethane (CFC-11)	mg/L	{ID}	1,100 (S)	1,100 (S)	{NA}	7.3	1,100 (S)	2.6	1,100 (S)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trifluorotrchloroethane (Freon 113)	mg/L	{ID}	170 (S)	170 (S)	0.032	170 (S)	170 (S)	170 (S)	170 (S)	ND(0.030)	ND(0.030) [ND(0.030)]
Vinyl chloride	mg/L	33	{ID}	1	0.015	0.002 (A)	13	0.002 (A)	1.1	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Xylenes (total)	mg/L	70 (I)	190 (I,S)	190 (I,S)	0.035 (I)	10 (I,E)	190 (I,S)	10 (I,E)	190 (I,S)	ND(0.0010)	ND(0.0010) [ND(0.0010)]

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-02-24 06/27/07	RFI-02-24 11/01/07	RFI-02-24 03/18/08	RFI-02-24 06/18/08	RFI-09-14 10/03/01	RFI-09-14 06/26/02	RFI-09-14 03/31/03	RFI-09-14 10/04/04	RFI-09-14 12/08/05	RFI-09-14 06/27/07	RFI-09-14 11/01/07	RFI-09-14 03/18/08
VOC													
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020)	ND(0.0050)	NA	ND(0.0050)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)	NA	ND(0.025)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.050)	NA	ND(0.050)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	0.0020 J	ND(0.025)	NA	0.047	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0010)	NA	ND(0.0010)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050 J)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	0.0010	0.00030 J	0.00040 J	0.0020	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)	NA	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	NA	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	NA	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.020 J)	ND(0.020)	ND(0.0010)	NA	ND(0.0010)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020 J)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00020 J	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrichloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.0010)	NA	ND(0.0010)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	NA	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-09-14 06/18/08	RFI-09-46 12/19/02	RFI-09-46 04/01/03	RFI-09-46 10/05/04	RFI-09-46 06/27/07	RFI-09-46 10/26/07
VOC							
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.025) [ND(0.025)]	ND(0.025)	ND(0.030)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.0010)	ND(0.010)	ND(0.010)
Acetone	mg/L	0.0020 J	0.0061 J [0.0052 J]	ND(0.025)	0.060 J	ND(0.040)	ND(0.020)
Benzene	mg/L	ND(0.0010)	0.70 D (GSI) [0.68 D (GSI)]	0.50 D (GSI) [0.49 D (GSI)]	0.049 (IDW, RDW)	0.034 (IDW, RDW)	0.17 (IDW, RDW)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020 J)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	0.0057 J [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010 J) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0030)	ND(0.0040)	ND(0.013)
cis-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	0.17 D [0.16 D]	0.16 D	0.12 J	0.098	0.14
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	0.0019 [0.0018]	0.0016	0.00040 J	0.00030 J	0.00060 J
Isopropylbenzene	mg/L	ND(0.0010)	0.017 [0.016]	0.015	0.0090	0.0070	0.011
m&p-Xylene	mg/L	ND(0.0010)	0.045 [0.043]	0.038	0.016 J	0.0080	0.012
Methyl acetate	mg/L	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010 J)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	0.049 [0.045]	0.048	0.040	0.030	0.040
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	0.0061 J [0.0059 J]	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.00090 J
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	0.0082 [0.0078]	0.0067	0.0030	0.0020	0.0040
Styrene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	0.00010 J	0.019 [0.018]	0.016	0.0060	0.0040	0.0070
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	0.053 (GSI) [0.051 (GSI)]	0.045 (GSI)	0.019 J	0.010	0.016

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-09-46 03/18/08	RFI-09-46 06/17/08	RFI-09-48 04/24/03	RFI-09-48 10/06/04	RFI-09-48 12/08/05	RFI-09-48 11/01/06	RFI-09-48 04/23/07	RFI-09-48 06/27/07
VOC									
1,1,1-Trichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,2-Trichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1-Dichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1-Dichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2,4-Trichlorobenzene	mg/L	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0050)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichloropropane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,3-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,4-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.0020 J [ND(0.020)]	ND(0.020)	ND(0.025)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
2-Hexanone	mg/L	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Acetone	mg/L	ND(0.020) [ND(0.020)]	ND(0.030)	0.0019 J	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020) J	ND(0.020) [ND(0.020)]
Benzene	mg/L	0.026 (IDW,RDW) [0.025 (IDW,RDW)]	0.026 (IDW,RDW)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromodichloromethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromofom	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010) J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020 J) [ND(0.0020 J)]	ND(0.0020)	ND(0.0010)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Carbon disulfide	mg/L	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Carbon tetrachloride	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroethane	mg/L	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroform (Trichloromethane)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloromethane (Methyl Chloride)	mg/L	ND(0.0040) [ND(0.0050)]	ND(0.0060 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
cis-1,2-Dichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
cis-1,3-Dichloropropene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Cyclohexane	mg/L	0.085 [0.085]	0.10	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010) J	ND(0.0010) J	ND(0.0010) [ND(0.0010)]
Dibromochloromethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) J [ND(0.0010 J)]
Ethylbenzene	mg/L	0.00040 J [0.00040 J]	0.00040 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Isopropylbenzene	mg/L	0.0070 [0.0070]	0.0080	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
m&p-Xylene	mg/L	0.0070 [0.0070]	0.0080	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Methyl acetate	mg/L	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Methyl cyclohexane	mg/L	0.030 [0.030]	0.040	ND(0.0010)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
Methyl Tert Butyl Ether	mg/L	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Methylene chloride	mg/L	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
o-Xylene	mg/L	0.0020 [0.0020]	0.0020	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Styrene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Tetrachloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Toluene	mg/L	0.0040 [0.0040]	0.0040	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00020 J	ND(0.0010) [ND(0.0010)]
trans-1,2-Dichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
trans-1,3-Dichloropropene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.0010)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030) [ND(0.030)]
Vinyl chloride	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Xylenes (total)	mg/L	0.0090 [0.0090]	0.010	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-09-48 11/01/07	RFI-09-48 03/18/08	RFI-09-48 06/17/08	RFI-10-24 02/20/02	RFI-10-24 06/25/02	RFI-10-24 03/26/03	RFI-10-24 10/06/04	RFI-10-24 12/08/05	RFI-10-24 06/28/07	RFI-10-24 10/25/07	RFI-10-24 03/20/08	RFI-10-24 06/17/08
VOC													
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020 J)	ND(0.0020)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010 J)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020 J)	ND(0.020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	0.00030 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-10-28 12/12/02	RFI-10-28 10/06/04	RFI-10-28 12/08/05	RFI-10-28 10/25/07	RFI-10-28 03/27/08	RFI-10-28 06/18/08	RFI-10-29 12/12/02	RFI-10-29 06/30/05	RFI-10-29 12/08/05	RFI-10-29 06/28/07	RFI-10-29 10/25/07
VOC												
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0050)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0050)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.011 J	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050 J) [ND(0.050 J)]	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.050)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.050)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.010)
Acetone	mg/L	0.21 JD	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	0.0019 J	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)
Benzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0010 J)	ND(0.0020 J) [ND(0.0020 J)]	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020 J)	ND(0.0010 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0030)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0030)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0050)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0020)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J
Methyl acetate	mg/L	ND(0.0030)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0030)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.0030)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.0030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	0.00051 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethane	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.0030)	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.0030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0020)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-10-29 03/20/08	RFI-10-29 06/17/08	RFI-10-33 06/29/05	RFI-10-33 12/08/05	RFI-10-33 10/25/07	RFI-10-33 03/20/08	RFI-10-33 06/18/08	RFI-10-35 06/29/05	RFI-10-35 12/08/05
VOC										
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	0.019	0.063	0.076 [0.076]	0.0090	0.018	0.0030	0.0010
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	0.021	0.060	0.068 [0.073]	0.0050	0.012	0.015	0.031
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	0.0040	0.010 (IDW,RDW)	0.011 (IDW,RDW) [0.012 (IDW,RDW)]	0.0010	0.0030	0.0010	0.0020
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.0010)	ND(0.0010)
Acetone	mg/L	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020 J)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010 J)	ND(0.0010)	0.0040	0.0050	0.0030 [0.0040]	ND(0.0010 J)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00040 J [0.00040 J]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrichloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-10-35 06/28/07	RFI-10-35 10/25/07	RFI-10-35 03/27/08	RFI-10-35 06/17/08	RFI-10-36 06/29/05	RFI-10-36 12/08/05	RFI-10-36 06/28/07	RFI-10-36 10/25/07	RFI-10-36 03/20/08	RFI-10-36 06/17/08	RFI-17-02 10/03/01
VOC												
1,1,1-Trichloroethane	mg/L	0.00020 J	0.00060 J	0.00090 J [0.00070 J]	0.0020	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	0.029	0.038	0.036 [0.035]	0.029	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	0.0020	0.0040	0.0030 [0.0030]	0.0030	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.050)
Acetone	mg/L	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020 J) [ND(0.0020 J)]	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0010)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0090	ND(0.0010 J)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	0.00020 J [0.00020 J]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	0.00010 J	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
m&p-Xylene	mg/L	0.00010 J	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.0010)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.0010)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	0.00010 J	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

	Location ID: Date Collected:	Units	RFI-17-02 06/09/05	RFI-17-02 12/08/05	RFI-17-02 11/01/06	RFI-17-02 04/24/07	RFI-17-02 06/26/07	RFI-17-02 10/26/07	RFI-17-02 03/18/08	RFI-17-02 06/17/08	RFI-17-02D 07/29/05	RFI-17-02D 12/08/05
VOC												
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	0.0020	0.0020	0.0020	0.0010	0.0010 J	0.0080 J	0.0070 J	0.0080 J	0.0080 J [0.0080 J]	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.030)	ND(0.030)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.0010)	ND(0.0010)
Acetone	mg/L	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	R	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.030)	ND(0.030)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromofom	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0010 J	ND(0.0010)	ND(0.0010) [ND(0.0010)]	0.0030	0.0030
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	R	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	0.0030 J	0.0040 J	0.0030 J	0.0020 J	0.0020 J	0.0010 J	0.0010 J	0.0040 J	0.0040 J [0.0040 J]	0.0030 J	0.0030 J
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	0.0090 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0060 J	ND(0.0010)	ND(0.0010) [ND(0.0010)]	0.0030 (DW,RDW)	0.0030 (DW,RDW)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-17-02D 11/01/06	RFI-17-02D 04/24/07	RFI-17-02D 06/27/07	RFI-17-02D 10/26/07	RFI-17-02D 03/18/08	RFI-17-02D 06/17/08	RFI-36-19 09/28/01	RFI-36-19 10/06/04	RFI-36-19 12/08/05	RFI-36-19 06/26/07	RFI-36-19 10/30/07
VOC												
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	0.00020 J	0.00030 J	0.00050 J	0.00080 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020)	ND(0.0050)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	mg/L	ND(0.020)	0.0060 J	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)	ND(0.030)	ND(0.030)	R	ND(0.020)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0010	0.0031 (IDW/RDW)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0010)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	0.0040	0.0010	0.0020	0.0040	0.0030	0.0040	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010 J)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	R	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010 J)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020 J)	ND(0.020)	ND(0.0010)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	0.0020 J	0.0090 J	0.0010 J	0.0070 J	0.0070 J	0.0050 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0010 J
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0032	0.0080 J	ND(0.0010)	ND(0.0010)	0.0030 J
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.0010)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	0.0020	ND(0.0010)	0.0020	0.0030 (IDW/RDW)	0.0020	0.0020	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-36-19 03/20/08	RFI-36-19 06/18/08	RFI-36-47 12/13/02	RFI-36-47 03/25/03	RFI-36-47 06/10/05	RFI-36-47 12/09/05	RFI-36-47 04/23/07	RFI-36-47 06/26/07	RFI-36-47 10/30/07	RFI-36-47 03/20/08
VOC											
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.19	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	0.0085	0.0040	0.0060	0.56	0.0030	0.014	0.019 [0.017]	0.010
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.070 (IDW, RDW)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0050)	ND(0.0050)	ND(0.0020)	ND(0.020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.020)	ND(0.025)	ND(0.025)	ND(0.030)	ND(0.30)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.50)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.010)	ND(0.050)	ND(0.050)	ND(0.0010)	ND(0.010 J)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Acetone	mg/L	ND(0.020)	ND(0.020)	0.0013 J	ND(0.025)	ND(0.030)	ND(0.30)	ND(0.020 J)	R	ND(0.020) [ND(0.020)]	ND(0.020)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020 J)	ND(0.0020 J)	ND(0.0010 J)	ND(0.0010)	ND(0.0020)	ND(0.020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020 J)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chloroethane	mg/L	ND(0.0010 J)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.12	ND(0.0010)	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]	ND(0.0010 J)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.010	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0030)	ND(0.0050)	ND(0.0010)	ND(0.010)	ND(0.0010 J)	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	R	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0020)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.0030)	ND(0.0050)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.0030)	ND(0.0010 J)	ND(0.020)	ND(0.20)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)	0.0020 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	0.00020 J	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	0.0020	0.0020	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.0030)	ND(0.0010)	ND(0.030)	ND(0.30)	ND(0.030)	ND(0.030 J)	ND(0.030) [ND(0.030)]	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.020 (IDW, RDW)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0020)	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)

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Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-36-47 06/19/08	RFI-36-48 12/13/02	RFI-36-48 02/28/05	RFI-36-48 06/10/05	RFI-36-48 12/09/05
VOC						
1,1,1-Trichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,2-Trichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1-Dichloroethane	mg/L	0.012 [0.011]	ND(0.0010)	0.0030 [0.0020]	0.0020	0.17 [0.18]
1,1-Dichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.0050 [0.0050]
1,2,4-Trichlorobenzene	mg/L	ND(0.0020) [ND(0.0020)]	ND(0.0050)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020) [ND(0.0020)]
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichloropropane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,3-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	0.00077 J	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,4-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020) [ND(0.020)]	ND(0.025)	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030) [ND(0.030)]
2-Hexanone	mg/L	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050 J) [ND(0.050 J)]	ND(0.050)	ND(0.050) [ND(0.050)]
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010) [ND(0.010)]	ND(0.050)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Acetone	mg/L	ND(0.020) [ND(0.020)]	0.0017 J	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030) [ND(0.030)]
Benzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromodichloromethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromoform	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020 J) [ND(0.0020 J)]	ND(0.0010 J)	R [R]	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Carbon disulfide	mg/L	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Carbon tetrachloride	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroethane	mg/L	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	0.0020 [0.0010]	ND(0.0010)	0.0050 [0.0060]
Chloroform (Trichloromethane)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010 J)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
cis-1,2-Dichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
cis-1,3-Dichloropropene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Cyclohexane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0030)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Dibromochloromethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Ethylbenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Isopropylbenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0050)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
m&p-Xylene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0020)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Methyl acetate	mg/L	ND(0.010) [ND(0.010)]	ND(0.0030)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) [ND(0.010)]
Methyl cyclohexane	mg/L	ND(0.020) [ND(0.020)]	ND(0.0030)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020) [ND(0.020)]
Methyl Tert Butyl Ether	mg/L	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.00020 J [0.00030 J]	ND(0.0050)	0.0040 J [0.0040 J]
Methylene chloride	mg/L	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) [ND(0.0050)]
o-Xylene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Styrene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Tetrachloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Toluene	mg/L	0.00010 J [ND(0.0010)]	0.00086 J	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
trans-1,2-Dichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
trans-1,3-Dichloropropene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030) [ND(0.030)]	ND(0.0030)	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030) [ND(0.030)]
Vinyl chloride	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.0050 (IDW,RDWW) [0.0060 (IDW,RDWW)]	0.0040 (IDW,RDWW)	0.064 (IDW,RDWW) [0.064 (IDW,RDWW)]
Xylenes (total)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0020)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010) [ND(0.0010)]

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-36-48 09/30/07	RFI-36-48 03/20/08	RFI-36-48 06/19/08	RFI-36-55 07/06/05	RFI-36-55 12/09/05	RFI-36-55 06/26/07	RFI-36-55 10/30/07	RFI-36-55 03/20/08	RFI-36-55 06/18/08
VOC										
1,1,1-Trichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	0.00020 J	0.00060 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	0.025 [0.024]	0.017	0.027	ND(0.0010)	ND(0.0010)	0.0020	0.0020	0.013	0.033
1,1-Dichloroethene	mg/L	0.00060 J [0.00060 J]	0.00090 J	0.0020	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020 J) [ND(0.020 J)]	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010 J) [ND(0.010 J)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	mg/L	ND(0.020 J) [ND(0.020 J)]	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)	0.0070 J	0.0050 J	ND(0.020)	0.0030 J
Benzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020) [ND(0.0020)]	ND(0.0020 J)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020 J)
Carbon disulfide	mg/L	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010 J)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010 J)	ND(0.0010 J)
Chloroform (Trichloromethane)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.00020 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	R	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	0.00020 J	ND(0.0010)	0.0010	0.00090 J	0.00030 J	0.00030 J
m&p-Xylene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010 J) [ND(0.010 J)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020 J) [ND(0.020 J)]	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0010 J	0.00020 J	0.00040 J	0.00030 J	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050 J) [ND(0.0050 J)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	0.0010 J	ND(0.0010)	ND(0.0010)	0.00020 J	0.0050	0.0060 (IDW, RDW)
Toluene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030 J)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	0.0030 (IDW, RDW) [0.0030 (IDW, RDW)]	0.0030 (IDW, RDW)	0.0020	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	0.00090 J	0.00060 J	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)

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Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-36-56 07/21/05	RFI-36-56 12/09/05	RFI-36-56 06/26/07	RFI-36-56 10/30/07	RFI-36-56 03/20/08	RFI-36-56 06/18/08	RFI-84-06R 04/02/03	RFI-84-06R 07/22/05	RFI-84-06R 12/08/05	RFI-84-06R 11/01/06	RFI-84-06R 04/24/07
VOC												
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	0.0040	0.0050	0.0040	0.0040	0.00030 J	0.0030	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00040 J
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.050)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.010)
Acetone	mg/L	ND(0.030)	ND(0.030)	R	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.025)	ND(0.030)	ND(0.030)	ND(0.020)	0.010 J
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0030	0.0050
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020 J)	ND(0.0010)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010 J)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010 J)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0010 J)	ND(0.0010)	ND(0.0010 J)	ND(0.0010 J)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	R	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0010)	ND(0.0010)	0.00030 J	0.00040 J
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.0010)	ND(0.020)	ND(0.020)	ND(0.020)	0.00030 J
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.00030 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	0.00030 J	0.00080 J	0.00050 J	0.00050 J	ND(0.0010)	0.00020 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrichloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030 J)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.0010)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-84-06R 06/26/07	RFI-84-06R 10/26/07	RFI-84-06R 03/17/08	RFI-84-06R 06/17/08	RFI-84-06RD 07/21/05	RFI-84-06RD 12/08/05	RFI-84-06RD 11/02/06	RFI-84-06RD 04/24/07	RFI-84-06RD 06/27/07	RFI-84-06RD 10/26/07	RFI-84-06RD 03/17/08
VOC												
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	0.00080 J	0.00070 J	0.00050 J	0.00070 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	mg/L	0.0040 J	ND(0.020)	0.0040 J	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020 J)	ND(0.020)	ND(0.020)	ND(0.020)
Benzene	mg/L	0.0070 (IDW,RDW)	0.0010	0.0060 (IDW,RDW)	0.0040	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	0.0020 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	R	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	0.00020 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	0.00080 J	0.00020 J	0.00030 J	0.00040 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	0.00010 J	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	0.00070 J	ND(0.020)	ND(0.020 J)	0.00030 J	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020 J)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrichloroethane (Freon 113)	mg/L	ND(0.030 J)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00010 J	0.00010 J	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-84-06RD 06/17/08	RFI-84-09D 07/22/05	RFI-84-09D 12/08/05	RFI-84-09D 11/01/05	RFI-84-09D 04/24/07	RFI-84-09D 06/28/07	RFI-84-09D 10/26/07
VOC								
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acetone	mg/L	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	0.0090 J [0.010 J]	ND(0.020)	ND(0.020)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	ND(0.0010)	0.0040	0.0040	0.0040	0.0030 [0.0030]	0.0040	0.0030
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010 J)	ND(0.0010 J) [ND(0.0010 J)]	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010 J)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.00010 J
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	0.0020 J	0.0030 J	0.0030 J	0.0020 J [0.0020 J]	0.0020 J	0.0010 J
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010 J)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	0.00020 J	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00020 J [0.00020 J]	0.00020 J	0.00010 J
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030) [ND(0.030)]	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	0.0030 (IDW,RDW)	0.0030 (IDW,RDW)	0.0030 (IDW,RDW) [0.0030 (IDW,RDW)]	0.0030 (IDW,RDW)	0.0030 (IDW,RDW)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.00010 J

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-84-09D 03/18/08	RFI-84-09D 06/17/08	RFI-84-09S 07/22/05	RFI-84-09S 12/08/05	RFI-84-09S 11/01/06	RFI-84-09S 04/24/07	RFI-84-09S 06/28/07	RFI-84-09S 10/26/07	RFI-84-09S 03/17/08	RFI-84-09S 06/17/08	RFI-94-11 04/07/05
VOC												
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0020	0.0010	0.00050 J	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00050 J	0.00040 J	0.00040 J	0.00040 J	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020 J)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.030)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	mg/L	ND(0.020)	ND(0.020)	ND(0.030)	ND(0.030)	ND(0.020)	ND(0.020 J)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.030 J)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00080 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromofom	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	R
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00030 J	ND(0.0010 J)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	0.0030	0.0030	ND(0.0010)	ND(0.0010)	0.00030 J	0.00030 J	0.00050 J	0.00080 J	0.00040 J	0.00040 J	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010 J)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00020 J	ND(0.0010)	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020 J)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020 J)	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	0.0010 J	0.0010 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00080 J	0.00050 J	0.00040 J	0.00020 J	ND(0.0010)	0.00010 J	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	0.0030 (IDW:RDW)	0.0030 (IDW:RDW)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

Location ID: Date Collected:	Units	RFI-94-11 12/08/05	RFI-94-11 06/28/07	RFI-94-11 11/02/07	RFI-94-11 03/27/08	RFI-94-11 06/19/08
<b>VOC</b>						
1,1,1-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,3-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dichlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
2-Hexanone	mg/L	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND(0.0010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	mg/L	ND(0.030)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Benzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane (Methyl Bromide)	mg/L	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020 J)	ND(0.0020 J)
Carbon disulfide	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon tetrachloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010 J)	ND(0.0010 J)
Chloroform (Trichloromethane)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane (Methyl Chloride)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Cyclohexane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane (CFC-12)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isopropylbenzene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
m&p-Xylene	mg/L	ND(0.0010)	0.00020 J	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl acetate	mg/L	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl cyclohexane	mg/L	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Methyl Tert Butyl Ether	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene chloride	mg/L	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
o-Xylene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Styrene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	mg/L	ND(0.0010)	0.00020 J	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane (CFC-11)	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trifluorotrchloroethane (Freon 113)	mg/L	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Vinyl chloride	mg/L	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	mg/L	ND(0.0010)	0.00020 J	ND(0.0010)	ND(0.0010)	ND(0.0010)

See Notes on Page 19.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

**General Notes:**

Samples were collected by ARCADIS BBL, and submitted Merit Laboratories, for analysis of Project Analyte List (PAL) volatile organic compounds.

Duplicate results are presented in brackets.

Groundwater concentrations are presented in milligrams per liter (mg/L).

Total Xylenes reported as the sum of m&p-Xylene and o-Xylene.

Highlighted cells represent constituent concentrations that exceed at least one of the listed Michigan Part 201 Criteria:

RDW = Residential Drinking Water criteria, updated January 2006.

IDW = Industrial Drinking Water criteria, updated January 2006.

GSI = Groundwater/Surface Water Interaction criteria, updated January 2006.

GCC = Groundwater Contact criteria, updated January 2006.

GAI = Groundwater Acute Inhalation Screening Level, updated January 2006.

RGVIA = Residential & Commercial I Groundwater Volatilization to Indoor Air Inhalation criteria, updated January 2006.

IGVIA = Industrial & Commercial II, III, & IV Groundwater Volatilization to Indoor Air Inhalation criteria, updated January 2006.

FE = Flammability and Explosivity Screening Level, updated January 2006.

**Data Qualifiers:**

U = Not detected. The value represents the associated detection limit.

NS = Not analyzed for this constituent.

D = Concentration is based on a diluted sample analysis.

J = The compound/constituent was positively identified; however, the associated numerical value is an estimated concentration only.

E = Measured concentration exceeded the linear range of the instrument.

A diluted sample analysis was run; however, the undiluted result was chosen as representative of the sample concentration.

R = Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data shall not be used for any qualitative or quantitative purposes.

**MDEQ Criteria Qualifiers:**

ID = *Inadequate data* to develop criterion.

NA = Criterion or value is *not available* or, as is the case for Csat, *not applicable*.

(A) = Criterion is the State of Michigan Drinking Water Standard established pursuant to Section 5 of the Safe Drinking Water Act, Act No. 399 of the Public Acts of 1976.

(D) = Calculated criterion exceeds 100%, hence it is reduced to 100% (i.e., 1.0E+9 ppb). Evaluation of free phase contaminant, environmental impacts, adverse aesthetics and acute or local toxicity is required.

(E) = Criterion is the aesthetic drinking water value, as required by Sec. 20120(1)(5). A Notice of Aesthetic Impact may be employed as an institutional control mechanism where groundwater concentrations exceed the aesthetic DWC, but do not exceed the applicable health-based DWC. Health-based DWC are provided in the table below.

Hazardous Substance	CAS #	Residential Health-Based DWC	Industrial-Commercial Health-Based DWC
Aluminum	7429905	300	4,100
Copper	7440508	1,400	4,000
Diethyl ether	60297	3,700	10,000
Ethylbenzene	100414	700	700
Iron	7439896	2,000	5,600
Manganese	7439965	860	2,500
Methyl-tert-butyl ether (MTBE)	1634044	240	690
Toluene	108883	1,000	1,000
1,2,4-Trimethylbenzene	95636	1,000	2,900
1,3,5-Trimethylbenzene	108678	1,000	2,900
Xylenes	1330207	10,000	10,000

(G) = GSI criterion is pH or water hardness dependent. The Final Chronic Value (FCV) for the protection of aquatic life must be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO<sub>3</sub>/L, use 400 mg CaCO<sub>3</sub>/L for the FCV calculation. The FCV formula provides values in units of ug/L (ppb). The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 X GSI and the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote.

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

MDEQ Criteria Qualifiers (Cont'd.):

Hazardous Substance	FCV Formula ug/L	FCV Conversion Factor (CF)	WV ug/L	HNDV ug/L
Barium*	$EXP(1.0629*(LnH)+1.1869)$	NA	NA	1.6E+5
Beryllium	$EXP(2.5279*(LnH)-10.7689)$	NA	NA	1,200
Cadmium*	$(EXP(0.7852*(LnH)-2.715))*CF$	1.101672-((LnH)*0.04184)	NA	130
Chromium (III)*	$(EXP(0.819*(LnH)+0.6848))*CF$	0.86	NA	9,400
Copper	$(EXP(0.8545*(LnH)-1.702))*CF$	0.96	NA	64,000
Lead*	$(EXP(1.273*(LnH)-3.296))*CF$	1.46203-((LnH)*0.14571)	NA	190
Manganese	$EXP(0.8784*(LnH)+2.226)$	NA	NA	59,000
Nickel	$(EXP(0.846*(LnH)+0.0584))*CF$	0.997	NA	2.1E+5
Pentachlorophenol*	$EXP(1.005*(pH)-5.134)$	NA	NA	2.8
Zinc	$(EXP(0.8473*(LnH)+0.884))*CF$	0.986	NA	22,000

Where,

$EXP(x)$  = The base of the natural logarithm raised to power x (e<sup>x</sup>).

LnH = The natural logarithm of water hardness in mg CaCO<sub>3</sub>/L.

SS = Total suspended solids in mg/L.

\* = The multiplication symbol.

x = The GSI criterion developed here may not be protective for surface water that is used as a drinking water source. Refer to footnote (X) for further guidance.

A spreadsheet that may be used to calculate GSI and GSI PC for (G) footnoted hazardous substances is available at <http://www.deq.state.mi.us/erd>.

{I} = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 CFR 261.21.

{J} = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria.

{M} = Calculated criterion is below the analytical Target Detection Limit (TDL), therefore, the criterion defaults to the TDL.

{R} = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 CFR 261.23.

{S} = Criterion defaults to the chemical-specific water solubility limit.

{W} = Concentrations of trihalomethanes in groundwater must be added together to determine compliance with the State of Michigan Drinking Water Standard of 100 ug/L. Concentrations of trihalomethanes in soil must be added together to determine compliance with the DWPC of 2,000 ug/kg.

{X} = The GSI criterion shown is not protective for surface water that is used as a drinking water source. For groundwater discharges to the Great Lakes and their connecting waters or discharges in close proximity to water supply intake(s) in inland surface waters, the generic GSI criterion is the Surface Water Human Drinking Water Value (HDV) listed in the table below except for those HDV indicated with an asterisk. For HDV with an asterisk, the generic GSI criterion is the lesser of the HDV, the WV and the calculated FCV (see formulas in footnote (G)). Soil protection criteria based on the HDV are listed below except for those values with an asterisk. Soil GSI protection criteria for compounds with an asterisk are the greater of the 20 X GSI and GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote.

Hazardous Substance	Chemical Abstract Service Number	Surface Water Human Drinking Water Values (HDV) (ug/L)	Soil GSI Protection Criteria for HDV (ug/Kg)
Acrylonitrile	107131	2.0 (M); 0.87	100 (M); 17
Alachlor	15972608	3.5	91
Antimony	7440360	2	1,400
Arsenic	7440382	50	23,000
Atrazine	1912249	4.3	86
Barium	7440393	1,900*	*
Benzene	71432	12	240
bis(2-Chloroethyl)ether	111444	1 (M); 0.79	100 (M); 20
Bromate	15541454	10 (M); 0.5	200 (M); 10
Butyl benzyl phthalate	85687	6.9	13,000
Cadmium	7440439	2.5*	*
Carbon tetrachloride	56235	5.6	110
Chloride	16887006	50,000	1.00E+06
Chloroform	67663	77	1,500

Table 4. June 2008 and Historical Groundwater Analytical Data, CA 750 Quarterly Groundwater Monitoring Program, General Motors Corporation, NAO Flint Operations Site - Flint, Michigan

MDEQ Criteria Qualifiers (Cont'd.):

Hazardous Substance	Chemical Abstract Service Number	Surface Water Human Drinking Water Values (HDV) (ug/L)	Soil GSI Protection Criteria for HDV (ug/Kg)
Chromium (III)	16065831	120*	*
Cyanazine	21725462	2 (M); 0.93	200 (M); 40
3,3'-Dichlorobenzidine	91941	0.3 (M); 0.14	2,000 (M); 7.7
1,2-Dichloroethane	107062	6	120
1,1-Dichloroethylene	75354	24	480
1,2-Dichloropropane	78875	9.1	180
N,N-Dimethylacetamide	127195	700	14,000
1,4-Dioxane	123911	34	680
Ethylene dibromide	106934	0.05 (M); 0.006	20 (M); 1.0
Ethylene glycol	107211	56,000	1.10E+06
Heptachlor	76448	0.01 (M); 0.0017	NLL
beta-Hexachlorocyclohexane	319857	0.024	20 (M)
Hexachloroethane	67721	5.3	310
Isophorone	78591	310	6,200
Isopropyl alcohol	67630	28,000	5.60E+05
Lead	7439921	14*	*
Manganese	7439965	3600	72,000
Methyl-tert-butyl ether (MTBE)	1634044	100	2,000
Methylene chloride	75092	47	940
Mirex	2385855	0.02 (M); 1.6E-5	NLL
Molybdenum	7439987	120	2,400
Nitrobenzene	98953	4.7	330 (M); 94
Pentachlorophenol	87865	1.8*	*
1,2,4,5-Tetrachlorobenzene	95943	2.8	3,300
1,1,1,2-Tetrachloroethane	630206	19	380
1,1,2,2-Tetrachloroethane	79345	3.2	64
Tetrachloroethylene	127184	11	220
Tetrahydrofuran	109999	350	7,000
Thallium	7440280	2.0 (M); 1.2	2,300
1,1,2-Trichloroethane	79005	12	240
Trichloroethylene	79016	29	580



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## MEMORANDUM

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TO: Derek Kaiding REF. NO.: 17307-195021

FROM: Kathleen Willy/bjw/3 *W* DATE: August 5, 2008

C.C.: JoAnn Robertson E-Mail and Hard Copy if Requested

RE: **Data Quality Assessment and Validation  
Quarterly CA 750 Groundwater Sampling  
General Motors NAO Flint Operations  
Flint, Michigan**

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The following details a quality assessment and validation of the analytical data resulting from the collection of 22 water, three trip blanks, and two field duplicate sample from the General Motors Site (Site) in Flint, Michigan in June 2008. The sample summary detailing sample identification, sample location, quality control (QC) samples, and analytical parameters is presented in Table 1. Sample analysis was completed at Merit Laboratories, Inc. in East Lansing, Michigan, in accordance with the methodology presented in Table 2. The QC criteria used to assess the data were established by the method and the following documents:

- i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", USEPA 540/R-99/008, October 1999; and
- ii) "Innovative Approaches to Data Validation", USEPA Region III, June 1995.

Full Contract Laboratory Program (CLP)-equivalent raw data deliverables were provided by the laboratory. The data quality assessment and validation presented in the following subsections were performed based on the sample results and supporting quality assurance/quality control (QA/QC) provided.

### Holding Time Period and Sample Analysis

The holding time period is presented in the analytical method. All samples were prepared and analyzed within the method-required holding time.

### Gas Chromatography/Mass Spectrometer (GC/MS) Mass Calibration

Prior to analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, the volatile organic compound (VOC) method requires the analysis of the tuning compound bromofluorobenzene (BFB). The resulting spectra must meet the criteria cited in the method before analysis is initiated. Analysis of the tuning compound must then be repeated every 12 hours throughout sample analysis to ensure the continued optimization of the instrument.

Instrument tuning data were reviewed. Tuning compounds were analyzed at the required frequency throughout the VOC analysis periods. All tuning criteria were met for the analyses, indicating proper optimization of the instrumentation.

#### Initial Calibration - GC/MS

To quantify compounds of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a minimum of a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range.

Calibration data were reviewed for all samples. Linearity of the calibration curve and instrument sensitivity were evaluated against the following criteria:

- i) all relative response factors (RRFs) must be greater than or equal to 0.05; and
- ii) percent relative standard deviation (%RSD) values must not exceed 30 percent or if quadratic/linear regression is used, the correlation coefficient ( $R^2$ ) value must be at least 0.990.

Initial calibration standards were analyzed as required and data showed acceptable sensitivity and linearity.

#### Continuing Calibration - GC/MS

To ensure that instrument calibration is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 12 hours.

The following criteria were employed to evaluate continuing calibration data:

- i) all RRFs values must be greater than or equal to 0.05; and
- ii) percent difference (%D) values must not exceed 25 percent.

Calibration standards were analyzed at the required frequency and all results met the above criteria for instrument sensitivity except for some VOCs which exhibited variability in instrument response. Associated sample data for these compounds were qualified as estimated (see Table 3).

#### Method Blank Samples

Method blanks are prepared and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the procedures.

For this study, method blanks were analyzed at a minimum frequency of one per analytical batch and results were non-detect for analytes of interest with the exception of acetone. Associated sample results with similar concentrations to those found in the method blank were qualified as non-detect (see Table 4). Associated sample results that were either non-detect or significantly greater than the concentrations found in the method blank would not have been impacted.

### Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra were evaluated according to identification criteria established by the methods. The samples identified in Table 1 were reviewed. The organics reported adhered to the specified identification criteria.

### Trip Blanks

Trip blanks are transported, stored, and analyzed with the investigative samples to identify potential cross-contamination of VOCs. Three trip blanks were collected, and results were non-detect for the analytes of interest with the exception of some VOCs present in the blanks at low concentrations. Associated sample results were previously qualified due to a method blank non-compliance.

### Field Duplicates

Two samples were collected in duplicate as summarized in Table 1 and submitted to the laboratory for analysis. All sample results showed acceptable sampling and analytical precision.

### System Performance

System performance between various QC checks was evaluated to monitor for changes that may have caused the degradation of data quality. The samples identified in Table 1 were reviewed. No technical problems or chromatographic anomalies were observed which require qualification of the data.

### Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used as reported with the noted qualifications.

TABLE 1  
 SAMPLE COLLECTION AND ANALYSIS SUMMARY  
 QUARTERLY CA 750 GROUNDWATER SAMPLING  
 GENERAL MOTORS NAO FLINT OPERATIONS  
 FLINT, MICHIGAN  
 JUNE 2008

Sample ID	Location ID	Collection Date (mm/dd/yy)	Collection Time (hr:min)	Analysis/Parameters		Comments
				TCL	VOCs	
RFI-84-09S(061708)	RFI-84-09S	06/17/08	11:42	X		
RFI-17-02D(061708)	RFI-17-02D	06/17/08	10:38	X		
RFI-84-06RD(061708)	RFI-84-06RD	06/17/08	12:44	X		
RFI-09-48(061708)	RFI-09-48	06/17/08	14:39	X		
RFI-10-24(061708)	RFI-10-24	06/17/08	15:45	X		
RFI-10-35(061708)	RFI-10-35	06/17/08	16:55	X		
RFI-17-02(061708)	RFI-17-02	06/17/08	10:27	X		
DUP-1(061708)	RFI-17-02	06/17/08	10:27	X		Field duplicate of sample RFI-17-02(061708)
RFI-84-09D(061708)	RFI-84-09D	06/17/08	11:27	X		
RFI-84-06R(061708)	RFI-84-06R	06/17/08	12:23	X		MS/MSD
RFI-09-46(061708)	RFI-09-46	06/17/08	14:38	X		
RFI-10-36(061708)	RFI-10-36	06/17/08	15:45	X		
RFI-10-29(061708)	RFI-10-29	06/17/08	16:47	X		
TB-1(061708)	Trip Blank	06/17/08	-	X		Trip Blank
RFI-09-14(061808)	RFI-09-14	06/18/08	10:01	X		
RFI-10-28(061808)	RFI-10-28	06/18/08	11:09	X		
RFI-36-55(061808)	RFI-36-55	06/18/08	15:45	X		
RFI-02-24(061808)	RFI-02-24	06/18/08	10:05	X		
RFI-10-33(061808)	RFI-10-33	06/18/08	11:16	X		
RFI-36-19(061808)	RFI-36-19	06/18/08	14:13	X		
RFI-36-56(061808)	RFI-36-56	06/18/08	15:30	X		
TB-2(061808)	Trip Blank	06/18/08	-	X		Trip Blank
RFI-36-47(061908)	RFI-36-47	06/19/08	13:22	X		
RFI-36-48(061908)	RFI-36-48	06/19/08	11:45	X		MS/MSD
RFI-94-11(061908)	RFI-94-11	06/19/08	15:18	X		
DUP-2(061908)	RFI-36-47	06/19/08	13:22	X		Field duplicate of sample RFI-36-47(061908)
TB-3(061908)	Trip Blank	06/19/08	-	X		Trip Blank

## Notes:

MS Matrix Spike.  
 MSD Matrix Spike Duplicate.  
 TCL Target Compound List.  
 VOCs Volatile Organic Compounds.

TABLE 2  
SUMMARY OF ANALYTICAL METHODOLOGIES  
QUARTERLY CA 750 GROUNDWATER SAMPLING  
GENERAL MOTORS NAO FLINT OPERATIONS  
FLINT, MICHIGAN  
JUNE 2008

<i>Parameter</i>	<i>Method</i>
TCL VOCs	SW-846 8260 <sup>1</sup>

## Notes:

<sup>1</sup> "Test Methods for Solid Waste Physical/Chemical Methods",  
SW-846, 3rd Edition, September 1986 (with subsequent  
revisions).

TCL Target Compound List.

VOCs Volatile Organic Compounds.

TABLE 3  
 QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS  
 QUARTERLY CA 750 GROUNDWATER SAMPLING  
 GENERAL MOTORS NAO FLINT OPERATIONS  
 FLINT, MICHIGAN  
 JUNE 2008

<i>Parameter</i>	<i>Calibration Date</i>	<i>Compound</i>	<i>%D</i>	<i>Associated Sample ID</i>	<i>Qualified Sample Results</i>	<i>Units</i>
VOCs	06/27/08	Bromomethane	33	Dup-2(061908)	2 UJ	µg/L
				RFI-02-24(061808)	2 UJ	µg/L
				RFI-09-14(061808)	2 UJ	µg/L
				RFI-10-28(061808)	2 UJ	µg/L
				RFI-10-33(061808)	2 UJ	µg/L
				RFI-36-19(061808)	2 UJ	µg/L
				RFI-36-47(061908)	2 UJ	µg/L
				RFI-36-48(061908)	2 UJ	µg/L
				RFI-36-55(061808)	2 UJ	µg/L
				RFI-36-56(061808)	2 UJ	µg/L
VOCs	06/27/08	Chloroethane	34	Dup-2(061908)	1 UJ	µg/L
				RFI-02-24(061808)	1 UJ	µg/L
				RFI-09-14(061808)	1 UJ	µg/L
				RFI-10-28(061808)	1 UJ	µg/L
				RFI-10-33(061808)	1 UJ	µg/L
				RFI-36-19(061808)	1 UJ	µg/L
				RFI-36-47(061908)	1 UJ	µg/L
				RFI-36-48(061908)	1 UJ	µg/L
				RFI-36-55(061808)	1 UJ	µg/L
				RFI-36-56(061808)	1 UJ	µg/L
				RFI-94-11(061908)	1 UJ	µg/L

## Notes:

%D    Percent Difference.  
 UJ    Not detected, estimated reporting limit.  
 VOCs    Volatile Organic Compounds.

TABLE 4  
 QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS  
 QUARTERLY CA 750 GROUNDWATER SAMPLING  
 GENERAL MOTORS NAO FLINT OPERATIONS  
 FLINT, MICHIGAN  
 JUNE 2008

<i>Parameter</i>	<i>Analysis Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Qualified Sample Result</i>	<i>Units</i>
VOCs	06/26/08	Acetone	2J	Dup-1(061708)	20 U	µg/L
				RFI-17-02(061708)	20 U	µg/L
				RFI-17-02D(061708)	20 U	µg/L
				RFI-84-06R(061708)	20 U	µg/L
				RFI-84-06RD(061708)	20 U	µg/L
				RFI-84-09S(061708)	20 U	µg/L

## Notes:

- J Estimated.  
 U Not detected.  
 VOCs Volatile Organic Compounds.

TABLE 5  
 QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS  
 QUARTERLY CA 750 GROUNDWATER SAMPLING  
 GENERAL MOTORS NAO FLINT OPERATIONS  
 FLINT, MICHIGAN  
 JUNE 2008

Parameter	Compound	LCS Date	Associated Sample ID	LCS %Rec	LCSD %Rec	RPD (percent)	Control Limits		Qualified Sample Results	Units	
							%Rec	%RPD			
VOCs	Chloromethane	06/26/08	Dup-1(061708)	52	52	0.8	54	147	25	1 UJ	µg/L
			RFI-09-46(061708)							6 UJ	µg/L
			RFI-09-48(061708)							1 UJ	µg/L
			RFI-10-24(061708)							1 UJ	µg/L
			RFI-10-29(061708)							1 UJ	µg/L
			RFI-10-35(061708)							1 UJ	µg/L
			RFI-10-36(061708)							1 UJ	µg/L
			RFI-17-02(061708)							1 UJ	µg/L
			RFI-17-02D(061708)							1 UJ	µg/L
			RFI-84-06R(061708)							1 UJ	µg/L
			RFI-84-06RD(061708)							1 UJ	µg/L
			RFI-84-09D(061708)							1 UJ	µg/L
			RFI-84-09S(061708)							1 UJ	µg/L

## Notes:

- LCS Laboratory Control Sample.  
 LCSD Laboratory Control Sample Duplicate.  
 RPD Relative Percent Difference.  
 UJ Not detected, estimated reporting limit.  
 VOCs Volatile Organic Compounds.