An Employee-Owned Company

Science Applications International Corporation

March 2, 2004

Ms. Sharon Fisher
Harley-Davidson Motor Company Operations, Inc.
1425 Eden Road
York, PA 17402

Re: 2003 Summary of North Building 4 Soil Vapor Extraction System
SAIC Project 01-1633-00-3705-800

Dear Sharon:

Science Applications International Corporation (SAIC) is providing this letter to summarize operation of the North Building 4 (NB4) soil vapor extraction (SVE) system during 2003. The NB4 SVE system is located at the York, Pennsylvania facility of Harley-Davidson Motor Company Operations, Inc. (Harley-Davidson). Through calendar year 2003, the system has been in operation for approximately 9 years (startup was in May 1994).

The purpose of the SVE system is to extract soil vapor containing volatile organic compounds (VOCs) from up to five multi-level vapor extraction wells (VEWs) located beneath the floor of the north end of Building 4. Each of the VEWs is piped and manifolded to a blower unit located on the west side of Building 4 (refer to Figure 1). The blower unit applies a vacuum to the VEWs and transmits the extracted soil vapor via a 6-inch diameter schedule 80 PVC underground pipe to Building 41 for treatment. The soil vapor is passed through a vapor knockout tank and then to a Thermal Fume Oxidizer (TFO) unit or granular activated carbon (GAC) unit for destruction/absorption of the VOCs.

During 2003, the SVE system was not operating between January and mid-August or during the last two weeks of December, due to shut down of the TFO. From mid-August to mid-December, SAIC performed monthly monitoring of the SVE system that included recording air flow data (refer to Table 1) and photoionization detector (PID) readings at seven vapor extraction points (refer to Figure 2). The seven locations that are sampled include EW-1 gravel, EW-1D, EW-2D, EW-3S, EW-4D, the gravel pit, and the total system influent (combined, prior to the blower). The remaining extraction points were shut off in early 2000, due to their very low VOC recoveries, and to enhance VOC recovery at the remaining locations.

SAIC typically collects soil vapor samples from active vacuum extraction wells on a quarterly basis. However, only one quarterly sampling event (September 2003) was performed in 2003 due to SVE system down time. The air samples from September were analyzed by VaporTech Services, Inc. for five VOCs including:

- 1,1,1–Trichloroethane (TCA)
- Trichloroethene (TCE)
- Tetrachloroethene (PCE)
- cis-1,2-Dichloroethene (cis-1,2-DCE)
- Vinyl chloride

Table 2 summarizes the analytical results while Figures 3 through 6 graphically display the historical VOC data by location. During the third quarter of 2003, the total influent VOC concentrations were consistent with recent (since September 2000) historical trends in percent by volume of each VOC species. The historical range in VOC abundance (in the influent), followed by the 2003 percent by volume in the influent, is summarized for each parameter below:

- TCA: historically has ranged from 54 to 76 percent, was 65 percent in 2003.
- TCE: has ranged from 17 to 30 percent, was 22 percent in 2003.
- PCE: has ranged from 5 to 16 percent, was 11 percent in 2003.
- cis-1,2-DCE: has ranged from 0.1 to 0.4 percent, was 2 percent in 2003 (slight increase).
- Vinyl chloride: not previously sampled. This parameter was added to the analytical suite in 2003 due to its recent occurrence in groundwater at collection well CW-15A (close to the NB4 SVE system). Vinyl chloride was not detected in the air samples in 2003.

Based on a review of gas chromatography (GC) analysis and air flow data, SAIC estimates that approximately 50 pounds of VOCs were removed by the SVE system during 2003. This value is less than the quantity removed during calendar year 2002 (approximately 300 pounds). The main reasons for the apparent decrease in VOC recovery are that the SVE system was down for approximately 8 months in 2003 and that the residual VOC mass in site soils is decreasing. A cumulative VOC recovery of approximately 34,892 pounds has been recorded since system start-up (refer to Table 1 and Figure 7).

If you have any questions or comments regarding this letter, please do not hesitate to contact either of the undersigned.

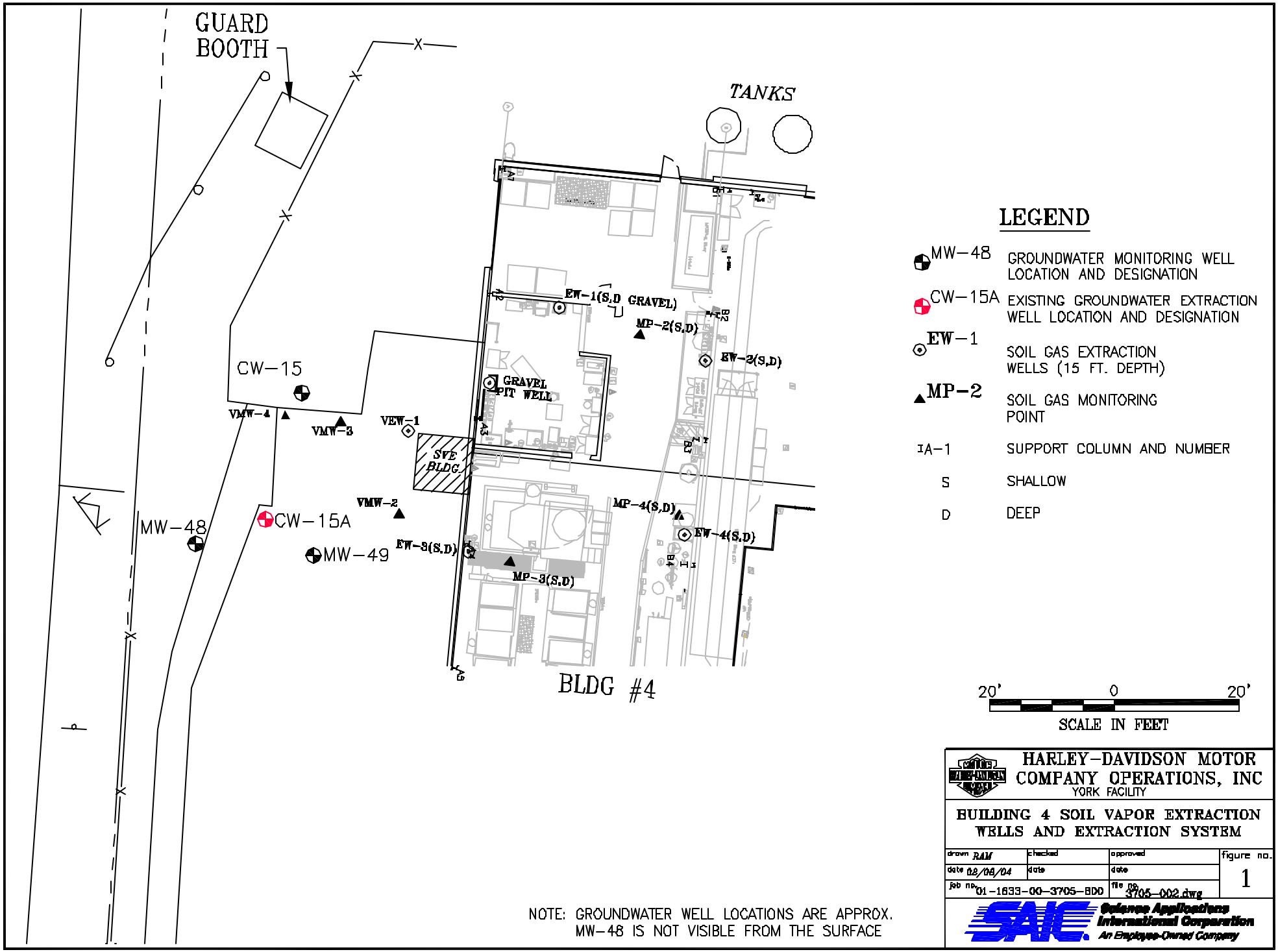
Very truly yours,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

Stephanie E. Pulaski
Project Scientist

Scott L. McFeaters, P.G.
Project Manager

cc: Ralph T. Golia – URS
Stephen Snyder – SAIC



LEGEND

MW-48	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
CW-15A	EXISTING GROUNDWATER EXTRACTION WELL LOCATION AND DESIGNATION
EW-1	SOIL GAS EXTRACTION WELLS (15 FT. DEPTH)
MP-2	SOIL GAS MONITORING POINT
1A-1	SUPPORT COLUMN AND NUMBER
S	SHALLOW
D	DEEP

20' 0 20'

SCALE IN FEET

NOTE: GROUNDWATER WELL LOCATIONS ARE APPROX.
MW-48 IS NOT VISIBLE FROM THE SURFACE

HARLEY-DAVIDSON MOTOR COMPANY OPERATIONS, INC
YORK FACILITY

BUILDING 4 SOIL VAPOR EXTRACTION WELLS AND EXTRACTION SYSTEM

drawn RAM	checked	approved	figure no. 1
date 12/06/04	date	date	
job no. 01-1633-00-3705-BDO	file no. 3705-002.dwg		

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FIGURE 2
2003 North Building 4 SVE PID Measurements

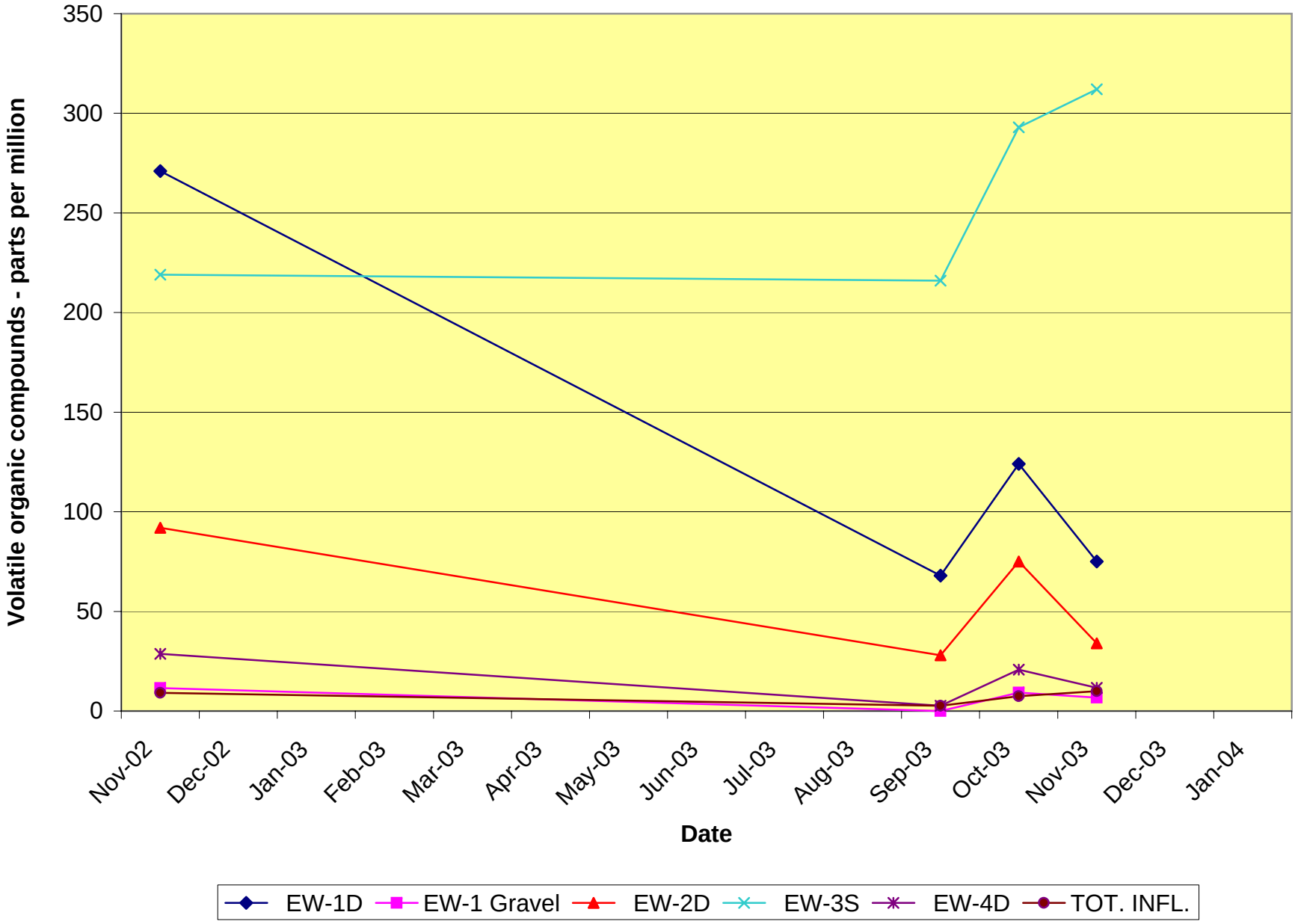


FIGURE 3
Historical 1,1,1-Trichloroethane (TCA) Concentrations

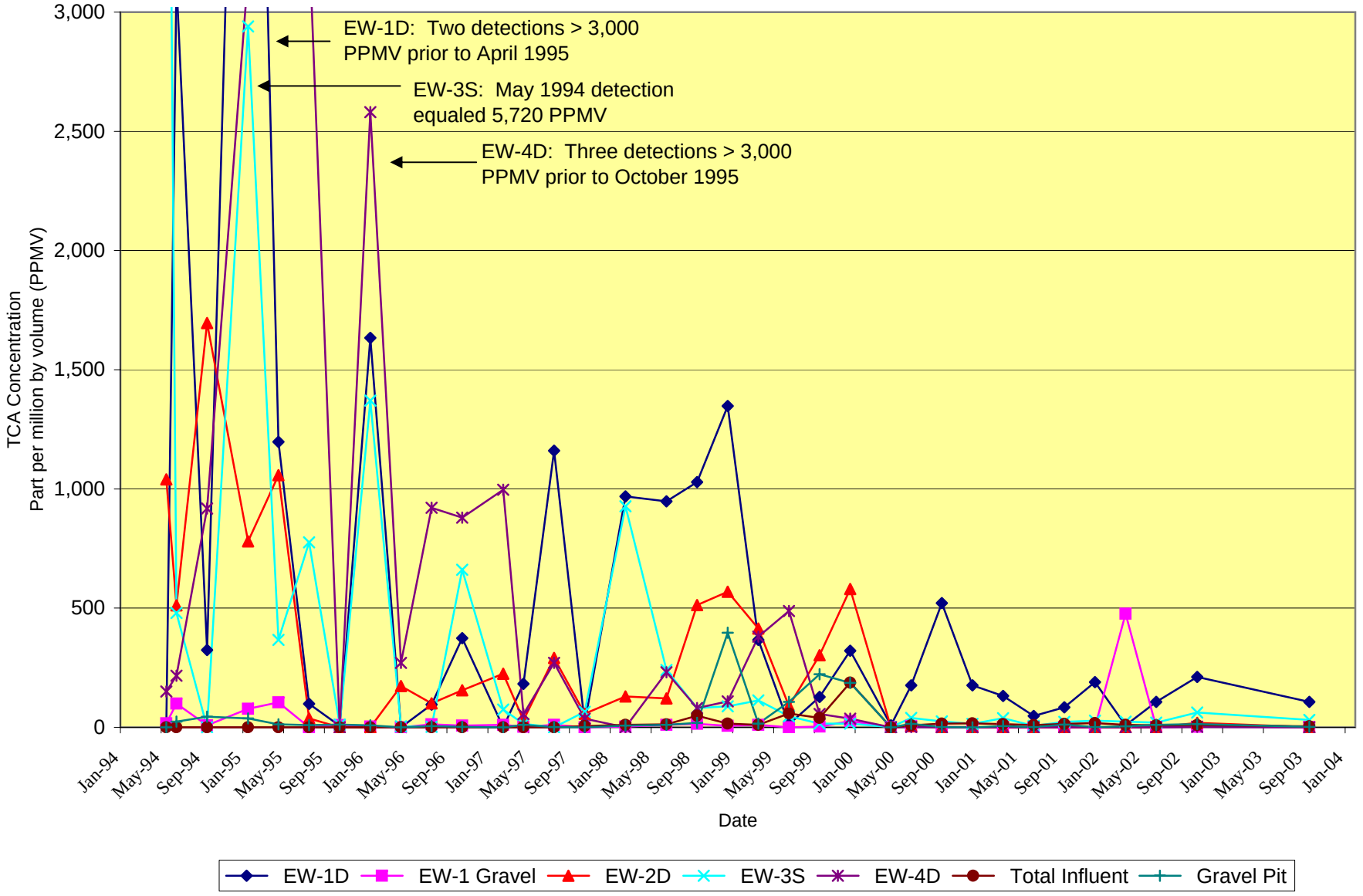


FIGURE 4
Historical Trichloroethylene (TCE) Concentrations

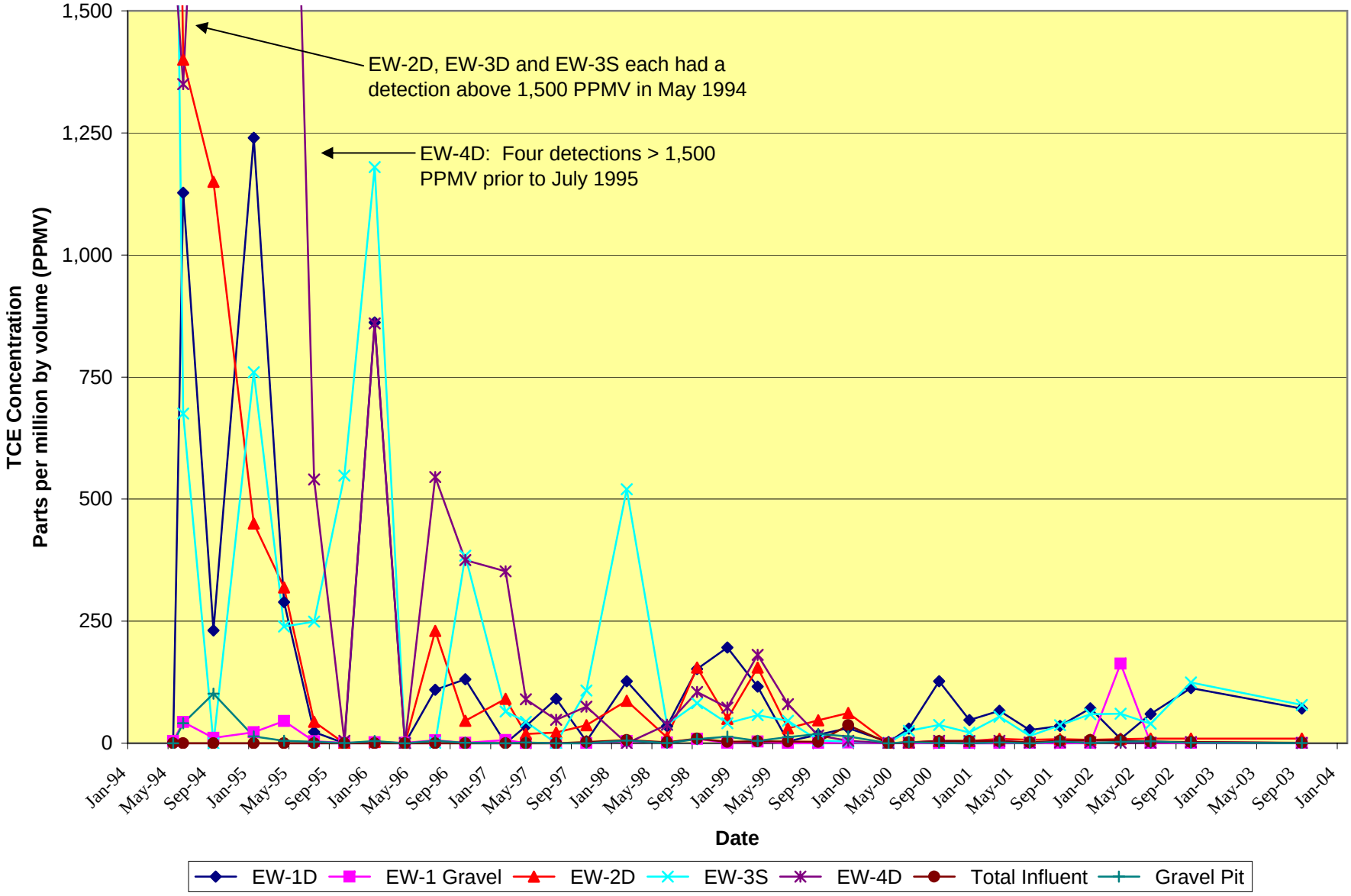


FIGURE 5
Historical Tetrachloroethylene (PCE) Concentrations

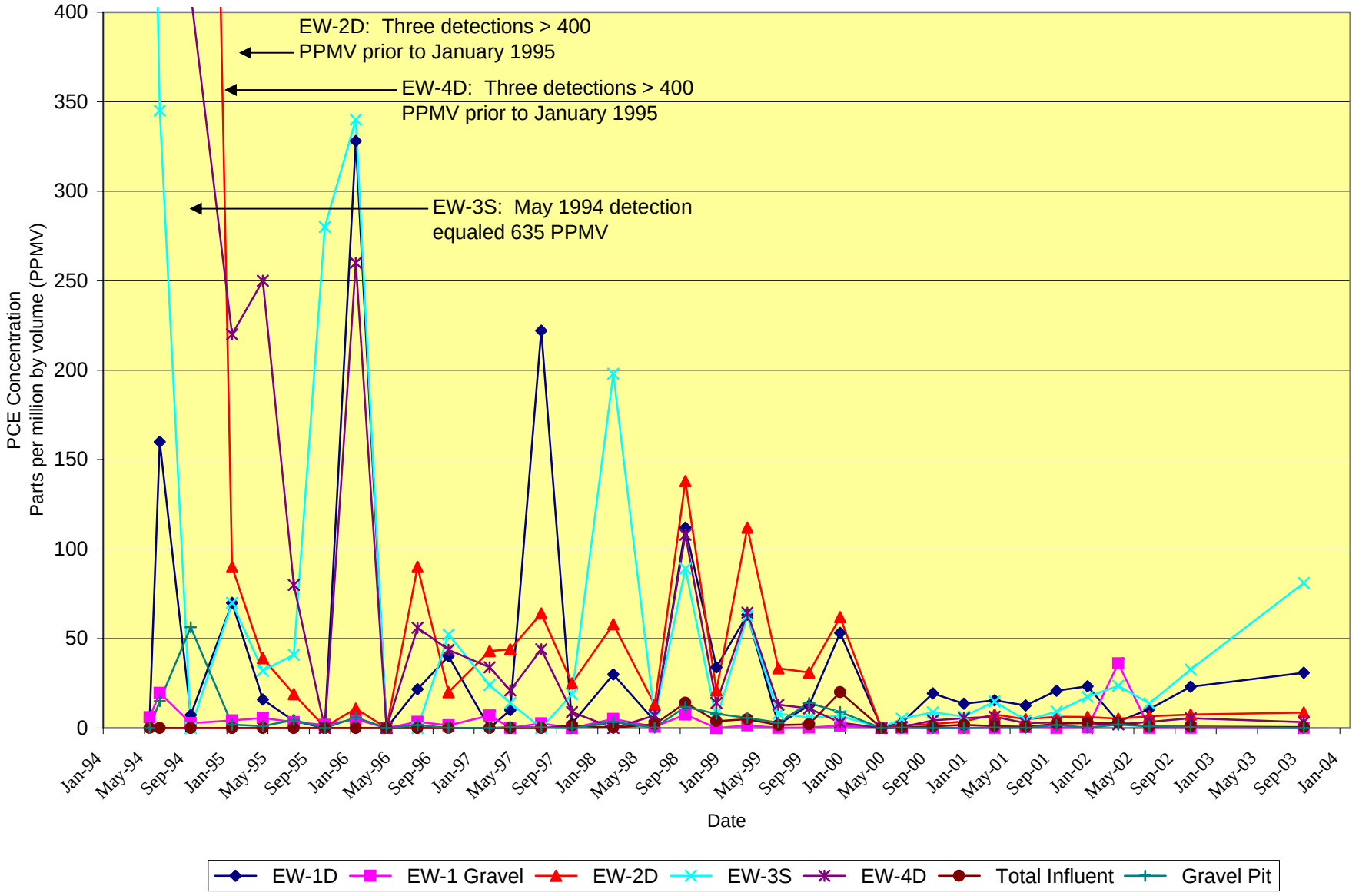


FIGURE 6
Historical cis-1,2-Dichloroethylene (DCE) Concentrations

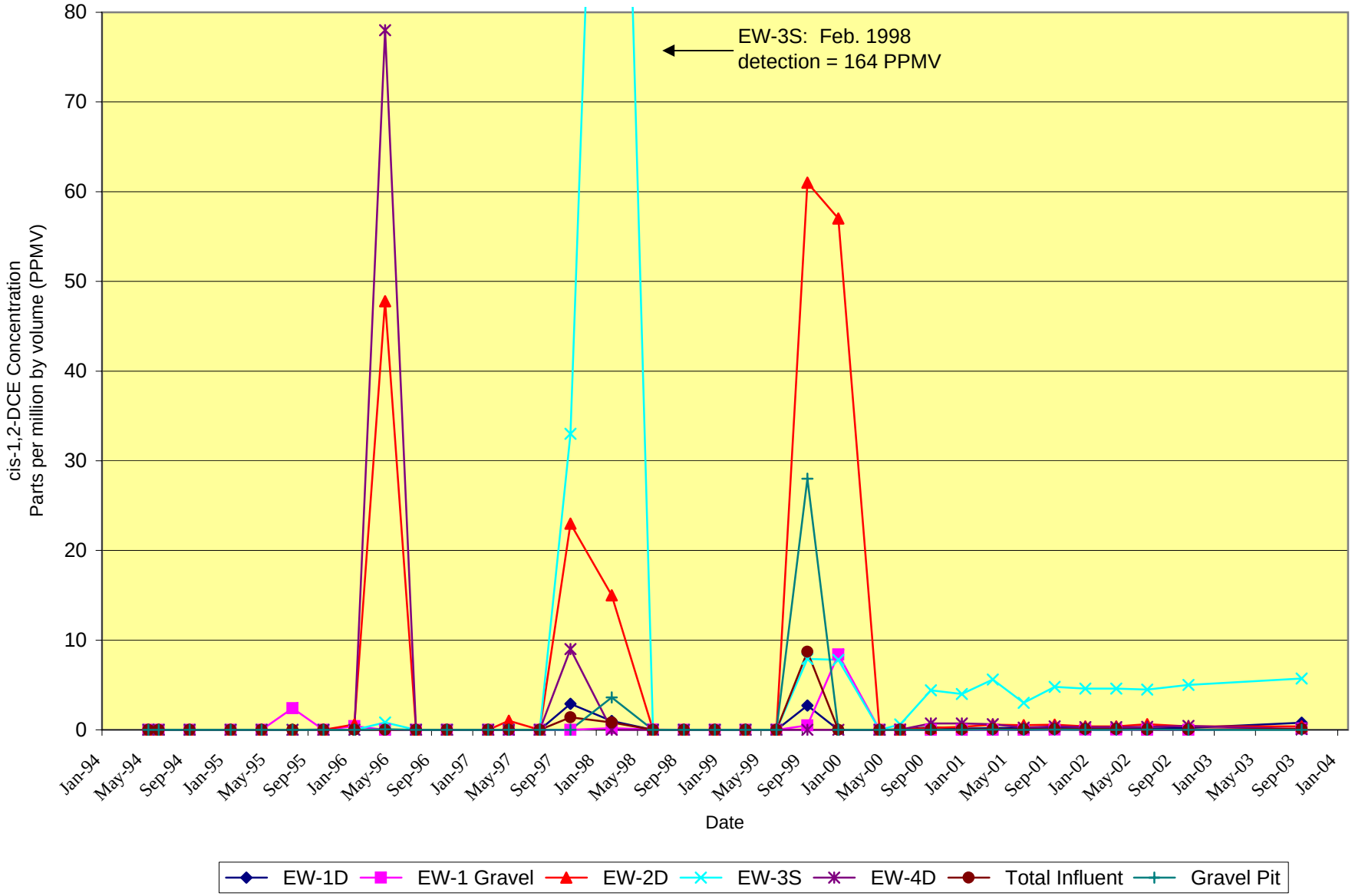
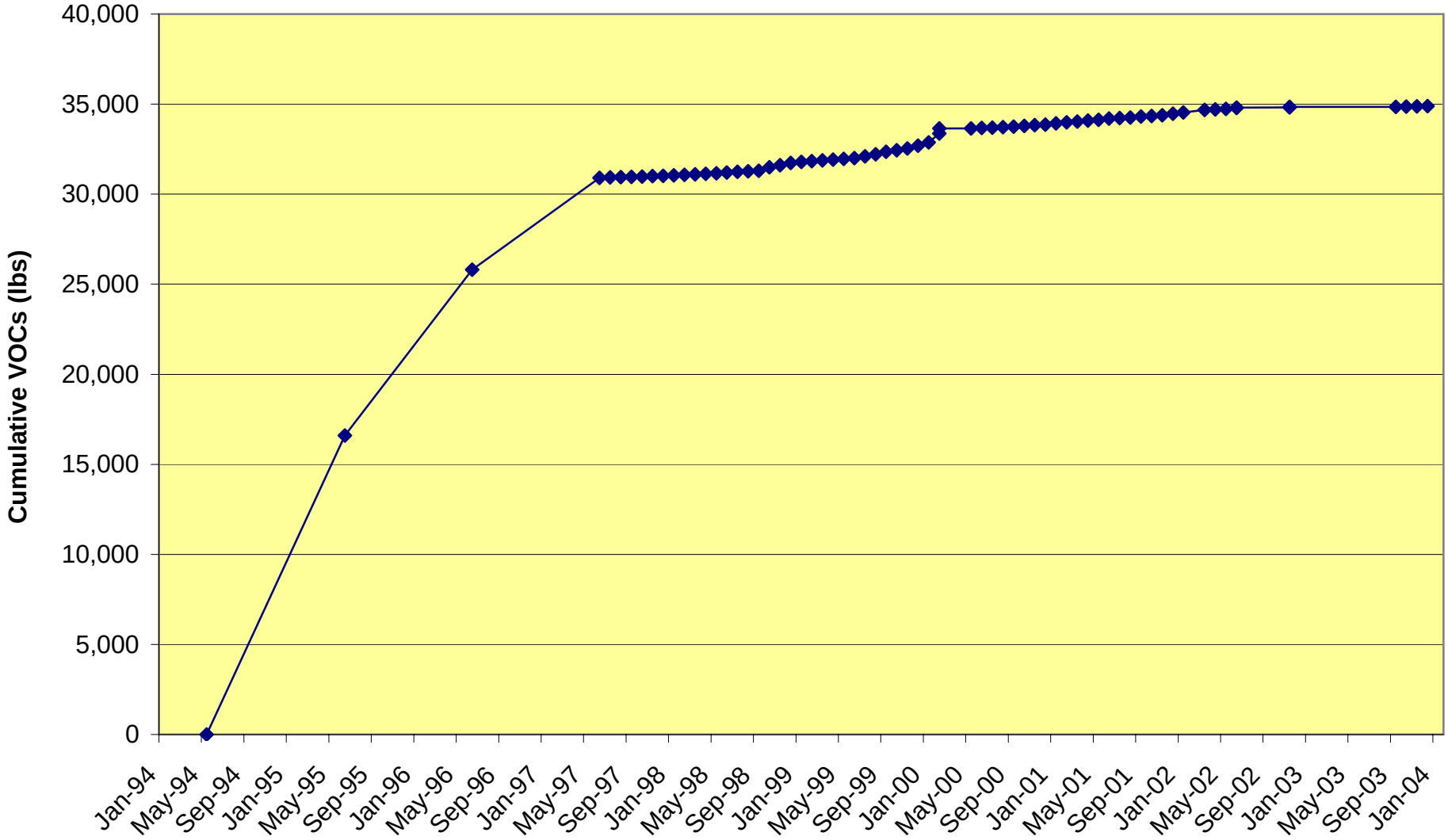


FIGURE 7
North Building 4 SVE Cumulative VOC Recovery



Note: Monthly VOC recovery data was not recorded from start-up through June 1997.

TABLE 1
NORTH BUILDING 4 SVE SYSTEM AIRFLOW RATES AND VOC RECOVERY
Harley-Davidson Motor Company Operations, Inc.
York, PA

	TOTAL SYSTEM INFLUENT				
MEASUREMENT DATE	FLOW RATE (SCFM)	BLOWER VAC (IWC)	VOC RECOV (LBS)	CUMUL RECOV (LBS)	RATE (LBS/DAY)
Jun-95	--	--	16596	16,596	--
Jun-96	--	--	9205	25,801	--
6/5/1997	126	44	5099	30,900	--
7/24/1997	129	42	31.5	30,931.5	0.64
8/21/1997	129	42	18.4	30,949.9	0.66
9/4/1997	126	44	9.2	30,959.1	0.66
10/9/1997	133	40	22.5	30,981.5	0.64
11/6/1997	122	46	19.0	31,000.5	0.68
12/4/1997	124	45	17.4	31,017.9	0.62
1/21/1998	133	40	30.3	31,048.2	0.63
2/18/1998	133	40	19.0	31,067.2	0.68
3/17/1998	135	38	31.8	31,099.0	1.18
4/7/1998	158	23	25.1	31,124.0	1.19
5/5/1998	156	24	39.1	31,163.2	1.40
6/2/1998	133	40	38.6	31,201.8	1.38
7/3/1998	133	40	35.0	31,236.8	1.13
8/4/1998	129	42	36.1	31,273.0	1.13
9/1/1998	133	40	30.7	31,303.6	1.10
10/9/1998	120	48	190.1	31,493.7	5.00
11/3/1998	122	46	112.8	31,606.5	4.51
12/1/1998	126	44	128.5	31,735.0	4.59
1/5/1999	133	40	50.9	31,785.9	1.45
2/5/1999	150	30	47.6	31,833.5	1.53
3/2/1999	133	40	43.3	31,876.8	1.73
4/6/1999	127	43	48.3	31,925.1	1.38
5/4/1999	129	42	36.9	31,962.0	1.32
6/8/1999	99	58	46.9	32,008.9	1.34
7/6/1999	133	40	87.7	32,096.5	3.13
8/3/1999	126	44	117.8	32,214.3	4.21
9/7/1999	133	40	139.5	32,353.8	3.99
10/4/1999	122	46	91.2	32,445.0	3.38
11/2/1999	124	45	89.9	32,534.9	3.10
12/22/1999	127	43	157.5	32,692.5	3.15
1/3/2000	124	45	189.5	32,881.9	15.79
2/4/2000	104	56	493.3	33,375.2	15.42
2/25/2000	system shut down		271.5	33,646.8	12.93
4/20/2000	106	79	--	33,646.8	--
5/3/2000	106	79	7.0	33,653.8	0.54
6/15/2000	149	62	23.3	33,677.1	0.54
7/7/2000	167	54	16.8	33,693.9	0.76
8/4/2000	167	54	23.9	33,717.8	0.85
9/8/2000	167	54	29.9	33,747.7	0.85
10/5/2000	120	73	46.2	33,793.9	1.71
11/3/2000	119	74	35.6	33,829.5	1.23
12/1/2000	166	55	34.1	33,863.7	1.22
1/5/2001	166	55	66.3	33,930.0	1.90
2/2/2001	167	54	53.1	33,983.1	1.90
3/2/2001	167	54	53.4	34,036.5	1.91
4/6/2001	167	54	55.8	34,092.3	1.60
5/3/2001	174	52	43.1	34,135.4	1.60
6/8/2001	164	56	59.8	34,195.2	1.66
7/5/2001	167	54	28.2	34,223.4	1.04
8/3/2001	167	54	30.8	34,254.2	1.06
9/20/2001	166	55	51.0	34,305.2	1.06
10/12/2001	164	56	40.5	34,345.7	1.84
11/2/2001	166	55	38.2	34,383.9	1.82
12/14/2001	167	54	77.4	34,461.3	1.84
1/18/2002	164	56	80.1	34,541.3	2.29
3/20/2002	161	58	132.6	34,673.9	2.25
4/5/2002	167	54	26.5	34,700.4	1.65
5/3/2002	164	56	27.5	34,727.8	1.72
6/7/2002	164	56	59.0	34,786.8	1.68
6/23/2002	system shut down		16.2	34,803.0	1.01
10/25/2002	174	52	--[1]	34,803.0	--
11/1/2002	167	54	15.9	34,818.8	1.13
11/23/2002	system shut down		22.9	34,841.7	1.09
8/16/2003	171	53	--[1]	34,841.7	--
9/5/2003	164	56	9.6	34,851.3	0.48
10/3/2003	171	53	11.3	34,862.6	0.46
11/10/2003	178	50	16.1	34,878.8	0.48
12/10/2003	system shut down		13.3	34,892.0	0.50

--[1] Indicates a startup date, no VOC recovery is calculated until the next monitoring date
Note: Monthly VOC recovery data not recorded from start-up through June 1997.

TABLE 2
BUILDING 4 SOIL VAPOR MONITORING POINT VOC CONCENTRATIONS
Harley-Davidson Motor CompanyOperations, Inc.
York, PA

SAMPLE LOCATIONS	*SAMPLE DATES*																		
	5/24/94	*6/22/94*	*9/7/94*	*1/18/95*	*4/26/95*	*7/27/95*	*10/26/95*	*1/4/96*	*4/26/96*	*7/15/96*	*10/10/96*	*2/7/97*	*4/11/97*	*7/24/97*	*10/9/97*	*2/18/98*	*6/2/98*	*9/1/98*	*12/1/98*
1,1,1- TCA																			
EW-1D	11.94	3127.5	324.3	6340	1198	98	6.4	1634	0.09	94.9	374.0	NA	182.0	1160	17	969	948	1029	1348
EW-1S	3.2	180.5	21.1	619	14.3	13.1	11.6	13.9	ND	16.0	16.2	17.2	7.8	45.4	1177	28.8	7.8	85.7	3
EW-1 Gravel	16.12	99.9	8.01	77.3	105	ND	9.5	2.7	0.36	12.3	7.7	10.3	2.0	10.7	NA	3.4	10.1	14.4	6
EW-2D	1040	512	1696	780	1058	37	0.3	0.3	173	100.0	155.0	225.0	30.0	291	57	129	121	513	569
EW-2S	110	73	54	199	161	ND	13.9	630	ND	ND	0.6	16.5	9.1	1.61	NA	2.6	0.3	11.9	9.5
EW-3D	360	ND	204.8	38	248	13	12.5	0.9	0.03	NS	0.5	11.8	0.7	1.39	0.2	ND	4.1	6	2.1
EW-3S	5720	480	NS	2940	367	776	11.4	1370	4.3	2.0	661.0	75.0	14.0	NA	65	927	240	81	88.5
EW-4D	150	217	918	3160	6140	3310	ND	2580	270	921.0	879.0	997.0	55.0	270	36	ND	231	81	109
EW-4S	40	ND	49.1	84	62.4	ND	9.5	10.8	4.9	14.3	13.5	57.0	5.9	12.8	9.4	1.2	0.7	20.6	3
Gravel Pit	NS	24.3	44.7	37.6	12.1	9.3	11.6	8	ND	4.8	2.4	NA	10.7	1.49	NA	7.09	10.1	18.6	397
Total Influent	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.2	10.3	12.7	48.3	15.4
TCE																			
EW-1D	4.05	1127.5	231.1	1240	289	23	ND	862	0.012	109.6	131.0	NA	35.0	91	3.9	127	35	152	196
EW-1S	15.25	113.2	10.8	137	6.9	4.3	2.5	9	0.44	9.0	4.3	8.1	1.0	1.8	157	13.2	0.7	39.2	3
EW-1 Gravel	4.32	43.5	10.8	22.5	45.3	4.0	1.2	2.2	0.8	6.1	1.0	6.3	0.3	0.4	NA	4.6	1.5	8.8	1
EW-2D	2860	1400	1150	450	319	44	ND	3.1	ND	230.0	46.2	91.0	19.0	22	37	87	12	155	50
EW-2S	685	380	90.8	92	58	ND	8.4	450	ND	0.01	0.23	36.7	4.7	0.24	NA	8.8	0.2	8.7	3
EW-3D	1900	735	154.3	57	239	5.4	8.5	3.5	ND	NS	0.8	7.8	7.6	1.1	0.3	4.9	2	15.6	1.8
EW-3S	2485	675	NS	760	239	249	548	1180	ND	1.0	384.0	65.0	44.0	NA	108	520	38	82	41
EW-4D	1645	1350	2635	1680	2825	540	4.8	860	ND	545.0	375.0	352.0	90.0	48	75	0.2	38	105	73
EW-4S	630	125	130.5	50	20.5	4.1	4	11.8	ND	92.0	4.1	22.0	0.9	0.7	4.2	4	0.1	13.5	1
Gravel Pit	NS	40.8	101.3	14.1	5.1	3.2	0.4	4.6	ND	4.8	0.9	NA	1.3	0.16	NA	5.3	0.7	8.7	13.5
Total Influent	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.3	6.6	1.8	9.7	3
PCE																			
EW-1D	5.52	160	7.3	70	16	4	ND	328	NA	21.7	40.1	NA	10.0	222	2.5	30	4	112	34
EW-1S	2.55	84.1	12.5	15	2.1	5.7	ND	ND	NA	5.7	1.4	7.9	0.2	7.8	56	6.6	0.3	32.8	1
EW-1 Gravel	6.11	19.6	2.74	4.2	5.6	3.3	1.8	5	NA	3.5	1.5	7.0	0.1	2.6	NA	5.14	0.7	7.6	ND
EW-2D	1480	768	1230	90	39	19	0.6	10.9	NA	90.0	20.0	43.0	44.0	64	25	58	13	138	21
EW-2S	395	796	34.6	56	17.5	8.4	24.6	270	NA	ND	0.1	11.8	8.9	1.7	NA	10.6	0.8	14.7	4.8
EW-3D	1040	525	79.4	18	41	7.1	ND	3.3	NA	NS	0.2	8.5	7.8	3.05	0.2	0.94	1.9	18	1.9
EW-3S	635	345	NS	70	32	41	280	340	NA	ND	52.2	24.0	14.0	NA	19	198	6	89	5
EW-4D	1290	765	410	220	250	80	ND	260	NA	56.0	43.7	34.0	21.0	44	9	0.02	7	108	14
EW-4S	470	275	127	18	12.2	5.3	ND	23.5	NA	42.0	3.8	9.0	0.2	4.1	3.2	4.2	0.3	23.3	ND
Gravel Pit	NS	15.1	56.4	1.9	1.1	4.6	0.05	5.9	NA	1.7	0.2	NA	0.6	0.37	NA	3.5	0.3	11.8	8
Total Influent	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.4	0.28	2	14.1	3.8
c-1,2- DCE																			
EW-1D	ND	ND	ND	ND	ND	ND	0.03	ND	0.03	ND	ND	NA	ND	ND	2.9	0.99	ND	ND	ND
EW-1S	ND	ND	ND	ND	ND	ND	0.01	ND	0.08	ND	ND	ND	ND	ND	173	2.4	0.01	ND	ND
EW-1 Gravel	ND	ND	ND	ND	ND	2.4	ND	0.4	0.008	ND	ND	ND	ND	ND	NA	0.2	0.03	ND	ND
EW-2D	ND	ND	ND	ND	ND	ND	ND	0.6	47.8	ND	ND	ND	1.0	ND	23	15	ND	ND	ND
EW-2S	ND	ND	ND	ND	ND	3.4	ND	ND	0.06	ND	ND	ND	ND	ND	NA	0.2	ND	ND	ND
EW-3D	ND	ND	ND	ND	ND	ND	ND	0.2	0.04	NS	ND	ND	ND	ND	0.04	0.11	0.02	ND	ND
EW-3S	ND	ND	NS	ND	ND	ND	ND	ND	0.82	ND	ND	ND	ND	NA	33	164	ND	ND	ND
EW-4D	ND	ND	ND	ND	ND	ND	ND	ND	78	ND	ND	ND	ND	ND	9	ND	ND	ND	ND
EW-4S	ND	ND	ND	ND	ND	3.0	ND	ND	0.09	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND
Gravel Pit	NS	ND	ND	ND	ND	ND	ND	ND	0.05	ND	ND	NA	ND	ND	NA	3.61	ND	ND	ND
Total Influent	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.4	0.82	ND	ND	ND
Vinyl-chloride																			
EW-1D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1 Gravel	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-2D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-2S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-4D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-4S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Gravel Pit	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Influent	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

ND - Not Detected
NS - Not Sampled
NA - Not Analyzed
All concentrations are in Part per million by volume (PPMV)

TABLE 2
BUILDING 4 SOIL VAPOR MONITORING POINT VOC CONCENTRATIONS
Harley-Davidson Motor CompanyOperations, Inc.
York, PA

SAMPLE LOCATIONS	*3/2/99*	*6/8/99*	*9/7/99*	*12/22/99*	*4/20/00*	*6/16/00*	*9/8/00*	*12/1/00*	*3/2/01*	*6/8/01*	*9/20/01*	*12/14/01*	*3/20/02*	*6/7/02*	*10/25/02*	*9/5/03*
		SAMPLE DATES														
1,1,1- TCA																
EW-1D	367	12.6	127	321	8.5	176	521	176	132	48	83.7	190	8.7	106	212	106.553
EW-1S	13.3	0.9	6.6	13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1 Gravel	10.5	0.2	3.2	25.4	0.01	4.8	1.8	0.78	0.43	0.21	0.52	0.68	477	0.7	2	0.722
EW-2D	414	89.3	303	580	ND	4.8	0.03	0.03	0.06	0.03	0.07	0.05	0.19	0.04	18.6	1.313
EW-2S	10.6	0.4	3.2	4.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3D	3.4	0.3	2.4	136	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3S	113	47	15.6	15.3	0.96	39.8	25.3	14	38.5	6.3	23	27.5	23.4	19.6	62.4	31.186
EW-4D	380	488	56	36.6	0.03	0.8	0.12	0.16	0.11	0.05	0.04	0.07	0.02	0.06	2.4	0.321
EW-4S	9	7.4	22.5	126	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Gravel Pit	15.8	107	223	186	0.01	14.2	1.4	NS	5.2	0.85	11.4	1.5	4	10.3	13.2	2.204
Total Influent	10.5	57.7	39.2	188	0.01	8.1	15.5	16.1	13.9	9.7	14.3	17.4	10.8	7.9	9.8	3.628
TCE																
EW-1D	116	4	17.7	31.1	2.4	30.1	127	47.4	66.6	27.1	35.7	71.3	9.1	59.9	113	70.993
EW-1S	5.3	0.3	0.8	1.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1 Gravel	3.4	0.1	0.7	1.5	ND	0.6	0.42	0.23	0.21	0.3	0.24	0.34	163	0.39	0.57	0.387
EW-2D	155	30.4	47	62	ND	2	4.5	4.5	9.2	6.8	8.5	7.2	8.4	9.6	9.4	9.551
EW-2S	5.1	0.2	1.1	0.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3D	4.1	0.4	0.4	15.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3S	57.4	46	6.2	3.1	0.85	25.3	37.6	22.1	54.3	15.2	36.9	59.5	60.5	40.2	124	78.385
EW-4D	181	80	16	5	0.04	1.2	4.9	4.7	5.1	1.7	2.1	2.2	1.2	0.8	2.9	0.404
EW-4S	3.7	0.8	4.2	17.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Gravel Pit	4.9	12.4	19	14	ND	2.3	0.28	NS	1.3	0.2	3.7	0.47	2.8	4.1	1.2	0.478
Total Influent	4.1	3.6	3	37	ND	1.8	3.9	4.6	3.9	2.2	5	6.4	6	3.5	2.3	1.195
PCE																
EW-1D	63.4	2	12.7	53.2	0.33	2.9	19.4	13.6	15.5	12.7	20.9	23.4	3.6	10.6	23.1	30.887
EW-1S	5.9	0.1	0.4	1.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1 Gravel	1.5	0.1	0.3	1.4	ND	0.1	0.1	0.11	0.1	0.41	0.2	0.28	36.1	0.1	0.17	0.193
EW-2D	112	33.4	31	62	ND	1.5	2.2	3.7	7.6	5	6.3	6.2	5.2	6.5	7.6	8.651
EW-2S	7.9	0.3	1.6	1.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3D	4.6	0.2	0.3	8.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3S	62.6	8	5.9	6.7	0.19	5.2	8.8	6.5	14.9	4.3	9.2	17.4	23.7	13.7	32.7	81.128
EW-4D	64.5	13	11	3	0.01	0.6	4.3	5.5	6.3	2.7	3.1	2.6	2	3.5	5.4	3.302
EW-4S	4.3	0.7	1.8	24.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Gravel Pit	5.7	3	14	9	ND	0.3	0.04	NS	0.33	0.07	1.7	0.23	1.9	0.92	0.51	0.131
Total Influent	5	1.7	2	20	ND	0.3	0.95	1.8	1.1		2.4	3	3.1	0.83	0.78	0.605
c-1,2- DCE																
EW-1D	ND	ND	2.7	ND	ND	0.03	0.3	0.15	0.18	0.22	0.25	0.26	0.02	0.13	0.23	0.8
EW-1S	ND	ND	0.4	3.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1 Gravel	ND	ND	0.5	8.4	ND	0.01	ND	ND	ND	0.01	0.02	0.02	0.21	ND	ND	0.14
EW-2D	ND	ND	61	57	ND	0.03	0.22	0.33	0.57	0.51	0.57	0.39	0.35	0.62	0.37	0.39
EW-2S	ND	ND	0.6	1.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3D	ND	ND	ND	38.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3S	ND	ND	7.9	7.8	0.01	0.6	4.4	4	5.6	3	4.8	4.6	4.2	4.5	5	5.72
EW-4D	ND	ND	ND	ND	ND	0.04	0.72	0.7	0.64	0.25	0.38	0.29	0.11	0.34	0.44	0.09
EW-4S	0.13	ND	1.3	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Gravel Pit	ND	ND	28	ND	ND	0.01	ND	NS	0.02	ND	0.04	ND	0.04	0.02	ND	ND
Total Influent	ND	ND	8.7	ND	ND	0.02	0.03	0.05	0.07	0.05	0.07	0.07	0.04	0.04	0.03	0.12
Vinyl-chloride																
EW-1D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
EW-1S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1 Gravel	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
EW-2D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
EW-2S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-3S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
EW-4D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
EW-4S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Gravel Pit	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Total Influent	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND

ND - Not Detected
NS - Not Sampled
NA - Not Analyzed
All concentrations are in Pa