



Exploration Technologies, Inc.

7755 Synott Road Houston, Texas 77083 (281) 530-4300 FAX (281) 530-4308

PCC Complex PRODUCT HEADSPACE

TABLE 4
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
MW-003 (01/13/93)	0.4	0.010	0.000	0.010	0.000	0.050	0.120	183.2	74.3	3.0	2.2	262.7
MW-008 (01/13/93)	0.3	0.040	0.000	0.010	0.000	1.590	10.310	359.5	66.5	3.2	2.2	431.3
MW-011 (01/13/93)	2.5	0.080	0.000	0.020	0.000	0.200	2.110	49.6	23.6	1.6	0.0	74.8
MW-018 (01/13/93)	0.6	0.050	0.000	0.040	0.000	0.220	2.710	27.9	5.0	0.6	0.2	33.7
MW-021 (01/13/93)	1.5	0.030	0.000	0.050	0.000	0.420	2.740	51.4	10.1	1.1	0.7	63.3
MW-1003 (01/16/93)	1.1	0.160	0.000	0.390	0.000	9.180	47.760	328.2	43.5	4.8	3.0	379.6
MW-102 (01/11/93)	0.6	0.020	0.000	0.030	0.000	1.390	17.840	286.8	38.2	2.5	1.8	329.3
MW-102 (08/25/93)	272.8	14.200	1.920	62.610	106.780	1,553.600	13,207.300	3,883.0	4,186.8	2,051.3	2,138.9	12,260.0
MW-102 (10/08/93)	258.8	13.400	2.170	66.220	4.300	1,527.960	8,989.330	53,512.5	31,772.2	4,031.3	370.5	89,686.4
MW-103 (01/11/93)	0.8	0.030	0.000	0.120	0.000	2.880	32.320	288.6	41.8	4.5	2.0	337.0
MW-103 (08/25/93)	226.8	26.310	0.760	34.620	1.300	724.710	8,178.000	3,991.5	3,306.9	1,664.7	876.0	9,839.1
MW-103 (10/08/93)	134.1	11.130	0.510	21.500	0.640	568.690	4,336.820	52,382.4	39,582.8	11,238.3	1,136.6	104,340.1
MW-104 (01/11/93)	0.6	0.020	0.000	0.040	0.000	1.850	13.230	326.9	8.2	13.3	0.6	348.9
MW-104 (08/25/93)	229.1	23.800	0.950	65.030	5.190	956.550	6,277.610	52,810.4	25,809.7	6,366.8	2,508.4	87,495.3
MW-104 (10/07/93)	186.4	13.880	0.500	44.090	3.240	746.790	5,082.450	50,707.9	30,834.4	8,475.7	1,777.0	91,794.9
MW-105 (01/11/93)	13.1	0.050	0.000	0.110	0.000	3.230	25.700	307.7	7.4	12.0	0.6	327.7
MW-105 (08/25/93)	763.1	20.290	0.940	23.160	2.590	483.300	6,220.500	8,269.6	6,066.5	2,162.9	2,518.4	19,017.5
MW-105 (10/07/93)	626.9	22.630	1.400	23.540	2.790	525.340	3,845.210	59,468.7	35,197.3	21,201.8	8,378.6	124,246.4
MW-106 (08/25/93)	71.5	2.180	0.450	17.120	0.090	662.410	3,490.410	66,474.0	35,259.7	7,052.4	6,223.3	115,009.4
MW-106 (10/08/93)	100.3	2.580	0.400	15.780	8.610	530.790	3,133.780	61,074.5	51,059.7	13,485.9	7,645.7	133,265.7
MW-108 (01/11/93)	1.0	0.040	0.000	0.020	0.000	0.020	0.540	289.0	74.4	2.6	2.5	368.6
MW-108 (08/25/93)	375.8	5.250	0.140	0.150	0.250	3.710	427.100	8,842.3	9,936.1	5,783.7	3,250.5	27,812.6
MW-108 (10/08/93)	54.8	10.640	0.140	0.050	0.040	4.380	135.700	44,983.4	21,595.2	4,621.5	2,268.2	73,468.2

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TABLE 4
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
MW-112 (08/25/93)	86.4	0.640	0.250	0.320	0.380	84.570	696.990	68,571.5	35,148.7	12,822.0	8,971.7	125,513.9
MW-112 (10/08/93)	64.2	7.440	0.520	0.450	0.000	74.000	529.070	47,099.4	36,829.8	13,834.5	11,678.8	109,442.4
MW-113 (08/25/93)	29.2	0.470	0.630	5.530	0.000	978.220	6,520.200	4,408.6	3,829.5	2,165.3	2,434.8	12,838.1
MW-113 (10/08/93)	1.5	0.050	0.010	0.010	0.010	0.480	2.630	326.2	452.7	632.2	154.8	1,565.9
MW-116 (01/11/93)	1.7	0.040	0.000	0.430	0.000	12.820	79.510	364.9	48.6	3.7	2.2	419.3
MW-116 (08/25/93)	463.1	6.250	0.460	48.680	2.730	1,846.590	9,924.980	58,208.1	24,807.9	10,003.4	3,361.2	96,380.6
MW-116 (10/11/93)	118.1	4.610	0.350	25.630	9.470	1,284.170	7,543.730	63,712.9	44,339.9	11,669.0	6,846.8	126,568.5
MW-117 (01/11/93)	1.0	0.060	0.000	0.020	0.000	0.990	16.490	338.5	49.9	4.9	0.4	393.7
MW-117 (08/25/93)	771.0	15.420	0.470	16.520	1.280	1,041.500	8,120.400	10,872.2	9,112.9	4,038.8	2,613.1	26,637.0
MW-117 (10/11/93)	685.2	14.890	0.260	11.710	-99.000	772.500	4,874.370	62,563.2	46,949.7	10,398.6	19,864.3	139,775.8
MW-118 (01/11/93)	0.7	0.030	0.000	0.110	0.000	7.270	46.440	371.0	49.6	3.2	2.2	426.0
MW-119 (01/11/93)	1.2	0.060	0.000	0.030	0.000	1.990	23.070	310.8	45.3	2.1	1.3	359.6
MW-119 (08/25/93)	67.3	8.640	0.560	1.470	0.040	210.170	2,104.370	61,621.9	34,332.9	12,361.5	7,108.3	115,424.6
MW-119 (10/11/93)	6.4	12.430	0.250	0.450	0.450	123.190	1,457.560	65,756.1	24,731.7	9,111.2	2,488.9	102,087.9
MW-120 (08/25/93)	119.0	4.350	0.220	74.980	0.990	895.100	4,676.000	43,955.4	16,119.2	4,064.0	1,354.0	65,492.7
MW-120 (10/07/93)	47.4	2.000	0.110	42.700	0.540	677.200	3,805.150	54,327.1	37,484.8	12,125.9	10,366.2	114,304.0
MW-121 (01/11/93)	9.1	0.010	0.000	0.150	0.000	3.600	19.880	327.0	92.6	16.5	0.6	436.7
MW-121 (08/25/93)	102.8	2.590	0.180	59.270	1.600	857.300	7,984.400	4,622.7	2,783.3	13,888.4	2,728.1	24,022.5
MW-121 (10/07/93)	122.9	5.940	0.440	48.280	0.280	686.310	3,697.490	58,469.9	33,178.6	18,570.9	6,962.1	117,181.5
MW-122 (08/25/93)	55.3	1.760	0.050	44.990	0.580	685.800	6,367.600	5,289.6	3,764.1	1,653.4	2,845.5	13,552.6
MW-122 (10/07/93)	177.9	6.720	0.340	49.800	0.040	694.640	3,804.260	23,329.5	3,122.8	10,257.3	9,758.2	46,467.8
MW-123 (01/11/93)	11.0	0.190	0.000	0.440	0.000	4.970	31.880	260.6	6.2	9.9	0.2	276.9
MW-123 (08/25/93)	243.5	36.550	3.540	46.060	6.570	514.890	4,026.130	38,349.0	21,212.1	10,166.9	3,403.4	73,131.5
MW-123 (10/07/93)	158.6	29.240	2.040	31.220	4.030	426.310	3,369.500	52,741.2	35,360.0	3,057.3	1,284.7	92,443.1

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PCC Complex PRODUCT HEADSPACE

TABLE 4
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
MW-124 (01/11/93)	8.6	0.020	0.000	0.170	0.000	4.020	20.160	197.3	10.5	3.3	0.3	211.4
MW-124 (08/25/93)	267.2	2.610	0.370	20.310	1.170	586.720	6,138.900	4,066.0	2,761.7	680.3	1,761.4	9,269.3
MW-124 (10/07/93)	378.4	4.290	0.400	11.820	0.120	283.140	1,810.860	36,257.5	29,323.4	3,974.9	1,860.9	71,416.6
MW-125 (01/11/93)	0.8	0.090	0.000	0.010	0.000	0.050	0.020	85.0	28.2	12.4	0.2	125.8
MW-125 (08/25/93)	181.7	10.480	1.540	0.070	0.020	0.950	26.580	34,525.2	26,370.5	7,251.7	2,263.1	70,410.4
MW-125 (10/07/93)	162.5	36.550	1.330	0.070	0.090	2.170	45.990	35,290.2	34,233.8	6,814.9	3,933.7	80,272.5
MW-126 (01/11/93)	1.0	0.050	0.000	0.010	0.000	0.180	1.440	243.4	41.8	4.8	0.4	290.3
MW-126 (08/25/93)	477.8	5.100	0.320	0.110	0.070	7.610	237.650	8,724.0	7,990.9	3,133.8	3,456.1	23,304.8
MW-126 (10/07/93)	257.9	17.310	1.280	0.250	0.110	15.140	185.740	47,456.5	51,890.5	3,249.5	4,254.4	106,851.0
MW-127 (01/11/93)	1.3	0.050	0.000	0.010	0.000	0.070	0.690	274.2	50.0	6.2	1.2	331.6
MW-127 (08/25/93)	251.2	2.080	1.380	0.140	0.030	2.300	69.390	43,429.6	27,747.2	9,196.6	2,945.1	83,318.6
MW-127 (10/07/93)	117.2	25.160	0.730	0.430	0.250	1.880	55.750	38,141.0	11,245.8	2,965.8	460.3	52,812.9
MW-128 (01/11/93)	2.5	0.070	0.000	0.060	0.000	0.760	6.820	211.3	45.7	5.1	0.2	262.4
MW-128 (08/25/93)	1,278.0	7.120	1.120	1.270	0.440	19.600	893.790	8,320.2	7,339.4	3,245.1	4,432.7	23,337.4
MW-128 (10/07/93)	301.4	46.010	1.030	0.810	0.080	23.470	395.350	37,816.8	47,857.7	1,177.9	1,748.1	88,600.5
MW-131 (01/11/93)	8.4	0.100	0.000	0.760	0.000	13.780	62.230	253.4	24.9	10.9	0.3	289.6
MW-131 (08/25/93)	252.6	9.780	3.130	34.340	4.240	942.950	5,418.880	40,455.7	16,394.1	3,604.6	880.5	61,334.9
MW-131 (10/07/93)	291.5	18.880	1.130	16.790	1.230	438.060	2,601.050	38,101.3	26,066.8	2,548.1	819.3	67,535.5
MW-131 (11/29/92)	11.6	0.990	0.000	3.920	0.000	56.590	402.960	523.8	187.0	25.4	3.9	740.1
MW-132 (01/11/93)	9.0	0.120	0.000	0.410	0.000	5.410	26.160	179.0	21.6	8.9	0.3	209.9
MW-132 (08/25/93)	193.7	24.240	0.320	47.370	3.660	409.380	6,113.400	4,568.0	3,122.5	1,545.2	1,821.1	11,056.8
MW-132 (10/07/93)	20.9	34.460	1.020	18.960	1.450	287.990	2,306.440	50,500.0	2,409.2	1,401.5	299.5	54,610.2
MW-133 (01/11/93)	1.1	0.040	0.000	0.010	0.000	0.510	4.470	282.0	36.3	13.2	0.4	331.9
MW-133 (08/25/93)	222.8	8.700	0.850	2.940	0.460	140.300	1,289.510	53,522.6	27,852.0	11,681.8	3,177.3	96,233.7
MW-133 (10/07/93)	148.7	106.460	1.160	3.040	0.430	129.110	1,046.170	50,518.8	33,991.3	2,404.1	719.3	87,633.5

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SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
MW-135 (01/11/93)	0.7	0.040	0.000	0.030	0.000	0.410	2.580	267.3	8.8	18.0	0.4	294.5
MW-135 (08/25/93)	61.9	1.490	0.470	5.470	0.070	267.500	1,757.340	64,228.4	36,217.8	10,477.1	4,552.3	115,475.6
MW-136 (08/25/93)	517.5	6.390	0.170	16.170	0.480	539.700	4,709.800	10,962.5	8,034.9	3,444.8	3,542.4	25,984.5
MW-137 (01/11/93)	0.5	0.030	0.000	0.010	0.000	0.590	3.930	273.7	40.8	14.3	0.5	329.3
MW-137 (08/25/93)	80.0	3.860	0.940	7.630	0.200	174.170	987.850	49,529.5	31,203.1	11,733.0	2,459.0	94,924.5
MW-138 (01/11/93)	5.9	0.040	0.000	0.000	0.000	0.040	0.220	158.6	8.2	11.8	0.2	178.8
MW-138 (08/25/93)	864.4	10.360	1.550	0.050	0.060	1.890	24.650	8,031.0	9,418.7	4,391.5	1,841.5	23,682.7
MW-138 (10/11/93)	834.6	52.900	2.550	0.350	0.190	2.160	27.570	50,157.0	12,174.2	1,963.7	1,126.4	65,421.3
MW-139 (01/11/93)	1.3	0.030	0.000	0.030	0.000	1.530	9.040	280.4	36.9	10.3	0.0	327.6
MW-139 (08/25/93)	632.3	13.710	3.060	4.500	0.270	258.110	1,716.480	49,851.9	23,926.9	6,571.2	2,467.4	82,817.4
MW-139 (10/11/93)	699.7	93.920	1.140	3.930	0.090	248.450	1,713.840	53,520.1	39,402.8	2,558.1	818.8	96,299.9
MW-140 (08/25/93)	618.4	12.930	2.380	29.160	0.600	404.220	2,412.930	8,281.4	5,364.6	1,738.4	1,028.4	16,412.8
MW-140 (10/11/93)	2.1	0.230	0.010	0.030	0.020	0.180	1.190	68.4	9.6	35.4	16.3	129.6
MW-141 (01/11/93)	12.1	0.060	0.000	0.230	0.000	5.760	24.090	124.1	6.9	2.6	0.3	133.9
MW-141 (08/25/93)	183.6	5.230	0.980	10.440	0.760	255.620	1,777.030	35,923.7	17,235.4	6,740.8	3,400.6	63,300.5
MW-141 (10/11/93)	91.6	12.900	0.360	6.690	0.490	188.300	1,408.140	40,531.7	1,819.8	2,571.2	1,371.9	46,294.5
MW-142 (01/11/93)	0.5	0.020	0.000	0.030	0.000	0.930	5.240	209.3	27.2	10.3	0.3	247.0
MW-142 (08/25/93)	350.0	3.730	0.290	33.550	2.160	497.890	3,160.900	5,185.7	3,732.2	2,193.1	1,396.1	12,507.1
MW-143 (01/11/93)	1.4	0.010	0.000	0.010	0.000	0.470	4.460	122.7	10.9	2.7	0.2	136.6
MW-143 (08/25/93)	969.0	4.160	0.140	0.520	0.160	17.970	402.170	6,068.6	4,556.0	1,828.0	1,170.5	13,623.0
MW-143 (10/11/93)	612.5	17.990	0.230	0.470	0.150	20.270	209.090	16,317.3	8,326.6	3,280.3	1,413.1	29,337.4
MW-145 (01/11/93)	6.0	0.060	0.000	0.000	0.000	0.120	1.190	233.2	36.9	14.1	0.3	284.6
MW-145 (08/25/93)	857.1	17.670	0.890	0.440	0.100	12.690	243.720	26,596.4	11,055.7	2,738.3	3,183.0	43,573.3
MW-145 (10/11/93)	526.5	62.490	1.750	0.500	0.580	4.770	229.700	33,140.6	16,891.4	6,372.7	5,923.4	62,328.0

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MW-146 (08/25/93)	1,099.3	34.980	1.810	14.720	0.880	87.680	2,768.100	7,987.4	7,816.2	3,253.9	1,350.3	20,407.8
MW-146 (10/11/93)	558.8	89.830	5.490	7.390	0.760	69.790	972.380	28,280.5	17,652.5	5,654.3	2,196.0	53,783.3
MW-147 (01/11/93)	10.6	0.060	0.000	0.170	0.000	2.250	13.990	33.1	3.6	9.8	0.5	47.0
MW-147 (08/25/93)	782.7	8.810	0.260	17.070	1.310	290.740	2,162.160	36,083.2	15,698.3	2,689.3	1,737.6	56,208.3
MW-147 (10/11/93)	480.1	35.500	0.580	13.580	2.170	201.600	2,785.000	29,304.9	13,739.7	2,514.3	1,316.3	46,875.2
MW-149 (01/11/93)	3.3	0.090	0.000	0.060	0.000	0.850	9.050	284.4	35.6	19.4	0.5	339.9
MW-149 (08/25/93)	682.5	20.540	1.490	20.050	3.160	310.620	2,313.630	9,499.5	7,626.5	3,370.4	2,951.7	23,448.1
MW-149 (10/11/93)	299.6	111.050	1.390	9.000	0.470	102.350	2,068.390	45,420.0	27,941.9	1,806.5	185.5	75,354.0
MW-150 (08/25/93)	111.1	23.110	0.230	4.090	0.000	90.730	446.460	75.9	176.5	240.9	101.6	594.9
MW-150 (10/11/93)	39.0	107.950	0.540	1.750	0.490	39.990	137.280	1,590.4	2,026.4	1,057.8	848.0	5,522.5
MW-151 (01/11/93)	5.3	0.040	0.000	0.010	0.000	0.060	2.790	312.6	11.1	16.2	2.5	342.3
MW-151 (08/25/93)	651.5	36.790	1.420	0.890	0.120	6.830	140.630	35,513.2	20,298.0	5,152.7	1,116.1	62,080.0
MW-151 (10/11/93)	628.0	107.240	1.470	1.030	0.210	5.970	116.780	29,359.5	18,657.2	6,015.9	3,813.1	57,845.7
MW-152 (08/25/93)	635.2	78.820	2.740	0.840	0.780	6.360	741.870	9,754.9	9,988.6	5,665.9	5,725.3	31,134.6
MW-152 (10/11/93)	372.7	20.150	6.670	1.050	0.190	15.280	486.440	32,486.9	20,199.1	8,024.6	4,543.5	65,254.2
MW-153 (08/25/93)	203.2	13.050	1.100	77.010	3.820	620.850	13,256.100	4,777.7	4,116.9	3,067.2	4,044.4	16,006.1
MW-153 (10/11/93)	154.3	5.660	1.040	40.600	2.050	322.670	7,695.600	37,200.0	22,841.9	5,792.9	4,446.0	70,280.7
MW-156 (08/25/93)	134.5	14.080	0.670	1.950	0.180	27.210	333.820	28,166.2	20,814.1	6,773.4	3,988.9	59,742.6
MW-156 (10/11/93)	442.4	3.420	0.730	1.510	0.220	18.780	204.520	21,407.2	26,413.1	4,793.8	588.9	53,203.1
MW-164 (08/25/93)	138.0	5.140	1.180	0.050	0.100	0.060	0.070	1,513.6	4,330.6	2,359.0	2,813.3	11,016.5
MW-164 (10/11/93)	635.4	2.780	0.450	0.090	0.170	0.050	0.110	4,036.2	1,419.4	2,035.0	1,259.3	8,749.8
MW-166 (01/11/93)	10.9	0.040	0.000	0.100	0.000	0.990	13.410	0.0	130.7	33.9	2.1	166.8
MW-167 (08/25/93)	517.8	39.420	1.100	13.900	1.320	83.520	5,001.500	9,477.9	8,049.3	3,925.3	4,735.2	26,187.8
MW-167 (10/11/93)	143.4	11.800	1.770	5.670	0.170	79.200	1,816.400	34,138.5	21,351.6	7,849.4	3,912.9	67,252.3
MW-168 (10/08/93)	2.4	2.010	1.320	2.210	0.160	451.690	2,986.200	43,436.4	23,602.2	7,778.1	3,994.2	78,810.9

ND = Not Detected



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PCC Complex PRODUCT HEADSPACE

TABLE 4
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
MW-170 (01/11/93)	3.4	0.010	0.000	0.110	0.000	0.730	20.330	316.8	43.7	4.1	2.0	366.6
MW-170 (08/25/93)	361.3	73.360	1.390	1.220	0.290	130.530	1,596.120	44,562.8	21,015.8	7,344.6	4,054.0	76,977.2
MW-170 (10/08/93)	73.2	151.200	0.510	0.510	0.210	53.570	739.570	32,982.7	18,216.8	4,022.2	1,951.9	57,173.5
MW-171 (01/11/93)	0.5	0.020	0.000	0.010	0.000	0.210	7.740	127.6	87.5	16.8	0.4	232.3
MW-171 (08/25/93)	370.5	7.130	0.530	0.610	0.570	21.290	1,125.400	9,809.4	8,037.5	2,994.6	3,980.2	24,821.7
MW-171 (10/07/93)	149.2	1.880	0.710	0.220	0.290	29.490	499.390	52,156.8	51,774.5	5,242.2	3,238.2	112,411.7
MW-172 (01/11/93)	0.3	0.020	0.000	0.010	0.000	0.000	0.070	297.2	12.3	17.7	0.3	327.4
MW-172 (08/25/93)	410.9	10.070	0.620	0.230	0.100	2.680	72.190	44,792.8	27,836.4	8,044.3	3,535.6	84,209.0
MW-172 (10/07/93)	501.4	3.590	0.660	0.300	0.480	1.900	95.550	27,926.8	17,229.0	5,729.1	3,397.1	54,282.0
MW-173 (01/11/93)	6.2	0.020	0.000	0.010	0.000	0.170	1.790	295.4	103.5	23.5	0.9	423.2
MW-173 (08/25/93)	1,507.2	3.730	0.450	0.130	0.150	8.000	501.830	9,336.7	8,625.4	3,845.1	4,474.9	26,282.1
MW-173 (10/07/93)	670.1	2.360	0.600	0.100	0.190	51.040	297.750	38,939.5	10,953.2	2,601.1	722.6	53,216.4
MW-174 (01/11/93)	8.8	0.070	0.000	0.180	0.000	3.110	24.170	257.2	74.8	11.8	0.4	344.1
MW-174 (08/25/93)	425.7	13.350	1.160	20.520	0.490	389.800	3,884.430	22,954.1	10,376.7	2,578.8	1,794.5	37,704.0
MW-174 (10/07/93)	180.1	13.980	1.040	15.270	8.180	300.300	2,871.590	48,964.6	34,848.8	2,812.6	2,240.4	88,866.3
MW-175 (01/11/93)	5.4	0.030	0.000	0.120	0.000	0.260	6.520	130.4	91.4	16.5	0.6	238.8
MW-175 (08/25/93)	1,389.5	4.240	0.470	18.090	21.080	36.810	1,124.300	8,246.6	6,248.6	1,837.1	3,492.7	19,825.0
MW-175 (10/07/93)	174.0	4.290	0.260	14.560	17.080	43.180	529.810	33,887.8	17,413.7	6,105.9	6,274.6	63,682.0
MW-177 (01/11/93)	8.0	0.010	0.000	0.050	0.000	0.010	0.000	28.5	11.0	12.7	0.5	52.8
MW-177 (08/25/93)	682.1	3.250	0.070	0.650	0.070	0.350	0.650	2,623.1	7,766.1	5,452.3	905.1	16,746.5
MW-177 (10/07/93)	937.9	2.100	0.110	0.580	0.300	0.310	0.510	1,851.2	6,237.6	7,564.7	2,378.4	18,031.9
MW-180 (01/11/93)	4.8	0.010	0.000	0.010	0.000	0.000	0.110	46.2	10.9	21.3	0.4	78.8
MW-180 (08/25/93)	578.6	3.520	0.400	0.150	0.200	0.490	10.880	3,205.3	4,777.7	3,047.7	3,953.0	14,983.7
MW-180 (10/07/93)	496.2	5.800	0.360	0.340	0.270	0.370	6.930	5,234.4	8,588.8	5,556.6	2,264.5	21,644.4

ND = Not Detected



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PCC Complex PRODUCT HEADSPACE

TABLE 4
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
MW-181 (01/11/93)	9.8	0.030	0.000	0.010	0.000	0.030	0.210	56.6	8.6	15.5	0.3	81.0
MW-181 (08/25/93)	541.3	14.600	0.620	0.220	0.240	1.260	22.130	21,651.7	16,473.8	6,223.9	4,415.8	48,765.1
MW-181 (10/07/93)	616.9	19.070	0.430	0.080	0.090	1.350	12.320	14,483.1	14,129.7	5,191.7	1,584.0	35,388.6
MW-182 (08/25/93)	809.5	28.410	1.470	44.210	7.400	253.770	4,118.200	12,687.8	11,869.6	6,442.3	6,814.2	37,813.9
MW-182 (10/11/93)	334.5	23.110	1.270	60.580	8.220	425.860	3,254.630	55,178.2	28,310.1	11,091.6	1,743.3	96,323.2
MW-198 (01/11/93)	3.3	0.030	0.000	0.010	0.000	0.020	0.010	51.6	25.6	3.2	1.1	81.5
MW-198 (08/25/93)	326.7	15.830	0.300	0.100	0.730	0.060	0.200	9,351.0	15,117.5	5,509.5	1,678.8	31,656.8
MW-198 (10/07/93)	226.1	31.720	0.140	0.310	0.370	0.070	0.240	19,662.4	10,477.3	1,857.7	4,026.0	36,023.4
MW-199 (08/25/93)	951.0	0.450	0.060	0.350	0.290	0.130	0.850	5,705.7	7,670.2	5,264.7	3,638.6	22,279.2
MW-199 (10/07/93)	405.1	0.330	0.130	0.390	0.610	0.160	0.740	12,130.5	14,545.9	6,340.5	1,862.4	34,879.3
MW-200 (08/25/93)	51.1	0.330	0.130	0.080	0.280	0.090	26.950	9,949.1	5,732.3	1,475.9	731.4	17,888.7
MW-200 (10/07/93)	6.6	0.200	0.020	0.040	0.080	0.040	0.560	5,006.5	4,513.5	2,211.9	616.9	12,348.8
MW-203 (01/11/93)	2.0	0.010	0.000	0.030	0.000	3.450	31.600	368.9	48.4	4.3	0.6	422.2
MW-203 (08/25/93)	762.6	15.360	1.480	2.790	0.100	306.560	2,428.620	58,732.7	36,474.5	2,701.5	547.4	98,456.1
MW-203 (10/11/93)	527.7	15.460	0.450	2.690	1.560	315.570	2,354.230	92,003.8	66,790.0	13,674.4	4,727.4	177,195.6
MW-204 (08/25/93)	791.2	3.720	0.510	0.260	0.060	1.670	24.780	23,886.4	16,399.5	4,031.5	1,684.6	46,001.9
MW-204 (10/07/93)	897.3	19.500	0.670	0.670	0.120	0.610	12.370	19,741.2	21,234.7	8,593.7	1,385.9	50,955.4
MW-3001 (01/16/93)	10.1	0.060	0.000	0.370	0.000	10.940	50.150	158.3	39.1	2.9	0.2	200.4
MW-3002 (01/16/93)	11.6	0.100	0.000	0.640	0.000	20.900	90.820	138.8	30.0	2.0	0.0	170.9
MW-3003 (01/16/93)	1.5	0.050	0.000	0.360	0.000	9.960	75.440	348.5	42.1	3.7	1.9	396.3
MW-3004 (01/16/93)	1.3	0.330	0.000	0.170	0.000	6.270	42.480	310.3	38.9	2.3	1.3	352.8
RW-3001 (08/25/93)	75.3	14.750	0.640	40.950	2.930	1,408.600	11,937.400	4,201.9	3,329.4	1,139.3	2,846.7	11,517.3
RW-3001 (10/08/93)	87.0	2.660	0.420	17.180	0.470	560.080	5,261.700	25,787.6	9,286.6	3,259.8	2,985.6	41,319.6

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PCC Complex PRODUCT HEADSPACE

TABLE 4
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
RW-3002 (08/25/93)	24.4	18.350	2.800	22.030	1.800	785.770	8,511.300	2,484.3	789.3	287.7	212.1	3,773.4
RW-3002 (10/08/93)	115.7	5.870	1.160	24.130	1.760	740.520	4,427.630	30,200.5	11,664.2	4,150.3	2,624.3	48,639.3
RW-3003 (08/25/93)	54.9	6.410	32.080	48.190	53.910	644.730	6,048.800	3,597.0	3,642.5	1,108.7	1,738.5	10,086.7
RW-3003 (10/08/93)	11.6	16.480	0.380	2.550	0.620	102.630	711.290	37,932.2	2,661.8	7,697.4	2,938.0	51,229.4
RW-4001 (10/08/93)	39.0	33.800	0.970	3.230	0.490	187.900	883.090	46,062.1	53,253.3	3,432.9	1,123.5	103,871.7
RW-4002 (08/25/93)	16.9	1.830	0.070	16.830	0.780	1,110.930	6,049.910	66,420.5	26,978.4	7,677.5	4,108.5	105,184.9
RW-4002 (10/08/93)	54.1	39.920	0.700	6.560	5.650	355.270	1,562.070	48,876.4	40,830.9	3,356.4	485.0	93,548.8
RW-4003 (08/25/93)	44.4	2.700	0.300	16.420	0.560	907.310	6,704.400	4,405.4	2,326.9	995.4	115.6	7,843.4
RW-4004 (08/25/93)	14.0	0.970	0.260	14.240	0.230	967.460	3,782.290	50,480.7	27,188.8	7,893.0	2,838.7	88,401.2

ND = Not Detected