TABLES

Table 1
Historical Groundwater Elevations
Poway Landfill
Poway, California

Well Number	Top of Casing Elevation (ft MSL)	Date	Depth to Bottom (ft toc)	Depth to Water (ft toc)	Groundwater Elevation (ft MSL)
POPW-1	724.07	04/18/03	116.00	94.46	629.61
		04/23/03	116.00	92.89	631.18
		05/05/03	116.00	92.12	631.95
		05/12/03	116.00	91.80	632.27
		05/15/03	116.00	91.74	632.33
		06/17/03	116.00	91.10	632.97
		08/26/03	116.00	90.50	633.57
		03/15/04	116.00	91.74	632.33
		06/04/04	116.00	91.67	632.40
		08/19/04	116.00	92.74	631.33
		01/24/05	116.00	85.50	638.57
		07/19/05	116.00	75.58	648.49
		01/18/06	116.00	77.48	646.59
		06/01/06	116.00	79.09	644.98
POPW-2A	722.74	04/18/03	121.00	113.05	609.69
		04/23/03	121.00	103.62	619.12
		05/05/03	121.00	97.40	625.34
		05/12/03	121.00	96.01	626.73
		05/15/03	121.00	95.87	626.87
		06/17/03	121.00	95.72	627.02
		08/26/03	121.00	95.53	627.21
		03/15/04	121.00	96.63	626.11
		06/04/04	121.00	96.46	626.28
		08/19/04	121.00	96.91	625.83
		01/24/05	121.00	88.55	634.19
		07/19/05	121.00	80.20	642.54
		01/18/06	121.00	80.32	642.42
		06/01/06	121.00	80.54	642.20
POPW-2B	722.75	04/18/03	155.00	95.10	627.65
		04/23/03	155.00	94.93	627.82
		05/05/03	155.00	95.45	627.30
		05/12/03	155.00	94.92	627.83
		05/15/03	155.00	94.98	627.77
		06/17/03	155.00	95.01	627.74
		08/26/03	155.00	94.78	627.97
		03/15/04	155.00	96.09	626.66
		06/04/04	155.00	95.88	626.87
		08/19/04	155.00	96.37	626.38
		01/24/05	155.00	95.10	627.65
		07/19/05	155.00	79.33	643.42
		01/18/06	155.00	77.88	644.87
		06/01/06	155.00	78.09	644.66
POPW-3	724.71	04/18/03	121.00	112.76	611.95
		04/23/03	121.00	105.54	619.17
		05/05/03	121.00	97.61	627.10
		05/12/03	121.00	90.92	633.79
		05/15/03	121.00	88.84	635.87
		06/17/03	121.00	76.65	648.06
		08/26/03	121.00	71.20	653.51
		03/15/04	121.00	71.84	652.87
		06/04/04	121.00	71.39	653.32
		08/19/04	121.00	72.38	652.33
		01/24/05	121.00	69.05	655.66
		07/19/05	121.00	51.86	672.85
		01/18/06	121.00	55.86	668.85
		06/01/06	121.00	78.05	646.66

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Historical Groundwater Elevations
Poway Landfill
Poway, California

Well Number	Top of Casing Elevation (ft MSL)	Date	Depth to Bottom (ft toc)	Depth to Water (ft toc)	Groundwater Elevation (ft MSL)
POPW-4	706.49	04/18/03	113.50	95.77	610.72
		04/23/03	113.50	95.81	610.68
		05/05/03	113.50	95.98	610.51
		05/12/03	113.50	95.97	610.52
		05/15/03	113.50	96.08	610.41
		06/17/03	113.50	96.45	610.04
		08/26/03	113.50	96.52	609.97
		03/15/04	113.50	97.70	608.79
		06/04/04	113.50	97.85	608.64
		08/19/04	113.50	98.40	608.09
		01/24/05	113.50	97.85	608.64
		07/19/05	113.50	82.43	624.06
		01/18/06	113.50	80.04	626.45
		06/01/06	113.50	79.58	626.91
POGW-6	695.35	02/01/91	35.26	17.26	678.09
		02/05/91	35.00	17.30	678.05
		04/11/91	35.30	12.70	682.65
		07/22/91	35.25	13.17	682.18
		10/16/91	34.90	14.43	680.92
		12/20/93	35.00	5.35	690.00
		05/03/94	35.00	4.92	690.43
		11/22/94	35.30	8.00	687.35
		09/29/95	35.30	4.12	691.23
		02/22/96	35.30	5.70	689.65
		08/15/96	35.30	7.85	687.50
		02/13/97	35.30	5.95	689.40
		08/26/97	35.30	9.24	686.11
		02/18/98	35.30	6.28	689.07
		08/27/98	35.30	3.94	691.41
		03/01/99	35.30	5.26	690.09
		09/02/99	35.30	8.93	686.42
		02/28/00	35.30	9.73	685.62
		08/02/00	35.30	11.78	683.57
		02/05/01	35.30	14.83	680.52
		07/31/01	34.60	12.61	682.74
		02/15/02	34.60	15.72	679.63
		08/02/02	34.60	17.19	678.16
		01/31/03	34.60	19.69	675.66
		03/11/03	34.60	15.56	679.79
		03/19/03	34.60	14.42	680.93
		07/25/03	34.60	14.60	680.75
		08/26/03	34.60	15.34	680.01
		03/15/04	34.60	16.07	679.28
		06/04/04	34.60	15.63	679.72
		08/19/04	34.60	17.06	678.29
		01/24/05	34.60	11.32	684.03
		07/19/05	34.60	4.36	690.99
		01/18/06	34.60	5.45	689.90
		06/01/06	34.60	5.80	689.55

Table 1
Historical Groundwater Elevations
Poway Landfill
Poway, California

Well Number	Top of Casing Elevation (ft MSL)	Date	Depth to Bottom (ft toc)	Depth to Water (ft toc)	Groundwater Elevation (ft MSL)
POGW-7	721.45	02/01/91	163.40	88.40	633.05
		02/05/91	163.45	91.25	630.20
		04/11/91	163.50	89.10	632.35
		07/22/91	163.45	86.33	635.12
		10/15/91	163.55	85.51	635.94
		12/20/93	160.00	73.11	648.34
		05/03/94	160.00	74.58	646.87
		11/08/94	160.00	76.72	644.73
		08/10/95	160.00	70.52	650.93
		02/22/96	160.00	74.45	647.00
		08/15/96	160.00	76.55	644.90
		02/13/97	160.00	77.70	643.75
		08/26/97	160.00	77.00	644.45
		02/19/98	160.00	77.75	643.70
		08/27/98	160.00	69.66	651.79
		03/01/99	160.00	73.25	648.20
		09/02/99	160.00	75.57	645.88
POGW-8	619.77	02/01/91	59.80	36.55	583.22
		02/05/91	60.25	36.50	583.27
		04/11/91	60.20	36.90	582.87
		07/22/91	60.26	36.74	583.03
		10/15/91	60.30	36.70	583.07
		12/20/93	58.00	16.33	603.44
		05/03/94	58.00	16.42	603.35
		11/08/94	60.31	19.35	600.42
		08/10/95	60.13	11.08	608.69
POGW-9	725.05	02/22/96	83.50	37.45	687.60
		08/15/96	83.50	40.45	684.60
		02/13/97	83.50	40.67	684.38
		08/26/97	83.50	43.07	681.98
		02/18/98	83.50	43.47	681.58
		08/27/98	83.50	30.27	694.78
		03/01/99	83.50	36.83	688.22
		09/02/99	83.50	40.15	684.90
		02/28/00	83.50	42.97	682.08
		08/02/00	83.50	44.87	680.18
		02/05/01	83.50	48.20	676.85
		07/31/01	84.36	47.11	677.94
		02/15/02	84.36	50.46	674.59
		08/02/02	84.36	52.38	672.67
		01/31/03	84.36	53.48	671.57
		03/11/03	84.36	53.50	671.55
		03/19/03	84.36	53.35	671.70
		07/25/03	84.36	51.50	673.55
		08/26/03	84.36	51.88	673.17
		03/15/04	84.36	52.15	672.90
		06/04/04	84.36	52.39	672.66
		08/19/04	84.36	53.27	671.78
		01/24/05	84.36	52.10	672.95
		07/19/05	84.36	43.75	681.30
		01/18/06	84.36	36.32	688.73
		06/01/06	84.36	37.98	687.07

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Historical Groundwater Elevations
Poway Landfill
Poway, California

Well Number	Top of Casing Elevation (ft MSL)	Date	Depth to Bottom (ft toc)	Depth to Water (ft toc)	Groundwater Elevation (ft MSL)
POGW-10	710.56	02/22/96	52.60	41.00	669.56
		08/15/96	52.60	45.25	665.31
		02/13/97	52.60	46.08	664.48
		08/26/97	52.60	44.07	666.49
		02/19/98	52.60	47.31	663.25
		08/27/98	52.60	28.87	681.69
		03/01/99	52.60	38.80	671.76
		09/02/99	52.60	43.48	667.08
		02/28/00	52.60	46.05	664.51
		08/02/00	52.60	46.10	664.46
		02/05/01	52.60	49.65	660.91
		07/31/01	53.86	43.92	666.64
		02/15/02	53.86	47.02	663.54
		08/02/02	53.86	49.12	661.44
		01/31/03	53.86	52.52	658.04
		03/11/03	53.86	53.30	657.26
		03/19/03	53.86	53.26	657.30
		07/25/03	53.86	47.95	662.61
		08/26/03	53.86	47.21	663.35
		03/15/04	53.86	48.95	661.61
		06/04/04	53.86	48.82	661.74
		08/19/04	53.86	49.62	660.94
		01/24/05	53.86	39.65	670.91
		07/19/05	53.86	28.75	681.81
		01/18/06	53.86	38.21	672.35
		06/01/06	53.86	41.31	669.25
POGW-11	628.71	04/09/96	54.20	43.35	585.36
		08/15/96	54.20	45.18	583.53
		02/13/97	54.20	44.11	584.60
		08/26/97	54.20	46.40	582.31
		02/18/98	54.20	43.07	585.64
		08/27/98	54.20	38.10	590.61
		03/01/99	54.20	42.54	586.17
		09/02/99	54.20	44.90	583.81
		02/28/00	54.20	47.53	581.18
		08/02/00	54.20	48.43	580.28
		02/05/01	54.20	51.79	576.92
		07/31/01	54.20	48.46	580.25
		02/15/02	54.20	48.50	580.21
		08/02/02	54.20	51.38	577.33
		01/31/03	54.20	52.22	576.49
		03/11/03	54.20	51.78	576.93
		03/19/03	54.20	51.68	577.03
		07/25/03	54.20	49.10	579.61
		08/26/03	54.20	49.38	579.33
		03/15/04	54.20	51.13	577.58
		06/04/04	54.20	51.05	577.66
		08/19/04	54.20	51.69	577.02
		01/24/05	54.20	47.81	580.90
		07/19/05	54.20	42.00	586.71
		01/18/06	54.20	46.71	582.00
		06/01/06	54.20	45.42	583.29

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Historical Groundwater Elevations
Poway Landfill
Poway, California

Well Number	Top of Casing Elevation (ft MSL)	Date	Depth to Bottom (ft toc)	Depth to Water (ft toc)	Groundwater Elevation (ft MSL)
POGW-12	594.72	02/22/96	15.80	10.10	584.62
		08/15/96	15.80	11.95	582.77
		02/13/97	15.80	10.25	584.47
		08/26/97	15.80	12.48	582.24
		02/19/98	15.80	10.63	584.09
		08/27/98	15.80	7.51	587.21
		03/01/99	15.80	9.00	585.72
		09/02/99	15.80	10.76	583.96
		03/06/00	15.80	12.32	582.40
		08/02/00	15.80	11.41	583.31
		02/05/01	15.80	13.26	581.46
		07/31/01	15.76	9.16	585.56
		02/15/02	15.76	9.67	585.05
		08/02/02	15.76	9.41	585.31
		01/31/03	15.76	9.83	584.89
		03/11/03	15.76	8.92	585.80
		03/19/03	15.76	8.72	586.00
		07/25/03	15.76	9.12	585.60
		08/26/03	15.76	9.52	585.20
		03/15/04	15.76	9.73	584.99
		06/04/04	15.76	9.53	585.19
		08/19/04	15.76	10.12	584.60
		01/24/05	15.76	7.03	587.69
		07/19/05	15.76	11.19	583.53
		01/18/06	15.76	13.33	581.39
		06/01/06	15.76	11.89	582.83
POGW-13	594.88	02/22/96	52.60	12.20	582.68
		08/15/96	52.60	13.90	580.98
		02/13/97	52.60	13.22	581.66
		08/26/97	52.60	14.40	580.48
		02/19/98	52.60	12.83	582.05
		08/27/98	52.60	7.25	587.63
		03/01/99	52.60	10.46	584.42
		09/02/99	52.60	12.49	582.39
		02/28/00	52.60	14.96	579.92
		08/02/00	52.60	15.61	579.27
		02/05/01	52.60	18.46	576.42
		07/31/01	52.52	15.07	579.81
		02/15/02	52.52	16.64	578.24
		08/01/02	52.52	17.54	577.34
		01/31/03	52.52	17.91	576.97
		03/11/03	52.52	17.91	576.97
		03/19/03	52.52	17.00	577.88
		07/25/03	52.52	15.57	579.31
		08/26/03	52.52	15.70	579.18
		03/15/04	52.52	16.04	578.84
		06/04/04	52.52	16.54	578.34
		08/19/04	52.52	17.06	577.82
		01/24/05	52.52	12.90	581.98
		07/19/05	52.52	10.28	584.60
		01/18/06	52.52	14.30	580.58
		06/01/06	52.52	15.11	579.77

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Historical Groundwater Elevations
Poway Landfill
Poway, California

Well Number	Top of Casing Elevation (ft MSL)	Date	Depth to Bottom (ft toc)	Depth to Water (ft toc)	Groundwater Elevation (ft MSL)
POGW-14	722.61	02/28/00	226.60	87.33	635.28
		08/02/00	226.60	88.35	634.26
		02/05/01	226.60	91.79	630.82
		07/31/01	225.68	90.31	632.30
		02/15/02	225.68	94.05	628.56
		08/02/02	225.68	96.90	625.71
		01/31/03	225.68	99.41	623.20
		03/11/03	225.68	99.78	622.83
		03/19/03	225.68	99.76	622.85
		07/25/03	225.68	98.88	623.73
		08/26/03	225.68	99.09	623.52
		03/15/04	225.68	99.18	623.43
		06/04/04	225.68	99.87	622.74
		08/19/04	225.68	100.86	621.75
		01/24/05	225.68	99.14	623.47
		07/19/05	225.68	82.83	639.78
		01/18/06	225.68	83.66	638.95
POGW-15	606.60	07/31/01	24.29	13.75	592.85
		02/15/02	24.29	16.78	589.82
		08/02/02	24.29	18.69	587.91
		01/31/03	24.29	20.17	586.43
		03/11/03	24.29	19.69	586.91
		03/19/03	24.29	19.77	586.83
		07/25/03	24.29	19.21	587.39
		08/26/03	24.29	19.39	587.21
		03/15/04	24.29	19.39	587.21
		06/04/04	24.29	20.72	585.88
		08/19/04	24.29	21.19	585.41
		01/24/05	24.29	12.58	594.02
		07/19/05	24.29	9.86	596.74
		01/18/06	24.29	13.05	593.55
		06/01/06	24.29	13.71	592.89
POGW-16	643.49	06/04/04	69.50	59.29	584.20
		06/30/04	69.50	59.40	584.09
		07/26/04	69.50	59.41	584.08
		08/19/04	69.50	59.92	583.57
		01/24/05	69.50	56.69	586.80
		07/19/05	69.50	48.80	594.69
		01/18/06	69.50	51.69	591.80
		06/01/06	69.50	52.46	591.03
POGW-17A	602.64	07/19/05	18.50	14.08	588.56
		01/18/06	18.50	17.85	584.79
		06/01/06	18.50	15.96	586.68
POGW-17B	602.50	07/19/05	45.00	16.56	585.94
		01/18/06	45.00	20.54	581.96
		06/01/06	45.00	21.63	580.87
POGW-18A	616.42	07/19/05	18.00	6.77	609.65
		01/18/06	18.00	9.81	606.61
		06/01/06	18.00	9.41	607.01
POGW-18B	616.54	07/19/05	45.00	18.05	598.49
		01/18/06	45.00	24.54	592.00
		06/01/06	45.00	24.50	592.04
POGW-19	652.62	05/05/06	85.40	70.15	582.47
		06/01/06	85.40	70.29	582.33
POGW-20	620.00	05/05/06	43.00	26.75	593.25
		06/01/06	43.00	26.78	593.22
POGW-21	617.92	05/05/06	32.90	23.60	594.32
		06/01/06	32.90	23.82	594.10

ft MSL - Feet above Mean Sea Level.
ft toc - Feet below top of casing.

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Off-Site Vapor Wells												
		VW-1A		VW-1B		VW-2A		VW-2B[1]	VW-2C*	VW-3A		VW-3B[1]	VW-4A	
	Units	4/20/2006	5/8/2006	4/20/2006	5/9/2006	4/20/2006	5/9/2006	5/11/2006	4/20/2006	4/20/2006	5/9/2006	5/11/2006	4/24/2006	5/9/2006
Fixed Gases														
Oxygen	%	-	16	-	16	-	17	11	-	-	15	7.2	14	14
Nitrogen	%	-	79	-	79	-	79	88	-	-	79	89	80	79
Carbon Monoxide	%	-	ND<0.024	-	ND<0.024	-	ND<0.023	ND<0.14	-	-	ND<0.024	ND<0.12	ND<0.023	ND<0.024
Methane	%	-	ND<0.00024	-	ND<0.00024	-	ND<0.00023	0.0021	-	-	ND<0.00024	0.0019	ND<0.00023	ND<0.00024
Carbon Dioxide	%	-	4.6	-	5.2	-	3.8	0.67	-	-	6.0	3.9	6.2	6.5
Helium	%	-	0.030	-	0.033	-	0.033	0.69	-	-	ND<0.024	ND<0.12	ND<0.023	0.032
VOCs by TO-15														
1,1,1-Trichloroethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,1,2,2-Tetrachloroethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,1,2-Trichloroethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,1-Dichloroethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,1-Dichloroethene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,1-Difluoroethane	PPBV	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	PPBV	ND<20	ND<4.8	ND<4.8	ND<4.8	ND<4.6	ND<4.7	ND<900	ND<4.8	ND<4.5	ND<4.8	ND<320	ND<4.7	ND<4.8
1,2,4-Trimethylbenzene	PPBV	9.8	8.8	5.3	ND<1.2	15	ND<1.2	ND<220	15	1.6	ND<1.2	ND<81	ND<1.2	ND<1.2
1,2-Dibromoethane (EDB)	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,2-Dichlorobenzene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,2-Dichloroethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,2-Dichloropropane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,3,5-Trimethylbenzene	PPBV	12	2.8	2.4	ND<1.2	6.5	ND<1.2	ND<220	6.5	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,3-Butadiene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,3-Dichlorobenzene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,4-Dichlorobenzene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
1,4-Dioxane	PPBV	ND<20	ND<4.8	ND<4.8	ND<4.8	ND<4.6	ND<4.7	ND<900	ND<4.8	ND<4.5	ND<4.8	ND<320	ND<4.7	ND<4.8
2,2,4-Trimethylpentane	PPBV	ND<4.9	ND<1.2	12	ND<1.2	6.5	ND<1.2	ND<220	6.3	1.6	ND<1.2	ND<81	ND<1.2	ND<1.2
2-Butanone	PPBV	ND<4.9	ND<1.2	3.8	ND<1.2	6.8	2.1	ND<220	6.7	ND<1.1	1.3	ND<81	1.8	2.1
2-Hexanone	PPBV	ND<20	ND<4.8	ND<4.8	ND<4.8	ND<4.6	ND<4.7	ND<900	ND<4.8	ND<4.5	ND<4.8	ND<320	ND<4.7	ND<4.8
2-Propanol	PPBV	ND<20	ND<4.8	ND<4.8	ND<4.8	ND<4.6	ND<4.7	240000	ND<4.8	ND<4.5	ND<4.8	72000	ND<4.7	ND<4.8
3-Chloropropene	PPBV	ND<20	ND<4.8	ND<4.8	ND<4.8	ND<4.6	ND<4.7	ND<900	ND<4.8	ND<4.5	ND<4.8	ND<320	ND<4.7	ND<4.8
4-Ethyltoluene	PPBV	20	5.4	5.2	ND<1.2	11	ND<1.2	ND<220	11	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
4-Methyl-2-pentanone	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	1.9	ND<1.2	ND<220	1.9	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Acetone	PPBV	ND<20	8.0	35	ND<4.8	130	ND<4.7	2000	130	ND<4.5	5.7	440	ND<4.7	9.0
alpha-Chlorotoluene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Benzene	PPBV	ND<4.9	ND<1.2	2.9	ND<1.2	5.9	1.2	ND<220	6.5	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Bromodichloromethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	5.6	3.2	ND<81	ND<1.2	ND<1.2
Bromoform	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Bromomethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Carbon Disulfide	PPBV	ND<4.9	ND<1.2	2.7	1.7	33	14	ND<220	34	1.4	1.3	ND<81	2.5	1.3
Carbon Tetrachloride	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Chlorobenzene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Chloroethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Chloroform	PPBV	ND<4.9	1.6	4.0	4.1	4.7	4.1	ND<220	4.8	44	30	ND<81	ND<1.2	ND<1.2
Chloromethane	PPBV	ND<20	ND<4.8	ND<4.8	ND<4.8	ND<4.6	ND<4.7	ND<900	ND<4.8	ND<4.5	ND<4.8	ND<320	ND<4.7	ND<4.8
cis-1,2-Dichloroethene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
cis-1,3-Dichloropropene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Off-Site Vapor Wells												
		VW-1A		VW-1B		VW-2A		VW-2B[1]	VW-2C*	VW-3A		VW-3B[1]	VW-4A	
	Units	4/20/2006	5/8/2006	4/20/2006	5/9/2006	4/20/2006	5/9/2006	5/11/2006	4/20/2006	4/20/2006	5/9/2006	5/11/2006	4/24/2006	5/9/2006
VOCs by TO-15														
Cumene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Cyclohexane	PPBV	5.0	ND<1.2	6.4	ND<1.2	8.6	ND<1.2	ND<220	8.4	1.7	ND<1.2	ND<81	ND<1.2	ND<1.2
Dibromochloromethane	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Ethanol	PPBV	ND<20	6.1	ND<4.8	ND<4.8	ND<4.6	ND<4.7	ND<900	ND<4.8	ND<4.5	ND<4.8	ND<320	9.9	9.5
Ethyl Benzene	PPBV	67	ND<1.2	15	ND<1.2	18	ND<1.2	ND<220	18	1.6	ND<1.2	ND<81	ND<1.2	ND<1.2
Freon 11	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Freon 113	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Freon 114	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Freon 12 (DCDFM)	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	1.4	1.7
Heptane	PPBV	ND<4.9	ND<1.2	4.3	ND<1.2	3.7	ND<1.2	ND<220	3.6	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Hexachlorobutadiene	PPBV	ND<20	ND<4.8	ND<4.8	ND<4.8	ND<4.6	ND<4.7	ND<900	ND<4.8	ND<4.5	ND<4.8	ND<320	ND<4.7	ND<4.8
Hexane	PPBV	ND<4.9	ND<1.2	4.7	ND<1.2	2.1	ND<1.2	ND<220	2.3	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Iodomethane	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPBV	150	8.0	45	2.2	49	1.2	ND<220	49	4.1	ND<1.2	ND<81	2.1	ND<1.2
Methyl tert-butyl ether	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	1.4	ND<1.2	ND<220	1.4	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Methylene Chloride	PPBV	ND<4.9	ND<1.2	1.4	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
o-Xylene	PPBV	84	5.1	19	ND<1.2	26	ND<1.2	ND<220	27	2.0	ND<1.2	ND<81	1.5	ND<1.2
Propylbenzene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	1.8	ND<1.2	ND<220	1.9	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Styrene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Tetrachloroethene	PPBV	ND<4.9	ND<1.2	3.3	3.3	4.1	2.5	ND<220	4.1	ND<1.1	ND<1.2	ND<81	51	59
Tetrahydrofuran	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Toluene	PPBV	1000	7.5	320	8.9	44	1.4	ND<220	44	4.4	1.8	ND<81	3.4	ND<1.2
trans-1,2-Dichloroethene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
trans-1,3-Dichloropropene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
trans-1,4-Dichloro-2-butene	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2
Vinyl Acetate	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	PPBV	ND<4.9	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<220	ND<1.2	ND<1.1	ND<1.2	ND<81	ND<1.2	ND<1.2

PPBV - Parts per billion by volume
ND - Not detected at concentrations greater than or equal to the method detection limit (MDL)
QCFB - Quality control field blank
QCTB - Quality control trip blank
E - Exceeds instrument calibration range
S - Saturated peak
J - Estimated value between the MDL and RL
R - Samples collected when flare system was off
*Duplicate sample collected at vapor well
VOCs - Volatile organic compounds
- Not analyzed
[1] - Tracer gas breakthough in soil vapor well

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Off-Site Vapor Wells														
		VW-4B		VW-4C*	VW-5A	VW-5B[1]	VW-6A	VW-6B[1]	VW-7A		VW-7C*	VW-8A		VW-8B		VW-9[1]
	Units	4/24/2006	5/9/2006	5/9/2006	5/9/2006	5/11/2006	5/10/2006	5/11/2006	4/24/2006	5/10/2006	4/24/2006	4/24/2006	5/9/2006	4/25/2006	5/9/2006	5/11/2006
Fixed Gases																
Oxygen	%	12	12	15	17	6.0	15	3.2	16	10	16	18	17	18	17	14
Nitrogen	%	80	79	79	81	94	81	96	82	88	82	78	79	78	79	86
Carbon Monoxide	%	ND<0.022	ND<0.023	ND<0.021	ND<0.023	ND<0.15	ND<0.025	ND<0.20	ND<0.024	ND<0.023	ND<0.024	ND<0.022	ND<0.024	ND<0.022	ND<0.023	ND<0.12
Methane	%	ND<0.00022	ND<0.00023	ND<0.00021	ND<0.00023	ND<0.0015	ND<0.00025	ND<0.0020	ND<0.00024	ND<0.00023	ND<0.00024	ND<0.00022	ND<0.00024	ND<0.00022	ND<0.00023	ND<0.0012
Carbon Dioxide	%	8.5	8.8	5.6	2.2	ND<0.15	4.1	0.32	1.6	2.4	1.5	3.6	3.8	3.7	3.8	0.36
Helium	%	ND<0.022	0.028	0.096	0.038	ND<0.15	0.090	ND<0.20	ND<0.024	0.034	ND<0.024	ND<0.022	0.030	ND<0.022	0.030	ND<0.12
VOCs by TO-15																
1,1,1-Trichloroethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,1,2,2-Tetrachloroethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,1,2-Trichloroethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,1-Dichloroethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,1-Dichloroethene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,1-Difluoroethane	PPBV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	PPBV	ND<4.5	ND<4.6	ND<4.3	ND<4.7	ND<76	ND<4.9	ND<40	ND<4.8	ND<4.7	ND<4.8	ND<4.4	ND<4.8	ND<4.5	ND<4.6	ND<610
1,2,4-Trimethylbenzene	PPBV	3.5	2.3	ND<1.1	ND<1.2	ND<19	2.0	ND<10	1.7	ND<1.2	1.8	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,2-Dibromoethane (EDB)	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,2-Dichlorobenzene	PPBV	ND<1.1	1.6	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,2-Dichloroethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,2-Dichloropropane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,3,5-Trimethylbenzene	PPBV	1.4	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,3-Butadiene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,3-Dichlorobenzene	PPBV	ND<1.1	1.6	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,4-Dichlorobenzene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
1,4-Dioxane	PPBV	ND<4.5	ND<4.6	ND<4.3	ND<4.7	ND<76	ND<4.9	ND<40	ND<4.8	ND<4.7	ND<4.8	ND<4.4	ND<4.8	ND<4.5	ND<4.6	ND<610
2,2,4-Trimethylpentane	PPBV	4.4	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	19	ND<1.2	23	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
2-Butanone	PPBV	1.8	4.1	2.3	2.2	ND<19	4.1	14	ND<1.2	2.5	1.5	ND<1.1	2.8	1.1	3.1	ND<150
2-Hexanone	PPBV	ND<4.5	ND<4.6	ND<4.3	ND<4.7	ND<76	ND<4.9	ND<40	ND<4.8	ND<4.7	ND<4.8	ND<4.4	ND<4.8	ND<4.5	ND<4.6	ND<610
2-Propanol	PPBV	ND<4.5	8.2	ND<4.3	ND<4.7	17000	ND<4.9	10000	ND<4.8	ND<4.7	ND<4.8	ND<4.4	ND<4.8	ND<4.5	ND<4.6	170000
3-Chloropropene	PPBV	ND<4.5	ND<4.6	ND<4.3	ND<4.7	ND<76	ND<4.9	ND<40	ND<4.8	ND<4.7	ND<4.8	ND<4.4	ND<4.8	ND<4.5	ND<4.6	ND<610
4-Ethyltoluene	PPBV	2.9	1.5	ND<1.1	ND<1.2	ND<19	1.4	ND<10	1.7	ND<1.2	1.7	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
4-Methyl-2-pentanone	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Acetone	PPBV	ND<4.5	11	4.4	ND<4.7	360	12	400	ND<4.8	7.0	5.0	ND<4.4	10	4.6	7.7	1000
alpha-Chlorotoluene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Benzene	PPBV	6.0	2.4	ND<1.1	ND<1.2	ND<19	3.8	ND<10	2.6	2.2	2.6	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Bromodichloromethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	3.7	ND<1.2	3.7	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Bromoform	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Bromomethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Carbon Disulfide	PPBV	12	13	1.1	12	ND<19	21	11	29	10	30	1.1	ND<1.2	1.8	1.8	ND<150
Carbon Tetrachloride	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Chlorobenzene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Chloroethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Chloroform	PPBV	ND<1.1	ND<1.1	ND<1.1	1.3	ND<19	ND<1.2	ND<10	22	7.7	22	4.4	3.8	4.9	4.9	ND<150
Chloromethane	PPBV	ND<4.5	ND<4.6	ND<4.3	ND<4.7	ND<76	ND<4.9	ND<40	ND<4.8	ND<4.7	ND<4.8	ND<4.4	ND<4.8	ND<4.5	ND<4.6	ND<610
cis-1,2-Dichloroethene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
cis-1,3-Dichloropropene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Off-Site Vapor Wells														
		VW-4B		VW-4C*	VW-5A	VW-5B[1]	VW-6A	VW-6B[1]	VW-7A		VW-7C*	VW-8A		VW-8B		VW-9[1]
	Units	4/24/2006	5/9/2006	5/9/2006	5/9/2006	5/11/2006	5/10/2006	5/11/2006	4/24/2006	5/10/2006	4/24/2006	4/24/2006	5/9/2006	4/25/2006	5/9/2006	5/11/2006
VOCs by TO-15																
Cumene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Cyclohexane	PPBV	ND<1.1	ND<1.1	1.4	ND<1.2	ND<19	ND<1.2	ND<10	1.3	3.4	1.5	1.7	ND<1.2	1.7	ND<1.1	ND<150
Dibromochloromethane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Ethanol	PPBV	ND<4.5	ND<4.6	ND<4.3	ND<4.7	ND<76	ND<4.9	ND<40	ND<4.8	ND<4.7	ND<4.8	ND<4.4	ND<4.8	ND<4.5	9.7	ND<610
Ethyl Benzene	PPBV	4.1	2.3	ND<1.1	ND<1.2	ND<19	2.7	ND<10	2.1	ND<1.2	2.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Freon 11	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Freon 113	PPBV	1.8	2.2	ND<1.1	4.3	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Freon 114	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Freon 12 (DCDFM)	PPBV	2.6	3.0	1.4	4.3	ND<19	1.3	ND<10	ND<1.2	ND<1.2	ND<1.2	1.4	1.4	1.3	1.5	ND<150
Heptane	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	1.3	ND<1.1	ND<150
Hexachlorobutadiene	PPBV	ND<4.5	ND<4.6	ND<4.3	ND<4.7	ND<76	ND<4.9	ND<40	ND<4.8	ND<4.7	ND<4.8	ND<4.4	ND<4.8	ND<4.5	ND<4.6	ND<610
Hexane	PPBV	2.6	ND<1.1	2.2	ND<1.2	ND<19	ND<1.2	ND<10	4.9	2.9	5.5	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Iodomethane	PPBV	ND	ND	ND	ND	ND<	ND	ND<	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPBV	16	6.3	1.7	ND<1.2	ND<19	8.7	ND<10	4.6	1.2	4.9	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Methyl tert-butyl ether	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Methylene Chloride	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	5.1	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
o-Xylene	PPBV	5.0	2.7	ND<1.1	ND<1.2	ND<19	4.1	ND<10	2.2	ND<1.2	2.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Propylbenzene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Styrene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Tetrachloroethene	PPBV	62	88	49	19	ND<19	6.2	11	3.7	2.0	3.6	2.1	2.2	1.7	1.9	ND<150
Tetrahydrofuran	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	1.3	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
Toluene	PPBV	23	8.2	23	ND<1.2	ND<19	14	17	6.3	1.4	9.1	ND<1.1	ND<1.2	ND<1.1	17	ND<150
trans-1,2-Dichloroethene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
trans-1,3-Dichloropropene	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150
trans-1,4-Dichloro-2-butene	PPBV	ND	ND	ND	ND	ND<	ND	ND<	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPBV	ND<1.1	1.5	ND<1.1	1.8	ND<19	ND<1.2	ND<10	19	5.6	19	3.7	2.8	ND<1.1	ND<1.1	ND<150
Vinyl Acetate	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	PPBV	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<19	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<150

PPBV - Parts per billion by volume
ND - Not detected at concentrations greater than or equal to the method detection limit (MDL)
QCFB - Quality control field blank
QCTB - Quality control trip blank
E - Exceeds instrument calibration range
S - Saturated peak
J - Estimated value between the MDL and RL
R - Samples collected when flare system was off
*Duplicate sample collected at vapor well
VOCs - Volatile organic compounds
- Not analyzed
[1] - Tracer gas breakthough in soil vapor well

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Off-Site Vapor Wells												
		VW-10		VW-10C*	VW-11		VW-11C*	VW-12		VW-12 C*	VW-13		VW-14	
	Units	4/25/2006	5/10/2006	4/25/2006	4/25/2006	5/10/2006	5/10/2006	5/10/2006	6/1/2006	6/1/2006	5/10/2006	6/1/2006	5/10/2006	6/1/2006
Fixed Gases														
Oxygen	%	18	17	18	17	15	15	13	14	14	17	18	15	16
Nitrogen	%	78	79	78	79	81	81	80	78	78	81	80	82	79
Carbon Monoxide	%	ND<0.022	ND<0.022	ND<0.024	ND<0.022	ND<0.022	ND<0.023	ND<0.024	ND<0.022	ND<0.023	ND<0.024	ND<0.025	ND<0.025	ND<0.026
Methane	%	ND<0.00022	ND<0.00022	ND<0.00024	ND<0.00022	ND<0.00022	ND<0.00023	ND<0.00024	ND<0.00022	ND<0.00023	ND<0.00024	ND<0.00025	ND<0.00025	ND<0.00026
Carbon Dioxide	%	3.8	4.0	3.9	3.8	3.9	4.0	7.4	8.3	8.3	1.6	2.4	3.4	4.7
Helium	%	0.060	0.034	0.062	0.091	0.064	0.074	ND<0.024	ND<0.022	ND<0.023	0.025	ND<0.025	ND<0.025	ND<0.026
VOCs by TO-15														
1,1,1-Trichloroethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,1,2,2-Tetrachloroethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,1,2-Trichloroethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,1-Dichloroethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,1-Dichloroethene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,1-Difluoroethane	PPBV	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	PPBV	ND<4.4	ND<4.5	ND<4.8	ND<4.4	ND<4.5	ND<4.6	ND<4.8	ND<4.5	ND<4.7	ND<4.8	ND<5.1	ND<5.1	ND<5.2
1,2,4-Trimethylbenzene	PPBV	ND<1.1	2.3	ND<1.2	ND<1.1	12	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	5.1	ND<1.3
1,2-Dibromoethane (EDB)	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,2-Dichlorobenzene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	26	1.6
1,2-Dichloroethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,2-Dichloropropane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,3,5-Trimethylbenzene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	3.5	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	2.1	ND<1.3
1,3-Butadiene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	16	ND<1.3	10	ND<1.3
1,3-Dichlorobenzene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
1,4-Dichlorobenzene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	3.9	ND<1.3
1,4-Dioxane	PPBV	ND<4.4	ND<4.5	ND<4.8	ND<4.4	ND<4.5	ND<4.6	ND<4.8	ND<4.5	ND<4.7	ND<4.8	ND<5.1	ND<5.1	ND<5.2
2,2,4-Trimethylpentane	PPBV	ND<1.1	1.1	ND<1.2	2.8	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
2-Butanone	PPBV	1.6	2.0	1.6	1.4	2.5	1.7	2.7	2.6	1.6	1.8	3.4	3.4	1.7
2-Hexanone	PPBV	ND<4.4	ND<4.5	ND<4.8	ND<4.4	ND<4.5	ND<4.6	ND<4.8	ND<4.5	ND<4.7	ND<4.8	ND<5.1	ND<5.1	ND<5.2
2-Propanol	PPBV	ND<4.4	ND<4.5	ND<4.8	ND<4.4	ND<4.5	ND<4.6	ND<4.8	ND<4.5	ND<4.7	13	ND<5.1	ND<5.1	ND<5.2
3-Chloropropene	PPBV	ND<4.4	ND<4.5	ND<4.8	ND<4.4	ND<4.5	ND<4.6	ND<4.8	ND<4.5	ND<4.7	ND<4.8	ND<5.1	ND<5.1	ND<5.2
4-Ethyltoluene	PPBV	ND<1.1	1.4	ND<1.2	ND<1.1	6.2	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	1.3	ND<1.3
4-Methyl-2-pentanone	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Acetone	PPBV	ND<4.4	4.5	ND<4.8	ND<4.4	4.8	ND<4.6	8.9	9.3	ND<4.7	7.0	9.5	6.4	ND<5.2
alpha-Chlorotoluene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Benzene	PPBV	ND<1.1	2.5	ND<1.2	1.5	1.8	ND<1.1	ND<1.2	ND<1.1	ND<1.2	5.0	ND<1.3	3.7	ND<1.3
Bromodichloromethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Bromoform	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Bromomethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Carbon Disulfide	PPBV	ND<1.1	1.9	1.2	5.3	9.8	3.9	1.4	1.2	1.2	14	4.4	4.8	ND<1.3
Carbon Tetrachloride	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Chlorobenzene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	1.2	ND<1.3	ND<1.3	ND<1.3
Chloroethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Chloroform	PPBV	26	14	27	2.7	2.6	2.7	ND<1.2	ND<1.1	ND<1.2	2.3	1.6	1.7	1.7
Chloromethane	PPBV	ND<4.4	ND<4.5	ND<4.8	ND<4.4	ND<4.5	ND<4.6	ND<4.8	ND<4.5	ND<4.7	ND<4.8	ND<5.1	ND<5.1	ND<5.2
cis-1,2-Dichloroethene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
cis-1,3-Dichloropropene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3

Table 2
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February through June 2006
Poway Landfill
Poway, California

		Off-Site Vapor Wells												
		VW-10		VW-10C*	VW-11		VW-11C*	VW-12		VW-12 C*	VW-13		VW-14	
	Units	4/25/2006	5/10/2006	4/25/2006	4/25/2006	5/10/2006	5/10/2006	5/10/2006	6/1/2006	6/1/2006	5/10/2006	6/1/2006	5/10/2006	6/1/2006
VOCs by TO-15														
Cumene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	3.9	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Cyclohexane	PPBV	ND<1.1	1.9	ND<1.2	2.5	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	9.0	ND<1.3	2.1	ND<1.3
Dibromochloromethane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Ethanol	PPBV	ND<4.4	ND<4.5	ND<4.8	ND<4.4	ND<4.5	19	11	7.3	ND<4.7	ND<4.8	ND<5.1	ND<5.1	ND<5.2
Ethyl Benzene	PPBV	ND<1.1	1.6	ND<1.2	3.0	3.0	ND<1.1	ND<1.2	ND<1.1	ND<1.2	2.7	ND<1.3	ND<1.3	ND<1.3
Freon 11	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	2.7	1.3	ND<1.3	1.5
Freon 113	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	14	17	17	ND<1.2	ND<1.3	6.2	5.8
Freon 114	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Freon 12 (DCDFM)	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	17	20	21	1.3	1.4	14	13
Heptane	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Hexachlorobutadiene	PPBV	ND<4.4	ND<4.5	ND<4.8	ND<4.4	ND<4.5	ND<4.6	ND<4.8	ND<4.5	ND<4.7	ND<4.8	ND<5.1	ND<5.1	ND<5.2
Hexane	PPBV	ND<1.1	2.5	ND<1.2	1.9	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	11	ND<1.3	4.0	ND<1.3
Iodomethane	PPBV	ND	ND	ND	ND	ND	ND	ND	ND<	ND	ND	ND	ND	ND
m,p-Xylene	PPBV	1.2	6.6	1.6	3.4	11	ND<1.1	1.5	ND<1.1	ND<1.2	4.2	ND<1.3	1.9	ND<1.3
Methyl tert-butyl ether	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Methylene Chloride	PPBV	ND<1.1	5.7	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	1.9	ND<1.3	ND<1.3	ND<1.3
o-Xylene	PPBV	ND<1.1	ND<1.1	ND<1.2	3.4	6.7	1.1	3.4	ND<1.1	ND<1.2	2.9	ND<1.3	1.4	ND<1.3
Propylbenzene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	1.4	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Styrene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Tetrachloroethene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	1.3	4.3	6.7	6.7	2.6	5.3	1.4	1.5
Tetrahydrofuran	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
Toluene	PPBV	ND<1.1	ND<1.1	1.8	7.0	6.4	2.1	ND<1.2	4.4	ND<1.2	15	1.3	5.7	2.0
trans-1,2-Dichloroethene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
trans-1,3-Dichloropropene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3
trans-1,4-Dichloro-2-butene	PPBV	ND	ND	ND	ND	ND	ND	ND	ND<	ND	ND	ND	ND	ND
Trichloroethene	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	4.2	2.4	3.5	4.0
Vinyl Acetate	PPBV	ND	ND	ND	ND	ND	ND	ND	ND<	ND	ND	ND	ND	ND
Vinyl Chloride	PPBV	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.1	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.3	ND<1.3	ND<1.3

PPBV - Parts per billion by volume
ND - Not detected at concentrations greater than or equal to the method detection limit (MDL)
QCFB - Quality control field blank
QCTB - Quality control trip blank
E - Exceeds instrument calibration range
S - Saturated peak
J - Estimated value between the MDL and RL
R - Samples collected when flare system was off
*Duplicate sample collected at vapor well
VOCs - Volatile organic compounds
- Not analyzed
[1] - Tracer gas breakthough in soil vapor well

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Background Soil Vapor Wells				Refuse Soil Vapor Wells				Soil Vapor wells Underlying Refuse		Property Boundary Soil Vapor Wells				
		PVP-5		PVP-6		PVP-7A	PVP-8	PVP-9	PVP-10A	PVP-7B	PVP-10B	PVP-1[1]		PVP-1D*	PVP-1A	
	Units	4/19/2006	5/8/2006	4/19/2006	5/8/2006	4/6/2006	4/6/2006	4/6/2006	4/6/2006	4/6/2006	4/6/2006	2/2/2006	2/14/2006	2/2/2006	4/19/2006	5/8/2006
Fixed Gases																
Oxygen	%	21	21	18	19	2.1	8.2	1.4	1.1	7.2	1.1	3.6	6.6	14	20	19
Nitrogen	%	78	78	79	79	38	52	58	44	47	46	96	93	86	78	79
Carbon Monoxide	%	ND<0.025	ND<0.022	ND<0.023	ND<0.025	ND<0.023	ND<0.020	ND<0.025	ND<0.024	ND<0.026	ND<0.024	ND<0.023	ND<0.055	ND<0.025	ND<0.026	ND<0.026
Methane	%	ND<0.00025	ND<0.00022	ND<0.00023	ND<0.00025	30	20	16	28	22	26	0.031	0.031	0.0089	ND<0.00026	ND<0.00026
Carbon Dioxide	%	0.54	0.44	2.5	2.4	30	20	25	27	24	27	0.44	0.60	0.46	1.7	2.1
Helium	%	ND<0.025	0.29	0.047	ND<0.025	-	-	-	-	-	-	-	-	-	ND<0.026	ND<0.026
VOCs by TO-15																
1,1,1-Trichloroethane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,1,2,2-Tetrachloroethane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,1,2-Trichloroethane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,1-Dichloroethane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	8.5	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,1-Dichloroethene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	4.8	ND<2.6	14	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,1-Difluoroethane	PPBV	-	-	-	-	150	6200E	ND<40	140	90	300	-	-	-	-	-
1,2,4-Trichlorobenzene	PPBV	ND<5.1	ND<4.5	ND<4.6	ND<4.9	ND<19	ND<32	ND<40	ND<19	ND<10	ND<6.5	ND<31	ND<37	ND<12	ND<5.2	ND<5.2
1,2,4-Trimethylbenzene	PPBV	3.4	3.8	4.6	3.8	23	ND<8.1	ND<10	ND<4.8	23	5.8	14	ND<9.2	14	1.5	1.6
1,2-Dibromoethane (EDB)	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,2-Dichlorobenzene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,2-Dichloroethane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,2-Dichloropropane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,3,5-Trimethylbenzene	PPBV	3.1	2.0	1.4	1.6	15	ND<8.1	ND<10	ND<4.8	14	2	ND<7.8	ND<9.2	3.9	ND<1.3	ND<1.3
1,3-Butadiene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,3-Dichlorobenzene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,4-Dichlorobenzene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	2.6	3.5	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
1,4-Dioxane	PPBV	ND<5.1	ND<4.5	ND<4.6	ND<4.9	19	ND<32	61	ND<19	16	13	ND<31	ND<37	ND<12	ND<5.2	ND<5.2
2,2,4-Trimethylpentane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	18	20	24	10	21	11	120	57	75	ND<1.3	ND<1.3
2-Butanone	PPBV	6.9	3.6	3.4	1.8	70	1400	1200	77	64	31	200	46	150	54	25
2-Hexanone	PPBV	ND<5.1	ND<4.5	ND<4.6	ND<4.9	ND<19	ND<32	ND<40	ND<19	ND<10	ND<6.5	ND<31	ND<37	16	ND<5.2	ND<5.2
2-Propanol	PPBV	ND<5.1	ND<4.5	ND<4.6	ND<4.9	ND<19	2700	2200	ND<19	ND<10	ND<6.5	31	14000E	4400E	ND<5.2	ND<5.2
3-Chloropropene	PPBV	ND<5.1	ND<4.5	ND<4.6	ND<4.9	ND<19	ND<32	ND<40	ND<19	ND<10	ND<6.5	ND<31	ND<37	ND<12	ND<5.2	ND<5.2
4-Ethyltoluene	PPBV	2.1	1.2	1.6	ND<1.2	31	14	15	ND<4.8	30	3.6	9.0	ND<9.2	9.3	ND<1.3	ND<1.3
4-Methyl-2-pentanone	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	150	250	260	ND<4.8	26	5.2	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Acetone	PPBV	17	8.0	9.2	ND<4.9	130	1200	760	140	150	120	240	670	200	87	32
alpha-Chlorotoluene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Benzene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	100	130	180	140	87	120	120	140	150	ND<1.3	ND<1.3
Bromodichloromethane	PPBV	ND<1.3	ND<1.1	ND<1.1	1.4	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Bromoform	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Bromomethane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Carbon Disulfide	PPBV	ND<1.3	1.8	1.5	ND<1.2	18	12	ND<10	5.4	63	8.4	27	120	69	1.9	3.5
Carbon Tetrachloride	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Chlorobenzene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	25	18	15	20	11	19	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Chloroethane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	19	12	9.7	ND<2.6	10	21	ND<9.2	16	ND<1.3	ND<1.3
Chloroform	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	5.3	4.6	3.7	ND<7.8	ND<9.2	9.4	ND<1.3	ND<1.3
Chloromethane	PPBV	ND<5.1	ND<4.5	ND<4.6	ND<4.9	ND<19	ND<32	ND<40	ND<19	ND<10	ND<6.5	ND<31	ND<37	ND<12	ND<5.2	ND<5.2
cis-1,2-Dichloroethene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	17	58	61	65	16	64	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
cis-1,3-Dichloropropene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Background Soil Vapor Wells				Refuse Soil Vapor Wells				Soil Vapor wells Underlying Refuse		Property Boundary Soil Vapor Wells				
		PVP-5		PVP-6		PVP-7A	PVP-8	PVP-9	PVP-10A	PVP-7B	PVP-10B	PVP-1[1]		PVP-1D*	PVP-1A	
	Units	4/19/2006	5/8/2006	4/19/2006	5/8/2006	4/6/2006	4/6/2006	4/6/2006	4/6/2006	4/6/2006	4/6/2006	2/2/2006	2/14/2006	2/2/2006	4/19/2006	5/8/2006
VOCs by TO-15																
Cumene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	100	64	57	38	51	24	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Cyclohexane	PPBV	5.1	ND<1.1	ND<1.1	ND<1.2	39	46	460	91	39	75	38	51	20	24	ND<1.3
Dibromochloromethane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	2.2	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Ethanol	PPBV	12	26	5.6	31	ND<19	2800	2200	ND<19	ND<10	ND<6.5	860	ND<37	780	6.9	9.6
Ethyl Benzene	PPBV	ND<1.3	ND<1.1	1.5	ND<1.2	1400	2900	920	360	700	210	8.8	11	7.6	ND<1.3	ND<1.3
Freon 11	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Freon 113	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	27	34	64	34	33
Freon 114	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	250	410	190	420	340	320	10	15	20	12	11
Freon 12 (DCDFM)	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	510	910	350	210	73	260	98	210	140	58	56
Heptane	PPBV	2.5	ND<1.1	ND<1.1	ND<1.2	1800	2600	2000	1400	2300E	250	380	420	400	7.2	ND<1.3
Hexachlorobutadiene	PPBV	ND<5.1	ND<4.5	ND<4.6	ND<4.9	ND<19	ND<32	ND<40	ND<19	ND<10	ND<6.5	ND<31	ND<37	ND<12	ND<5.2	ND<5.2
Hexane	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	160	180	590	170	230	130	1400	1300	630	ND<1.3	2.1
Iodomethane	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	ND	ND
m,p-Xylene	PPBV	2.6	3.5	3.5	3.5	640	410	310	36	310	24	34	44	31	1.6	2.3
Methyl tert-butyl ether	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	2.1	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Methylene Chloride	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	49	240	ND<4.8	ND<2.6	2.7	ND<7.8	ND<9.2	ND<3.1	13	13
o-Xylene	PPBV	ND<1.3	2.1	1.2	1.4	280	220	140	20	130	14	15	14	15	ND<1.3	ND<1.3
Propylbenzene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	29	14	12	13	23	10	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Styrene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	36	13	5.4	ND<2.6	4.2	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Tetrachloroethene	PPBV	ND<1.3	1.2	ND<1.1	1.2	ND<4.7	18	27	ND<4.8	3.3	5	ND<7.8	ND<9.2	ND<3.1	1.8	2.1
Tetrahydrofuran	PPBV	ND<1.3	1.1	ND<1.1	ND<1.2	730	1100	380	310	220	44	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Toluene	PPBV	4.5	3.1	2.9	2.2	310	700	610	74	160	36	95	110	140	3.3	7.5
trans-1,2-Dichloroethene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	2.2	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
trans-1,3-Dichloropropene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	ND<4.7	ND<8.1	ND<10	ND<4.8	ND<2.6	ND<1.6	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
trans-1,4-Dichloro-2-butene	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	ND	ND
Trichloroethene	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	19	36	37	19	10	23	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3
Vinyl Acetate	PPBV	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	ND	ND
Vinyl Chloride	PPBV	ND<1.3	ND<1.1	ND<1.1	ND<1.2	82	250	120	180	31	280	ND<7.8	ND<9.2	ND<3.1	ND<1.3	ND<1.3

PPBV - Parts per billion by volume
ND - Not detected at concentrations greater than
or equal to the method detection limit (MDL)
QCFB - Quality control field blank
QCTB - Quality control trip blank
E - Exceeds instrument calibration range
S - Saturated peak
J - Estimated value between the MDL and RL
R - Samples collected when flare system was off
*Duplicate sample collected at vapor well
VOCs - Volatile organic compounds
- Not analyzed
[1] - Tracer gas breakthough in soil vapor well

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Property Boundary Soil Vapor Wells																
		PVP-2A		PVP-2A-R	PVP-2AD-R*	PVP-2A	PVP-2B		PVP-2B-R	PVP-2B[1]	PVP-3A				PVP-3B			
	Units	2/2/2006	2/14/2006[1]	2/14/2006[1]	2/14/2006	5/8/2006	2/2/2006[1]	2/14/2006	2/14/2006[1]	5/8/2006	2/2/2006	2/14/2006[1]	4/19/2006	5/8/2006	2/2/2006	2/14/2006	4/19/2006	5/8/2006
Fixed Gases																		
Oxygen	%	21	13	20	20	19	21	3.5	11	20	20	20	21	21	2.9	4.6	19	17
Nitrogen	%	79	86	78	78	79	79	96	88	80	79	79	78	78	95	93	78	80
Carbon Monoxide	%	ND<0.024	ND<0.016	ND<0.023	ND<0.024	ND<0.023	ND<0.022	ND<0.047	ND<0.050	ND<0.030	ND<0.024	ND<0.024	ND<0.026	ND<0.024	ND<0.025	ND<0.024	ND<0.023	ND<0.025
Methane	%	ND<0.00024	ND<0.00016	ND<0.00023	ND<0.00024	ND<0.00023	0.00028	0.011	0.0046	0.00050	0.00049	ND<0.00024	ND<0.00026	ND<0.00024	0.0072	0.0096	ND<0.00023	ND<0.00025
Carbon Dioxide	%	0.47	1.1	1.5	1.5	2.2	0.047	0.46	0.42	0.24	1.1	1.2	0.81	0.81	1.6	2.4	2.7	2.6
Helium	%	-	-	-	-	ND<0.023	-	-	-	ND<0.030	-	-	ND<0.026	ND<0.024	-	-	0.027	ND<0.025
VOCs by TO-15																		
1,1,1-Trichloroethane	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,1,2,2-Tetrachloroethane	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,1,2-Trichloroethane	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,1-Dichloroethane	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,1-Dichloroethene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,1-Difluoroethane	PPBV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	PPBV	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.6	ND<4.5	ND<9.3	ND<130	ND<12	ND<4.8	ND<4.8	ND<5.3	ND<4.8	ND<25	ND<19	ND<4.7	ND<5.1
1,2,4-Trimethylbenzene	PPBV	9.1	10	14	13	2.8	ND<1.1	ND<2.3	ND<32	ND<3.0	17	7.9	6.4	3.1	21	12	8.3	3.9
1,2-Dibromoethane (EDB)	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,2-Dichlorobenzene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,2-Dichloroethane	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,2-Dichloropropane	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,3,5-Trimethylbenzene	PPBV	2.8	ND<4.7	4.1	5.0	1.3	ND<1.1	ND<2.3	ND<32	ND<3.0	5.0	3.1	4.1	3.2	ND<6.2	4.7	5.0	4.3
1,3-Butadiene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,3-Dichlorobenzene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,4-Dichlorobenzene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
1,4-Dioxane	PPBV	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.6	ND<4.5	ND<9.3	ND<130	ND<12	ND<4.8	ND<4.8	ND<5.3	ND<4.8	ND<25	ND<19	ND<4.7	ND<5.1
2,2,4-Trimethylpentane	PPBV	36	5.5	2.2	ND<2.4	ND<1.1	ND<1.1	ND<2.3	97	ND<3.0	7.1	3.9	ND<1.3	ND<1.2	14	ND<4.8	ND<1.2	ND<1.3
2-Butanone	PPBV	57	28	97	41	100	44	ND<2.3	320	240	63	13	35	6.1	180	53	110	20
2-Hexanone	PPBV	6.2	ND<19	5.6	ND<9.7	5.4	ND<4.5	ND<9.3	ND<130	ND<12	7.9	ND<4.8	ND<5.3	ND<4.8	ND<25	ND<19	7.4	ND<5.1
2-Propanol	PPBV	7900S	1200	750E	230	21	11000S	ND<9.3	2600	8200E,S	ND<4.8	1000E	ND<5.3	ND<4.8	ND<6.2	390	ND<4.7	ND<5.1
3-Chloropropene	PPBV	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.6	ND<4.5	ND<9.3	ND<130	ND<12	ND<4.8	ND<4.8	ND<5.3	ND<4.8	ND<25	ND<19	ND<4.7	ND<5.1
4-Ethyltoluene	PPBV	5.1	6.2	8.2	7.5	1.6	ND<1.1	ND<2.3	ND<32	ND<3.0	9.4	6.8	4.3	2.0	12	9.3	5.4	3.7
4-Methyl-2-pentanone	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	3.0	ND<1.2	ND<1.3	ND<1.2	6.5	ND<4.8	ND<1.2	ND<1.3
Acetone	PPBV	26	2500E	2100E	680	46	38	16	9000	200	52	540E	15	12	140	850	36	9.9
alpha-Chlorotoluene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Benzene	PPBV	19	11	9.5	8.6	ND<1.1	ND<1.1	ND<2.3	100	3	36	26	1.4	1.5	58	92	6.2	7.0
Bromodichloromethane	PPBV	3.8	ND<4.7	3.4	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Bromoform	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Bromomethane	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Carbon Disulfide	PPBV	8.0	31	25	22	11	ND<1.1	41	180	24	43	25	5.7	8.6	16	16	32	130
Carbon Tetrachloride	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Chlorobenzene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Chloroethane	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	29	ND<4.8	ND<1.2	ND<1.3
Chloroform	PPBV	2.5	ND<4.7	2.7	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	12	5.8	ND<1.3	1.4	13	ND<4.8	ND<1.2	ND<1.3
Chloromethane	PPBV	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.6	ND<4.5	ND<9.3	ND<130	ND<12	ND<4.8	ND<4.8	ND<5.3	ND<4.8	ND<25	ND<19	ND<4.7	ND<5.1
cis-1,2-Dichloroethene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
cis-1,3-Dichloropropene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Property Boundary Soil Vapor Wells																
		PVP-2A		PVP-2A-R	PVP-2AD-R*	PVP-2A	PVP-2B		PVP-2B-R	PVP-2B[1]	PVP-3A				PVP-3B			
	Units	2/2/2006	2/14/2006[1]	2/14/2006[1]	2/14/2006	5/8/2006	2/2/2006[1]	2/14/2006	2/14/2006[1]	5/8/2006	2/2/2006	2/14/2006[1]	4/19/2006	5/8/2006	2/2/2006	2/14/2006	4/19/2006	5/8/2006
VOCs by TO-15																		
Cumene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Cyclohexane	PPBV	5.7	5.5	3.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	75	ND<3.0	7.2	7.8	ND<1.3	ND<1.2	30	41	3.6	5.7
Dibromochloromethane	PPBV	ND<1.2	ND<4.7	1.3	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Ethanol	PPBV	18	ND<19	7.9	ND<9.7	ND<4.6	16	19	130	59	12	4.7J	7.6	50	290	43	14	ND<5.1
Ethyl Benzene	PPBV	5.0	10	9.8	8.3	1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	13	15	3.3	3.1	9.9	28	5.6	5.1
Freon 11	PPBV	ND<1.2	ND<4.7	1.2	ND<2.4	1.6	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	1.6	1.4
Freon 113	PPBV	120	350	260	260	290	ND<1.1	ND<2.3	51	25	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<4.8	ND<4.8	ND<1.2	ND<1.3
Freon 114	PPBV	2.8	8.4	7.2	6.1	9.2	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	4.5	4.3
Freon 12 (DCDFM)	PPBV	43	120	89	91	93	ND<1.1	3.2	ND<32	9.7	4.8	3.2	1.6	1.6	23	56	68	73
Heptane	PPBV	21	ND<4.7	2.3	ND<2.4	ND<1.1	ND<1.1	ND<2.3	400	4.2	57	12	ND<1.3	ND<1.2	590	630	4.4	3.1
Hexachlorobutadiene	PPBV	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.6	ND<4.5	ND<9.3	ND<130	ND<12	ND<4.8	ND<4.8	ND<5.3	ND<4.8	ND<25	ND<19	ND<4.7	ND<5.1
Hexane	PPBV	67	ND<4.7	2.4	ND<2.4	ND<1.1	2.1	3.8	540	3.2	92	20	ND<1.3	ND<1.2	630	620	1.9	2.2
Iodomethane	PPBV	-	-	-	-	ND	-	-	-	-	-	-	ND	ND	-	-	ND	ND
m,p-Xylene	PPBV	20	42	44	35	3.9	2.3	ND<2.3	91	4.3	40	56	8.1	5.3	38	91	12	8.3
Methyl tert-butyl ether	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Methylene Chloride	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	29	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
o-Xylene	PPBV	8.4	17	19	16	2.5	ND<1.1	ND<2.3	35	ND<3.0	17	19	7.4	6.1	18	29	11	12
Propylbenzene	PPBV	ND<1.2	ND<4.7	1.6	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	1.9	1.3	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Styrene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	2.2	ND<1.3
Tetrachloroethene	PPBV	ND<1.2	ND<4.7	3.9	4.2	3.6	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	4.2	ND<6.2	ND<4.8	5.6	3.8
Tetrahydrofuran	PPBV	ND<1.2	ND<4.7	2.0	ND<2.4	ND<1.1	1.2	2.6	ND<32	ND<3.0	7.9	5.1	ND<1.3	ND<1.2	10	ND<4.8	ND<1.2	1.3
Toluene	PPBV	55	39	35	30	2.1	8.6	ND<2.3	150	5.5	150	72	9.8	4.3	140	220	14	4.8
trans-1,2-Dichloroethene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
trans-1,3-Dichloropropene	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
trans-1,4-Dichloro-2-butene	PPBV	-	-	-	-	ND	-	-	-	-	-	-	ND	ND	-	-	ND	ND
Trichloroethene	PPBV	ND<1.2	5.2	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3
Vinyl Acetate	PPBV	-	-	-	-	ND	-	-	-	-	-	-	ND	ND	-	-	ND	ND
Vinyl Chloride	PPBV	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<1.1	ND<2.3	ND<32	ND<3.0	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.3

PPBV - Parts per billion by volume
ND - Not detected at concentrations greater than or equal to the method detection limit (MDL)
QCFB - Quality control field blank
QCTB - Quality control trip blank
E - Exceeds instrument calibration range
S - Saturated peak
J - Estimated value between the MDL and RL
R - Samples collected when flare system was off
*Duplicate sample collected at vapor well
VOCs - Volatile organic compounds
- Not analyzed
[1] - Tracer gas breakthough in soil vapor well

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Property Boundary Soil Vapor Wells					QA/QC Samples								
		PVP-3C*		PVP-4A		PVP-4B[1]	QCFB								
	Units	4/19/2006	5/8/2006	4/20/2006	5/8/2006	5/8/2006	2/2/2006	2/14/2006	4/6/2006	4/19/2006	4/20/2006	4/24/2006	4/25/2006	5/8/2006	5/9/2006
Fixed Gases															
Oxygen	%	19	21	-	20	19	22	21	21	22	-	22	22	22	22
Nitrogen	%	78	78	-	79	81	78	79	79	78	-	78	78	78	78
Carbon Monoxide	%	ND<0.022	ND<0.024	-	ND<0.024	ND<0.037	ND<0.024	ND<0.023	ND<0.025	ND<0.025	-	ND<0.023	ND<0.025	ND<0.025	ND<0.025
Methane	%	ND<0.00022	ND<0.00024	-	ND<0.00024	0.0010	ND<0.00024	ND<0.00023	ND<0.00025	ND<0.00025	-	ND<0.00023	ND<0.00025	ND<0.00025	ND<0.00025
Carbon Dioxide	%	2.5	0.73	-	1.1	0.29	0.040	0.038	0.037	0.040	-	0.039	0.037	0.041	0.038
Helium	%	ND<0.022	ND<0.024	-	ND<0.024	0.078	-	-	-	ND<0.025	-	ND<0.023	ND<0.025	ND<0.025	ND<0.025
VOCs by TO-15															
1,1,1-Trichloroethane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,1,2,2-Tetrachloroethane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,1,2-Trichloroethane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,1-Dichloroethane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,1-Dichloroethene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,1-Difluoroethane	PPBV	-	-	-	-	-	-	-	ND<5.1	ND	-	-	-	-	-
1,2,4-Trichlorobenzene	PPBV	ND<4.3	ND<4.8	ND<4.6	ND<4.8	ND<1500	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<5.1
1,2,4-Trimethylbenzene	PPBV	6.4	3.2	1.5	1.6	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,2-Dibromoethane (EDB)	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,2-Dichlorobenzene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,2-Dichloroethane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,2-Dichloropropane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,3,5-Trimethylbenzene	PPBV	4.1	3.0	ND<1.1	1.8	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,3-Butadiene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,3-Dichlorobenzene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,4-Dichlorobenzene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
1,4-Dioxane	PPBV	ND<4.3	ND<4.8	ND<4.6	ND<4.8	ND<1500	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<5.1
2,2,4-Trimethylpentane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
2-Butanone	PPBV	100	7.0	4.0	5.4	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	1.3	ND<1.3
2-Hexanone	PPBV	7.8	ND<4.8	ND<4.6	ND<4.8	ND<1500	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<5.1
2-Propanol	PPBV	ND<4.3	ND<4.8	ND<4.6	ND<4.8	1000000E,S	21	250	ND<5.1	ND<4.9	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<5.1
3-Chloropropene	PPBV	ND<4.3	ND<4.8	ND<4.6	ND<4.8	ND<1500	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<5.1
4-Ethyltoluene	PPBV	4.6	2.2	ND<1.1	1.5	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
4-Methyl-2-pentanone	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Acetone	PPBV	36	11	8.7	11	1500	ND<4.8	11	ND<5.1	7.9	4.9	ND<4.7	5.8	8.5	ND<5.1
alpha-Chlorotoluene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Benzene	PPBV	5.4	1.3	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Bromodichloromethane	PPBV	ND<1.1	ND<1.2	ND<1.1	2.3	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Bromoform	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Bromomethane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Carbon Disulfide	PPBV	30	6.0	ND<1.1	1.8	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Carbon Tetrachloride	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Chlorobenzene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Chloroethane	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Chloroform	PPBV	ND<1.1	1.7	ND<1.1	2.9	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Chloromethane	PPBV	ND<4.3	ND<4.8	ND<4.6	ND<4.8	ND<1500	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<5.1
cis-1,2-Dichloroethene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
cis-1,3-Dichloropropene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		Property Boundary Soil Vapor Wells					QA/QC Samples								
		PVP-3C*		PVP-4A		PVP-4B[1]	QCFB								
	Units	4/19/2006	5/8/2006	4/20/2006	5/8/2006	5/8/2006	2/2/2006	2/14/2006	4/6/2006	4/19/2006	4/20/2006	4/24/2006	4/25/2006	5/8/2006	5/9/2006
VOCs by TO-15															
Cumene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Cyclohexane	PPBV	2.9	ND<1.2	6.7	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Dibromochloromethane	PPBV	ND<1.1	ND<1.2	ND<1.1	1.6	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Ethanol	PPBV	14	8.7	ND<4.6	8.3	ND<1500	4.8	ND<1.2	ND<5.1	ND<4.9	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<5.1
Ethyl Benzene	PPBV	5	2.2	ND<1.1	1.9	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Freon 11	PPBV	1.6	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Freon 113	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Freon 114	PPBV	4.4	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Freon 12 (DCDFM)	PPBV	65	1.6	14	13	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Heptane	PPBV	5.0	ND<1.2	4.0	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Hexachlorobutadiene	PPBV	ND<4.3	ND<4.8	ND<4.6	ND<4.8	ND<1500	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<4.8	ND<4.7	ND<5.1	ND<4.9	ND<5.1
Hexane	PPBV	1.8	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Iodomethane	PPBV	ND	ND	ND	ND	ND	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPBV	11	3.9	1.6	2.6	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Methyl tert-butyl ether	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Methylene Chloride	PPBV	2.3	ND<1.2	1.5	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
o-Xylene	PPBV	9.5	5.0	1.2	2.0	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Propylbenzene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Styrene	PPBV	1.8	ND<1.2	1.4	1.6	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Tetrachloroethene	PPBV	5.4	1.4	3.2	3.4	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Tetrahydrofuran	PPBV	ND<1.1	1.4	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Toluene	PPBV	15	3.5	5.0	4.4	ND<370	2.0	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
trans-1,2-Dichloroethene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
trans-1,3-Dichloropropene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
trans-1,4-Dichloro-2-butene	PPBV	ND	ND	ND	ND	ND	-	-	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3
Vinyl Acetate	PPBV	ND	ND	ND	ND	ND	-	-	-	-	ND	ND	ND	ND	ND
Vinyl Chloride	PPBV	ND<1.1	ND<1.2	ND<1.1	ND<1.2	ND<370	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.2	ND<1.2	ND<1.3	ND<1.2	ND<1.3

PPBV - Parts per billion by volume
ND - Not detected at concentrations greater than or equal to the method detection limit (MDL)
QCFB - Quality control field blank
QCTB - Quality control trip blank
E - Exceeds instrument calibration range
S - Saturated peak
J - Estimated value between the MDL and RL
R - Samples collected when flare system was off
*Duplicate sample collected at vapor well
VOCs - Volatile organic compounds
- Not analyzed
[1] - Tracer gas breakthough in soil vapor well

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		QA/QC Samples																
		QCFB			QCTB						QCTB1	QCTB2	QCTB3	QCTB				
	Units	5/10/2006	5/11/2006	6/1/2006	2/2/2006	2/14/2006	4/6/2006	4/19/2006	4/20/2006	4/24/2006	4/25/2006	4/25/2006	4/25/2006	5/8/2006	5/9/2006	5/10/2006	5/11/2006	6/1/2006
Fixed Gases																		
Oxygen	%	22	22	23	ND<0.10	ND<0.10	ND<0.10	ND<0.10	-	ND<0.10	0.59	0.10	ND<0.10	ND<0.10	21	ND<0.10	ND<0.10	ND<0.10
Nitrogen	%	78	78	77	100	100	100	100	-	100	99	100	100	100	79	100	100	100
Carbon Monoxide	%	ND<0.023	ND<0.023	ND<0.025	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<0.021	ND<0.010	ND<0.010	ND<0.010
Methane	%	ND<0.00023	ND<0.00023	ND<0.00025	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	-	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00021	ND<0.00010	ND<0.00010	ND<0.00010
Carbon Dioxide	%	0.040	0.038	0.041	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	0.040	ND<0.010	ND<0.010	ND<0.010
Helium	%	ND<0.023	ND<0.023	ND<0.025	-	-	-	ND<0.010	-	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.021	ND<0.010	ND<0.010	ND<0.010
VOCs by TO-15																		
1,1,1-Trichloroethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,1,2,2-Tetrachloroethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,1,2-Trichloroethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,1-Dichloroethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,1-Dichloroethene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,1-Difluoroethane	PPBV	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	PPBV	ND<4.7	ND<4.6	ND<5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.2	ND<2.0	ND<2.0	ND<2.0
1,2,4-Trimethylbenzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.2	ND<0.50	ND<0.50	ND<0.50
1,2-Dibromoethane (EDB)	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,2-Dichlorobenzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,2-Dichloroethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,2-Dichloropropane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,3,5-Trimethylbenzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,3-Butadiene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,3-Dichlorobenzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,4-Dichlorobenzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
1,4-Dioxane	PPBV	ND<4.7	ND<4.6	ND<5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.2	ND<2.0	ND<2.0	ND<2.0
2,2,4-Trimethylpentane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
2-Butanone	PPBV	ND<1.2	ND<1.1	4.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.2	ND<0.50	ND<0.50	ND<0.50
2-Hexanone	PPBV	ND<4.7	ND<4.6	ND<5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.2	ND<2.0	ND<2.0	ND<2.0
2-Propanol	PPBV	ND<4.7	11	ND<5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	12	ND<2.0	ND<2.0	ND<2.0
3-Chloropropene	PPBV	ND<4.7	ND<4.6	ND<5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.2	ND<2.0	ND<2.0	ND<2.0
4-Ethyltoluene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50
4-Methyl-2-pentanone	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Acetone	PPBV	5.7	6.7	5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	34	ND<2.0	ND<2.0	ND<2.0
alpha-Chlorotoluene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Benzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Bromodichloromethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Bromoform	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Bromomethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Carbon Disulfide	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Carbon Tetrachloride	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Chlorobenzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Chloroethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Chloroform	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Chloromethane	PPBV	ND<4.7	ND<4.6	ND<5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.2	ND<2.0	ND<2.0	ND<2.0
cis-1,2-Dichloroethene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
cis-1,3-Dichloropropene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50

Table 2
Summary of Soil Vapor Analytical Results
February through June 2006
Poway Landfill
Poway, California

		QA/QC Samples																
		QCFB			QCTB						QCTB1	QCTB2	QCTB3	QCTB				
	Units	5/10/2006	5/11/2006	6/1/2006	2/2/2006	2/14/2006	4/6/2006	4/19/2006	4/20/2006	4/24/2006	4/25/2006	4/25/2006	4/25/2006	5/8/2006	5/9/2006	5/10/2006	5/11/2006	6/1/2006
VOCs by TO-15																		
Cumene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Cyclohexane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.2	ND<0.50	ND<0.50	ND<0.50
Dibromochloromethane	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Ethanol	PPBV	ND<4.7	ND<4.6	ND<5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	9.2	ND<2.0	ND<2.0	ND<2.0
Ethyl Benzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.2	ND<0.50	ND<0.50	ND<0.50
Freon 11	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Freon 113	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Freon 114	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Freon 12 (DCDFM)	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Heptane	PPBV	ND<1.2	ND<1.1	6.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Hexachlorobutadiene	PPBV	ND<4.7	ND<4.6	ND<5.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.2	ND<2.0	ND<2.0	ND<2.0
Hexane	PPBV	ND<1.2	ND<1.1	2.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.9	ND<0.50	ND<0.50	ND<0.50
Iodomethane	PPBV	ND	ND	ND	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.8	ND<0.50	ND<0.50	ND<0.50
Methyl tert-butyl ether	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Methylene Chloride	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.1	ND<0.50	ND<0.50	ND<0.50
o-Xylene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	ND<0.50	ND<0.50	ND<0.50
Propylbenzene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Styrene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	ND<0.50	ND<0.50	ND<0.50
Tetrachloroethene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.2	ND<0.50	ND<0.50
Tetrahydrofuran	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Toluene	PPBV	ND<1.2	ND<1.1	62	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.0	ND<0.50	ND<0.50	ND<0.50	31	ND<0.50	ND<0.50	ND<0.50
trans-1,2-Dichloroethene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
trans-1,3-Dichloropropene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
trans-1,4-Dichloro-2-butene	PPBV	ND	ND	ND	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
Vinyl Acetate	PPBV	ND	ND	ND	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	PPBV	ND<1.2	ND<1.1	ND<1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50

PPBV - Parts per billion by volume
ND - Not detected at concentrations greater than or equal to the method detection limit (MDL)
QCFB - Quality control field blank
QCTB - Quality control trip blank
E - Exceeds instrument calibration range
S - Saturated peak
J - Estimated value between the MDL and RL
R - Samples collected when flare system was off
*Duplicate sample collected at vapor well
VOCs - Volatile organic compounds
- Not analyzed
[1] - Tracer gas breakthough in soil vapor well

Table 3
Summary of Groundwater Analytical Results
March, April and May 2006
Poway Landfill
Poway, California

			Offsite Groundwater Samples					Southern Site Boundary Groundwater Samples					QA/QC Samples						
			POGW-15*	POGW-17A*	POGW-17B*	POGW-18A*	POGW-18B*	VAPOR WELL-1*	VAPOR WELL-2*	POGW-16*	POGW-20	POGW-21	QCFB				QCTB		
	Units	WQPS	04/03/06	4/3/2006	4/3/2006	4/3/2006	4/4/2006	3/31/2006	3/31/2006	3/31/2006	5/12/2006	5/12/2006	3/31/2006	4/3/2006	4/4/2006	5/12/2006	3/31/2006	4/3/2006	5/12/2006
Metals																			
Calcium	mg/L	77.23	-	-	-	-	-	-	-	-	16.0	101	-	-	-	-	-	-	-
Magnesium	mg/L	80.89	-	-	-	-	-	-	-	-	25.6	87.2	-	-	-	-	-	-	-
Potassium	mg/L	11.68	-	-	-	-	-	-	-	-	1.44B	3.49B	-	-	-	-	-	-	-
Sodium	mg/L	150	-	-	-	-	-	-	-	-	217B	226B	-	-	-	-	-	-	-
General Chemistry																			
Sulfate	mg/L	292	-	-	-	-	-	-	-	-	78	110	-	-	-	-	-	-	-
Nitrate (as N)	mg/L	32.8	-	-	-	-	-	-	-	-	4.4	3.9	-	-	-	-	-	-	-
Bicarbonate (as CaCO3)	mg/L	NE	-	-	-	-	-	-	-	-	290	490	-	-	-	-	-	-	-
Carbonate (as CaCO3)	mg/L	NE	-	-	-	-	-	-	-	-	ND<0.85	ND<0.85	-	-	-	-	-	-	-
Solids, Total Dissolved	mg/L	1115	-	-	-	-	-	-	-	-	780	1250	-	-	-	-	-	-	-
Chloride	mg/L	-	-	-	-	-	-	-	-	-	170B	330B	-	-	-	-	-	-	-
Chemical Oxygen Demand	mg/L	-	-	-	-	-	-	-	-	-	26	28	-	-	-	-	-	-	-
Volatile Organic Compounds																			
Acetone	µg/L	ND	**4.4JB**	**6.3B**	**2.2JB**	**2.6JB**	**2.4JB**	ND<0.64	**5.7**	**0.93JB**	ND<6.1	ND<6.1	**6.3B**	**5.7B**	**1.8JB**	**ND<6.1**	**1.9J**	**3.2JB**	ND<6.1
Benzene	µg/L	ND	ND<0.028	ND<0.028	**0.13J**	ND<0.028	ND<0.028	**0.080J**	ND<0.028	**0.37J**	ND<0.26	ND<0.26	ND<0.028	ND<0.028	ND<0.028	ND<0.26	ND<0.028	ND<0.028	ND<0.26
Bromobenzene	µg/L	ND	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.47	ND<0.47	ND<0.040	ND<0.040	ND<0.040	ND<0.47	ND<0.040	ND<0.040	ND<0.47
Bromochloromethane	µg/L	ND	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.68	ND<0.68	ND<0.17	ND<0.17	ND<0.17	ND<0.68	ND<0.17	ND<0.17	ND<0.68
Bromodichloromethane	µg/L	ND	ND<0.073	ND<0.073	ND<0.073	ND<0.073	**0.15J**	ND<0.073	ND<0.073	ND<0.073	ND<0.27	ND<0.27	ND<0.073	ND<0.073	ND<0.073	ND<0.27	ND<0.073	ND<0.073	ND<0.27
Bromoform	µg/L	ND	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.62	ND<0.62	ND<0.11	ND<0.11	ND<0.11	ND<0.62	ND<0.11	ND<0.11	ND<0.62
Bromomethane	µg/L	ND	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<2.9	ND<2.9	ND<0.40	ND<0.40	ND<0.40	ND<2.9	ND<0.40	ND<0.40	ND<2.9
2-Butanone	µg/L	ND	ND<0.53	ND<0.53	**2.8J**	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<4.2	ND<4.2	ND<0.53	ND<0.53	**3.1J**	**ND<4.2**	ND<0.53	ND<0.53	ND<4.2
n-Butylbenzene	µg/L	ND	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<0.29	ND<0.29	ND<0.020	ND<0.020	ND<0.020	ND<0.29	ND<0.020	ND<0.020	ND<0.29
sec-Butylbenzene	µg/L	ND	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.21	ND<0.21	ND<0.023	ND<0.023	ND<0.023	ND<0.21	ND<0.023	ND<0.023	ND<0.21
tert-Butylbenzene	µg/L	ND	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.17	ND<0.17	ND<0.017	ND<0.017	ND<0.017	ND<0.17	ND<0.017	ND<0.017	ND<0.17
Carbon Tetrachloride	µg/L	ND	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.42	ND<0.42	ND<0.052	ND<0.052	ND<0.052	ND<0.42	ND<0.052	ND<0.052	ND<0.42
Chlorobenzene	µg/L	ND	ND<0.015	ND<0.015	**0.34J**	ND<0.015	ND<0.015	**0.11J**	ND<0.015	**1.4**	ND<0.36	ND<0.36	ND<0.015	ND<0.015	ND<0.015	ND<0.36	ND<0.015	ND<0.015	ND<0.36
Chloroethane	µg/L	ND	ND<0.038	ND<0.038	**0.39J**	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.52	ND<0.52	ND<0.038	ND<0.038	ND<0.038	ND<0.52	ND<0.038	ND<0.038	ND<0.52
Chloroform	µg/L	ND	ND<0.025	ND<0.025	**0.38J**	**0.16J**	**1.2**	ND<0.025	**0.074J**	ND<0.025	ND<0.22	ND<0.22	ND<0.025	ND<0.025	ND<0.025	ND<0.22	ND<0.025	ND<0.025	ND<0.22
Chloromethane	µg/L	ND	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	**0.047J**	ND<1.8	ND<1.8	ND<0.042	ND<0.042	**0.044J**	**ND<1.8**	**0.27J**	**0.13J**	ND<1.8
2-Chlorotoluene	µg/L	ND	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.24	ND<0.24	ND<0.019	ND<0.019	ND<0.019	ND<0.24	ND<0.019	ND<0.019	ND<0.24
4-Chlorotoluene	µg/L	ND	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.30	ND<0.30	ND<0.027	ND<0.027	ND<0.027	ND<0.30	ND<0.027	ND<0.027	ND<0.30
Dibromochloromethane	µg/L	ND	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.45	ND<0.45	ND<0.041	ND<0.041	ND<0.041	ND<0.45	ND<0.041	ND<0.041	ND<0.45
1,2-Dibromo-3-Chloropropane	µg/L	ND	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<2.5	ND<2.5	ND<0.23	ND<0.23	ND<0.23	ND<2.5	ND<0.23	ND<0.23	ND<2.5
1,2-Dibromoethane	µg/L	ND	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.81	ND<0.81	ND<0.062	ND<0.062	ND<0.062	ND<0.81	ND<0.062	ND<0.062	ND<0.81
Dibromomethane	µg/L	ND	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.42	ND<0.42	ND<0.10	ND<0.10	ND<0.10	ND<0.42	ND<0.10	ND<0.10	ND<0.42
1,2-Dichlorobenzene	µg/L	ND	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	**0.28J**	ND<0.24	ND<0.24	ND<0.036	ND<0.036	ND<0.036	ND<0.24	ND<0.036	ND<0.036	ND<0.24
1,3-Dichlorobenzene	µg/L	ND	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<0.38	ND<0.38	ND<0.030	ND<0.030	ND<0.030	ND<0.38	ND<0.030	ND<0.030	ND<0.38
1,4-Dichlorobenzene	µg/L	ND	ND<0.031	ND<0.031	**0.72**	ND<0.031	ND<0.031	**0.53B**	**ND<0.031**	**9.2B**	ND<0.30	ND<0.30	ND<0.031	ND<0.031	**0.035J**	**ND<0.30**	ND<0.031	ND<0.031	ND<0.30
Dichlorodifluoromethane	µg/L	ND	**0.29J**	ND<0.038	**1.3**	ND<0.038	ND<0.038	**0.60**	**3.1**	**1.3**	**2.0**	**1.3**	ND<0.038	ND<0.038	ND<0.038	ND<0.27	ND<0.038	ND<0.038	ND<0.27
1,1-Dichloroethane	µg/L	ND	**0.95**	ND<0.063	**0.28J**	ND<0.063	ND<0.063	**0.082J**	**0.13J**	**0.27J**	ND<0.53	ND<0.53	ND<0.063	ND<0.063	ND<0.063	ND<0.53	ND<0.063	ND<0.063	ND<0.53
1,2-Dichloroethane	µg/L	ND	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	**0.30J**	ND<0.22	ND<0.22	ND<0.022	ND<0.022	ND<0.022	ND<0.22	ND<0.022	ND<0.022	ND<0.22
1,1-Dichloroethene	µg/L	ND	**0.23J**	ND<0.041	ND<0.041	ND<0.041	ND<0.041	**0.31J**	ND<0.041	**0.12J**	ND<0.31	ND<0.31	ND<0.041	ND<0.041	ND<0.041	ND<0.31	ND<0.041	ND<0.041	ND<0.31
c-1,2-Dichloroethene	µg/L	ND	**0.32J**	ND<0.058	**1.1**	ND<0.058	ND<0.058	**5.5**	**0.39J**	**24**	ND<0.35	**5.9**	ND<0.058	ND<0.058	ND<0.058	ND<0.35	ND<0.058	ND<0.058	ND<0.35
t-1,2-Dichloroethene	µg/L	ND	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.29	ND<0.29	ND<0.049	ND<0.049	ND<0.049	ND<0.29	ND<0.049	ND<0.049	ND<0.29
1,2-Dichloropropane	µg/L	ND	ND<0.022	ND<0.022	**0.045J**	ND<0.022	ND<0.022	ND<0.022	ND<0.022	**0.59**	ND<0.28	ND<0.28	ND<0.022	ND<0.022	ND<0.022	ND<0.28	ND<0.022	ND<0.022	ND<0.28
Acrolein	µg/L	ND	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<4.3	ND<4.3	ND<1.3	ND<1.3	ND<1.3	ND<4.3	ND<1.3	ND<1.3	ND<4.3
Acrylonitrile	µg/L	ND	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<3.6	ND<3.6	ND<0.16	ND<0.16	ND<0.16	ND<3.6	ND<0.16	ND<0.16	ND<3.6

Table 3
Summary of Groundwater Analytical Results
March, April and May 2006
Poway Landfill
Poway, California

			Offsite Groundwater Samples					Southern Site Boundary Groundwater Samples					QA/QC Samples						
			POGW-15*	POGW-17A*	POGW-17B*	POGW-18A*	POGW-18B*	VAPOR WELL-1*	VAPOR WELL-2*	POGW-16*	POGW-20	POGW-21	QCFB				QCTB		
	Units	WQPS	04/03/06	4/3/2006	4/3/2006	4/3/2006	4/4/2006	3/31/2006	3/31/2006	3/31/2006	5/12/2006	5/12/2006	3/31/2006	4/3/2006	4/4/2006	5/12/2006	3/31/2006	4/3/2006	5/12/2006
Volatile Organic Compounds																			
1,3-Dichloropropane	µg/L	ND	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.30	ND<0.30	ND<0.042	ND<0.042	ND<0.042	**ND<0.30**	ND<0.042	ND<0.042	ND<0.30
2,2-Dichloropropane	µg/L	ND	ND<0.11	ND<0.11	**0.66**	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.40	ND<0.40	ND<0.11	ND<0.11	ND<0.11	ND<0.40	ND<0.11	ND<0.11	ND<0.40
1,1-Dichloropropene	µg/L	ND	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.21	ND<0.21	ND<0.060	ND<0.060	ND<0.060	ND<0.21	ND<0.060	ND<0.060	ND<0.21
c-1,3-Dichloropropene	µg/L	ND	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.45	ND<0.45	ND<0.025	ND<0.025	ND<0.025	ND<0.45	ND<0.025	ND<0.025	ND<0.45
t-1,3-Dichloropropene	µg/L	ND	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.31	ND<0.31	ND<0.025	ND<0.025	ND<0.025	ND<0.31	ND<0.025	ND<0.025	ND<0.31
Ethylbenzene	µg/L	ND	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.17	ND<0.17	ND<0.014	ND<0.014	ND<0.014	ND<0.17	ND<0.014	ND<0.014	ND<0.17
2-Hexanone	µg/L	ND	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<1.9	ND<1.9	ND<0.20	ND<0.20	ND<0.20	ND<1.9	ND<0.20	ND<0.20	ND<1.9
Isopropylbenzene	µg/L	ND	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011	**0.14J**	ND<0.24	ND<0.24	ND<0.011	ND<0.011	ND<0.011	ND<0.24	ND<0.011	ND<0.011	ND<0.24
p-Isopropyltoluene	µg/L	ND	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.21	ND<0.21	ND<0.022	ND<0.022	ND<0.022	ND<0.21	ND<0.022	ND<0.022	ND<0.21
Methylene Chloride	µg/L	ND	**1.5JB**	**1.6JB**	**1.5JB**	**1.3JB**	**1.3JB**	**29B**	**0.90JB**	**26B**	ND<2.6	ND<2.6	**28B**	**2.2JB**	**1.5JB**	ND<2.6	**1.2JB**	**2.0JB**	ND<2.6
4-Methyl-2-Pentanone	µg/L	ND	ND<0.26	ND<0.26	ND<0.26	ND<0.26	ND<0.26	ND<0.26	ND<0.26	ND<0.26	ND<2.4	ND<2.4	ND<0.26	ND<0.26	ND<0.26	**ND<2.4**	ND<0.26	ND<0.26	ND<2.4
Naphthalene	µg/L	ND	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.95	ND<0.95	ND<0.053	ND<0.053	ND<0.053	ND<0.95	ND<0.053	ND<0.053	ND<0.95
n-Propylbenzene	µg/L	ND	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.30	ND<0.30	ND<0.018	ND<0.018	ND<0.018	ND<0.30	ND<0.018	ND<0.018	ND<0.30
Styrene	µg/L	ND	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.29	ND<0.29	ND<0.017	ND<0.017	ND<0.017	ND<0.29	ND<0.017	ND<0.017	ND<0.29
1,1,1,2-Tetrachloroethane	µg/L	ND	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.37	ND<0.37	ND<0.044	ND<0.044	ND<0.044	ND<0.37	ND<0.044	ND<0.044	ND<0.37
1,1,2,2-Tetrachloroethane	µg/L	ND	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.37	ND<0.37	ND<0.085	ND<0.085	ND<0.085	ND<0.37	ND<0.085	ND<0.085	ND<0.37
Tetrachloroethene	µg/L	ND	**1.3**	ND<0.036	**0.46J**	ND<0.036	ND<0.036	**0.49J**	**0.80**	**1.8**	**0.42J**	**1.0**	ND<0.036	ND<0.036	ND<0.036	ND<0.29	ND<0.036	ND<0.036	ND<0.29
Toluene	µg/L	ND	ND<0.018	**0.022J**	ND<0.018	ND<0.018	ND<0.018	0.073J	**0.038JB**	**0.018J**	ND<0.35	ND<0.35	**0.076J**	**0.11J**	**0.82**	ND<0.35	ND<0.018	ND<0.018	ND<0.35
1,2,3-Trichlorobenzene	µg/L	ND	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.39	ND<0.39	ND<0.069	ND<0.069	ND<0.069	**ND<0.39**	ND<0.069	ND<0.069	ND<0.39
1,2,4-Trichlorobenzene	µg/L	ND	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.35	ND<0.35	ND<0.055	ND<0.055	ND<0.055	ND<0.35	ND<0.055	ND<0.055	ND<0.35
1,1,1-Trichloroethane	µg/L	ND	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.32	ND<0.32	ND<0.057	ND<0.057	ND<0.057	ND<0.32	ND<0.057	ND<0.057	ND<0.32
Hexachloro-1,3-Butadiene	µg/L	ND	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.39	ND<0.39	ND<0.076	ND<0.076	ND<0.076	ND<0.39	ND<0.076	ND<0.076	ND<0.39
1,1,2-Trichloroethane	µg/L	ND	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.54	ND<0.54	ND<0.027	ND<0.027	ND<0.027	ND<0.54	ND<0.027	ND<0.027	ND<0.54
Trichloroethene	µg/L	ND	**0.31J**	ND<0.049	**1.0**	ND<0.049	ND<0.049	**7.5**	0.87	**6.8**	ND<0.30	**6.4**	ND<0.049	ND<0.049	ND<0.049	ND<0.30	**0.076J**	**0.14J**	ND<0.30
Trichlorofluoromethane	µg/L	ND	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	**0.12J**	ND<0.040	ND<0.36	ND<0.36	ND<0.040	ND<0.040	ND<0.040	ND<0.36	ND<0.040	ND<0.040	ND<0.36
1,2,3-Trichloropropane	µg/L	ND	**0.086J**	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<2.3	ND<2.3	ND<0.064	ND<0.064	ND<0.064	ND<2.3	ND<0.064	ND<0.064	ND<2.3
1,2,4-Trimethylbenzene	µg/L	ND	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.26	ND<0.26	ND<0.026	ND<0.026	ND<0.026	ND<0.26	ND<0.026	ND<0.026	ND<0.26
1,3,5-Trimethylbenzene	µg/L	ND	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<0.19	ND<0.19	ND<0.020	ND<0.020	ND<0.020	ND<0.19	ND<0.020	ND<0.020	ND<0.19
Vinyl Chloride	µg/L	ND	ND<0.039	ND<0.039	**0.097J**	ND<0.039	ND<0.039	**0.25J**	ND<0.039	**0.48J**	ND<0.33	ND<0.33	ND<0.039	ND<0.039	ND<0.039	ND<0.33	ND<0.039	ND<0.039	ND<0.33
p/m-Xylene	µg/L	ND	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.38	ND<0.38	ND<0.015	**0.027J**	ND<0.015	ND<0.38	ND<0.015	ND<0.015	ND<0.38
o-Xylene	µg/L	ND	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.21	ND<0.21	ND<0.025	ND<0.025	ND<0.025	ND<0.21	ND<0.025	ND<0.025	ND<0.21
Methyl-t-Butyl Ether (MTBE)	µg/L	ND	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	**0.11J**	ND<0.29	ND<0.29	ND<0.069	ND<0.069	ND<0.069	ND<0.29	ND<0.069	ND<0.069	ND<0.29

* Low VOC detection level groundwater samples
Bolded values exceed WQPS values
mg/L - Milligrams per liter
µg/L - Micrograms per liter
MDL- Method detection limit
ND- Not detected at concentrations greater than
or equal to the MDL
J - Trace concentration detected between
the MDL and reporting limit
B - Reported in the method blank
- Not analyzed
QCFB - Quality control field blank
QCTB - Quality control trip blank
WQPS Water Quality Protection Standards

Table 4
Summary of Theoretical vs. Measured Soil Vapor Concentration
Poway Landfill
Poway, California

Constituent	H (ppbv-L/µg)	Measured Groundwater Concentration (C_w)	Calculated "Relative" Theoretical Gas-Phase Concentration (C_g)[1]	Measured Soil Vapor Concentration[2]	Potentially from Groundwater
		µg/L	ppbv	ppbv	Y/N
Southern Property Boundary					
		POGW-20		PVP-3B	
Benzene	72	ND<0.26	<18.72	7	Y
Toluene	69.9	ND<0.35	<24.5	14	Y
Ethylbenzene	61.2	ND<0.17	<10.4	5.6	Y
p,m-Xylene	102	ND<0.38	<38.8	12	Y
o-Xylene	48.5	0.21	10.2	12	N
DCDFM	8423	2	1.68E+04	73	Y
PCE	141	0.42	59.2	5.6	Y
TCE	69	ND<0.3	<20.7	<1.3	?
cis-1,2-DCE	59	ND<0.35	<20.6	<1.3	?
Vinyl chloride	11407	ND<0.33	<3.76E+03	<1.3	?
100 feet from Property Boundary					
		POGW-18A		VW-2A	
Benzene	72	ND<0.028	<2.02	5.9	N
Toluene	69.9	ND<0.018	<1.26	44	N
Ethylbenzene	61.2	ND<0.014	<0.875	18	N
p,m-Xylene	102	ND<0.015	<1.53	49	N
o-Xylene	48.5	ND<0.025	<1.21	26	N
DCDFM	8423	ND<0.038	<320	<1.2	?
PCE	141	ND<0.036	<5.08	4.1	Y
TCE	69	ND<0.049	<3.38	<1.2	?
cis-1,2-DCE	59	ND<0.058	<3.42	<1.2	?
Vinyl chloride	11407	ND<0.039	<445	<1.2	?
300 feet from Property Boundary					
		POGW-17A		VW-7A	
Benzene	72	ND<0.028	<2.02	2.6	N
Toluene	69.9	0.022	1.54	6.3	N
Ethylbenzene	61.2	ND<0.014	<0.875	2.1	N
p,m-Xylene	102	ND<0.015	<1.53	4.6	N
o-Xylene	48.5	ND<0.025	<1.21	2.2	N
DCDFM	8423	ND<0.038	<320	<1.2	?
PCE	141	ND<0.036	<5.08	3.7	Y
TCE	69	ND<0.049	<3.38	19	N
cis-1,2-DCE	59	ND<0.058	<3.42	<1.2	?
Vinyl chloride	11407	ND<0.039	<445	<1.2	?

H - Constituent specific Henry's Gas Law constant.

[1] - Predicted by using the measured groundwater concentration (C_w) multiplied by H (Pankow and Cherry, 1996).

[2] - Maximum concentrations detected during the April and May 2006 sampling events are reported.

ND< - Constituent not detected at a concentration greater than the detection limit.

? - If both the measured groundwater and soil vapor concentrations were ND, source is indeterminate.

Table 5
Summary of Surface Water Analytical Results
Poway Landfill
Poway, California

		Surface Water Samples							QA/QC Samples		
		Dehia St.#1	Sunset View #1	Mirando St. #1	Los Olivios Ave.#1	Mirando St. #2	Stormwater Pipe	POW-SP1	QCTB	QCTB	QCFB
	Units	5/22/2006	5/22/2006	5/22/2006	5/22/2006	5/22/2006	4/6/2006	3/31/2006	5/22/2006	3/31/2006	3/31/2006
Metals											
Calcium	mg/L	-	-	-	-	-	46.2	68.3B	-	-	-
Magnesium	mg/L	-	-	-	-	-	24.4B	58.4B	-	-	-
Potassium	mg/L	-	-	-	-	-	2.18	1.00	-	-	-
Sodium	mg/L	-	-	-	-	-	61.5	209	-	-	-
General Chemistry											
Sulfate	mg/L	-	-	-	-	-	49	150	-	-	-
Nitrate (as N)	mg/L	-	-	-	-	-	ND<0.029	ND<0.029	-	-	-
Bicarbonate (as CaCO3)	mg/L	-	-	-	-	-	170	260	-	-	-
Carbonate (as CaCO3)	mg/L	-	-	-	-	-	ND<0.85	ND<0.85	-	-	-
Solids, Total Dissolved	mg/L	-	-	-	-	-	429	1030	-	-	-
Volatile Organic Compounds											
Acetone	ug/L	33	15	8.2	7.5	36	2.6J	6.5B	ND<0.64	1.9J	6.3B
Benzene	ug/L	0.077J	0.035J	ND<0.028	ND<0.028	ND<0.028	ND<0.028	ND<0.028	ND<0.028	ND<0.028	ND<0.028
Bromobenzene	ug/L	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040
Bromochloromethane	ug/L	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17	ND<0.17
Bromodichloromethane	ug/L	ND<0.073	ND<0.073	ND<0.073	ND<0.073	ND<0.073	ND<0.073	ND<0.073	ND<0.073	ND<0.073	ND<0.073
Bromoform	ug/L	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11
Bromomethane	ug/L	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40
2-Butanone	ug/L	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53
n-Butylbenzene	ug/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
sec-Butylbenzene	ug/L	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023	ND<0.023
tert-Butylbenzene	ug/L	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017
Carbon Tetrachloride	ug/L	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052	ND<0.052
Chlorobenzene	ug/L	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015
Chloroethane	ug/L	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038
Chloroform	ug/L	ND<0.025	ND<0.025	0.036J	0.072J	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025
Chloromethane	ug/L	0.15J	0.17J	0.12J	ND<0.042	0.12J	ND<0.042	ND<0.042	ND<0.042	0.27J	ND<0.042
2-Chlorotoluene	ug/L	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019	ND<0.019
4-Chlorotoluene	ug/L	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027
Dibromochloromethane	ug/L	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041
1,2-Dibromo-3-Chloropropane	ug/L	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23
1,2-Dibromoethane	ug/L	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062	ND<0.062
Dibromomethane	ug/L	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10
1,2-Dichlorobenzene	ug/L	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036
1,3-Dichlorobenzene	ug/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
1,4-Dichlorobenzene	ug/L	ND<0.031	ND<0.031	ND<0.031	ND<0.031	ND<0.031	ND<0.031	ND<0.031	ND<0.031	ND<0.031	ND<0.031
Dichlorodifluoromethane	ug/L	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038	ND<0.038
1,1-Dichloroethane	ug/L	ND<0.063	ND<0.063	ND<0.063	ND<0.063	ND<0.063	ND<0.063	ND<0.063	ND<0.063	ND<0.063	ND<0.063
1,2-Dichloroethane	ug/L	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022
1,1-Dichloroethene	ug/L	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041	ND<0.041
c-1,2-Dichloroethene	ug/L	ND<0.058	ND<0.058	ND<0.058	ND<0.058	ND<0.058	ND<0.058	ND<0.058	ND<0.058	ND<0.058	ND<0.058
t-1,2-Dichloroethene	ug/L	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049
1,2-Dichloropropane	ug/L	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022

Table 5
Summary of Surface Water Analytical Results
Poway Landfill
Poway, California

		Surface Water Samples							QA/QC Samples		
		Dehia St.#1	Sunset View #1	Mirando St. #1	Los Olivios Ave.#1	Mirando St. #2	Stormwater Pipe	POW-SP1	QCTB	QCTB	QCFB
	Units	5/22/2006	5/22/2006	5/22/2006	5/22/2006	5/22/2006	4/6/2006	3/31/2006	5/22/2006	3/31/2006	3/31/2006
Volatile Organic Contaminants											
Acrolein	ug/L	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3
Acrylonitrile	ug/L	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16	ND<0.16
1,3-Dichloropropane	ug/L	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042	ND<0.042
2,2-Dichloropropane	ug/L	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11
1,1-Dichloropropene	ug/L	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060	ND<0.060
c-1,3-Dichloropropene	ug/L	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025
t-1,3-Dichloropropene	ug/L	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025
Ethylbenzene	ug/L	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014	ND<0.014
2-Hexanone	ug/L	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20
Isopropylbenzene	ug/L	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011	ND<0.011
p-Isopropyltoluene	ug/L	ND<0.022	ND<0.022	ND<0.022	ND<0.022	1.2	ND<0.022	ND<0.022	ND<0.022	ND<0.022	ND<0.022
Methylene Chloride	ug/L	0.34JB	0.31JB	0.32JB	0.33JB	0.30JB	ND<0.23	31B	2.9JB	1.2JB	28B
4-Methyl-2-Pentanone	ug/L	0.80J	0.77J	ND<0.26	ND<0.26	2.3J	ND<0.26	ND<0.26	ND<0.26	ND<0.26	ND<0.26
Naphthalene	ug/L	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053	ND<0.053
n-Propylbenzene	ug/L	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018	ND<0.018
Styrene	ug/L	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017	ND<0.017
1,1,1,2-Tetrachloroethane	ug/L	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044	ND<0.044
1,1,2,2-Tetrachloroethane	ug/L	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085	ND<0.085
Tetrachloroethene	ug/L	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036	ND<0.036
Toluene	ug/L	0.11J	0.036J	ND<0.018	0.028J	0.13J	0.073JB	ND<0.018	0.033J	ND<0.018	0.076J
1,2,3-Trichlorobenzene	ug/L	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069
1,2,4-Trichlorobenzene	ug/L	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055	ND<0.055
1,1,1-Trichloroethane	ug/L	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057	ND<0.057
Hexachloro-1,3-Butadiene	ug/L	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076	ND<0.076
1,1,2-Trichloroethane	ug/L	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027	ND<0.027
Trichloroethene	ug/L	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	ND<0.049	0.076J	ND<0.049
Trichlorofluoromethane	ug/L	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040
1,2,3-Trichloropropane	ug/L	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064	ND<0.064
1,2,4-Trimethylbenzene	ug/L	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026	ND<0.026
1,3,5-Trimethylbenzene	ug/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
Vinyl Chloride	ug/L	ND<0.039	ND<0.039	ND<0.039	ND<0.039	ND<0.039	ND<0.039	ND<0.039	ND<0.039	ND<0.039	ND<0.039
p/m-Xylene	ug/L	0.047JB	ND<0.015	0.021JB	ND<0.015	0.026JB	ND<0.015	ND<0.015	ND<0.015	ND<0.015	ND<0.015
o-Xylene	ug/L	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025
Methyl-t-Butyl Ether (MTBE)	ug/L	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069	ND<0.069

mg/L - Milligrams per liter
µg/L - Micrograms per liter
ND- Not detected at concentrations greater than or equal to the method detection limit
J - Trace concentration detected between the method detection limit and the reporting limit
B - Reported in the method blank
- Not analyzed
QCFB - Quality control field blank
QCTB - Quality control trip blank

Table 6
Summary of Sediment and Soil Sample Analytical Results
Poway Landfill
Poway, California

		Desiltation Basin Soil Samples							Vapor Well Soil Samples				
		DB-1-0.5	DB-1-2.5	DB-1-5	DB-2-2.5	DB-2-5	DB-3-2.5	DB-3-5	VW-2A-0.5	VW-2A-2.5	VW-2A-5	VW-4-SFC	VW-4-2.5
	Units	3/31/2006	3/31/2006	3/31/2006	3/31/2006	3/31/2006	3/31/2006	3/31/2006	4/11/2006	4/11/2006	4/11/2006	4/12/2006	4/12/2006
Metals													
Antimony	mg/kg	-	-	-	-	-	-	-	0.479J	ND<0.191	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	ND<0.130	ND<0.130	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	90.6	52.0	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	0.0642J	0.197J	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	0.349J	0.256J	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	2.64B	7.89B	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	7.59	5.14	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	8.54	5.43	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	1.77	2.39	-	-	-
Molybdenum	mg/kg	-	-	-	-	-	-	-	ND<0.0206	ND<0.0206	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	1.74	2.98	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	ND<0.175	ND<0.175	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	ND<0.0209	ND<0.0209	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	ND<0.0987	ND<0.0987	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	21.7	27.6	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	34.5	15.7	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	ND<0.0130	ND<0.0130	-	-	-
Volatile Organic Compounds													
Acetone	µg/kg	38J	16J	ND<14	ND<14	ND<14	ND<14	ND<14	26JB	590	34J	15J	ND<14
Benzene	µg/kg	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54
Bromobenzene	µg/kg	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84
Bromochloromethane	µg/kg	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2
Bromodichloromethane	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
Bromoform	µg/kg	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
Bromomethane	µg/kg	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16
2-Butanone	µg/kg	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13
n-Butylbenzene	µg/kg	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88
sec-Butylbenzene	µg/kg	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36
tert-Butylbenzene	µg/kg	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70
Carbon Tetrachloride	µg/kg	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chlorobenzene	µg/kg	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51
Chloroethane	µg/kg	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7
Chloroform	µg/kg	1.3J	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3
Chloromethane	µg/kg	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
2-Chlorotoluene	µg/kg	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79
4-Chlorotoluene	µg/kg	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47
Dibromochloromethane	µg/kg	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5
1,2-Dibromo-3-Chloropropane	µg/kg	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1
1,2-Dibromoethane	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
Dibromomethane	µg/kg	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7
1,2-Dichlorobenzene	µg/kg	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67
1,3-Dichlorobenzene	µg/kg	ND<0.48	ND<0.48	ND<0.48	ND<0.48	ND<0.48	ND<0.48	ND<0.48	ND<0.48	ND<0.48	ND<0.48	ND<0.48	ND<0.48
1,4-Dichlorobenzene	µg/kg	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<0.76
Dichlorodifluoromethane	µg/kg	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3

Table 6
Summary of Sediment and Soil Sample Analytical Results
Poway Landfill
Poway, California

		Desiltation Basin Soil Samples							Vapor Well Soil Samples				
		DB-1-0.5	DB-1-2.5	DB-1-5	DB-2-2.5	DB-2-5	DB-3-2.5	DB-3-5	VW-2A-0.5	VW-2A-2.5	VW-2A-5	VW-4-SFC	VW-4-2.5
	Units	3/31/2006	3/31/2006	3/31/2006	3/31/2006	3/31/2006	3/31/2006	3/31/2006	4/11/2006	4/11/2006	4/11/2006	4/12/2006	4/12/2006
Volatile Organic Compounds													
1,1-Dichloroethane	µg/kg	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89
1,2-Dichloroethane	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
1,1-Dichloroethene	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
c-1,2-Dichloroethene	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
t-1,2-Dichloroethene	µg/kg	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6
1,2-Dichloropropane	µg/kg	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9
Acrolein	µg/kg	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21
Acrylonitrile	µg/kg	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4
1,3-Dichloropropane	µg/kg	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79
2,2-Dichloropropane	µg/kg	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7
1,1-Dichloropropene	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
c-1,3-Dichloropropene	µg/kg	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3
t-1,3-Dichloropropene	µg/kg	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
Ethylbenzene	µg/kg	ND<0.42	ND<0.42	ND<0.42	ND<0.42	ND<0.42	ND<0.42	ND<0.42	0.55J	0.84J	ND<0.42	ND<0.42	ND<0.42
2-Hexanone	µg/kg	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Isopropylbenzene	µg/kg	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71
p-Isopropyltoluene	µg/kg	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60
Methylene Chloride	µg/kg	45JB	37JB	41JB	40JB	55B	82B	54B	47JB	50JB	56B	45JB	43JB
4-Methyl-2-Pentanone	µg/kg	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0
Naphthalene	µg/kg	2.3J	1.8J	ND<0.66	ND<0.66	ND<0.66	ND<0.66	ND<0.66	0.98JB	ND<0.66	1.1JB	ND<0.66	ND<0.66
n-Propylbenzene	µg/kg	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70
Styrene	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
1,1,1,2-Tetrachloroethane	µg/kg	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3
1,1,2,2-Tetrachloroethane	µg/kg	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91
Tetrachloroethene	µg/kg	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80
Toluene	µg/kg	4.0J	0.87J	0.79J	ND<0.59	ND<0.59	ND<0.59	0.67J	2.8J	2.6JB	1.2JB	1.5JB	0.79JB
1,2,3-Trichlorobenzene	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
1,2,4-Trichlorobenzene	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
1,1,1-Trichloroethane	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
Hexachloro-1,3-Butadiene	µg/kg	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9
1,1,2-Trichloroethane	µg/kg	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
Trichloroethene	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
1,2,3-Trichloropropane	µg/kg	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4
1,2,4-Trimethylbenzene	µg/kg	0.92J	ND<0.31	ND<0.31	ND<0.31	ND<0.31	ND<0.31	ND<0.31	0.79J	ND<0.31	ND<0.31	ND<0.31	ND<0.31
Trichlorofluoromethane	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
1,3,5-Trimethylbenzene	µg/kg	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53
Vinyl Chloride	µg/kg	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5
p/m-Xylene	µg/kg	1.2J	ND<0.73	ND<0.73	ND<0.73	ND<0.73	ND<0.73	ND<0.73	2.4J	2.2J	ND<0.73	1.9J	ND<0.73
o-Xylene	µg/kg	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.95J	1.1J	ND<0.50	1.2JB	0.59JB
Methyl-t-Butyl Ether (MTBE)	µg/kg	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68

MDL- Method detection limit
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
ND- Not detected at concentrations greater than or equal to the MDL
J - Trace concentration detected between the MDL and reporting limit
B - Reported in the method blank
- Not analyzed

Table 6
Summary of Sediment and Soil Sample Analytical Results
Poway Landfill
Poway, California

		Vapor Well Soil Samples								
		VW-4-5	VW-5-0.5'	VW-5-2.5'	VW-5-5'	VW-12-0.5'	VW-12-2.5'	VW-12-5'	VW-13-0.5'	VW-13-2.5'
	Units	4/12/2006	4/13/2006	4/13/2006	4/13/2006	4/17/2006	4/17/2006	4/17/2006	4/17/2006	4/17/2006
Metals										
Antimony	mg/kg	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-
Molybdenum	mg/kg	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds										
Acetone	µg/kg	ND<14	ND<14	ND<14	ND<14	43JB	39J	ND<14	31J	ND<14
Benzene	µg/kg	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54	ND<0.54
Bromobenzene	µg/kg	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<0.84
Bromochloromethane	µg/kg	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2	ND<3.2
Bromodichloromethane	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
Bromoform	µg/kg	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
Bromomethane	µg/kg	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16	ND<16
2-Butanone	µg/kg	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13
n-Butylbenzene	µg/kg	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<0.88
sec-Butylbenzene	µg/kg	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36
tert-Butylbenzene	µg/kg	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70
Carbon Tetrachloride	µg/kg	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chlorobenzene	µg/kg	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51	ND<0.51
Chloroethane	µg/kg	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7
Chloroform	µg/kg	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3
Chloromethane	µg/kg	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
2-Chlorotoluene	µg/kg	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79
4-Chlorotoluene	µg/kg	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47	ND<0.47
Dibromochloromethane	µg/kg	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5
1,2-Dibromo-3-Chloropropane	µg/kg	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1
1,2-Dibromoethane	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
Dibromomethane	µg/kg	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7
1,2-Dichlorobenzene	µg/kg	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67	ND<0.67
1,3-Dichlorobenzene	µg/kg	ND<0.48	ND<0.48	ND<0.48	ND<0.48	0.51J	ND<0.48	ND<0.48	ND<0.48	ND<0.48
1,4-Dichlorobenzene	µg/kg	ND<0.76	ND<0.76	ND<0.76	ND<0.76	0.94J	ND<0.76	ND<0.76	ND<0.76	ND<0.76
Dichlorodifluoromethane	µg/kg	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3

Table 6
Summary of Sediment and Soil Sample Analytical Results
Poway Landfill
Poway, California

		Vapor Well Soil Samples								
		VW-4-5	VW-5-0.5'	VW-5-2.5'	VW-5-5'	VW-12-0.5'	VW-12-2.5'	VW-12-5'	VW-13-0.5'	VW-13-2.5'
	Units	4/12/2006	4/13/2006	4/13/2006	4/13/2006	4/17/2006	4/17/2006	4/17/2006	4/17/2006	4/17/2006
Volatile Organic Compounds										
1,1-Dichloroethane	µg/kg	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89
1,2-Dichloroethane	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
1,1-Dichloroethene	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
c-1,2-Dichloroethene	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
t-1,2-Dichloroethene	µg/kg	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6
1,2-Dichloropropane	µg/kg	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9	ND<2.9
Acrolein	µg/kg	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21
Acrylonitrile	µg/kg	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4
1,3-Dichloropropane	µg/kg	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79
2,2-Dichloropropane	µg/kg	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7
1,1-Dichloropropene	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
c-1,3-Dichloropropene	µg/kg	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3
t-1,3-Dichloropropene	µg/kg	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
Ethylbenzene	µg/kg	ND<0.42	ND<0.42	ND<0.42	ND<0.42	0.64J	0.94J	0.82J	ND<0.42	ND<0.42
2-Hexanone	µg/kg	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Isopropylbenzene	µg/kg	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71	ND<0.71
p-Isopropyltoluene	µg/kg	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60	ND<0.60
Methylene Chloride	µg/kg	45JB	48JB	48JB	47JB	45J	41JB	37JB	37JB	39JB
4-Methyl-2-Pentanone	µg/kg	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0
Naphthalene	µg/kg	ND<0.66	ND<0.66	ND<0.66	ND<0.66	3.6J	0.79JB	0.77JB	ND<0.66	ND<0.66
n-Propylbenzene	µg/kg	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70
Styrene	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
1,1,1,2-Tetrachloroethane	µg/kg	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND<1.3
1,1,2,2-Tetrachloroethane	µg/kg	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<0.91
Tetrachloroethene	µg/kg	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80
Toluene	µg/kg	1.5JB	0.81JB	0.84JB	0.74JB	3.1JB	4.4J	5.6	1.3JB	0.80JB
1,2,3-Trichlorobenzene	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	1.7J	ND<1.2	ND<1.2	ND<1.2	ND<1.2
1,2,4-Trichlorobenzene	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	1.7J	ND<1.2	ND<1.2	ND<1.2	ND<1.2
1,1,1-Trichloroethane	µg/kg	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2
Hexachloro-1,3-Butadiene	µg/kg	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9
1,1,2-Trichloroethane	µg/kg	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
Trichloroethene	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
1,2,3-Trichloropropane	µg/kg	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4	ND<2.4
1,2,4-Trimethylbenzene	µg/kg	ND<0.31	ND<0.31	ND<0.31	ND<0.31	0.81J	1.3J	0.70J	ND<0.31	ND<0.31
Trichlorofluoromethane	µg/kg	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1
1,3,5-Trimethylbenzene	µg/kg	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53	ND<0.53
Vinyl Chloride	µg/kg	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5
p/m-Xylene	µg/kg	ND<0.73	ND<0.73	ND<0.73	ND<0.73	2.8J	3.8JB	3.5JB	0.98J	0.73J
o-Xylene	µg/kg	0.70JB	0.65JB	0.59JB	0.59JB	0.87J	1.4J	1.1J	ND<0.50	ND<0.50
Methyl-t-Butyl Ether (MTBE)	µg/kg	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68	ND<0.68

MDL- Method detection limit
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
ND- Not detected at concentrations greater than or equal to the MDL
J - Trace concentration detected between the MDL and reporting limit
B - Reported in the method blank
- Not analyzed

Table 7
Summary of Utility Vapor Analytical Results
Poway Landfill
Poway, California

		Sewer Line #1	Sewer Line #2	Sewer Line # 2B	Sewer Line #3	Sewer Line #4	PU-1	PU-2	PU-3	PU-4	PU-5	PU-6	PU-7	QCEB	QCFB	QCTB
	Units	5/16/2006	5/16/2006	5/16/2006	5/16/2006	5/16/2006	06/01/06	06/01/06	06/01/06	06/01/06	06/01/06	06/01/06	06/01/06	06/01/06	5/16/2006	5/16/2006
Fixed Gases by ASTM-1945																
Oxygen	%	18	15	15	18	14	23	23	23	23	23	23	21	23	22	ND<0.10
Nitrogen	%	80	80	80	79	78	77	77	77	77	77	77	79	77	78	100
Carbon Monoxide	%	ND<0.024	ND<0.023	ND<0.023	ND<0.024	ND<0.024	ND<0.024	ND<0.024	ND<0.024	ND<0.023	ND<0.024	ND<0.023	ND<0.023	ND<0.024	ND<0.022	ND<0.010
Methane	%	ND<0.00024	ND<0.00023	ND<0.00023	ND<0.00024	ND<0.00024	ND<0.00024	ND<0.00024	0.00066	ND<0.00023	ND<0.00024	ND<0.00023	0.00028	ND<0.00024	ND<0.00022	ND<0.00010
Carbon Dioxide	%	2.3	4.8	5.2	3.3	7.9	0.047	0.037	0.089	0.041	0.067	0.044	0.11	0.040	0.04	ND<0.010
Helium	%	ND<0.024	ND<0.023	ND<0.023	0.054	ND<0.024	-	-	-	-	-	-	-	-	ND<0.022	ND<0.010
Volatile Organic Compounds by TO-15																
1,1,1-Trichloroethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,1,2,2-Tetrachloroethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,1,2-Trichloroethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,1-Dichloroethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,1-Dichloroethene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,2,4-Trichlorobenzene	PPBV	ND<4.8	ND<4.7	ND<4.6	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.7	ND<4.8	ND<4.7	ND<4.7	ND<4.8	ND<4.5	ND<2.0
1,2,4-Trimethylbenzene	PPBV	3.6	2.8	1.8	1.5	ND<1.2	ND<1.2	ND<1.2	ND<1.2	3.0	ND<1.2	ND<1.2	4.2	ND<1.2	ND<1.1	ND<0.50
1,2-Dibromoethane (EDB)	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,2-Dichlorobenzene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,2-Dichloroethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,2-Dichloropropane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,3,5-Trimethylbenzene	PPBV	1.4	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	1.2	ND<1.2	ND<1.2	1.3	ND<1.2	ND<1.1	ND<0.50
1,3-Butadiene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,3-Dichlorobenzene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,4-Dichlorobenzene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
1,4-Dioxane	PPBV	18	ND<4.7	ND<4.6	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.7	ND<4.8	ND<4.7	ND<4.7	ND<4.8	ND<4.5	ND<2.0
2,2,4-Trimethylpentane	PPBV	17	16	12	3.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	1.6	ND<0.50
2-Butanone	PPBV	2.3	3.7	4.3	ND<1.2	4.1	5.4	ND<1.2	21	12	18	14	54	8.5	2.6	ND<0.50
2-Hexanone	PPBV	ND<4.8	ND<4.7	ND<4.6	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.7	ND<4.8	ND<4.7	ND<4.7	ND<4.8	ND<4.5	ND<2.0
2-Propanol	PPBV	ND<4.8	4.5J	ND<4.6	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.7	ND<4.8	ND<4.7	ND<4.7	ND<4.8	ND<4.5	ND<2.0
3-Chloropropene	PPBV	ND<4.8	ND<4.7	ND<4.6	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.7	ND<4.8	ND<4.7	ND<4.7	ND<4.8	ND<4.5	ND<2.0
4-Ethyltoluene	PPBV	2.0	2.0	1.6	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	1.4	ND<1.2	ND<1.2	1.7	ND<1.2	ND<1.1	ND<0.50
4-Methyl-2-pentanone	PPBV	ND<1.2	2	1.8	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Acetone	PPBV	5.3	17	15	ND<4.8	6.0	5.7	ND<4.8	14	8.5	10	9.3	36	9.5	16	ND<2.0
alpha-Chlorotoluene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Benzene	PPBV	1.8	7.1	1.6	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	2.4	ND<1.2	ND<1.1	ND<0.50
Bromodichloromethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	22	ND<1.2	5.6	ND<1.2	22	ND<1.2	ND<1.1	ND<0.50
Bromoform	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Bromomethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Carbon Disulfide	PPBV	6.0	1.4	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Carbon Tetrachloride	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Chlorobenzene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Chloroethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Chloroform	PPBV	ND<1.2	8.1	8.2	1.5	13	5.2	ND<1.2	54	ND<1.2	15	ND<1.2	50	ND<1.2	ND<1.1	ND<0.50
Chloromethane	PPBV	ND<4.8	ND<4.7	ND<4.6	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.7	ND<4.8	ND<4.7	ND<4.7	ND<4.8	ND<4.5	ND<2.0
cis-1,2-Dichloroethene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
cis-1,3-Dichloropropene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Cumene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Cyclohexane	PPBV	ND<1.2	4.3	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	1.4	ND<1.2	ND<1.1	ND<0.50
Dibromochloromethane	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	8.0	ND<1.2	1.7	ND<1.2	8.4	ND<1.2	ND<1.1	ND<0.50
Ethanol	PPBV	ND<4.8	ND<4.7	ND<4.7	ND<4.8	ND<4.8	ND<4.8	ND<4.8	37	ND<4.7	ND<4.8	ND<4.7	74	ND<4.8	11	ND<2.0
Ethyl Benzene	PPBV	1.9	4.0	1.4	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Freon 11	PPBV	ND<1.2	2.9	3.3	ND<1.2	ND<1.2	ND<1.2	ND<1.2	3.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Freon 113	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Freon 114	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Freon 12 (DCDFM)	PPBV	3.2	ND<1.2	ND<1.1	2.5	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Heptane	PPBV	1.8	4.8	1.6	ND<1.2	ND<1.2	1.9	ND<1.2	ND<1.2	ND<1.2	ND<1.2	1.5	ND<1.2	ND<1.2	ND<1.1	ND<0.50

Table 7
Summary of Utility Vapor Analytical Results
Poway Landfill
Poway, California

		Sewer Line #1	Sewer Line #2	Sewer Line # 2B	Sewer Line #3	Sewer Line #4	PU-1	PU-2	PU-3	PU-4	PU-5	PU-6	PU-7	QCEB	QCFB	QCTB
	Units	5/16/2006	5/16/2006	5/16/2006	5/16/2006	5/16/2006	06/01/06	06/01/06	06/01/06	06/01/06	06/01/06	06/01/06	06/01/06	06/01/06	5/16/2006	5/16/2006
Volatile Organic Compounds																
Hexachlorobutadiene	PPBV	ND<4.8	ND<4.7	ND<4.6	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.7	ND<4.8	ND<4.7	ND<4.7	ND<4.8	ND<4.5	ND<2.0
Hexane	PPBV	1.8	7.4	1.7	ND<1.2	ND<1.2	ND<1.2	ND<1.2	5.1	ND<1.2	ND<1.2	ND<1.2	1.7	ND<1.2	ND<1.1	ND<0.50
Iodomethane	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPBV	9.3	15	6.4	2.6	ND<1.2	ND<1.2	ND<1.2	ND<1.2	2.2	ND<1.2	ND<1.2	1.2	ND<1.2	ND<1.1	ND<0.50
Methyl tert-butyl ether	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Methylene Chloride	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	1.3	ND<1.2	ND<1.2	ND<1.2	1.3	ND<1.2	ND<1.1	ND<0.50
o-Xylene	PPBV	3.0	3.0	1.9	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Propylbenzene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Styrene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Tetrachloroethene	PPBV	ND<1.2	38	44	ND<1.2	33	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Tetrahydrofuran	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	4.0	ND<1.2	ND<1.1	ND<0.50
Toluene	PPBV	34	27	28	6.5	13	18	1.4	ND<1.2	ND<1.2	8.7	13	ND<1.2	ND<1.2	ND<1.1	ND<0.50
trans-1,2-Dichloroethene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
trans-1,3-Dichloropropene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
trans-1,4-Dichloro-2-butene	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	1.4	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50
Vinyl Acetate	PPBV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	PPBV	ND<1.2	ND<1.2	ND<1.1	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1.1	ND<0.50

PPBV - Parts per billion by volume
ND - Not detected at concentrations greater than or equal
to the method detection limit (MDL)
QCFB - Quality control field blank
QCTB - Quality control trip blank
J - Trace concentration detected between the method detection limit and the reporting limit
 - Not analyzed

Table 8
Assessment of Potential Corrective Measures
Poway Landfill
San Diego County, California

Alternative	Effectiveness	Cost		Implementability	Advantages	Disadvantages
		Capital	Operation and Maintenance			
No Further Action	Low	Low	Low	High	• Low cost • High implementability	• Low effectiveness • Not likely acceptable to regulators and community
Monitored Natural Attenuation (MNA) for groundwater	Low to Medium	Low	Low	High	• Low cost • High implementability • Effective for relatively low concentrations of COCs	• May require sampling and analyses for additional parameters • Long time to achieve goal
Vertical Vapor Barrier (Air Curtain)	Medium to High	Low to Medium	Medium	Medium to High	• Likely effective for control of vapor migration	• Extensive monitoring required to ensure air curtain is properly formed and maintained in the subsurface • Could increase oxygen concentration in LFG and adversely impact flare system • Air treatment and permit likely required
Soil Vapor Extraction (SVE)	Medium to High	Medium to High	High	Medium to High	• Effective for control of vapor migration • Proven technology • High acceptability by regulators	• Could pull LFG toward property boundary • Could increase oxygen concentration in LFG and adversely impact flare system • Air treatment and discharge permit required • High costs for both capital and O&M
Landfill Gas (LFG) Extraction System Enhancements	High	Medium to High	Low	High	• Effective for control of LFG migration • Potentially effective for groundwater impacts • High implementability • High acceptability by regulators and community • Low O&M costs	• Potentially high capital costs if cap modifications are necessary
Excavation of Waste and Disposal Off Site	High	High	Low	Medium	• Source is removed • High acceptability by regulators and community • No operation and maintenance	• Very high capital cost • Does not address current impacts outside limits of waste