TABLES

TABLE 1
MONITORING WELL CONSTRUCTION DATA
GREGORY CANYON LANDFILL MONITORING WELLS

Well Number	Status	Casing Elevation (feet MSL)	Depth (in feet) To: Bottom of Well	Depth (in feet) To: First Water	Static Water (feet)	Static Water (date)	Original Well Construction: Diameter & Material	Filter Pack	Slot Size	Screen Interval	Drilling Method	Aquifer Material
Detection Monitoring Wells												
GLA-2	Compliance	379.39	95.4	-	75.49	8/25/04	4" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	70.38-95.38	Air Rotary	Bedrock
GLA-4	Background	904.99	250	103	72.84	8/25/04	5.5" Open Hole	None	NA	30-240	Dual Wall Rev. - Air	Bedrock
GLA-5	Background	927.92	195	100	39.89	8/25/04	5.5" Open Hole	None	NA	30-190	Dual Wall Rev. - Air	Bedrock
GLA-11	Background	777.32	243	231	201.20	8/25/04	2" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	202.5-242.5	Air Rotary	Bedrock
GLA-12	Compliance	345.79	53	38	39.85	8/25/04	2" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	32-52	Air Rotary	Bedrock
GLA-13	Compliance	358.15	70	58	53.00	8/25/04	2" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	49.5-69.5	Air Rotary	Bedrock
GLA-14	Compliance	334.13	56	42	40.90	8/25/04	2" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	35.5-55.5	Air Rotary	Bedrock
GLA-18 [2]	Background	915 (est.)	-	-	-	-	4" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	To be determined	Air Rotary	Bedrock
GLA-A	Compliance	380.35	104.4	85	77.85	8/25/04	4" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	74.4-104.4	Air Rotary	Bedrock
GLA-B	Compliance	347.04	91.5	42	42.67	8/25/04	4" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	51.2-91.2	Air Rotary	Bedrock
GLA-C	Compliance	343.45	81.5	46.7	39.79	8/25/04	4" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	41-81	Air Rotary	Bedrock
GLA-D	Compliance	367.65	146.2	105.6	62.92	8/25/04	4" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	95.1-145.1	Air Rotary	Bedrock
GLA-E [3]	Compliance	385 (est.)	152.9	152.8	77.6	10/9/04	Open Hole (pend. constr.)	#3 Monterey Sd.	0.020"	83-153	Air Rotary	Bedrock
GLA-F [3]	Compliance	375 (est.)	165.5	164.8	69.7	10/9/04	Open Hole (pend. constr.)	#3 Monterey Sd.	0.020"	65-165	Air Rotary	Bedrock
GLA-G	Compliance	347.58	104	85	43.25	8/25/04	4" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	61.15-101.15	Air Rotary	Bedrock
Lucio #2R [4]	Background	310 (est.)	40	12.5	12.7	6/8/04	2" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	10-40	Hollow-Stem Auger	Alluvium
GMW-1	Compliance	331.36	90.5	21.25	26.8	10/9/04	5" and 4.25" Open Hole	None	NA	48-90.5	Air Rotary	Bedrock
GMW-3	Compliance	320.36	49.5	12.83	16.32	3/14/00	4" Dia. Sch. 40 PVC	2/12 Sand	0.020"	9.5-49.5	Hollow-Stem Auger	Alluvium
SLRMWD #34R [4]	Sentry	310 (est.)	30	12.6	15.0	10/9/04	2" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	9-29	Hollow-Stem Auger	Alluvium
GLA-16	Sentry	307.54	33.5	10.6	17.22	8/25/04	2" Dia. Sch. 40 PVC	#3 Monterey Sd.	0.020"	9.5-29.5	Air Rotary	Alluvium
Water Level Measuring Stations (wells GLA-7 and GLA-8 will be abandoned prior to landfilling in that area)												
GLA-3 [1]	Compliance	332.02	150	-	29.08	8/25/04	Open Hole (pend. constr.)	None	NA	45-100	Air Rotary	Bedrock
GLA-1	-	343.72	300	210	41.9	8/25/04	Open Hole	None	NA	20-300	Dual Wall Rev. - Air	Bedrock
GLA-7	-	402.85	160	50	52.16	8/25/04	Open Hole	None	NA	30-160	Dual Wall Rev. - Air	Bedrock
GLA-8	-	633.11	300	86	73.78	8/25/04	Open Hole	None	NA	15-300	Dual Wall Rev. - Air	Bedrock
GLA-10	-	326.59	57	33	24.09	8/25/04	Open Hole	None	NA	50-57	Dual Wall Rev. - Air	Bedrock

Notes: GLA-17 was drilled to 500 feet and was dry. Borehole was downhole logged before it was grouted to surface with neat cement slurry.

1. The bottom of existing well GLA-3 will be grouted to design depth of approximately 100 feet below ground surface once groundwater monitoring system is approved.
2. GLA-18 will be constructed once the transmission line power pole pad has been constructed and there is adequate drilling rig access to the proposed location.
3. Wells GLA-E and GLA-F had not reached static water levels during the drilling program, and therefore will be constructed as wells once the groundwater system is approved.
4. R indicates replacement constructed in vicinity of the existing groundwater monitoring well.

TABLE 2
SITE MONITORING WELL INFORMATION
GREGORY CANYON LANDFILL

WELL INFORMATION	GLA-1	GLA-2	GLA-3	GLA-4	GLA-5	GLA-7	GLA-8	GLA-10	GLA-11	GLA-12	GLA-13	GLA-14	GLA-16	GLA-A	GLA-B	GLA-C	GLA-D	GLA-E*	GLA-F*	GLA-G	MW-3	GMW-1	GMW-2	GMW-4	GMP-2
Elevation of Well (feet MSL):																									
Top of Well Casing	343.72	379.39	332.02	904.99	927.92	402.85	633.11	326.59	777.32	345.79	.358.15	334.13	307.54	380.35	347.04	343.45	367.65	383	374	347.58	327.58	331.36	324.64	637.53	437.64
Total Depth of Well (ft.): At installa	300	95	150	250	195	160	300	57.0	243	53	70	56	33.5	104	91.0	81	145	153	166	101	24.6	90	106	116	87.5
Depth of Screened Interval	20-300	70-95	45-150	30-240	30-190	30-160	15-300	50-57	202.5-242.5	32-52	49.5-69.5	35.5-55.5	9.5-29.5	74-104	51-91	41-81	95-145	80-150	80-165	61-101	?-24.6	48-90	50-106	55-116	45-87
Depth to Water (from top of well casing (ft.)):																									
12/3/1996	37.98	69.65	21.81	165.00**	41.44	33.46	62.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.24	19.84	-	68.13
12/16/1996	37.10	69.73	23.84	149.93**	42.57	34.82	62.40	22.20	-	-	-	-	-	-	-	-	-	-	-	-	23.20	21.89	20.46	65.72	69.54
9/13/1999	39.36	70.58	25.38	70.57	41.22	37.72	64.85	23.27	-	-	-	-	-	-	-	-	-	-	-	-	24.10	23.37	21.39	68.17	72.42
3/14/2000	38.05	71.11	23.66	60.39	41.29	39.11	63.70	22.01	193.36	36.96	49.25	38.18	13.92	-	-	-	-	-	-	-	22.98	22.97	20.03	68.69	73.88
11/14-15/00	38.82	72.36	24.80	62.53	39.80	41.58	66.21	22.66	194.98	38.08	50.52	38.89	15.35	-	-	-	-	-	-	-	23.56	24.12	20.52	71.53	76.33
12/5-6/00	-	72.23	-	64.71	40.54	-	-	23.30	195.30	37.96	50.54	38.73	15.06	-	-	-	-	-	-	-	-	-	-	-	-
1/30/2001	40.25	72.99	26.78	76.25	40.55	43.43	67.86	23.05	195.72	37.98	50.55	38.58	14.91	-	-	-	-	-	-	-	-	-	-	-	-
2/26/2001	40.09	72.98	26.74	71.60	41.42	43.72	68.13	22.93	195.59	37.93	50.52	38.51	14.82	-	-	-	-	-	-	-	-	-	-	-	-
3/12/2001	39.99	72.95	26.57	70.50	40.58	43.82	67.50	22.73	195.57	37.79	50.38	38.41	14.60	-	-	-	-	-	-	-	-	-	-	-	-
4/13/2001	40.08	73.08	26.55	148.69**	40.28	43.92	67.23	22.71	195.36	37.83	50.37	38.35	14.62	-	-	-	-	-	-	-	-	-	-	-	-
5/14/2001	40.22	73.19	26.78	98.09**	40.71	44.18	67.67	23.01	196.36	37.97	50.57	38.50	14.82	-	-	-	-	-	-	-	-	-	-	-	-
6/20/2001	40.62	73.25	27.11	74.50	39.66	44.40	68.57	23.19	196.25	38.66	50.73	38.66	15.07	-	-	-	-	-	-	-	-	-	-	-	-
7/11/2001	40.63	73.43	27.24	128.18**	40.10	44.54	68.98	23.54	196.86	38.40	51.00	38.83	15.31	-	-	-	-	-	-	-	-	-	-	-	-
8/29/2001	40.80	73.62	27.56	76.72	41.13	44.95	69.67	23.68	196.74	38.64	51.24	39.05	15.69	-	-	-	-	-	-	-	-	-	-	-	-
9/5/2001	40.72	73.53	26.91	74.25	41.16	44.71	67.95	22.96	196.63	38.62	51.20	39.05	15.73	-	-	-	-	-	-	-	-	-	-	-	-
10/29/2001	40.80	73.90	27.54	75.43	41.43	45.50	70.06	23.55	196.98	38.73	51.37	39.27	16.03	-	-	-	-	-	-	-	-	-	-	-	-
11/28/2001	40.68	73.88	27.5	73.64	42.11	45.77	69.92	23.36	197.08	38.65	51.36	39.05	15.46	-	-	-	-	-	-	-	-	-	-	-	-
12/11/2001	40.55	73.25	27.37	73.06	42.25	45.80	69.80	22.49	196.62	38.55	51.18	38.89	15.20	-	-	-	-	-	-	-	-	-	-	-	-
3/29/2002	40.70	73.98	27.48	70.60	NA	46.79	70.96	23.22	197.14	38.64	51.39	38.75	14.94	-	-	-	-	-	-	-	-	-	-	-	-
8/19/2002	41.64	74.19	28.39	69.87	42.57	47.88	72.27	24.45	197.79	39.48	52.21	40.31	16.87	-	-	-	-	-	-	-	-	-	-	-	-
8//25/2004	41.90	75.49	29.08	72.84	39.89	52.16	73.78	24.09	201.20	39.85	53.00	40.90	17.22	77.85	42.67	39.79	62.92	-	-	43.25	-	-	-	-	-
10/9/2004	41.78	75.45	28.94	73.09	40.62	52.41	73.89	24.00	200.73	39.83	52.87	41.32	17.71	77.85	42.58	39.71	62.87	77.6	69.7	43.15	23.85	26.80	21.89	79.97	86.94
Elevation of Water Surface (ft. MSL):																									
12/3/1996	305.74	309.74	310.21	739.99**	886.48	369.39	570.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	310.12	304.80	-	369.51
12/16/1996	306.62	309.66	308.18	755.06**	885.35	368.03	570.71	304.39	-	-	-	-	-	-	-	-	-	-	-	-	304.38	309.47	304.18	571.81	368.10
9/13/1999	304.36	308.81	306.64	834.42	886.70	365.13	568.26	303.32	-	-	-	-	-	-	-	-	-	-	-	-	303.48	307.99	303.25	569.36	365.22
3/14/2000	305.67	308.28	308.36	844.60	886.63	363.74	569.41	304.58	583.96	308.83	308.90	295.95	293.62	-	-	-	-	-	-	-	304.60	308.39	304.61	568.84	363.76
11/14-15/00	304.90	307.03	307.22	842.46	888.12	361.27	566.90	303.93	582.34	307.71	307.63	295.24	292.19	-	-	-	-	-	-	-	304.02	307.24	304.12	566.00	361.31
12/5-6/00	-	307.16	-	840.28	887.38	-	-	303.29	582.02	307.83	307.61	295.40	292.48	-	-	-	-	-	-	-	-	-	-	-	-
1/30/2001	303.47	306.40	305.24	828.74	887.37	359.42	565.25	303.54	581.60	307.81	307.60	295.55	292.63	-	-	-	-	-	-	-	-	-	-	-	-
2/26/2001	303.63	306.41	305.28	833.39	886.50	359.13	564.98	303.66	581.73	307.86	307.63	295.62	292.72	-	-	-	-	-	-	-	-	-	-	-	-
3/12/2001	303.73	306.44	305.45	834.49	887.34	359.03	565.61	303.86	581.75	308.00	307.77	295.72	292.94	-	-	-	-	-	-	-	-	-	-	-	-
4/13/2001	303.64	306.31	305.47	756.30**	887.64	358.93	565.88	303.88	581.96	307.96	307.78	295.78	292.92	-	-	-	-	-	-	-	-	-	-	-	-
5/14/2001	303.50	306.2	305.24	806.90**	887.21	358.67	565.44	303.58	580.96	307.82	307.58	295.63	292.72	-	-	-	-	-	-	-	-	-	-	-	-
6/20/2001	303.10	306.14	304.91	830.49	888.26	358.45	564.54	303.40	581.07	307.13	307.42	295.47	292.47	-	-	-	-	-	-	-	-	-	-	-	-
7/11/2001	303.09	305.96	304.78	776.81**	887.82	358.31	564.13	303.05	580.46	307.39	307.15	295.30	292.23	-	-	-	-	-	-	-	-	-	-	-	-
8/29/2001	302.92	305.77	304.46	828.27	886.79	357.90	563.44	302.91	580.58	307.15	306.91	295.08	291.85	-	-	-	-	-	-	-	-	-	-	-	-
9/5/2001	303.00	305.86	305.11	830.74	886.76	358.14	565.16	303.63	580.69	307.17	306.95	295.08	291.81	-	-	-	-	-	-	-	-	-	-	-	-
10/29/2001	302.92	305.49	304.48	829.56	886.49	357.35	563.05	303.04	580.34	307.06	306.78	294.86	291.51	-	-	-	-	-	-	-	-	-	-	-	-
11/28/2001	303.04	305.51	304.52	831.35	885.81	357.08	563.19	303.23	580.24	307.14	306.79	295.08	292.08	-	-	-	-	-	-	-	-	-	-	-	-
12/11/2001	303.17	306.14	304.65	831.93	885.67	357.05	563.31	304.10	580.70	307.24	306.97	295.24	292.34	-	-	-	-	-	-	-	-	-	-	-	-
3/29/2002	303.02	305.41	304.54	834.39	NA	356.06	562.15	303.37	580.18	307.15	306.76	295.38	292.60	-	-	-	-	-	-	-	-	-	-	-	-
8/19/2002	302.08	305.20	303.63	835.12	885.35	354.97	560.84	302.14	579.53	306.31	305.94	293.82	290.67	-	-	-	-	-	-	-	-	-	-	-	-
8//25/2004	301.82	303.90	302.94	832.15	888.03	350.69	559.33	302.50	576.12	305.94	305.15	293.23	290.32	302.50	304.37	303.66	304.73	-	-	304.33	-	-	-	-	-
10/9/2004	301.94	303.94	303.08	831.90	887.30	350.44	559.22	302.59	576.59	305.96	305.28	292.81	289.83	302.50	304.46	303.74	304.78	305.40	304.30	304.43	303.73	304.56	302.75	557.56	350.70

Notes:

NM - Not measured/not applicable.

*GLA-E and GLA-F - Reference elevaton based on topgraphic map/not survey.

** GLA-4 - Water level had not yet recovered prior to Water level measurement.

TABLE 3
AQUIFER TEST RESULTS
GREGORY CANYON LANDFILL

Pump Test (date tested)	Well	Distance From Pumping Well (feet)	Specific Capacity (gpm/ft)	Analytical Method	Data Points	Hydraulic Conductivity (ft/day)	Transmissivity (ft2/day)	Storativity
GLA-G (2004)	GLA-G	1	0.18	Cooper-Jacob (time-drawdown), Confined	Middle	0.943	60.3	NC
	GLA-G	1	0.18	Theis, Confined	Late	0.137	8.77	7.90E-03
	GLA-G	1	0.18	Moench (fracture flow)	Late	0.369	23.6	0.053
	GLA-B	101	0.06	Cooper-Jacob (time-drawdown), Confined	Middle-Late	3.96	254	NC
	GLA-B	101	0.06	Cooper-Jacob (time-drawdown), Confined	Late	6	384	NC
	GLA-B	101	0.06	Theis, Confined	Late	3.86	247	2.13E-04
	GLA-B	101	0.06	Moench (fracture flow)	Late	3.26	208	1.99E-06
	GLA-12	101.5	not tested	Cooper-Jacob (time-drawdown), Confined	Late	7.82	500	3.36E-03
	GLA-12	101.5	not tested	Theis, Confined	Late	10.2	650	1.09E-03
	GLA-12	101.5	not tested	Moench (fracture flow)	Late	7.89	505	1.95E-03
GLA-13 (2004)	GLA-13	1	1.11	Cooper-Jacob (time-drawdown), Confined	Late	4.79	87.7	NC
	GLA-13	1	1.11	Theis, Confined	Late	7.14	131	0.280
	GLA-13	1	1.11	Moench (fracture flow)	Late	8.19	150	0.097
	GLA-D	172	not tested	Cooper-Jacob (time-drawdown), Confined	Late	24.6	451	NC
	GLA-D	172	not tested	Theis, Confined	Late	7.87	144	5.04E-03
	GLA-D	172	not tested	Moench (fracture flow)	Late	7.87	144	4.68E-03
GLA-3 (2000)	GLA-3	1	1.00	Cooper-Jacob (time-drawdown), Confined	Late	5.89	352	8.87E-08
	GLA-3	1	1.00	Theis, Unconfined	Late	3.87	231.8	NC
	GMW-1	51	not tested	Cooper-Jacob (time-drawdown), Confined	Late	6.26	325.4	1.28E-04
	GMW-1	51	not tested	Theis, Unconfined	Late	6.09	316.8	NC
	GLA-13	200	not tested	Cooper-Jacob (time-drawdown), unconfined	late	19.15	276.48	NC
	GLA-13	200	not tested	Cooper-Jacob (time-drawdown), Confined	late	NC	273.6	NC
	GLA-13	200	not tested	Theis, Unconfined	late	15.12	218.88	NC
GLA-8 (2000)	GLA-8	1	not tested	Cooper-Jacob (time-drawdown), unconfined	late	0.017	1.84	NC
	GLA-8	1	not tested	Cooper-Jacob (time-drawdown), Confined	late	NC	1.25	0.408
	GLA-8	1	not tested	Cooper-Jacob (time-drawdown), unconfined	middle	0.0896	9.68	9.37E-04
	GLA-8	1	not tested	Cooper-Jacob (time-drawdown), Confined	middle	NC	8.50	7.63E-03
	GLA-8	1	not tested	Theis, unconfined	mid-late	0.0896	9.68	NC
	GMW-4	21	not tested	Cooper-Jacob (time-drawdown), unconfined	late	0.297	13.64	NC
	GMW-4	21	not tested	Cooper-Jacob (time-drawdown), Confined	late	NC	12.73	1.00E-03
	GMW-4	21	not tested	Cooper-Jacob (time-drawdown), unconfined	middle	0.491	22.46	NC
	GMW-4	21	not tested	Cooper-Jacob (time-drawdown), Confined	middle	NC	23.33	0.094
	GMW-4	21	not tested	Theis, unconfined	late	0.210	9.68	NC
Bail Test (date tested)	**Well**	**Distance From Pumping Well (feet)**	**Specific Capacity (gpm/ft)**	**Analytical Method**	**Data Points**	**Hydraulic Conductivity (ft/day)**	**Transmissivity (ft2/day)**	**Storativity**
GLA-E (2004)	GLA-E	NA	not tested	Bower-Rice Slug/Bail	Late	3.07E-03	NC	NC
GLA-F (2004)	GLA-F	NA	not tested	Bower-Rice Slug/Bail	Late	2.55E-03	NC	NC
GLA-2 (2004)	GLA-2	NA	not tested	Bower-Rice Slug/Bail	Late	1.75E-05	NC	NC

Notes: NA - Not Applicable
NC - Not Calculated