

SUB-APPENDIX D6-I

**LFG Estimates – Do-Nothing
Condition**

Year	Year # From Opening	Year # From Closure	Annual Tonnage	Cumulative Waste in Place	Total LFG Generation - Do-Nothing Condition			Total LFG Potential Recovery Assuming 80% Collection Efficiency - Do Nothing Condition		
			tonnes	tonnes	(average ft ³ /min)	(average m ³ /hour)	(average m ³ /second)	(average ft ³ /min)	(average m ³ /hour)	(average m ³ /second)
1965	1		0	0	0	0	0.00	0	0	0.00
1966	2		87,700	87,700	0	0	0.00	0	0	0.00
1967	3		87,700	175,400	53	89	0.02	42	72	0.02
1968	4		87,700	263,100	103	175	0.05	83	140	0.04
1969	5		87,700	350,800	152	258	0.07	121	206	0.06
1970	6		87,700	438,500	198	337	0.09	159	270	0.07
1971	7		87,700	526,200	243	413	0.11	195	331	0.09
1972	8		87,700	613,900	286	486	0.14	229	389	0.11
1973	9		87,700	701,600	328	557	0.15	262	445	0.12
1974	10		87,700	789,300	367	624	0.17	294	499	0.14
1975	11		87,700	877,000	406	689	0.19	325	551	0.15
1976	12		87,700	964,700	442	752	0.21	354	601	0.17
1977	13		87,700	1,052,400	478	812	0.23	382	649	0.18
1978	14		87,700	1,140,100	512	869	0.24	409	695	0.19
1979	15		87,700	1,227,800	544	924	0.26	435	740	0.21
1980	16		87,700	1,315,500	575	978	0.27	460	782	0.22
1981	17		87,700	1,403,200	605	1,029	0.29	484	823	0.23
1982	18		87,700	1,490,900	634	1,078	0.30	507	862	0.24
1983	19		49,000	1,539,900	662	1,125	0.31	530	900	0.25
1984	20		56,000	1,595,900	666	1,131	0.31	532	905	0.25
1985	21		64,000	1,659,900	673	1,143	0.32	538	915	0.25
1986	22		60,000	1,719,900	685	1,164	0.32	548	931	0.26
1987	23		69,000	1,788,900	694	1,179	0.33	555	944	0.26
1988	24		73,000	1,861,900	708	1,203	0.33	567	963	0.27
1989	25		105,000	1,966,900	724	1,231	0.34	579	985	0.27
1990	26		93,000	2,059,900	759	1,289	0.36	607	1,032	0.29
1991	27		83,000	2,142,900	785	1,334	0.37	628	1,067	0.30
1992	28		183,000	2,325,900	804	1,366	0.38	643	1,093	0.30
1993	29		217,000	2,542,900	882	1,499	0.42	706	1,199	0.33
1994	30		217,000	2,759,900	978	1,661	0.46	782	1,329	0.37
1995	31		218,000	2,977,900	1,070	1,817	0.50	856	1,454	0.40
1996	32		216,847	3,194,747	1,159	1,968	0.55	927	1,575	0.44
1997	33		209,921	3,404,668	1,243	2,112	0.59	995	1,690	0.47
1998	34		215,466	3,620,134	1,320	2,243	0.62	1,056	1,795	0.50
1999	35		261,795	3,881,929	1,398	2,375	0.66	1,118	1,900	0.53
2000	36		330,669	4,212,598	1,500	2,549	0.71	1,200	2,039	0.57
2001	37		303,919	4,516,517	1,640	2,786	0.77	1,312	2,229	0.62
2002	38		376,403	4,892,920	1,758	2,987	0.83	1,406	2,389	0.66
2003	39		614,640	5,507,560	1,915	3,253	0.90	1,532	2,602	0.72
2004	40		675,541	6,183,101	2,208	3,752	1.04	1,767	3,002	0.83
2005	41		673,855	6,856,956	2,527	4,294	1.19	2,022	3,435	0.95
2006	42		675,387	7,532,343	2,832	4,812	1.34	2,266	3,850	1.07
2007	43		675,759	8,208,102	3,126	5,312	1.48	2,501	4,249	1.18
2008	44		676,023	8,884,125	3,409	5,792	1.61	2,727	4,634	1.29
2009	45		675,221	9,559,346	3,681	6,254	1.74	2,945	5,003	1.39
2010	46		703,109	10,262,455	3,942	6,697	1.86	3,154	5,358	1.49
2011	47		726,483	10,988,938	4,209	7,152	1.99	3,367	5,721	1.59
2012	48		853,081	11,842,019	4,480	7,612	2.11	3,584	6,089	1.69
2013	49		875,414	12,717,433	4,816	8,183	2.27	3,853	6,546	1.82
2014	50		1,129,963	13,847,396	5,153	8,754	2.43	4,122	7,003	1.95
2015	51		1,231,335	15,078,731	5,628	9,563	2.66	4,503	7,650	2.13
2016	52		1,191,771	16,270,502	6,147	10,443	2.90	4,917	8,354	2.32
2017	53		1,131,791	17,402,293	6,621	11,248	3.12	5,296	8,999	2.50
2018	54		1,185,000	18,587,293	7,040	11,961	3.32	5,632	9,569	2.66
2019	55		1,185,000	19,772,293	7,475	12,700	3.53	5,980	10,160	2.82
2020	56		1,185,000	20,957,293	7,893	13,410	3.72	6,314	10,728	2.98

LFG Estimates - Do-Nothing Condition

Year	Year # From Opening	Year # From Closure	Annual Tonnage	Cumulative Waste in Place	Total LFG Generation - Do-Nothing Condition			Total LFG Potential Recovery Assuming 80% Collection Efficiency - Do Nothing Condition		
			tonnes	tonnes	(average ft ³ /min)	(average m ³ /hour)	(average m ³ /second)	(average ft ³ /min)	(average m ³ /hour)	(average m ³ /second)
2021	57		1,185,000	22,142,293	8,294	14,092	3.91	6,635	11,274	3.13
2022	58	1	0	22,142,293	8,680	14,747	4.10	6,944	11,798	3.28
2023	59	2	0	22,142,293	8,340	14,169	3.94	6,672	11,335	3.15
2024	60	3	0	22,142,293	8,013	13,613	3.78	6,410	10,891	3.03
2025	61	4	0	22,142,293	7,698	13,080	3.63	6,159	10,464	2.91
2026	62	5	0	22,142,293	7,397	12,567	3.49	5,917	10,053	2.79
2027	63	6	0	22,142,293	7,107	12,074	3.35	5,685	9,659	2.68
2028	64	7	0	22,142,293	6,828	11,601	3.22	5,462	9,281	2.58
2029	65	8	0	22,142,293	6,560	11,146	3.10	5,248	8,917	2.48
2030	66	9	0	22,142,293	6,303	10,709	2.97	5,042	8,567	2.38
2031	67	10	0	22,142,293	6,056	10,289	2.86	4,845	8,231	2.29
2032	68	11	0	22,142,293	5,818	9,885	2.75	4,655	7,908	2.20
2033	69	12	0	22,142,293	5,590	9,498	2.64	4,472	7,598	2.11
2034	70	13	0	22,142,293	5,371	9,125	2.53	4,297	7,300	2.03
2035	71	14	0	22,142,293	5,160	8,768	2.44	4,128	7,014	1.95
2036	72	15	0	22,142,293	4,958	8,424	2.34	3,966	6,739	1.87
2037	73	16	0	22,142,293	4,764	8,093	2.25	3,811	6,475	1.80
2038	74	17	0	22,142,293	4,577	7,776	2.16	3,661	6,221	1.73
2039	75	18	0	22,142,293	4,397	7,471	2.08	3,518	5,977	1.66
2040	76	19	0	22,142,293	4,225	7,178	1.99	3,380	5,743	1.60
2041	77	20	0	22,142,293	4,059	6,897	1.92	3,247	5,517	1.53
2042	78	21	0	22,142,293	3,900	6,626	1.84	3,120	5,301	1.47
2043	79	22	0	22,142,293	3,747	6,367	1.77	2,998	5,093	1.41
2044	80	23	0	22,142,293	3,600	6,117	1.70	2,880	4,894	1.36
2045	81	24	0	22,142,293	3,459	5,877	1.63	2,767	4,702	1.31
2046	82	25	0	22,142,293	3,323	5,647	1.57	2,659	4,517	1.25
2047	83	26	0	22,142,293	3,193	5,425	1.51	2,555	4,340	1.21
2048	84	27	0	22,142,293	3,068	5,212	1.45	2,454	4,170	1.16
2049	85	28	0	22,142,293	2,948	5,008	1.39	2,358	4,006	1.11
2050	86	29	0	22,142,293	2,832	4,812	1.34	2,266	3,849	1.07
2051	87	30	0	22,142,293	2,721	4,623	1.28	2,177	3,698	1.03
2052	88	31	0	22,142,293	2,614	4,442	1.23	2,091	3,553	0.99
2053	89	32	0	22,142,293	2,512	4,268	1.19	2,009	3,414	0.95
2054	90	33	0	22,142,293	2,413	4,100	1.14	1,931	3,280	0.91
2055	91	34	0	22,142,293	2,319	3,940	1.09	1,855	3,152	0.88
2056	92	35	0	22,142,293	2,228	3,785	1.05	1,782	3,028	0.84
2057	93	36	0	22,142,293	2,140	3,637	1.01	1,712	2,909	0.81
2058	94	37	0	22,142,293	2,057	3,494	0.97	1,645	2,795	0.78
2059	95	38	0	22,142,293	1,976	3,357	0.93	1,581	2,686	0.75
2060	96	39	0	22,142,293	1,898	3,225	0.90	1,519	2,580	0.72
2061	97	40	0	22,142,293	1,824	3,099	0.86	1,459	2,479	0.69
2062	98	41	0	22,142,293	1,752	2,977	0.83	1,402	2,382	0.66
2063	99	42	0	22,142,293	1,684	2,861	0.79	1,347	2,289	0.64
2064	100	43	0	22,142,293	1,618	2,749	0.76	1,294	2,199	0.61
2065	101	44	0	22,142,293	1,554	2,641	0.73	1,243	2,113	0.59
2066	102	45	0	22,142,293	1,493	2,537	0.70	1,195	2,030	0.56
2067	103	46	0	22,142,293	1,435	2,438	0.68	1,148	1,950	0.54
2068	104	47	0	22,142,293	1,379	2,342	0.65	1,103	1,874	0.52
2069	105	48	0	22,142,293	1,324	2,250	0.63	1,060	1,800	0.50
2070	106	49	0	22,142,293	1,273	2,162	0.60	1,018	1,730	0.48
2071	107	50	0	22,142,293	1,223	2,077	0.58	978	1,662	0.46
2072	108	51	0	22,142,293	1,175	1,996	0.55	940	1,597	0.44
2073	109	52	0	22,142,293	1,129	1,918	0.53	903	1,534	0.43
2074	110	53	0	22,142,293	1,084	1,842	0.51	868	1,474	0.41
2075	111	54	0	22,142,293	1,042	1,770	0.49	833	1,416	0.39
2076	112	55	0	22,142,293	1,001	1,701	0.47	801	1,361	0.38
2077	113	56	0	22,142,293	962	1,634	0.45	769	1,307	0.36

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			tonnes	tonnes	(average ft ³ /min)	(average m ³ /hour)	(average m ³ /second)	(average ft ³ /min)	(average m ³ /hour)	(average m ³ /second)
2078	114	57	0	22,142,293	924	1,570	0.44	739	1,256	0.35
2079	115	58	0	22,142,293	888	1,508	0.42	710	1,207	0.34
2080	116	59	0	22,142,293	853	1,449	0.40	682	1,159	0.32
2081	117	60	0	22,142,293	820	1,392	0.39	656	1,114	0.31
2082	118	61	0	22,142,293	787	1,338	0.37	630	1,070	0.30
2083	119	62	0	22,142,293	757	1,285	0.36	605	1,028	0.29
2084	120	63	0	22,142,293	727	1,235	0.34	582	988	0.27
2085	121	64	0	22,142,293	698	1,187	0.33	559	949	0.26
2086	122	65	0	22,142,293	671	1,140	0.32	537	912	0.25
2087	123	66	0	22,142,293	645	1,095	0.30	516	876	0.24
2088	124	67	0	22,142,293	619	1,052	0.29	496	842	0.23
2089	125	68	0	22,142,293	595	1,011	0.28	476	809	0.22
2090	126	69	0	22,142,293	572	971	0.27	457	777	0.22
2091	127	70	0	22,142,293	549	933	0.26	439	747	0.21
2092	128	71	0	22,142,293	528	897	0.25	422	717	0.20
2093	129	72	0	22,142,293	507	862	0.24	406	689	0.19
2094	130	73	0	22,142,293	487	828	0.23	390	662	0.18
2095	131	74	0	22,142,293	468	795	0.22	375	636	0.18
2096	132	75	0	22,142,293	450	764	0.21	360	611	0.17
2097	133	76	0	22,142,293	432	734	0.20	346	587	0.16
2098	134	77	0	22,142,293	415	705	0.20	332	564	0.16
2099	135	78	0	22,142,293	399	678	0.19	319	542	0.15
2100	136	79	0	22,142,293	383	651	0.18	307	521	0.14
2101	137	80	0	22,142,293	368	626	0.17	295	501	0.14