

Table 4-1
Seneca Meadows, Inc.
Landfill Expansion DGEIS
Landfill Gas Summary

YEAR	Existing + AB + SELF (no Exp.)			Existing + AB + SELF + Expansion		
	TOTAL Amount Generated Cumulative (CFM)	TOTAL Fugitive CFM ²	TOTAL Collected CFM ³	TOTAL Amount Generated Cumulative (CFM)	TOTAL Fugitive CFM ²	TOTAL Collected CFM ³
2004	9,204	920	8,284	9,204	920	8,284
2005	10,189	1,019	9,170	10,189	1,019	9,170
2006	11,090	1,109	9,981	11,090	1,109	9,981
2007	12,145	1,214	10,930	12,145	1,214	10,930
2008	12,931	1,293	11,638	12,931	1,293	11,638
2009	13,460	1,346	12,114	13,781	1,378	12,403
2010	12,935	1,293	11,641	14,527	1,453	13,075
2011	12,425	1,242	11,182	15,239	1,524	13,715
2012	11,938	1,194	10,744	15,926	1,593	14,334
2013	11,469	1,147	10,323	16,585	1,659	14,927
2014	11,021	1,102	9,919	17,220	1,722	15,498
2015	10,588	1,059	9,530	17,828	1,783	16,045
2016	10,175	1,017	9,157	18,413	1,841	16,572
2017	9,775	977	8,797	18,976	1,898	17,079
2018	9,390	939	8,451	19,515	1,951	17,563
2019	9,022	902	8,120	20,034	2,003	18,030
2020	8,670	867	7,803	20,533	2,053	18,479
2021	8,329	833	7,496	21,012	2,101	18,911
2022	8,003	800	7,203	21,472	2,147	19,325
2023	7,689	769	6,920	21,913	2,191	19,722
2024	7,387	739	6,648	21,055	2,105	18,949
2025	7,097	710	6,388	20,230	2,023	18,207

Notes:

1 Amount of landfill gas generated was calculated using the following values: $L_0 = 170$, $k = 0.04$

2 90% collection efficiency assumed.

3 Fugitive CFM = Total CFM - Collected CFM

4 Collected CFM = Total CFM x Collection Efficiency

CFM (non-putrescible waste = 22.55% based on information provided by facility, subtracted from SELF and Expansion. Southeast Landfill.

SELF