

METHANE

Source: C:\PROGRA~1\LANDGEM\30098R~1\30098RIG.PRM

Model Parameters

Lo : 150.00 m³ / Mg ***** User Mode Selection *****
k : 0.0450 1/yr ***** User Mode Selection *****
NMOC : 595.00 ppmv ***** User Mode Selection *****
Methane : 50.0000 % volume
Carbon Dioxide : 50.0000 % volume

Landfill Parameters

Landfill type : No Co-Disposal
Year Opened : 2006 Current Year : 2031 Closure Year: 2031
Capacity : 884617 Mg
Average Acceptance Rate Required from
Current Year to Closure Year : 0.00 Mg/year

Model Results

Year	Refuse In Place (Mg)	Methane Emission Rate	
		(Mg/yr)	(Cubic m/yr)
2007	3.956E+04	1.782E+02	2.671E+05
2008	7.690E+04	3.385E+02	5.073E+05
2009	1.120E+05	4.817E+02	7.221E+05
2010	1.471E+05	6.187E+02	9.273E+05
2011	1.823E+05	7.496E+02	1.124E+06
2012	2.174E+05	8.748E+02	1.311E+06
2013	2.525E+05	9.944E+02	1.491E+06
2014	2.876E+05	1.109E+03	1.662E+06
2015	3.227E+05	1.218E+03	1.826E+06
2016	3.578E+05	1.323E+03	1.983E+06
2017	3.930E+05	1.423E+03	2.132E+06
2018	4.281E+05	1.518E+03	2.276E+06
2019	4.632E+05	1.610E+03	2.413E+06
2020	4.983E+05	1.697E+03	2.543E+06
2021	5.334E+05	1.780E+03	2.669E+06
2022	5.686E+05	1.860E+03	2.788E+06
2023	6.037E+05	1.936E+03	2.903E+06
2024	6.388E+05	2.009E+03	3.012E+06
2025	6.739E+05	2.079E+03	3.116E+06
2026	7.090E+05	2.146E+03	3.216E+06
2027	7.441E+05	2.209E+03	3.312E+06
2028	7.793E+05	2.270E+03	3.403E+06
2029	8.144E+05	2.329E+03	3.490E+06
2030	8.495E+05	2.384E+03	3.574E+06
2031	8.846E+05	2.438E+03	3.654E+06
2032	8.846E+05	2.330E+03	3.493E+06
2033	8.846E+05	2.228E+03	3.339E+06
2034	8.846E+05	2.130E+03	3.192E+06
2035	8.846E+05	2.036E+03	3.052E+06
2036	8.846E+05	1.946E+03	2.918E+06
2037	8.846E+05	1.861E+03	2.789E+06

METHANE

2038	8.846E+05	1.779E+03	2.666E+06
2039	8.846E+05	1.701E+03	2.549E+06
2040	8.846E+05	1.626E+03	2.437E+06
2041	8.846E+05	1.554E+03	2.330E+06
2042	8.846E+05	1.486E+03	2.227E+06
2043	8.846E+05	1.420E+03	2.129E+06
2044	8.846E+05	1.358E+03	2.035E+06
2045	8.846E+05	1.298E+03	1.946E+06
2046	8.846E+05	1.241E+03	1.860E+06
2047	8.846E+05	1.186E+03	1.778E+06
2048	8.846E+05	1.134E+03	1.700E+06
2049	8.846E+05	1.084E+03	1.625E+06
2050	8.846E+05	1.037E+03	1.554E+06
2051	8.846E+05	9.910E+02	1.485E+06
2052	8.846E+05	9.474E+02	1.420E+06
2053	8.846E+05	9.057E+02	1.358E+06
2054	8.846E+05	8.659E+02	1.298E+06
2055	8.846E+05	8.278E+02	1.241E+06
2056	8.846E+05	7.914E+02	1.186E+06
2057	8.846E+05	7.565E+02	1.134E+06
2058	8.846E+05	7.232E+02	1.084E+06
2059	8.846E+05	6.914E+02	1.036E+06
2060	8.846E+05	6.610E+02	9.908E+05
2061	8.846E+05	6.319E+02	9.472E+05
2062	8.846E+05	6.041E+02	9.055E+05
2063	8.846E+05	5.775E+02	8.657E+05
2064	8.846E+05	5.521E+02	8.276E+05
2065	8.846E+05	5.278E+02	7.912E+05
2066	8.846E+05	5.046E+02	7.563E+05
2067	8.846E+05	4.824E+02	7.231E+05
2068	8.846E+05	4.612E+02	6.912E+05
2069	8.846E+05	4.409E+02	6.608E+05
2070	8.846E+05	4.215E+02	6.317E+05
2071	8.846E+05	4.029E+02	6.040E+05
2072	8.846E+05	3.852E+02	5.774E+05
2073	8.846E+05	3.682E+02	5.520E+05
2074	8.846E+05	3.520E+02	5.277E+05
2075	8.846E+05	3.366E+02	5.045E+05
2076	8.846E+05	3.217E+02	4.823E+05
2077	8.846E+05	3.076E+02	4.610E+05
2078	8.846E+05	2.941E+02	4.408E+05
2079	8.846E+05	2.811E+02	4.214E+05
2080	8.846E+05	2.687E+02	4.028E+05
2081	8.846E+05	2.569E+02	3.851E+05
2082	8.846E+05	2.456E+02	3.682E+05
2083	8.846E+05	2.348E+02	3.520E+05
2084	8.846E+05	2.245E+02	3.365E+05
2085	8.846E+05	2.146E+02	3.217E+05
2086	8.846E+05	2.052E+02	3.075E+05
2087	8.846E+05	1.961E+02	2.940E+05
2088	8.846E+05	1.875E+02	2.810E+05
2089	8.846E+05	1.792E+02	2.687E+05
2090	8.846E+05	1.714E+02	2.569E+05
2091	8.846E+05	1.638E+02	2.455E+05
2092	8.846E+05	1.566E+02	2.347E+05
2093	8.846E+05	1.497E+02	2.244E+05

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2094	8.846E+05	1.431E+02	2.145E+05
2095	8.846E+05	1.368E+02	2.051E+05
2096	8.846E+05	1.308E+02	1.961E+05
2097	8.846E+05	1.251E+02	1.874E+05
2098	8.846E+05	1.196E+02	1.792E+05
2099	8.846E+05	1.143E+02	1.713E+05
2100	8.846E+05	1.093E+02	1.638E+05
2101	8.846E+05	1.045E+02	1.566E+05
2102	8.846E+05	9.986E+01	1.497E+05
2103	8.846E+05	9.546E+01	1.431E+05
2104	8.846E+05	9.126E+01	1.368E+05
2105	8.846E+05	8.725E+01	1.308E+05
2106	8.846E+05	8.341E+01	1.250E+05
2107	8.846E+05	7.974E+01	1.195E+05
2108	8.846E+05	7.623E+01	1.143E+05
2109	8.846E+05	7.288E+01	1.092E+05
2110	8.846E+05	6.967E+01	1.044E+05
2111	8.846E+05	6.660E+01	9.983E+04
2112	8.846E+05	6.367E+01	9.544E+04
2113	8.846E+05	6.087E+01	9.124E+04
2114	8.846E+05	5.819E+01	8.723E+04
2115	8.846E+05	5.563E+01	8.339E+04
2116	8.846E+05	5.318E+01	7.972E+04
2117	8.846E+05	5.084E+01	7.621E+04
2118	8.846E+05	4.861E+01	7.286E+04
2119	8.846E+05	4.647E+01	6.965E+04
2120	8.846E+05	4.442E+01	6.659E+04
2121	8.846E+05	4.247E+01	6.366E+04
2122	8.846E+05	4.060E+01	6.085E+04
2123	8.846E+05	3.881E+01	5.818E+04
2124	8.846E+05	3.710E+01	5.562E+04
2125	8.846E+05	3.547E+01	5.317E+04
2126	8.846E+05	3.391E+01	5.083E+04
2127	8.846E+05	3.242E+01	4.859E+04
2128	8.846E+05	3.099E+01	4.646E+04
2129	8.846E+05	2.963E+01	4.441E+04
2130	8.846E+05	2.833E+01	4.246E+04
2131	8.846E+05	2.708E+01	4.059E+04
2132	8.846E+05	2.589E+01	3.880E+04
2133	8.846E+05	2.475E+01	3.710E+04
2134	8.846E+05	2.366E+01	3.546E+04
2135	8.846E+05	2.262E+01	3.390E+04
2136	8.846E+05	2.162E+01	3.241E+04
2137	8.846E+05	2.067E+01	3.098E+04
2138	8.846E+05	1.976E+01	2.962E+04
2139	8.846E+05	1.889E+01	2.832E+04
2140	8.846E+05	1.806E+01	2.707E+04
2141	8.846E+05	1.727E+01	2.588E+04
2142	8.846E+05	1.651E+01	2.474E+04
2143	8.846E+05	1.578E+01	2.365E+04
2144	8.846E+05	1.509E+01	2.261E+04
2145	8.846E+05	1.442E+01	2.162E+04
2146	8.846E+05	1.379E+01	2.067E+04
2147	8.846E+05	1.318E+01	1.976E+04
2148	8.846E+05	1.260E+01	1.889E+04
2149	8.846E+05	1.205E+01	1.806E+04

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2150	8.846E+05	1.152E+01	1.726E+04
2151	8.846E+05	1.101E+01	1.650E+04
2152	8.846E+05	1.052E+01	1.578E+04
2153	8.846E+05	1.006E+01	1.508E+04
2154	8.846E+05	9.619E+00	1.442E+04
2155	8.846E+05	9.196E+00	1.378E+04
2156	8.846E+05	8.791E+00	1.318E+04
2157	8.846E+05	8.404E+00	1.260E+04
2158	8.846E+05	8.035E+00	1.204E+04
2159	8.846E+05	7.681E+00	1.151E+04
2160	8.846E+05	7.343E+00	1.101E+04
2161	8.846E+05	7.020E+00	1.052E+04
2162	8.846E+05	6.711E+00	1.006E+04
2163	8.846E+05	6.416E+00	9.617E+03
2164	8.846E+05	6.133E+00	9.193E+03
2165	8.846E+05	5.864E+00	8.789E+03
2166	8.846E+05	5.606E+00	8.402E+03
2167	8.846E+05	5.359E+00	8.032E+03
2168	8.846E+05	5.123E+00	7.679E+03
2169	8.846E+05	4.898E+00	7.341E+03
2170	8.846E+05	4.682E+00	7.018E+03
2171	8.846E+05	4.476E+00	6.709E+03
2172	8.846E+05	4.279E+00	6.414E+03
2173	8.846E+05	4.091E+00	6.132E+03
2174	8.846E+05	3.911E+00	5.862E+03
2175	8.846E+05	3.739E+00	5.604E+03
2176	8.846E+05	3.574E+00	5.357E+03
2177	8.846E+05	3.417E+00	5.122E+03
2178	8.846E+05	3.267E+00	4.896E+03
2179	8.846E+05	3.123E+00	4.681E+03
2180	8.846E+05	2.985E+00	4.475E+03
2181	8.846E+05	2.854E+00	4.278E+03
2182	8.846E+05	2.728E+00	4.090E+03
2183	8.846E+05	2.608E+00	3.910E+03
2184	8.846E+05	2.494E+00	3.738E+03
2185	8.846E+05	2.384E+00	3.573E+03
2186	8.846E+05	2.279E+00	3.416E+03
2187	8.846E+05	2.179E+00	3.266E+03
2188	8.846E+05	2.083E+00	3.122E+03
2189	8.846E+05	1.991E+00	2.985E+03
2190	8.846E+05	1.904E+00	2.853E+03
2191	8.846E+05	1.820E+00	2.728E+03
2192	8.846E+05	1.740E+00	2.608E+03
2193	8.846E+05	1.663E+00	2.493E+03
2194	8.846E+05	1.590E+00	2.383E+03
2195	8.846E+05	1.520E+00	2.278E+03
2196	8.846E+05	1.453E+00	2.178E+03
2197	8.846E+05	1.389E+00	2.082E+03
2198	8.846E+05	1.328E+00	1.991E+03
2199	8.846E+05	1.270E+00	1.903E+03
2200	8.846E+05	1.214E+00	1.819E+03
2201	8.846E+05	1.160E+00	1.739E+03
2202	8.846E+05	1.109E+00	1.663E+03
2203	8.846E+05	1.061E+00	1.590E+03
2204	8.846E+05	1.014E+00	1.520E+03
2205	8.846E+05	9.692E-01	1.453E+03

METHANE

2206	8.846E+05	9.266E-01	1.389E+03
2207	8.846E+05	8.858E-01	1.328E+03
2208	8.846E+05	8.468E-01	1.269E+03
2209	8.846E+05	8.096E-01	1.213E+03
2210	8.846E+05	7.739E-01	1.160E+03
2211	8.846E+05	7.399E-01	1.109E+03
2212	8.846E+05	7.073E-01	1.060E+03
2213	8.846E+05	6.762E-01	1.014E+03
2214	8.846E+05	6.465E-01	9.690E+02
2215	8.846E+05	6.180E-01	9.263E+02
2216	8.846E+05	5.908E-01	8.856E+02
2217	8.846E+05	5.648E-01	8.466E+02
2218	8.846E+05	5.400E-01	8.094E+02
2219	8.846E+05	5.162E-01	7.737E+02
2220	8.846E+05	4.935E-01	7.397E+02
2221	8.846E+05	4.718E-01	7.072E+02
2222	8.846E+05	4.510E-01	6.760E+02
2223	8.846E+05	4.312E-01	6.463E+02
2224	8.846E+05	4.122E-01	6.179E+02
2225	8.846E+05	3.941E-01	5.907E+02
2226	8.846E+05	3.767E-01	5.647E+02
2227	8.846E+05	3.601E-01	5.398E+02
2228	8.846E+05	3.443E-01	5.161E+02
2229	8.846E+05	3.291E-01	4.934E+02
2230	8.846E+05	3.147E-01	4.717E+02

SULFURE D'HYDROGENE

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Model Parameters

Lo : 150.00 m³ / Mg ***** User Mode Selection *****
 k : 0.0450 1/yr ***** User Mode Selection *****
 NMOC : 595.00 ppmv ***** User Mode Selection *****
 Methane : 50.0000 % volume
 Carbon Dioxide : 50.0000 % volume
 Air Pollutant : Hydrogen Sulfide
 Molecular Wt = 34.08 Concentration = 35.500000 ppmV

Landfill Parameters

Landfill type : No Co-Disposal
 Year Opened : 2006 Current Year : 2031 Closure Year: 2031
 Capacity : 884617 Mg
 Average Acceptance Rate Required from
 Current Year to Closure Year : 0.00 Mg/year

Model Results

Year	Refuse In Place (Mg)	Hydrogen Sulfide Emission Rate (Mg/yr)	Emission Rate (Cubic m/yr)
2007	3.956E+04	2.688E-02	1.896E+01
2008	7.690E+04	5.106E-02	3.602E+01
2009	1.120E+05	7.267E-02	5.127E+01
2010	1.471E+05	9.333E-02	6.584E+01
2011	1.823E+05	1.131E-01	7.977E+01
2012	2.174E+05	1.320E-01	9.309E+01
2013	2.525E+05	1.500E-01	1.058E+02
2014	2.876E+05	1.673E-01	1.180E+02
2015	3.227E+05	1.838E-01	1.296E+02
2016	3.578E+05	1.995E-01	1.408E+02
2017	3.930E+05	2.146E-01	1.514E+02
2018	4.281E+05	2.290E-01	1.616E+02
2019	4.632E+05	2.428E-01	1.713E+02
2020	4.983E+05	2.560E-01	1.806E+02
2021	5.334E+05	2.686E-01	1.895E+02
2022	5.686E+05	2.806E-01	1.980E+02
2023	6.037E+05	2.921E-01	2.061E+02
2024	6.388E+05	3.031E-01	2.138E+02
2025	6.739E+05	3.136E-01	2.213E+02
2026	7.090E+05	3.237E-01	2.284E+02
2027	7.441E+05	3.333E-01	2.351E+02
2028	7.793E+05	3.425E-01	2.416E+02
2029	8.144E+05	3.513E-01	2.478E+02
2030	8.495E+05	3.597E-01	2.537E+02
2031	8.846E+05	3.677E-01	2.594E+02
2032	8.846E+05	3.515E-01	2.480E+02
2033	8.846E+05	3.361E-01	2.371E+02
2034	8.846E+05	3.213E-01	2.267E+02
2035	8.846E+05	3.071E-01	2.167E+02

SULFURE D'HYDROGENE

2036	8.846E+05	2.936E-01	2.071E+02
2037	8.846E+05	2.807E-01	1.980E+02
2038	8.846E+05	2.684E-01	1.893E+02
2039	8.846E+05	2.565E-01	1.810E+02
2040	8.846E+05	2.453E-01	1.730E+02
2041	8.846E+05	2.345E-01	1.654E+02
2042	8.846E+05	2.241E-01	1.581E+02
2043	8.846E+05	2.143E-01	1.512E+02
2044	8.846E+05	2.049E-01	1.445E+02
2045	8.846E+05	1.958E-01	1.382E+02
2046	8.846E+05	1.872E-01	1.321E+02
2047	8.846E+05	1.790E-01	1.263E+02
2048	8.846E+05	1.711E-01	1.207E+02
2049	8.846E+05	1.636E-01	1.154E+02
2050	8.846E+05	1.564E-01	1.103E+02
2051	8.846E+05	1.495E-01	1.055E+02
2052	8.846E+05	1.429E-01	1.008E+02
2053	8.846E+05	1.366E-01	9.639E+01
2054	8.846E+05	1.306E-01	9.215E+01
2055	8.846E+05	1.249E-01	8.810E+01
2056	8.846E+05	1.194E-01	8.422E+01
2057	8.846E+05	1.141E-01	8.051E+01
2058	8.846E+05	1.091E-01	7.697E+01
2059	8.846E+05	1.043E-01	7.358E+01
2060	8.846E+05	9.971E-02	7.035E+01
2061	8.846E+05	9.533E-02	6.725E+01
2062	8.846E+05	9.113E-02	6.429E+01
2063	8.846E+05	8.712E-02	6.146E+01
2064	8.846E+05	8.329E-02	5.876E+01
2065	8.846E+05	7.962E-02	5.617E+01
2066	8.846E+05	7.612E-02	5.370E+01
2067	8.846E+05	7.277E-02	5.134E+01
2068	8.846E+05	6.957E-02	4.908E+01
2069	8.846E+05	6.651E-02	4.692E+01
2070	8.846E+05	6.358E-02	4.485E+01
2071	8.846E+05	6.078E-02	4.288E+01
2072	8.846E+05	5.811E-02	4.099E+01
2073	8.846E+05	5.555E-02	3.919E+01
2074	8.846E+05	5.311E-02	3.747E+01
2075	8.846E+05	5.077E-02	3.582E+01
2076	8.846E+05	4.854E-02	3.424E+01
2077	8.846E+05	4.640E-02	3.273E+01
2078	8.846E+05	4.436E-02	3.129E+01
2079	8.846E+05	4.241E-02	2.992E+01
2080	8.846E+05	4.054E-02	2.860E+01
2081	8.846E+05	3.876E-02	2.734E+01
2082	8.846E+05	3.705E-02	2.614E+01
2083	8.846E+05	3.542E-02	2.499E+01
2084	8.846E+05	3.386E-02	2.389E+01
2085	8.846E+05	3.237E-02	2.284E+01
2086	8.846E+05	3.095E-02	2.183E+01
2087	8.846E+05	2.959E-02	2.087E+01
2088	8.846E+05	2.828E-02	1.995E+01
2089	8.846E+05	2.704E-02	1.908E+01
2090	8.846E+05	2.585E-02	1.824E+01
2091	8.846E+05	2.471E-02	1.743E+01

SULFURE D'HYDROGENE

2092	8.846E+05	2.362E-02	1.667E+01
2093	8.846E+05	2.259E-02	1.593E+01
2094	8.846E+05	2.159E-02	1.523E+01
2095	8.846E+05	2.064E-02	1.456E+01
2096	8.846E+05	1.973E-02	1.392E+01
2097	8.846E+05	1.886E-02	1.331E+01
2098	8.846E+05	1.803E-02	1.272E+01
2099	8.846E+05	1.724E-02	1.216E+01
2100	8.846E+05	1.648E-02	1.163E+01
2101	8.846E+05	1.576E-02	1.112E+01
2102	8.846E+05	1.506E-02	1.063E+01
2103	8.846E+05	1.440E-02	1.016E+01
2104	8.846E+05	1.377E-02	9.713E+00
2105	8.846E+05	1.316E-02	9.285E+00
2106	8.846E+05	1.258E-02	8.877E+00
2107	8.846E+05	1.203E-02	8.486E+00
2108	8.846E+05	1.150E-02	8.113E+00
2109	8.846E+05	1.099E-02	7.756E+00
2110	8.846E+05	1.051E-02	7.414E+00
2111	8.846E+05	1.005E-02	7.088E+00
2112	8.846E+05	9.605E-03	6.776E+00
2113	8.846E+05	9.183E-03	6.478E+00
2114	8.846E+05	8.778E-03	6.193E+00
2115	8.846E+05	8.392E-03	5.920E+00
2116	8.846E+05	8.023E-03	5.660E+00
2117	8.846E+05	7.670E-03	5.411E+00
2118	8.846E+05	7.332E-03	5.173E+00
2119	8.846E+05	7.010E-03	4.945E+00
2120	8.846E+05	6.701E-03	4.728E+00
2121	8.846E+05	6.406E-03	4.520E+00
2122	8.846E+05	6.125E-03	4.321E+00
2123	8.846E+05	5.855E-03	4.131E+00
2124	8.846E+05	5.597E-03	3.949E+00
2125	8.846E+05	5.351E-03	3.775E+00
2126	8.846E+05	5.116E-03	3.609E+00
2127	8.846E+05	4.891E-03	3.450E+00
2128	8.846E+05	4.675E-03	3.298E+00
2129	8.846E+05	4.470E-03	3.153E+00
2130	8.846E+05	4.273E-03	3.014E+00
2131	8.846E+05	4.085E-03	2.882E+00
2132	8.846E+05	3.905E-03	2.755E+00
2133	8.846E+05	3.733E-03	2.634E+00
2134	8.846E+05	3.569E-03	2.518E+00
2135	8.846E+05	3.412E-03	2.407E+00
2136	8.846E+05	3.262E-03	2.301E+00
2137	8.846E+05	3.118E-03	2.200E+00
2138	8.846E+05	2.981E-03	2.103E+00
2139	8.846E+05	2.850E-03	2.011E+00
2140	8.846E+05	2.725E-03	1.922E+00
2141	8.846E+05	2.605E-03	1.838E+00
2142	8.846E+05	2.490E-03	1.757E+00
2143	8.846E+05	2.380E-03	1.679E+00
2144	8.846E+05	2.276E-03	1.605E+00
2145	8.846E+05	2.176E-03	1.535E+00
2146	8.846E+05	2.080E-03	1.467E+00
2147	8.846E+05	1.988E-03	1.403E+00

SULFURE D'HYDROGENE

2148	8.846E+05	1.901E-03	1.341E+00
2149	8.846E+05	1.817E-03	1.282E+00
2150	8.846E+05	1.737E-03	1.226E+00
2151	8.846E+05	1.661E-03	1.172E+00
2152	8.846E+05	1.588E-03	1.120E+00
2153	8.846E+05	1.518E-03	1.071E+00
2154	8.846E+05	1.451E-03	1.024E+00
2155	8.846E+05	1.387E-03	9.786E-01
2156	8.846E+05	1.326E-03	9.356E-01
2157	8.846E+05	1.268E-03	8.944E-01
2158	8.846E+05	1.212E-03	8.551E-01
2159	8.846E+05	1.159E-03	8.174E-01
2160	8.846E+05	1.108E-03	7.815E-01
2161	8.846E+05	1.059E-03	7.471E-01
2162	8.846E+05	1.012E-03	7.142E-01
2163	8.846E+05	9.678E-04	6.828E-01
2164	8.846E+05	9.252E-04	6.527E-01
2165	8.846E+05	8.845E-04	6.240E-01
2166	8.846E+05	8.456E-04	5.966E-01
2167	8.846E+05	8.084E-04	5.703E-01
2168	8.846E+05	7.728E-04	5.452E-01
2169	8.846E+05	7.388E-04	5.212E-01
2170	8.846E+05	7.063E-04	4.983E-01
2171	8.846E+05	6.752E-04	4.764E-01
2172	8.846E+05	6.455E-04	4.554E-01
2173	8.846E+05	6.171E-04	4.354E-01
2174	8.846E+05	5.900E-04	4.162E-01
2175	8.846E+05	5.640E-04	3.979E-01
2176	8.846E+05	5.392E-04	3.804E-01
2177	8.846E+05	5.155E-04	3.636E-01
2178	8.846E+05	4.928E-04	3.476E-01
2179	8.846E+05	4.711E-04	3.323E-01
2180	8.846E+05	4.504E-04	3.177E-01
2181	8.846E+05	4.305E-04	3.037E-01
2182	8.846E+05	4.116E-04	2.904E-01
2183	8.846E+05	3.935E-04	2.776E-01
2184	8.846E+05	3.762E-04	2.654E-01
2185	8.846E+05	3.596E-04	2.537E-01
2186	8.846E+05	3.438E-04	2.425E-01
2187	8.846E+05	3.287E-04	2.319E-01
2188	8.846E+05	3.142E-04	2.217E-01
2189	8.846E+05	3.004E-04	2.119E-01
2190	8.846E+05	2.872E-04	2.026E-01
2191	8.846E+05	2.745E-04	1.937E-01
2192	8.846E+05	2.624E-04	1.852E-01
2193	8.846E+05	2.509E-04	1.770E-01
2194	8.846E+05	2.399E-04	1.692E-01
2195	8.846E+05	2.293E-04	1.618E-01
2196	8.846E+05	2.192E-04	1.547E-01
2197	8.846E+05	2.096E-04	1.478E-01
2198	8.846E+05	2.003E-04	1.413E-01
2199	8.846E+05	1.915E-04	1.351E-01
2200	8.846E+05	1.831E-04	1.292E-01
2201	8.846E+05	1.750E-04	1.235E-01
2202	8.846E+05	1.673E-04	1.181E-01
2203	8.846E+05	1.600E-04	1.129E-01

SULFURE D'HYDROGENE

2204	8.846E+05	1.529E-04	1.079E-01
2205	8.846E+05	1.462E-04	1.031E-01
2206	8.846E+05	1.398E-04	9.861E-02
2207	8.846E+05	1.336E-04	9.427E-02
2208	8.846E+05	1.277E-04	9.012E-02
2209	8.846E+05	1.221E-04	8.616E-02
2210	8.846E+05	1.168E-04	8.237E-02
2211	8.846E+05	1.116E-04	7.874E-02
2212	8.846E+05	1.067E-04	7.528E-02
2213	8.846E+05	1.020E-04	7.196E-02
2214	8.846E+05	9.752E-05	6.880E-02
2215	8.846E+05	9.323E-05	6.577E-02
2216	8.846E+05	8.913E-05	6.288E-02
2217	8.846E+05	8.520E-05	6.011E-02
2218	8.846E+05	8.146E-05	5.746E-02
2219	8.846E+05	7.787E-05	5.494E-02
2220	8.846E+05	7.444E-05	5.252E-02
2221	8.846E+05	7.117E-05	5.021E-02
2222	8.846E+05	6.804E-05	4.800E-02
2223	8.846E+05	6.504E-05	4.589E-02
2224	8.846E+05	6.218E-05	4.387E-02
2225	8.846E+05	5.945E-05	4.194E-02
2226	8.846E+05	5.683E-05	4.009E-02
2227	8.846E+05	5.433E-05	3.833E-02
2228	8.846E+05	5.194E-05	3.664E-02
2229	8.846E+05	4.965E-05	3.503E-02
2230	8.846E+05	4.747E-05	3.349E-02

SULFURE DE DIMETHYL

Source: C:\PROGRA~1\LANDGEM\30098R~1\30098RIG.PRM

Model Parameters

Lo : 150.00 m³ / Mg ***** User Mode Selection *****
 k : 0.0450 1/yr ***** User Mode Selection *****
 NMOC : 595.00 ppmv ***** User Mode Selection *****
 Methane : 50.0000 % volume
 Carbon Dioxide : 50.0000 % volume
 Air Pollutant : Dimethyl Sulfide (VOC)
 Molecular Wt = 62.13 Concentration = 7.820000 ppmV

Landfill Parameters

Landfill type : No Co-Disposal
 Year Opened : 2006 Current Year : 2031 Closure Year: 2031
 Capacity : 884617 Mg
 Average Acceptance Rate Required from
 Current Year to Closure Year : 0.00 Mg/year

Model Results

Year	Refuse In Place (Mg)	Dimethyl Sulfide (VOC) Emission Rate (Mg/yr)	Dimethyl Sulfide (VOC) Emission Rate (Cubic m/yr)
2007	3.956E+04	1.079E-02	4.177E+00
2008	7.690E+04	2.050E-02	7.935E+00
2009	1.120E+05	2.918E-02	1.129E+01
2010	1.471E+05	3.748E-02	1.450E+01
2011	1.823E+05	4.541E-02	1.757E+01
2012	2.174E+05	5.299E-02	2.051E+01
2013	2.525E+05	6.024E-02	2.331E+01
2014	2.876E+05	6.717E-02	2.599E+01
2015	3.227E+05	7.380E-02	2.856E+01
2016	3.578E+05	8.013E-02	3.101E+01
2017	3.930E+05	8.618E-02	3.335E+01
2018	4.281E+05	9.197E-02	3.559E+01
2019	4.632E+05	9.751E-02	3.773E+01
2020	4.983E+05	1.028E-01	3.978E+01
2021	5.334E+05	1.079E-01	4.174E+01
2022	5.686E+05	1.127E-01	4.361E+01
2023	6.037E+05	1.173E-01	4.540E+01
2024	6.388E+05	1.217E-01	4.711E+01
2025	6.739E+05	1.260E-01	4.874E+01
2026	7.090E+05	1.300E-01	5.030E+01
2027	7.441E+05	1.339E-01	5.180E+01
2028	7.793E+05	1.375E-01	5.323E+01
2029	8.144E+05	1.411E-01	5.459E+01
2030	8.495E+05	1.444E-01	5.590E+01
2031	8.846E+05	1.477E-01	5.714E+01
2032	8.846E+05	1.412E-01	5.463E+01
2033	8.846E+05	1.350E-01	5.223E+01
2034	8.846E+05	1.290E-01	4.993E+01
2035	8.846E+05	1.233E-01	4.773E+01

SULFURE DE DIMETHYL

2036	8.846E+05	1.179E-01	4.563E+01
2037	8.846E+05	1.127E-01	4.362E+01
2038	8.846E+05	1.078E-01	4.170E+01
2039	8.846E+05	1.030E-01	3.987E+01
2040	8.846E+05	9.849E-02	3.811E+01
2041	8.846E+05	9.416E-02	3.644E+01
2042	8.846E+05	9.001E-02	3.483E+01
2043	8.846E+05	8.605E-02	3.330E+01
2044	8.846E+05	8.227E-02	3.184E+01
2045	8.846E+05	7.865E-02	3.043E+01
2046	8.846E+05	7.519E-02	2.910E+01
2047	8.846E+05	7.188E-02	2.781E+01
2048	8.846E+05	6.872E-02	2.659E+01
2049	8.846E+05	6.569E-02	2.542E+01
2050	8.846E+05	6.280E-02	2.430E+01
2051	8.846E+05	6.004E-02	2.323E+01
2052	8.846E+05	5.740E-02	2.221E+01
2053	8.846E+05	5.487E-02	2.123E+01
2054	8.846E+05	5.246E-02	2.030E+01
2055	8.846E+05	5.015E-02	1.941E+01
2056	8.846E+05	4.794E-02	1.855E+01
2057	8.846E+05	4.583E-02	1.774E+01
2058	8.846E+05	4.381E-02	1.696E+01
2059	8.846E+05	4.189E-02	1.621E+01
2060	8.846E+05	4.004E-02	1.550E+01
2061	8.846E+05	3.828E-02	1.481E+01
2062	8.846E+05	3.660E-02	1.416E+01
2063	8.846E+05	3.499E-02	1.354E+01
2064	8.846E+05	3.345E-02	1.294E+01
2065	8.846E+05	3.198E-02	1.237E+01
2066	8.846E+05	3.057E-02	1.183E+01
2067	8.846E+05	2.922E-02	1.131E+01
2068	8.846E+05	2.794E-02	1.081E+01
2069	8.846E+05	2.671E-02	1.034E+01
2070	8.846E+05	2.553E-02	9.881E+00
2071	8.846E+05	2.441E-02	9.446E+00
2072	8.846E+05	2.334E-02	9.030E+00
2073	8.846E+05	2.231E-02	8.633E+00
2074	8.846E+05	2.133E-02	8.253E+00
2075	8.846E+05	2.039E-02	7.890E+00
2076	8.846E+05	1.949E-02	7.543E+00
2077	8.846E+05	1.863E-02	7.211E+00
2078	8.846E+05	1.781E-02	6.893E+00
2079	8.846E+05	1.703E-02	6.590E+00
2080	8.846E+05	1.628E-02	6.300E+00
2081	8.846E+05	1.556E-02	6.023E+00
2082	8.846E+05	1.488E-02	5.758E+00
2083	8.846E+05	1.422E-02	5.505E+00
2084	8.846E+05	1.360E-02	5.262E+00
2085	8.846E+05	1.300E-02	5.031E+00
2086	8.846E+05	1.243E-02	4.809E+00
2087	8.846E+05	1.188E-02	4.598E+00
2088	8.846E+05	1.136E-02	4.395E+00
2089	8.846E+05	1.086E-02	4.202E+00
2090	8.846E+05	1.038E-02	4.017E+00
2091	8.846E+05	9.924E-03	3.840E+00

SULFURE DE DIMETHYL

2092	8.846E+05	9.487E-03	3.671E+00
2093	8.846E+05	9.070E-03	3.510E+00
2094	8.846E+05	8.671E-03	3.355E+00
2095	8.846E+05	8.289E-03	3.208E+00
2096	8.846E+05	7.925E-03	3.067E+00
2097	8.846E+05	7.576E-03	2.932E+00
2098	8.846E+05	7.243E-03	2.803E+00
2099	8.846E+05	6.924E-03	2.679E+00
2100	8.846E+05	6.619E-03	2.561E+00
2101	8.846E+05	6.328E-03	2.449E+00
2102	8.846E+05	6.049E-03	2.341E+00
2103	8.846E+05	5.783E-03	2.238E+00
2104	8.846E+05	5.529E-03	2.139E+00
2105	8.846E+05	5.286E-03	2.045E+00
2106	8.846E+05	5.053E-03	1.955E+00
2107	8.846E+05	4.831E-03	1.869E+00
2108	8.846E+05	4.618E-03	1.787E+00
2109	8.846E+05	4.415E-03	1.708E+00
2110	8.846E+05	4.221E-03	1.633E+00
2111	8.846E+05	4.035E-03	1.561E+00
2112	8.846E+05	3.857E-03	1.493E+00
2113	8.846E+05	3.688E-03	1.427E+00
2114	8.846E+05	3.525E-03	1.364E+00
2115	8.846E+05	3.370E-03	1.304E+00
2116	8.846E+05	3.222E-03	1.247E+00
2117	8.846E+05	3.080E-03	1.192E+00
2118	8.846E+05	2.945E-03	1.139E+00
2119	8.846E+05	2.815E-03	1.089E+00
2120	8.846E+05	2.691E-03	1.041E+00
2121	8.846E+05	2.573E-03	9.956E-01
2122	8.846E+05	2.460E-03	9.518E-01
2123	8.846E+05	2.351E-03	9.099E-01
2124	8.846E+05	2.248E-03	8.699E-01
2125	8.846E+05	2.149E-03	8.316E-01
2126	8.846E+05	2.054E-03	7.950E-01
2127	8.846E+05	1.964E-03	7.600E-01
2128	8.846E+05	1.878E-03	7.266E-01
2129	8.846E+05	1.795E-03	6.946E-01
2130	8.846E+05	1.716E-03	6.640E-01
2131	8.846E+05	1.640E-03	6.348E-01
2132	8.846E+05	1.568E-03	6.069E-01
2133	8.846E+05	1.499E-03	5.802E-01
2134	8.846E+05	1.433E-03	5.546E-01
2135	8.846E+05	1.370E-03	5.302E-01
2136	8.846E+05	1.310E-03	5.069E-01
2137	8.846E+05	1.252E-03	4.846E-01
2138	8.846E+05	1.197E-03	4.633E-01
2139	8.846E+05	1.145E-03	4.429E-01
2140	8.846E+05	1.094E-03	4.234E-01
2141	8.846E+05	1.046E-03	4.048E-01
2142	8.846E+05	1.000E-03	3.870E-01
2143	8.846E+05	9.560E-04	3.699E-01
2144	8.846E+05	9.139E-04	3.537E-01
2145	8.846E+05	8.737E-04	3.381E-01
2146	8.846E+05	8.352E-04	3.232E-01
2147	8.846E+05	7.985E-04	3.090E-01

SULFURE DE DIMETHYL

2148	8.846E+05	7.634E-04	2.954E-01
2149	8.846E+05	7.298E-04	2.824E-01
2150	8.846E+05	6.977E-04	2.700E-01
2151	8.846E+05	6.670E-04	2.581E-01
2152	8.846E+05	6.376E-04	2.467E-01
2153	8.846E+05	6.096E-04	2.359E-01
2154	8.846E+05	5.827E-04	2.255E-01
2155	8.846E+05	5.571E-04	2.156E-01
2156	8.846E+05	5.326E-04	2.061E-01
2157	8.846E+05	5.091E-04	1.970E-01
2158	8.846E+05	4.867E-04	1.884E-01
2159	8.846E+05	4.653E-04	1.801E-01
2160	8.846E+05	4.448E-04	1.721E-01
2161	8.846E+05	4.253E-04	1.646E-01
2162	8.846E+05	4.066E-04	1.573E-01
2163	8.846E+05	3.887E-04	1.504E-01
2164	8.846E+05	3.716E-04	1.438E-01
2165	8.846E+05	3.552E-04	1.375E-01
2166	8.846E+05	3.396E-04	1.314E-01
2167	8.846E+05	3.246E-04	1.256E-01
2168	8.846E+05	3.104E-04	1.201E-01
2169	8.846E+05	2.967E-04	1.148E-01
2170	8.846E+05	2.836E-04	1.098E-01
2171	8.846E+05	2.712E-04	1.049E-01
2172	8.846E+05	2.592E-04	1.003E-01
2173	8.846E+05	2.478E-04	9.590E-02
2174	8.846E+05	2.369E-04	9.168E-02
2175	8.846E+05	2.265E-04	8.765E-02
2176	8.846E+05	2.165E-04	8.379E-02
2177	8.846E+05	2.070E-04	8.010E-02
2178	8.846E+05	1.979E-04	7.658E-02
2179	8.846E+05	1.892E-04	7.321E-02
2180	8.846E+05	1.809E-04	6.999E-02
2181	8.846E+05	1.729E-04	6.691E-02
2182	8.846E+05	1.653E-04	6.396E-02
2183	8.846E+05	1.580E-04	6.115E-02
2184	8.846E+05	1.511E-04	5.846E-02
2185	8.846E+05	1.444E-04	5.589E-02
2186	8.846E+05	1.381E-04	5.343E-02
2187	8.846E+05	1.320E-04	5.108E-02
2188	8.846E+05	1.262E-04	4.883E-02
2189	8.846E+05	1.206E-04	4.668E-02
2190	8.846E+05	1.153E-04	4.463E-02
2191	8.846E+05	1.102E-04	4.266E-02
2192	8.846E+05	1.054E-04	4.079E-02
2193	8.846E+05	1.008E-04	3.899E-02
2194	8.846E+05	9.632E-05	3.728E-02
2195	8.846E+05	9.209E-05	3.563E-02
2196	8.846E+05	8.803E-05	3.407E-02
2197	8.846E+05	8.416E-05	3.257E-02
2198	8.846E+05	8.046E-05	3.113E-02
2199	8.846E+05	7.692E-05	2.976E-02
2200	8.846E+05	7.353E-05	2.846E-02
2201	8.846E+05	7.030E-05	2.720E-02
2202	8.846E+05	6.720E-05	2.601E-02
2203	8.846E+05	6.425E-05	2.486E-02

SULFURE DE DIMETHYL

2204	8.846E+05	6.142E-05	2.377E-02
2205	8.846E+05	5.872E-05	2.272E-02
2206	8.846E+05	5.613E-05	2.172E-02
2207	8.846E+05	5.366E-05	2.077E-02
2208	8.846E+05	5.130E-05	1.985E-02
2209	8.846E+05	4.904E-05	1.898E-02
2210	8.846E+05	4.689E-05	1.814E-02
2211	8.846E+05	4.482E-05	1.735E-02
2212	8.846E+05	4.285E-05	1.658E-02
2213	8.846E+05	4.097E-05	1.585E-02
2214	8.846E+05	3.916E-05	1.515E-02
2215	8.846E+05	3.744E-05	1.449E-02
2216	8.846E+05	3.579E-05	1.385E-02
2217	8.846E+05	3.422E-05	1.324E-02
2218	8.846E+05	3.271E-05	1.266E-02
2219	8.846E+05	3.127E-05	1.210E-02
2220	8.846E+05	2.990E-05	1.157E-02
2221	8.846E+05	2.858E-05	1.106E-02
2222	8.846E+05	2.732E-05	1.057E-02
2223	8.846E+05	2.612E-05	1.011E-02
2224	8.846E+05	2.497E-05	9.663E-03
2225	8.846E+05	2.387E-05	9.238E-03
2226	8.846E+05	2.282E-05	8.831E-03
2227	8.846E+05	2.182E-05	8.443E-03
2228	8.846E+05	2.086E-05	8.071E-03
2229	8.846E+05	1.994E-05	7.716E-03
2230	8.846E+05	1.906E-05	7.377E-03

METHYL MERCAPTAN

Source: C:\PROGRA~1\LANDGEM\30098R~1\30098RIG.PRM

Model Parameters

Lo : 150.00 m³ / Mg ***** User Mode Selection *****
 k : 0.0450 1/yr ***** User Mode Selection *****
 NMOC : 595.00 ppmv ***** User Mode Selection *****
 Methane : 50.0000 % volume
 Carbon Dioxide : 50.0000 % volume
 Air Pollutant : Methyl Mercaptan (VOC)
 Molecular Wt = 48.11 Concentration = 2.490000 ppmV

Landfill Parameters

Landfill type : No Co-Disposal
 Year Opened : 2006 Current Year : 2031 Closure Year: 2031
 Capacity : 884617 Mg
 Average Acceptance Rate Required from
 Current Year to Closure Year : 0.00 Mg/year

Model Results

Year	Refuse In Place (Mg)	Methyl Mercaptan (VOC) Emission Rate (Mg/yr)	(Cubic m/yr)
2007	3.956E+04	2.661E-03	1.330E+00
2008	7.690E+04	5.056E-03	2.527E+00
2009	1.120E+05	7.195E-03	3.596E+00
2010	1.471E+05	9.241E-03	4.618E+00
2011	1.823E+05	1.120E-02	5.595E+00
2012	2.174E+05	1.307E-02	6.530E+00
2013	2.525E+05	1.485E-02	7.423E+00
2014	2.876E+05	1.656E-02	8.277E+00
2015	3.227E+05	1.820E-02	9.093E+00
2016	3.578E+05	1.976E-02	9.873E+00
2017	3.930E+05	2.125E-02	1.062E+01
2018	4.281E+05	2.268E-02	1.133E+01
2019	4.632E+05	2.404E-02	1.201E+01
2020	4.983E+05	2.535E-02	1.267E+01
2021	5.334E+05	2.659E-02	1.329E+01
2022	5.686E+05	2.778E-02	1.389E+01
2023	6.037E+05	2.892E-02	1.445E+01
2024	6.388E+05	3.001E-02	1.500E+01
2025	6.739E+05	3.106E-02	1.552E+01
2026	7.090E+05	3.205E-02	1.602E+01
2027	7.441E+05	3.300E-02	1.649E+01
2028	7.793E+05	3.391E-02	1.695E+01
2029	8.144E+05	3.478E-02	1.738E+01
2030	8.495E+05	3.561E-02	1.780E+01
2031	8.846E+05	3.641E-02	1.820E+01
2032	8.846E+05	3.481E-02	1.739E+01
2033	8.846E+05	3.328E-02	1.663E+01
2034	8.846E+05	3.181E-02	1.590E+01
2035	8.846E+05	3.041E-02	1.520E+01

METHYL MERCAPTAN

2036	8.846E+05	2.907E-02	1.453E+01
2037	8.846E+05	2.779E-02	1.389E+01
2038	8.846E+05	2.657E-02	1.328E+01
2039	8.846E+05	2.540E-02	1.269E+01
2040	8.846E+05	2.428E-02	1.214E+01
2041	8.846E+05	2.322E-02	1.160E+01
2042	8.846E+05	2.219E-02	1.109E+01
2043	8.846E+05	2.122E-02	1.060E+01
2044	8.846E+05	2.028E-02	1.014E+01
2045	8.846E+05	1.939E-02	9.691E+00
2046	8.846E+05	1.854E-02	9.264E+00
2047	8.846E+05	1.772E-02	8.857E+00
2048	8.846E+05	1.694E-02	8.467E+00
2049	8.846E+05	1.620E-02	8.094E+00
2050	8.846E+05	1.548E-02	7.738E+00
2051	8.846E+05	1.480E-02	7.398E+00
2052	8.846E+05	1.415E-02	7.072E+00
2053	8.846E+05	1.353E-02	6.761E+00
2054	8.846E+05	1.293E-02	6.463E+00
2055	8.846E+05	1.236E-02	6.179E+00
2056	8.846E+05	1.182E-02	5.907E+00
2057	8.846E+05	1.130E-02	5.647E+00
2058	8.846E+05	1.080E-02	5.399E+00
2059	8.846E+05	1.033E-02	5.161E+00
2060	8.846E+05	9.873E-03	4.934E+00
2061	8.846E+05	9.439E-03	4.717E+00
2062	8.846E+05	9.023E-03	4.509E+00
2063	8.846E+05	8.626E-03	4.311E+00
2064	8.846E+05	8.247E-03	4.121E+00
2065	8.846E+05	7.884E-03	3.940E+00
2066	8.846E+05	7.537E-03	3.767E+00
2067	8.846E+05	7.205E-03	3.601E+00
2068	8.846E+05	6.888E-03	3.442E+00
2069	8.846E+05	6.585E-03	3.291E+00
2070	8.846E+05	6.295E-03	3.146E+00
2071	8.846E+05	6.018E-03	3.008E+00
2072	8.846E+05	5.754E-03	2.875E+00
2073	8.846E+05	5.500E-03	2.749E+00
2074	8.846E+05	5.258E-03	2.628E+00
2075	8.846E+05	5.027E-03	2.512E+00
2076	8.846E+05	4.806E-03	2.402E+00
2077	8.846E+05	4.594E-03	2.296E+00
2078	8.846E+05	4.392E-03	2.195E+00
2079	8.846E+05	4.199E-03	2.098E+00
2080	8.846E+05	4.014E-03	2.006E+00
2081	8.846E+05	3.838E-03	1.918E+00
2082	8.846E+05	3.669E-03	1.833E+00
2083	8.846E+05	3.507E-03	1.753E+00
2084	8.846E+05	3.353E-03	1.676E+00
2085	8.846E+05	3.205E-03	1.602E+00
2086	8.846E+05	3.064E-03	1.531E+00
2087	8.846E+05	2.929E-03	1.464E+00
2088	8.846E+05	2.801E-03	1.400E+00
2089	8.846E+05	2.677E-03	1.338E+00
2090	8.846E+05	2.560E-03	1.279E+00
2091	8.846E+05	2.447E-03	1.223E+00

METHYL MERCAPTAN

2092	8.846E+05	2.339E-03	1.169E+00
2093	8.846E+05	2.236E-03	1.118E+00
2094	8.846E+05	2.138E-03	1.068E+00
2095	8.846E+05	2.044E-03	1.021E+00
2096	8.846E+05	1.954E-03	9.764E-01
2097	8.846E+05	1.868E-03	9.335E-01
2098	8.846E+05	1.786E-03	8.924E-01
2099	8.846E+05	1.707E-03	8.531E-01
2100	8.846E+05	1.632E-03	8.156E-01
2101	8.846E+05	1.560E-03	7.797E-01
2102	8.846E+05	1.492E-03	7.454E-01
2103	8.846E+05	1.426E-03	7.126E-01
2104	8.846E+05	1.363E-03	6.812E-01
2105	8.846E+05	1.303E-03	6.513E-01
2106	8.846E+05	1.246E-03	6.226E-01
2107	8.846E+05	1.191E-03	5.952E-01
2108	8.846E+05	1.139E-03	5.690E-01
2109	8.846E+05	1.089E-03	5.440E-01
2110	8.846E+05	1.041E-03	5.200E-01
2111	8.846E+05	9.948E-04	4.972E-01
2112	8.846E+05	9.511E-04	4.753E-01
2113	8.846E+05	9.092E-04	4.544E-01
2114	8.846E+05	8.692E-04	4.344E-01
2115	8.846E+05	8.310E-04	4.153E-01
2116	8.846E+05	7.944E-04	3.970E-01
2117	8.846E+05	7.594E-04	3.795E-01
2118	8.846E+05	7.260E-04	3.628E-01
2119	8.846E+05	6.941E-04	3.469E-01
2120	8.846E+05	6.635E-04	3.316E-01
2121	8.846E+05	6.343E-04	3.170E-01
2122	8.846E+05	6.064E-04	3.031E-01
2123	8.846E+05	5.797E-04	2.897E-01
2124	8.846E+05	5.542E-04	2.770E-01
2125	8.846E+05	5.298E-04	2.648E-01
2126	8.846E+05	5.065E-04	2.531E-01
2127	8.846E+05	4.842E-04	2.420E-01
2128	8.846E+05	4.629E-04	2.313E-01
2129	8.846E+05	4.426E-04	2.212E-01
2130	8.846E+05	4.231E-04	2.114E-01
2131	8.846E+05	4.045E-04	2.021E-01
2132	8.846E+05	3.867E-04	1.932E-01
2133	8.846E+05	3.697E-04	1.847E-01
2134	8.846E+05	3.534E-04	1.766E-01
2135	8.846E+05	3.378E-04	1.688E-01
2136	8.846E+05	3.230E-04	1.614E-01
2137	8.846E+05	3.088E-04	1.543E-01
2138	8.846E+05	2.952E-04	1.475E-01
2139	8.846E+05	2.822E-04	1.410E-01
2140	8.846E+05	2.698E-04	1.348E-01
2141	8.846E+05	2.579E-04	1.289E-01
2142	8.846E+05	2.466E-04	1.232E-01
2143	8.846E+05	2.357E-04	1.178E-01
2144	8.846E+05	2.253E-04	1.126E-01
2145	8.846E+05	2.154E-04	1.077E-01
2146	8.846E+05	2.059E-04	1.029E-01
2147	8.846E+05	1.969E-04	9.839E-02

METHYL MERCAPTAN

2148	8.846E+05	1.882E-04	9.406E-02
2149	8.846E+05	1.799E-04	8.992E-02
2150	8.846E+05	1.720E-04	8.596E-02
2151	8.846E+05	1.644E-04	8.218E-02
2152	8.846E+05	1.572E-04	7.856E-02
2153	8.846E+05	1.503E-04	7.511E-02
2154	8.846E+05	1.437E-04	7.180E-02
2155	8.846E+05	1.374E-04	6.864E-02
2156	8.846E+05	1.313E-04	6.562E-02
2157	8.846E+05	1.255E-04	6.274E-02
2158	8.846E+05	1.200E-04	5.997E-02
2159	8.846E+05	1.147E-04	5.734E-02
2160	8.846E+05	1.097E-04	5.481E-02
2161	8.846E+05	1.049E-04	5.240E-02
2162	8.846E+05	1.002E-04	5.010E-02
2163	8.846E+05	9.583E-05	4.789E-02
2164	8.846E+05	9.161E-05	4.578E-02
2165	8.846E+05	8.758E-05	4.377E-02
2166	8.846E+05	8.373E-05	4.184E-02
2167	8.846E+05	8.004E-05	4.000E-02
2168	8.846E+05	7.652E-05	3.824E-02
2169	8.846E+05	7.316E-05	3.656E-02
2170	8.846E+05	6.994E-05	3.495E-02
2171	8.846E+05	6.686E-05	3.341E-02
2172	8.846E+05	6.392E-05	3.194E-02
2173	8.846E+05	6.110E-05	3.054E-02
2174	8.846E+05	5.842E-05	2.919E-02
2175	8.846E+05	5.585E-05	2.791E-02
2176	8.846E+05	5.339E-05	2.668E-02
2177	8.846E+05	5.104E-05	2.551E-02
2178	8.846E+05	4.879E-05	2.438E-02
2179	8.846E+05	4.665E-05	2.331E-02
2180	8.846E+05	4.459E-05	2.229E-02
2181	8.846E+05	4.263E-05	2.130E-02
2182	8.846E+05	4.076E-05	2.037E-02
2183	8.846E+05	3.896E-05	1.947E-02
2184	8.846E+05	3.725E-05	1.861E-02
2185	8.846E+05	3.561E-05	1.780E-02
2186	8.846E+05	3.404E-05	1.701E-02
2187	8.846E+05	3.254E-05	1.626E-02
2188	8.846E+05	3.111E-05	1.555E-02
2189	8.846E+05	2.974E-05	1.486E-02
2190	8.846E+05	2.843E-05	1.421E-02
2191	8.846E+05	2.718E-05	1.358E-02
2192	8.846E+05	2.599E-05	1.299E-02
2193	8.846E+05	2.484E-05	1.242E-02
2194	8.846E+05	2.375E-05	1.187E-02
2195	8.846E+05	2.270E-05	1.135E-02
2196	8.846E+05	2.171E-05	1.085E-02
2197	8.846E+05	2.075E-05	1.037E-02
2198	8.846E+05	1.984E-05	9.914E-03
2199	8.846E+05	1.896E-05	9.478E-03
2200	8.846E+05	1.813E-05	9.060E-03
2201	8.846E+05	1.733E-05	8.662E-03
2202	8.846E+05	1.657E-05	8.281E-03
2203	8.846E+05	1.584E-05	7.916E-03

METHYL MERCAPTAN

2204	8.846E+05	1.514E-05	7.568E-03
2205	8.846E+05	1.448E-05	7.235E-03
2206	8.846E+05	1.384E-05	6.917E-03
2207	8.846E+05	1.323E-05	6.612E-03
2208	8.846E+05	1.265E-05	6.321E-03
2209	8.846E+05	1.209E-05	6.043E-03
2210	8.846E+05	1.156E-05	5.777E-03
2211	8.846E+05	1.105E-05	5.523E-03
2212	8.846E+05	1.057E-05	5.280E-03
2213	8.846E+05	1.010E-05	5.048E-03
2214	8.846E+05	9.656E-06	4.826E-03
2215	8.846E+05	9.231E-06	4.613E-03
2216	8.846E+05	8.825E-06	4.410E-03
2217	8.846E+05	8.437E-06	4.216E-03
2218	8.846E+05	8.065E-06	4.031E-03
2219	8.846E+05	7.711E-06	3.853E-03
2220	8.846E+05	7.371E-06	3.684E-03
2221	8.846E+05	7.047E-06	3.522E-03
2222	8.846E+05	6.737E-06	3.367E-03
2223	8.846E+05	6.440E-06	3.219E-03
2224	8.846E+05	6.157E-06	3.077E-03
2225	8.846E+05	5.886E-06	2.942E-03
2226	8.846E+05	5.627E-06	2.812E-03
2227	8.846E+05	5.379E-06	2.688E-03
2228	8.846E+05	5.143E-06	2.570E-03
2229	8.846E+05	4.916E-06	2.457E-03
2230	8.846E+05	4.700E-06	2.349E-03