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May 23, 2012
File No. 25211373.07

Ms. Ann Bekta
Wisconsin Department of Natural Resources
2514 Morse Street
Janesville, WI 53545-0249

Subject: Plan Modification and Feasibility Approval Modification
Maximum Intermediate Waste Filling Grades
Dane County Landfill No. 2 (Rodefeld)
Madison, Wisconsin

Dear Ms. Bekta:

On behalf of Dane County, we are submitting this request for modification of the Dane County Landfill No. 2 Feasibility and Plan of Operation approvals. The proposed modification of the Feasibility Report and Plan of Operation approvals is to allow maximum intermediate waste filling grades that are slightly higher than the approved final waste grades in areas of the landfill that have not received final cover.

The purpose of this modification is to provide for more efficient waste placement by allowing for settlement of the waste after placement and before final cover construction. The filling will take advantage of expected future settlement of waste. This modification does not change the final waste grades, the permitted capacity, or the closure sequencing for the landfill.

PROPOSED MODIFICATION

With this Plan Modification, we are requesting approval for the maximum intermediate waste grades that are 5 percent higher than the final waste grades, when compared to the total depth of waste at a given location (refer to **Table 1**, **Figure 1**, and **Figure 2**). Final waste grades are unchanged from those shown in the approved Plan of Operation plan set dated November 1993 and approved Plan of Operation Approval for Landfill Expansion dated March 1994.

In areas where Dane County has already placed intermediate cover, we are requesting approval to strip the intermediate cover to place additional waste. To do this, we are requesting an exemption to NR 514.07 (3) (b), which states that additional waste cannot be placed in areas that have reached final waste elevations and have received intermediate cover.

Prior to placement of final cover in a given area, waste grades will be surveyed and regraded as necessary to accommodate placement of the composite cover to the approved final grades. It is expected that the overfill quantity will settle to final waste grades within a 2-year period. Excess materials will be relocated to the active area or hauled off site to a licensed disposal facility.

At no time during the operating life of the landfill will the waste volume exceed the permitted capacity. This filling approach has already been approved for similar Wisconsin landfills.

JUSTIFICATION

As noted above, this filling approach provides for more efficient waste placement by allowing for settlement of the waste after placement and before final cover construction. If waste can only be placed up to the final waste grades, then settlement that inevitably occurs prior to final cover construction lowers the top-of-waste surface below the approved grades, resulting in lost airspace.

Leachate recirculation and the addition of liquids to the waste mass accelerate decomposition and settlement. Settlement below approved final grades presents problems with landfill gas collection systems, and final cover increments designed using approved final grades. Additional airspace is lost when filling up to a final cover tie-in that has settled below permitted final grades. Pipe slopes decrease as a landfill settles increasing the likelihood that water will collect in the pipe. These problems can be alleviated by increasing the initial slope and allowing it to settle back to the design grades.

We understand that a Feasibility approval modification is needed, in addition to a Plan of Operation modification, because this filling approach was not described in the Feasibility Report. The proposed modification does not conflict with any of the conditions of the feasibility determination, which was issued by the WDNR on August 17, 1993.

The proposed additional waste height of 5 percent of the total waste depth is based on guidelines by WDNR and the value that has been approved for other Wisconsin sites, based on settlement that has been documented.

The design capacity of the landfill in cubic yards will be unchanged because the final waste grades will be unchanged.

We understand that as part of the Feasibility approval modification process, the WDNR will need to prepare a brief Environmental Assessment evaluating the impacts of the change in filling approach. Because this change does not affect the landfill capacity or the cap installation timing, we do not believe there will be any significant negative environmental impacts associated with the change. Potential benefits include minor reductions in equipment emissions related to increased efficiency, reduced problems with the gas collection system and final cover system associated with excessive settlement, and more efficient use of existing landfill airspace.

If you have any questions concerning the requested Plan of Operation and Feasibility approval modifications, please contact one of us at (608) 224-2830.

Sincerely,

Christopher Jimieson, PE
Project Manager
SCS BT SQUARED

Sherren Clark, PE, PG
Project Director/Vice President
SCS BT SQUARED

Attachments: Table 1 – Maximum Intermediate Waste Elevations with 5% Overfill
Figure 1 – Maximum Intermediate Waste Grades
Figure 2 – Maximum Intermediate Waste Grades Point Locations

cc: Robert Regan, Dane County

LAB/PEG/lmh/CJ/SC

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Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
1	82475	198925	889.15	890.03	0.88	0.92	890.07
2	82475	198975	888.47	891.04	2.57	2.70	891.17
3	82475	199075	889.50	894.85	5.35	5.61	895.12
4	82475	199125	883.99	900.49	16.50	17.32	901.32
5	82475	199175	879.29	904.46	25.17	26.43	905.72
6	82475	199225	877.00	905.55	28.55	29.97	906.97
7	82475	199275	877.00	905.34	28.34	29.76	906.76
8	82475	199325	877.00	905.31	28.31	29.72	906.72
9	82475	199375	877.00	905.27	28.27	29.69	906.69
10	82475	199425	877.00	905.24	28.24	29.65	906.65
11	82425	198225	884.24	887.91	3.67	3.85	888.10
12	82425	198275	883.30	888.88	5.58	5.86	889.16
13	82425	198325	882.40	889.91	7.51	7.89	890.29
14	82425	198375	881.50	890.96	9.45	9.93	891.43
15	82425	198425	880.66	892.01	11.35	11.92	892.58
16	82425	198475	879.79	893.06	13.28	13.94	893.73
17	82425	198525	879.31	894.12	14.81	15.55	894.86
18	82425	198575	878.31	895.17	16.86	17.71	896.01
19	82425	198625	878.31	896.22	17.92	18.81	897.12
20	82425	198675	879.31	897.28	17.97	18.87	898.18
21	82425	198725	879.31	898.33	19.02	19.97	899.28
22	82425	198775	878.31	899.39	21.08	22.13	900.44
23	82425	198825	878.31	900.44	22.13	23.24	901.55
24	82425	198875	879.39	901.49	22.10	23.20	902.60
25	82425	198925	880.69	902.37	21.69	22.77	903.46
26	82425	198975	893.12	903.20	10.07	10.58	903.70
27	82425	199025	884.59	904.06	19.47	20.44	905.04
28	82425	199075	877.00	906.44	29.44	30.91	907.91
29	82425	199125	877.00	911.23	34.23	35.94	912.94
30	82425	199175	877.00	916.28	39.28	41.24	918.24
31	82425	199225	877.00	918.94	41.94	44.03	921.03
32	82425	199275	877.00	919.02	42.02	44.12	921.12
33	82425	199325	877.00	918.92	41.92	44.02	921.02
34	82425	199375	877.00	918.83	41.83	43.92	920.92
35	82425	199425	877.00	918.73	41.73	43.82	920.82
36	82375	198175	879.13	892.81	13.69	14.37	893.50
37	82375	198225	879.11	899.76	20.65	21.68	900.80
38	82375	198275	880.00	901.36	21.35	22.42	902.42
39	82375	198325	880.02	902.37	22.35	23.47	903.49
40	82375	198375	879.11	903.41	24.30	25.51	904.63
41	82375	198425	879.10	904.47	25.36	26.63	905.73
42	82375	198475	879.92	905.52	25.60	26.88	906.80
43	82375	198525	879.81	906.57	26.76	28.10	907.91
44	82375	198575	878.81	907.63	28.82	30.26	909.07
45	82375	198625	878.81	908.68	29.87	31.37	910.17
46	82375	198675	879.81	909.73	29.93	31.42	911.23
47	82375	198725	879.81	910.79	30.98	32.53	912.34
48	82375	198775	878.81	911.84	33.03	34.68	913.49
49	82375	198825	878.81	912.90	34.09	35.79	914.60
50	82375	198875	879.91	913.87	33.97	35.66	915.57
51	82375	198925	883.50	914.70	31.20	32.75	916.26
52	82375	198975	892.46	915.56	23.09	24.25	916.71
53	82375	199025	877.00	916.45	39.45	41.42	918.42
54	82375	199075	877.00	917.76	40.76	42.80	919.80
55	82375	199125	877.00	921.13	44.13	46.34	923.34
56	82375	199175	877.00	926.05	49.05	51.51	928.51
57	82375	199225	877.00	929.86	52.86	55.50	932.50
58	82375	199275	877.00	931.47	54.47	57.19	934.19
59	82375	199325	877.00	931.46	54.46	57.18	934.18
60	82375	199375	877.00	931.25	54.25	56.97	933.97

Table 1
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Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
61	82375	199425	877.00	931.05	54.05	56.76	933.76
62	82325	198075	884.12	888.04	3.92	4.12	888.24
63	82325	198125	880.38	895.46	15.08	15.83	896.22
64	82325	198175	879.38	902.88	23.50	24.68	904.05
65	82325	198225	879.36	910.29	30.93	32.48	911.84
66	82325	198275	880.33	913.81	33.48	35.15	915.48
67	82325	198325	880.34	914.83	34.49	36.22	916.56
68	82325	198375	879.36	915.87	36.50	38.33	917.69
69	82325	198425	879.36	916.92	37.56	39.44	918.80
70	82325	198475	880.31	917.97	37.66	39.55	919.86
71	82325	198525	880.31	919.03	38.72	40.66	920.96
72	82325	198575	879.31	920.08	40.77	42.81	922.12
73	82325	198625	879.31	921.14	41.83	43.92	923.23
74	82325	198675	880.31	922.19	41.88	43.97	924.28
75	82325	198725	880.31	923.24	42.93	45.08	925.39
76	82325	198775	879.31	924.30	44.99	47.24	926.55
77	82325	198825	879.31	925.35	46.04	48.34	927.65
78	82325	198875	880.31	926.21	45.90	48.19	928.50
79	82325	198925	886.20	927.09	40.90	42.94	929.14
80	82325	198975	889.21	927.98	38.77	40.71	929.92
81	82325	199025	877.00	928.88	51.88	54.47	931.47
82	82325	199075	877.00	929.78	52.78	55.42	932.42
83	82325	199125	877.00	931.37	54.37	57.08	934.08
84	82325	199175	877.00	934.23	57.23	60.09	937.09
85	82325	199225	877.00	939.23	62.23	65.34	942.34
86	82325	199275	877.00	942.43	65.43	68.70	945.70
87	82325	199325	877.00	942.98	65.98	69.28	946.28
88	82325	199375	877.00	943.47	66.47	69.79	946.79
89	82325	199425	877.00	943.41	66.41	69.73	946.73
90	82275	198025	880.58	890.69	10.11	10.61	891.19
91	82275	198075	880.64	898.11	17.47	18.34	898.98
92	82275	198125	880.62	905.52	24.90	26.14	906.77
93	82275	198175	879.61	912.94	33.33	34.99	914.61
94	82275	198225	879.61	920.32	40.70	42.74	922.35
95	82275	198275	880.62	926.08	45.46	47.73	928.35
96	82275	198325	880.62	927.29	46.67	49.00	929.63
97	82275	198375	879.61	928.32	48.71	51.14	930.76
98	82275	198425	879.61	929.38	49.76	52.25	931.86
99	82275	198475	880.62	930.43	49.81	52.30	932.92
100	82275	198525	880.81	931.48	50.68	53.21	934.02
101	82275	198575	879.81	932.54	52.73	55.37	935.17
102	82275	198625	879.81	933.59	53.78	56.47	936.28
103	82275	198675	880.81	934.65	53.84	56.53	937.34
104	82275	198725	880.81	935.70	54.89	57.63	938.44
105	82275	198775	879.81	936.75	56.94	59.79	939.60
106	82275	198825	879.81	937.75	57.95	60.84	940.65
107	82275	198875	880.81	938.65	57.84	60.73	941.54
108	82275	198925	886.48	939.58	53.10	55.75	942.23
109	82275	198975	888.86	940.51	51.65	54.24	943.09
110	82275	199025	877.00	941.44	64.44	67.67	944.67
111	82275	199075	877.00	942.33	65.33	68.59	945.59
112	82275	199125	877.00	943.29	66.29	69.60	946.60
113	82275	199175	877.00	945.59	68.59	72.02	949.02
114	82275	199225	877.00	949.34	72.34	75.96	952.96
115	82275	199275	877.00	952.94	75.94	79.73	956.73
116	82275	199325	877.00	954.14	77.14	81.00	958.00
117	82275	199375	877.00	955.44	78.44	82.36	959.36
118	82275	199425	877.00	955.91	78.91	82.86	959.86
119	82225	197475	882.68	888.84	6.15	6.46	889.14
120	82225	197525	879.72	895.48	15.76	16.55	896.26

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
121	82225	197575	878.88	896.92	18.05	18.95	897.83
122	82225	197625	879.87	896.94	17.07	17.92	897.80
123	82225	197675	880.87	896.96	16.09	16.89	897.77
124	82225	197725	879.87	896.98	17.11	17.96	897.84
125	82225	197775	878.88	897.00	18.13	19.03	897.91
126	82225	197825	879.87	897.02	17.15	18.01	897.88
127	82225	197875	880.87	897.04	16.17	16.98	897.85
128	82225	197925	879.87	897.06	17.19	18.05	897.92
129	82225	197975	878.87	897.08	18.21	19.12	897.99
130	82225	198025	879.87	900.75	20.87	21.92	901.79
131	82225	198075	880.87	908.17	27.29	28.66	909.53
132	82225	198125	880.87	915.58	34.71	36.45	917.32
133	82225	198175	879.84	923.00	43.16	45.32	925.16
134	82225	198225	879.84	930.42	50.58	53.11	932.95
135	82225	198275	880.87	937.62	56.75	59.58	940.45
136	82225	198325	880.87	939.72	58.85	61.80	942.67
137	82225	198375	879.84	940.78	60.94	63.99	943.83
138	82225	198425	879.84	941.83	61.99	65.09	944.93
139	82225	198475	880.87	942.89	62.02	65.12	945.99
140	82225	198525	881.31	943.94	62.63	65.76	947.07
141	82225	198575	880.31	944.99	64.68	67.92	948.23
142	82225	198625	880.31	946.05	65.74	69.02	949.33
143	82225	198675	881.31	947.10	65.79	69.08	950.39
144	82225	198725	881.31	948.15	66.84	70.19	951.50
145	82225	198775	880.31	949.21	68.90	72.34	952.65
146	82225	198825	880.31	950.25	69.95	73.44	953.75
147	82225	198875	881.54	951.21	69.66	73.15	954.69
148	82225	198925	886.51	952.14	65.63	68.92	955.42
149	82225	198975	888.95	953.08	64.12	67.33	956.28
150	82225	199025	877.00	954.01	77.01	80.86	957.86
151	82225	199075	877.00	954.88	77.88	81.77	958.77
152	82225	199125	877.00	956.00	79.00	82.95	959.95
153	82225	199175	877.00	957.73	80.73	84.77	961.77
154	82225	199225	877.00	960.49	83.49	87.66	964.66
155	82225	199275	877.00	963.42	86.42	90.74	967.74
156	82225	199325	877.00	965.37	88.37	92.79	969.79
157	82225	199375	877.00	967.28	90.28	94.80	971.80
158	82225	199425	877.00	968.41	91.41	95.98	972.98
159	82175	197475	882.56	889.85	7.30	7.66	890.22
160	82175	197525	880.12	901.54	21.41	22.48	902.61
161	82175	197575	879.13	908.10	28.97	30.42	909.55
162	82175	197625	880.12	909.44	29.32	30.79	910.91
163	82175	197675	881.12	909.46	28.34	29.76	910.88
164	82175	197725	880.12	909.48	29.36	30.83	910.95
165	82175	197775	879.12	909.50	30.38	31.90	911.02
166	82175	197825	880.12	909.52	29.40	30.87	910.99
167	82175	197875	881.12	909.54	28.42	29.84	910.96
168	82175	197925	880.12	909.56	29.44	30.91	911.03
169	82175	197975	879.12	909.58	30.46	31.98	911.10
170	82175	198025	880.12	911.02	30.90	32.45	912.57
171	82175	198075	881.12	918.23	37.10	38.96	920.08
172	82175	198125	881.11	925.65	44.53	46.76	927.87
173	82175	198175	880.07	933.06	53.00	55.65	935.71
174	82175	198225	880.07	940.48	60.41	63.43	943.50
175	82175	198275	881.18	947.89	66.71	70.05	951.23
176	82175	198325	881.18	952.18	71.00	74.55	955.73
177	82175	198375	880.07	953.23	73.17	76.82	956.89
178	82175	198425	880.07	954.29	74.21	77.92	958.00
179	82175	198475	881.22	955.34	74.12	77.83	959.05
180	82175	198525	881.81	956.39	74.59	78.32	960.12

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
181	82175	198575	880.81	957.45	76.64	80.47	961.28
182	82175	198625	880.81	958.50	77.69	81.58	962.39
183	82175	198675	881.81	959.56	77.75	81.63	963.44
184	82175	198725	881.81	960.61	78.80	82.74	964.55
185	82175	198775	880.81	961.66	80.85	84.90	965.71
186	82175	198825	880.81	962.72	81.91	86.00	966.81
187	82175	198875	881.94	963.76	81.82	85.91	967.85
188	82175	198925	886.54	964.71	78.17	82.08	968.61
189	82175	198975	889.15	965.64	76.49	80.31	969.46
190	82175	199025	877.00	966.60	89.60	94.08	971.08
191	82175	199075	877.00	967.51	90.51	95.03	972.03
192	82175	199125	877.00	968.72	91.72	96.31	973.31
193	82175	199175	877.00	970.04	93.04	97.69	974.69
194	82175	199225	877.00	972.35	95.35	100.12	977.12
195	82175	199275	877.00	974.72	97.72	102.61	979.61
196	82175	199325	877.00	977.04	100.04	105.04	982.04
197	82175	199375	877.00	977.21	100.21	105.22	982.22
198	82175	199425	877.00	976.89	99.89	104.89	981.89
199	82125	197475	882.57	890.11	7.53	7.91	890.48
200	82125	197525	880.38	902.60	22.22	23.33	903.71
201	82125	197575	879.38	914.20	34.83	36.57	915.94
202	82125	197625	880.37	920.63	40.25	42.27	922.64
203	82125	197675	881.37	921.96	40.59	42.62	923.99
204	82125	197725	880.37	921.98	41.61	43.69	924.06
205	82125	197775	879.37	922.00	42.63	44.76	924.13
206	82125	197825	880.37	922.02	41.65	43.73	924.10
207	82125	197875	881.37	922.04	40.67	42.70	924.08
208	82125	197925	880.37	922.06	41.69	43.77	924.15
209	82125	197975	879.37	922.08	42.71	44.84	924.22
210	82125	198025	880.37	922.32	41.95	44.04	924.42
211	82125	198075	881.37	928.29	46.92	49.26	930.64
212	82125	198125	881.34	935.71	54.37	57.09	938.43
213	82125	198175	880.30	943.12	62.82	65.96	946.27
214	82125	198225	880.30	950.54	70.24	73.75	954.05
215	82125	198275	881.54	957.96	76.42	80.24	961.78
216	82125	198325	881.54	964.43	82.89	87.03	968.58
217	82125	198375	880.31	965.69	85.38	89.65	969.96
218	82125	198425	880.31	966.74	86.43	90.76	971.06
219	82125	198475	881.67	967.80	86.13	90.43	972.10
220	82125	198525	882.31	968.85	86.54	90.87	973.18
221	82125	198575	881.31	969.90	88.60	93.02	974.33
222	82125	198625	881.31	970.96	89.65	94.13	975.44
223	82125	198675	882.31	972.01	89.70	94.19	976.50
224	82125	198725	882.31	973.07	90.76	95.29	977.60
225	82125	198775	881.31	974.12	92.81	97.45	978.76
226	82125	198825	881.31	975.17	93.86	98.56	979.87
227	82125	198875	882.31	976.23	93.92	98.61	980.92
228	82125	198925	886.57	977.25	90.68	95.22	981.78
229	82125	198975	889.35	978.21	88.85	93.30	982.65
230	82125	199025	877.00	979.18	102.18	107.29	984.29
231	82125	199075	877.00	980.21	103.21	108.37	985.37
232	82125	199125	877.00	981.19	104.19	109.40	986.40
233	82125	199175	877.00	981.48	104.48	109.70	986.70
234	82125	199225	877.00	981.52	104.52	109.75	986.75
235	82125	199275	877.00	981.25	104.25	109.46	986.46
236	82125	199325	877.00	980.97	103.97	109.17	986.17
237	82125	199375	877.00	980.70	103.70	108.89	985.89
238	82125	199425	877.00	980.43	103.43	108.60	985.60
239	82075	197475	882.82	890.36	7.53	7.91	890.73
240	82075	197525	880.62	902.85	22.23	23.34	903.96

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
241	82075	197575	879.63	915.35	35.72	37.51	917.13
242	82075	197625	880.62	926.90	46.27	48.59	929.21
243	82075	197675	881.62	933.11	51.49	54.06	935.69
244	82075	197725	880.62	934.33	53.70	56.39	937.01
245	82075	197775	879.62	934.59	54.96	57.71	937.33
246	82075	197825	880.62	934.61	53.98	56.68	937.31
247	82075	197875	881.62	934.63	53.01	55.66	937.28
248	82075	197925	880.62	934.65	54.02	56.72	937.35
249	82075	197975	879.62	934.67	55.04	57.80	937.42
250	82075	198025	880.62	934.69	54.06	56.77	937.39
251	82075	198075	881.62	938.36	56.74	59.57	941.20
252	82075	198125	881.57	945.77	64.20	67.41	948.98
253	82075	198175	880.56	953.19	72.63	76.26	956.82
254	82075	198225	880.56	960.60	80.05	84.05	964.61
255	82075	198275	881.90	968.02	86.12	90.42	972.33
256	82075	198325	881.90	975.23	93.33	97.99	979.90
257	82075	198375	880.55	978.15	97.59	102.47	983.02
258	82075	198425	880.55	979.20	98.64	103.58	984.13
259	82075	198475	882.04	980.25	98.21	103.13	985.16
260	82075	198525	882.81	981.31	98.50	103.42	986.23
261	82075	198575	881.81	982.36	100.55	105.58	987.39
262	82075	198625	881.81	983.41	101.60	106.68	988.49
263	82075	198675	882.81	984.47	101.66	106.74	989.55
264	82075	198725	882.81	985.52	102.71	107.85	990.66
265	82075	198775	881.81	986.57	104.77	110.00	991.81
266	82075	198825	881.81	987.19	105.38	110.65	992.46
267	82075	198875	882.81	986.87	104.06	109.27	992.07
268	82075	198925	887.28	986.61	99.32	104.29	991.57
269	82075	198975	888.09	986.38	98.29	103.21	991.29
270	82075	199025	877.00	986.11	109.11	114.56	991.56
271	82075	199075	877.00	985.83	108.83	114.27	991.27
272	82075	199125	877.00	985.56	108.56	113.99	990.99
273	82075	199175	877.00	985.28	108.28	113.70	990.70
274	82075	199225	877.00	985.01	108.01	113.41	990.41
275	82075	199275	877.00	984.74	107.74	113.12	990.12
276	82075	199325	877.00	984.46	107.46	112.84	989.84
277	82075	199375	877.00	984.19	107.19	112.55	989.55
278	82075	199425	877.00	983.92	106.92	112.26	989.26
279	82025	197475	883.07	890.61	7.53	7.91	890.98
280	82025	197525	880.87	903.10	22.23	23.34	904.21
281	82025	197575	879.88	915.60	35.72	37.51	917.38
282	82025	197625	880.87	928.10	47.22	49.58	930.46
283	82025	197675	881.87	935.38	53.51	56.18	938.06
284	82025	197725	880.87	938.38	57.50	60.38	941.25
285	82025	197775	879.87	940.64	60.76	63.80	943.68
286	82025	197825	880.87	942.87	61.99	65.09	945.96
287	82025	197875	881.87	944.67	62.80	65.94	947.81
288	82025	197925	880.87	947.05	66.17	69.48	950.36
289	82025	197975	879.87	948.49	68.62	72.05	951.92
290	82025	198025	880.87	948.51	67.64	71.02	951.89
291	82025	198075	881.87	948.82	66.95	70.30	952.17
292	82025	198125	881.79	955.83	74.04	77.74	959.53
293	82025	198175	880.84	963.23	82.39	86.51	967.34
294	82025	198225	880.83	970.49	89.66	94.15	974.98
295	82025	198275	882.27	976.20	93.94	98.63	980.90
296	82025	198325	882.27	980.16	97.90	102.79	985.06
297	82025	198375	880.83	983.95	103.12	108.27	989.11
298	82025	198425	880.83	986.83	106.00	111.30	992.13
299	82025	198475	882.29	988.92	106.63	111.96	994.25
300	82025	198525	883.71	991.02	107.31	112.67	996.38

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
301	82025	198575	882.79	991.76	108.97	114.42	997.21
302	82025	198625	882.79	991.64	108.85	114.29	997.08
303	82025	198675	883.65	991.48	107.83	113.22	996.87
304	82025	198725	883.81	991.24	107.43	112.80	996.61
305	82025	198775	882.79	990.96	108.17	113.58	996.37
306	82025	198825	882.80	990.69	107.89	113.29	996.08
307	82025	198875	883.52	990.42	106.90	112.24	995.76
308	82025	198925	888.72	990.14	101.42	106.49	995.21
309	82025	198975	886.65	989.87	103.21	108.38	995.03
310	82025	199025	877.00	989.60	112.60	118.22	995.22
311	82025	199075	877.00	989.32	112.32	117.94	994.94
312	82025	199125	877.00	989.05	112.05	117.65	994.65
313	82025	199175	877.00	988.77	111.77	117.36	994.36
314	82025	199225	877.00	988.50	111.50	117.08	994.08
315	82025	199275	877.00	988.23	111.23	116.79	993.79
316	82025	199325	877.00	987.95	110.95	116.50	993.50
317	82025	199375	877.00	987.68	110.68	116.21	993.21
318	82025	199425	877.00	987.41	110.41	115.93	992.93
319	81975	197475	883.32	890.85	7.53	7.91	891.23
320	81975	197525	881.12	903.35	22.22	23.33	904.46
321	81975	197575	880.13	915.84	35.72	37.50	917.63
322	81975	197625	881.12	928.34	47.22	49.58	930.70
323	81975	197675	882.13	935.41	53.29	55.95	938.08
324	81975	197725	881.12	938.44	57.32	60.18	941.31
325	81975	197775	880.12	940.84	60.71	63.75	943.87
326	81975	197825	881.12	943.25	62.12	65.23	946.35
327	81975	197875	882.12	945.66	63.54	66.72	948.84
328	81975	197925	881.12	948.10	66.98	70.33	951.45
329	81975	197975	880.12	950.51	70.38	73.90	954.03
330	81975	198025	881.12	952.90	71.78	75.36	956.49
331	81975	198075	882.12	956.22	74.10	77.80	959.92
332	81975	198125	882.02	961.32	79.29	83.26	965.28
333	81975	198175	880.84	966.85	86.02	90.32	971.15
334	81975	198225	880.84	972.21	91.37	95.94	976.78
335	81975	198275	882.17	976.67	94.50	99.22	981.39
336	81975	198325	882.17	980.51	98.34	103.26	985.43
337	81975	198375	880.84	984.01	103.17	108.32	989.16
338	81975	198425	880.84	987.02	106.18	111.49	992.33
339	81975	198475	882.32	989.32	107.00	112.35	994.67
340	81975	198525	885.25	991.99	106.74	112.07	997.32
341	81975	198575	884.25	993.25	109.00	114.45	998.70
342	81975	198625	884.25	994.18	109.93	115.43	999.68
343	81975	198675	885.25	994.41	109.16	114.62	999.87
344	81975	198725	885.25	994.22	108.97	114.41	999.66
345	81975	198775	884.25	994.02	109.77	115.26	999.51
346	81975	198825	884.25	993.83	109.58	115.06	999.31
347	81975	198875	885.00	993.64	108.64	114.07	999.07
348	81975	198925	888.13	993.45	105.32	110.58	998.71
349	81975	198975	887.37	993.25	105.89	111.18	998.55
350	81975	199025	877.00	993.06	116.06	121.86	998.86
351	81975	199075	877.00	992.81	115.81	121.60	998.60
352	81975	199125	877.00	992.54	115.54	121.31	998.31
353	81975	199175	877.00	992.26	115.26	121.03	998.03
354	81975	199225	877.00	991.99	114.99	120.74	997.74
355	81975	199275	877.00	991.72	114.72	120.45	997.45
356	81975	199325	877.00	991.44	114.44	120.16	997.16
357	81975	199375	877.00	991.17	114.17	119.88	996.88
358	81975	199425	877.00	990.90	113.90	119.59	996.59
359	81925	197475	883.57	891.10	7.53	7.90	891.48
360	81925	197525	881.37	903.58	22.21	23.32	904.70

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
361	81925	197575	880.38	915.95	35.58	37.36	917.73
362	81925	197625	881.37	925.18	43.80	45.99	927.37
363	81925	197675	882.38	930.54	48.17	50.57	932.95
364	81925	197725	881.37	933.66	52.28	54.90	936.27
365	81925	197775	880.37	936.81	56.44	59.26	939.64
366	81925	197825	881.37	940.01	58.64	61.57	942.94
367	81925	197875	882.37	943.09	60.72	63.76	946.13
368	81925	197925	881.37	946.01	64.64	67.87	949.24
369	81925	197975	880.37	949.11	68.73	72.17	952.55
370	81925	198025	881.37	951.60	70.23	73.74	955.11
371	81925	198075	882.37	954.58	72.20	75.82	958.19
372	81925	198125	882.25	958.66	76.41	80.23	962.48
373	81925	198175	880.55	962.49	81.93	86.03	966.58
374	81925	198225	880.55	965.84	85.29	89.56	970.11
375	81925	198275	881.84	969.18	87.34	91.71	973.55
376	81925	198325	881.84	972.52	90.68	95.21	977.05
377	81925	198375	880.57	975.85	95.28	100.05	980.62
378	81925	198425	880.57	979.19	98.62	103.55	984.12
379	81925	198475	882.12	982.53	100.41	105.43	987.55
380	81925	198525	884.75	985.86	101.11	106.17	990.92
381	81925	198575	883.75	989.20	105.45	110.72	994.47
382	81925	198625	883.75	991.46	107.71	113.10	996.85
383	81925	198675	884.75	991.51	106.76	112.10	996.85
384	81925	198725	884.75	991.78	107.04	112.39	997.14
385	81925	198775	883.75	992.06	108.31	113.72	997.47
386	81925	198825	883.75	992.33	108.58	114.01	997.76
387	81925	198875	884.75	992.61	107.86	113.25	998.00
388	81925	198925	886.77	992.88	106.11	111.42	998.18
389	81925	198975	889.87	993.14	103.27	108.44	998.31
390	81925	199025	877.00	993.39	116.39	122.21	999.21
391	81925	199075	877.00	993.64	116.64	122.48	999.48
392	81925	199125	877.00	993.89	116.89	122.74	999.74
393	81925	199175	877.00	994.14	117.14	123.00	1000.00
394	81925	199225	877.00	994.39	117.39	123.26	1000.26
395	81925	199275	877.00	994.57	117.57	123.45	1000.45
396	81925	199325	877.00	994.37	117.37	123.24	1000.24
397	81925	199375	877.00	994.18	117.18	123.04	1000.04
398	81925	199425	877.00	993.99	116.99	122.84	999.84
399	81875	197475	883.78	891.33	7.55	7.93	891.71
400	81875	197525	881.62	903.16	21.53	22.61	904.23
401	81875	197575	880.62	911.19	30.56	32.09	912.71
402	81875	197625	881.62	915.32	33.69	35.38	917.00
403	81875	197675	882.63	918.44	35.81	37.60	920.23
404	81875	197725	881.62	921.54	39.92	41.91	923.54
405	81875	197775	880.62	924.66	44.03	46.23	926.86
406	81875	197825	881.62	927.77	46.15	48.46	930.08
407	81875	197875	882.61	930.89	48.27	50.69	933.30
408	81875	197925	881.62	934.02	52.40	55.02	936.64
409	81875	197975	880.62	937.18	56.56	59.38	940.01
410	81875	198025	881.62	940.45	58.82	61.77	943.39
411	81875	198075	882.62	943.79	61.16	64.22	946.84
412	81875	198125	881.79	947.12	65.34	68.60	950.39
413	81875	198175	880.30	950.46	70.16	73.66	953.97
414	81875	198225	880.31	953.80	73.49	77.16	957.47
415	81875	198275	881.50	957.13	75.63	79.41	960.91
416	81875	198325	881.50	960.47	78.97	82.92	964.42
417	81875	198375	880.32	963.81	83.49	87.66	967.98
418	81875	198425	880.32	967.14	86.83	91.17	971.48
419	81875	198475	881.85	970.48	88.63	93.06	974.91
420	81875	198525	884.25	973.82	89.57	94.05	978.30

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
421	81875	198575	883.25	977.15	93.90	98.60	981.85
422	81875	198625	883.25	980.49	97.24	102.10	985.35
423	81875	198675	884.25	983.83	99.58	104.56	988.81
424	81875	198725	884.25	987.14	102.89	108.04	992.29
425	81875	198775	883.25	988.43	105.18	110.44	993.68
426	81875	198825	883.25	988.84	105.59	110.87	994.12
427	81875	198875	884.25	989.12	104.87	110.11	994.36
428	81875	198925	885.25	989.39	104.14	109.35	994.60
429	81875	198975	891.19	989.66	98.47	103.40	994.59
430	81875	199025	877.00	989.94	112.94	118.58	995.58
431	81875	199075	877.00	990.21	113.21	118.87	995.87
432	81875	199125	877.00	990.48	113.48	119.16	996.16
433	81875	199175	877.00	990.76	113.76	119.45	996.45
434	81875	199225	877.00	991.03	114.03	119.73	996.73
435	81875	199275	877.00	991.31	114.31	120.02	997.02
436	81875	199325	877.00	991.58	114.58	120.31	997.31
437	81875	199375	877.00	991.85	114.85	120.60	997.60
438	81875	199425	877.00	992.13	115.13	120.88	997.88
439	81825	197475	885.76	889.86	4.10	4.31	890.07
440	81825	197525	881.83	896.73	14.90	15.65	897.48
441	81825	197575	880.87	900.14	19.26	20.23	901.10
442	81825	197625	881.87	903.23	21.36	22.43	904.30
443	81825	197675	882.88	906.33	23.45	24.63	907.50
444	81825	197725	881.87	909.43	27.56	28.94	910.81
445	81825	197775	880.87	912.54	31.67	33.25	914.13
446	81825	197825	881.87	915.65	33.78	35.47	917.34
447	81825	197875	882.86	918.76	35.90	37.69	920.56
448	81825	197925	881.87	921.89	40.01	42.02	923.89
449	81825	197975	880.87	925.07	44.19	46.40	927.28
450	81825	198025	881.87	928.40	46.53	48.85	930.73
451	81825	198075	882.87	931.74	48.86	51.31	934.18
452	81825	198125	881.35	935.08	53.72	56.41	937.76
453	81825	198175	880.07	938.41	58.35	61.26	941.33
454	81825	198225	880.07	941.75	61.68	64.77	944.83
455	81825	198275	881.17	945.09	63.92	67.12	948.28
456	81825	198325	881.17	948.42	67.26	70.62	951.79
457	81825	198375	880.08	951.76	71.68	75.26	955.34
458	81825	198425	880.08	955.10	75.02	78.77	958.85
459	81825	198475	881.39	958.43	77.05	80.90	962.29
460	81825	198525	883.75	961.77	78.02	81.92	965.67
461	81825	198575	882.75	965.11	82.36	86.48	969.23
462	81825	198625	882.75	968.44	85.69	89.98	972.73
463	81825	198675	883.75	971.78	88.03	92.43	976.18
464	81825	198725	883.75	975.12	91.37	95.94	979.69
465	81825	198775	882.75	978.45	95.71	100.49	983.24
466	81825	198825	882.75	981.79	99.04	103.99	986.74
467	81825	198875	883.75	984.13	100.38	105.40	989.15
468	81825	198925	884.75	985.43	100.68	105.71	990.46
469	81825	198975	891.29	986.02	94.74	99.48	990.76
470	81825	199025	877.00	986.45	109.45	114.92	991.92
471	81825	199075	877.00	986.72	109.72	115.21	992.21
472	81825	199125	877.00	987.00	110.00	115.49	992.49
473	81825	199175	877.00	987.27	110.27	115.78	992.78
474	81825	199225	877.00	987.54	110.54	116.07	993.07
475	81825	199275	877.00	987.82	110.82	116.36	993.36
476	81825	199325	877.00	988.09	111.09	116.64	993.64
477	81825	199375	877.00	988.36	111.36	116.93	993.93
478	81825	199425	877.00	988.64	111.64	117.22	994.22
479	81775	197625	884.50	891.13	6.63	6.96	891.46
480	81775	197675	883.13	894.22	11.10	11.65	894.78

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
481	81775	197725	882.12	897.32	15.20	15.96	898.08
482	81775	197775	881.12	900.43	19.30	20.27	901.39
483	81775	197825	882.12	903.53	21.40	22.47	904.60
484	81775	197875	883.12	906.64	23.52	24.70	907.81
485	81775	197925	882.12	909.77	27.65	29.03	911.15
486	81775	197975	881.12	913.02	31.90	33.49	914.61
487	81775	198025	882.12	916.36	34.23	35.94	918.07
488	81775	198075	883.12	919.69	36.57	38.40	921.52
489	81775	198125	880.87	923.03	42.16	44.27	925.14
490	81775	198175	879.84	926.37	46.53	48.85	928.69
491	81775	198225	879.84	929.70	49.87	52.36	932.20
492	81775	198275	880.87	933.04	52.17	54.78	935.65
493	81775	198325	880.87	936.38	55.51	58.28	939.15
494	81775	198375	879.85	939.71	59.87	62.86	942.71
495	81775	198425	879.85	943.05	63.20	66.36	946.21
496	81775	198475	880.87	946.39	65.52	68.79	949.66
497	81775	198525	883.25	949.72	66.48	69.80	953.05
498	81775	198575	882.25	953.06	70.81	74.35	956.60
499	81775	198625	882.25	956.40	74.15	77.86	960.11
500	81775	198675	883.25	959.73	76.49	80.31	963.56
501	81775	198725	883.25	963.07	79.82	83.81	967.06
502	81775	198775	882.25	966.41	84.16	88.37	970.62
503	81775	198825	882.25	969.75	87.50	91.87	974.12
504	81775	198875	883.25	973.08	89.83	94.33	977.57
505	81775	198925	884.25	976.73	92.49	97.11	981.36
506	81775	198975	891.38	980.55	89.17	93.63	985.01
507	81775	199025	877.00	982.92	105.92	111.21	988.21
508	81775	199075	877.00	983.23	106.23	111.54	988.54
509	81775	199125	877.00	983.51	106.51	111.83	988.83
510	81775	199175	877.00	983.78	106.78	112.12	989.12
511	81775	199225	877.00	984.05	107.05	112.41	989.41
512	81775	199275	877.00	984.33	107.33	112.69	989.69
513	81775	199325	877.00	984.60	107.60	112.98	989.98
514	81775	199375	877.00	984.87	107.87	113.27	990.27
515	81775	199425	877.00	985.15	108.15	113.56	990.56
517	81725	197825	884.30	891.40	7.10	7.46	891.76
518	81725	197875	883.37	894.51	11.13	11.69	895.06
519	81725	197925	882.37	897.68	15.30	16.07	898.44
520	81725	197975	881.37	900.97	19.60	20.58	901.95
521	81725	198025	882.37	904.31	21.94	23.03	905.41
522	81725	198075	883.37	907.65	24.27	25.49	908.86
523	81725	198125	880.63	910.98	30.36	31.88	912.50
524	81725	198175	879.61	914.32	34.71	36.44	916.06
525	81725	198225	879.61	917.66	38.04	39.95	919.56
526	81725	198275	880.62	920.99	40.37	42.39	923.01
527	81725	198325	880.62	924.33	43.71	45.89	926.52
528	81725	198375	879.62	927.67	48.05	50.46	930.07
529	81725	198425	879.62	931.00	51.39	53.96	933.57
530	81725	198475	880.62	934.34	53.72	56.41	937.03
531	81725	198525	882.75	937.68	54.93	57.68	940.42
532	81725	198575	881.75	941.01	59.27	62.23	943.98
533	81725	198625	881.75	944.35	62.60	65.73	947.48
534	81725	198675	882.75	947.69	64.94	68.19	950.93
535	81725	198725	882.75	951.02	68.28	71.69	954.44
536	81725	198775	881.75	954.36	72.61	76.24	957.99
537	81725	198825	881.75	957.70	75.95	79.75	961.50
538	81725	198875	882.75	961.04	78.29	82.20	964.95
539	81725	198925	883.76	964.79	81.03	85.08	968.84
540	81725	198975	891.47	968.56	77.09	80.94	972.42
541	81725	199025	877.00	972.02	95.02	99.77	976.77

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
542	81725	199075	877.00	975.48	98.48	103.41	980.41
543	81725	199125	877.00	978.94	101.94	107.04	984.04
544	81725	199175	877.00	980.20	103.20	108.36	985.36
545	81725	199225	877.00	980.56	103.56	108.74	985.74
546	81725	199275	877.00	980.84	103.84	109.03	986.03
547	81725	199325	877.00	981.11	104.11	109.32	986.32
548	81725	199375	877.00	981.38	104.38	109.60	986.60
549	81725	199425	877.00	981.66	104.66	109.89	986.89
550	81675	197975	888.35	888.91	0.57	0.60	888.94
551	81675	198025	884.38	892.26	7.88	8.27	892.66
552	81675	198075	883.62	895.60	11.98	12.57	896.20
553	81675	198125	880.51	898.94	18.43	19.35	899.86
554	81675	198175	879.43	902.27	22.84	23.99	903.42
555	81675	198225	879.36	905.61	26.25	27.56	906.92
556	81675	198275	880.35	908.95	28.60	30.03	910.38
557	81675	198325	880.35	912.28	31.93	33.53	913.88
558	81675	198375	879.37	915.62	36.25	38.07	917.43
559	81675	198425	879.41	918.96	39.55	41.52	920.94
560	81675	198475	880.51	922.29	41.79	43.88	924.38
561	81675	198525	882.25	925.63	43.38	45.55	927.80
562	81675	198575	881.25	928.97	47.72	50.11	931.35
563	81675	198625	881.25	932.31	51.06	53.61	934.86
564	81675	198675	882.25	935.64	53.39	56.06	938.31
565	81675	198725	882.25	938.98	56.73	59.57	941.82
566	81675	198775	881.25	942.32	61.07	64.12	945.37
567	81675	198825	881.25	945.65	64.40	67.62	948.87
568	81675	198875	882.25	949.05	66.80	70.14	952.39
569	81675	198925	883.64	952.78	69.14	72.59	956.23
570	81675	198975	891.66	956.49	64.84	68.08	959.73
571	81675	199025	877.00	960.01	83.01	87.16	964.16
572	81675	199075	877.00	963.47	86.47	90.80	967.80
573	81675	199125	877.00	966.93	89.93	94.43	971.43
574	81675	199175	877.00	970.39	93.39	98.06	975.06
575	81675	199225	877.00	973.86	96.86	101.70	978.70
576	81675	199275	877.00	977.10	100.10	105.10	982.10
577	81675	199325	877.00	977.62	100.62	105.65	982.65
578	81675	199375	877.00	977.89	100.89	105.94	982.94
579	81675	199425	877.00	978.17	101.17	106.23	983.23
580	81625	198225	885.25	893.56	8.31	8.73	893.98
581	81625	198275	881.35	896.90	15.55	16.33	897.68
582	81625	198325	880.05	900.24	20.19	21.20	901.25
583	81625	198375	879.11	903.57	24.46	25.68	904.80
584	81625	198425	879.16	906.91	27.75	29.14	908.30
585	81625	198475	880.42	910.25	29.83	31.32	911.74
586	81625	198525	881.75	913.58	31.84	33.43	915.18
587	81625	198575	880.75	916.92	36.17	37.98	918.73
588	81625	198625	880.75	920.26	39.51	41.49	922.23
589	81625	198675	881.75	923.60	41.85	43.94	925.69
590	81625	198725	881.75	926.93	45.18	47.44	929.19
591	81625	198775	880.75	930.27	49.52	52.00	932.75
592	81625	198825	880.75	933.61	52.86	55.50	936.25
593	81625	198875	881.78	937.10	55.32	58.08	939.86
594	81625	198925	883.42	940.76	57.35	60.21	943.63
595	81625	198975	891.92	944.39	52.47	55.09	947.01
596	81625	199025	877.00	948.00	71.00	74.55	951.55
597	81625	199075	877.00	951.46	74.46	78.18	955.18
598	81625	199125	877.00	954.92	77.92	81.82	958.82
599	81625	199175	877.00	958.38	81.38	85.45	962.45
600	81625	199225	877.00	961.84	84.84	89.09	966.09
601	81625	199275	877.00	965.31	88.30	92.72	969.72

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
602	81625	199325	877.00	968.77	91.77	96.35	973.35
603	81625	199375	877.00	971.27	94.27	98.99	975.99
604	81625	199425	877.00	972.93	95.93	100.73	977.73
605	81575	198375	889.72	891.53	1.81	1.90	891.62
606	81575	198425	885.88	894.86	8.98	9.43	895.31
607	81575	198475	882.01	898.20	16.19	17.00	899.01
608	81575	198525	881.25	901.54	20.29	21.30	902.55
609	81575	198575	880.25	904.88	24.63	25.86	906.11
610	81575	198625	880.25	908.21	27.96	29.36	909.61
611	81575	198675	881.25	911.55	30.30	31.81	913.06
612	81575	198725	881.25	914.89	33.64	35.32	916.57
613	81575	198775	880.25	918.22	37.97	39.87	920.12
614	81575	198825	880.25	921.56	41.31	43.38	923.63
615	81575	198875	881.36	925.12	43.76	45.95	927.31
616	81575	198925	882.96	928.75	45.78	48.07	931.04
617	81575	198975	892.76	932.37	39.61	41.59	934.35
618	81575	199025	877.00	935.99	58.99	61.94	938.94
619	81575	199075	877.00	939.45	62.45	65.57	942.57
620	81575	199125	877.00	942.91	65.91	69.21	946.21
621	81575	199175	877.00	946.37	69.37	72.84	949.84
622	81575	199225	877.00	949.83	72.83	76.47	953.47
623	81575	199275	877.00	953.29	76.29	80.11	957.11
624	81575	199325	877.00	956.70	79.70	83.68	960.68
625	81575	199375	877.00	958.97	81.97	86.07	963.07
626	81575	199425	877.00	960.37	83.37	87.54	964.54
627	81525	198575	890.40	892.82	2.43	2.55	892.94
628	81525	198625	886.47	896.17	9.69	10.18	896.65
629	81525	198675	882.40	899.50	17.10	17.96	900.36
630	81525	198725	880.74	902.84	22.10	23.20	903.94
631	81525	198775	879.74	906.18	26.43	27.75	907.50
632	81525	198825	879.75	909.52	29.77	31.26	911.01
633	81525	198875	880.75	913.11	32.36	33.97	914.72
634	81525	198925	882.55	916.73	34.19	35.90	918.44
635	81525	198975	895.00	920.39	25.39	26.65	921.65
636	81525	199025	880.06	924.05	43.99	46.19	926.25
637	81525	199075	877.00	928.17	51.17	53.73	930.73
638	81525	199125	877.00	931.87	54.87	57.61	934.61
639	81525	199175	877.00	934.93	57.93	60.83	937.83
640	81525	199225	877.00	937.82	60.82	63.86	940.86
641	81525	199275	877.00	941.28	64.28	67.50	944.50
642	81525	199325	877.00	944.50	67.50	70.87	947.87
643	81525	199375	877.00	946.64	69.64	73.12	950.12
644	81525	199425	877.00	947.77	70.77	74.31	951.31
645	81475	198775	890.98	894.13	3.15	3.31	894.29
646	81475	198825	887.23	897.48	10.25	10.76	897.99
647	81475	198875	883.40	901.08	17.69	18.57	901.97
648	81475	198925	881.41	904.53	23.12	24.27	905.69
649	81475	198975	890.43	908.34	17.91	18.80	909.23
650	81475	199025	886.40	912.14	25.74	27.02	913.43
651	81475	199075	877.00	916.67	39.67	41.65	918.65
652	81475	199125	877.00	922.89	45.89	48.18	925.18
653	81475	199175	877.00	927.86	50.86	53.40	930.40
654	81475	199225	877.00	930.62	53.62	56.30	933.30
655	81475	199275	877.00	932.19	55.18	57.94	934.94
656	81475	199325	877.00	933.54	56.54	59.37	936.37
657	81475	199375	877.00	934.77	57.77	60.66	937.66
658	81475	199425	877.00	935.36	58.36	61.27	938.27
659	81425	198975	891.79	895.62	3.83	4.02	895.82
660	81425	199025	894.87	900.26	5.39	5.66	900.53
661	81425	199075	884.41	905.55	21.14	22.20	906.61

Table 1
Dane County Landfill - Rodefeld
Maximum Intermediate Waste Elevations with 5% Overfill

Point Number	Northing	Easting	Top of Leachate Drainage Layer Elevation [1] (feet)	Top of Waste Elevation [2] (feet)	Waste Thickness (feet)	Maximum Intermediate Waste Thickness (feet)	Maximum Intermediate Waste Elevation (feet)
662	81425	199125	877.00	911.46	34.46	36.19	913.19
663	81425	199175	877.00	918.69	41.69	43.77	920.77
664	81425	199225	877.00	924.12	47.12	49.48	926.48
665	81425	199275	877.00	925.70	48.70	51.14	928.14
666	81425	199325	877.00	925.70	48.70	51.13	928.13
667	81425	199375	877.00	925.46	48.46	50.88	927.88
668	81425	199425	877.00	925.03	48.03	50.43	927.43
669	81375	199125	887.85	900.40	12.55	13.18	901.03
670	81375	199175	878.07	907.48	29.41	30.88	908.95
671	81375	199225	877.00	911.70	34.70	36.44	913.44
672	81375	199275	877.00	913.86	36.86	38.70	915.70
673	81375	199325	878.83	913.72	34.89	36.64	915.46
674	81375	199375	884.69	912.99	28.30	29.71	914.40
675	81375	199400	887.05	912.62	25.57	26.85	913.90
676	81375	199425	888.94	912.25	23.32	24.48	913.42
677	81325	199225	890.14	898.01	7.87	8.26	898.40
678	81325	199275	890.39	900.16	9.77	10.26	900.65
679	81325	199325	894.34	899.52	5.18	5.44	899.78

Notes:

1. Leachate drainage layer elevation was determined by adding 1 foot to the permitted base grades.
2. The top of waste elevation was determined by subtracting 5 feet from the permitted final cover grades.
3. An approximate base grade elevation of 876 was used for the area east of the 1993 Plan of Operation expansion area. The base grade elevation was determined by averaging the base grades from the 1993 Plan of Operation cross sections.

Updated by: PEG, 5/18/12
Checked by: EN, SC, 5/18/12

I:\3730\Calculations\5% Overfill\[Table 1 - 5% Overfill Elevations.xls]50-feet