



# DANE COUNTY DEPARTMENT of PUBLIC WORKS, HIGHWAY and TRANSPORTATION

County Executive  
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Commissioner / Director  
Gerald J. Mandli

JUNE 22, 2016

## ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

### RFB NO. 316024 - ADDENDUM NO. 2

### PHASE 10 – CELL 2 LINER CONSTRUCTION

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**BIDS DUE: TUESDAY, JUNE 28, 2016 at 2:00 PM.**  
DUE DATE AND TIME **ARE NOT** CHANGED BY THIS ADDENDUM.

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This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please acknowledge this Addendum on the Bid Form.

#### PLEASE MAKE THE FOLLOWING CHANGES:

**1. Section 00300 – Bid Form (5)**

**CHANGE**

- i. Subbase Grade Construction – Horizontal Expansion area (Area “C” on Drawings 4 and 5)
- SHOULD READ**
- ii. Subbase Grade Construction – Horizontal Expansion area (Area “C **and D**” on Drawings 4 and 5)

**2. Section 00300 – Regarding Topsoil Thickness**

- i. In the area of the proposed general fill stockpile, bidders shall assume the existing topsoil is 4” to 6” thick.
- ii. In the area of the horizontal expansion (Area D) of Phase 10 – Cell 1, the ground has previously been disturbed so there is no topsoil in the area except for the existing topsoil stockpile that shall be moved by the Contractor.
- iii. In Areas A, B, and C, bidders shall assume the existing topsoil is 6” thick.

**3. Easy Street Clay Borrow Site**

- i. The excavated area in the northeast quadrant of the clay borrow site shall also be used as a stormwater sedimentation pond during construction.
- ii. Contractor shall stockpile on site any topsoil or other non-clay overburden soil that is excavated to reach the clay.
- iii. Contractor shall install and maintain silt fence downslope of all soil stockpiles.
- iv. Contractor shall install Curlex Sediment Logs (9” diameter, 25’ L) at three locations in the existing drainage swale on the site. These will be field located by Dane County Solid Waste staff.

- 4. All elevation tables in the RFB packet shall be made available in Excel format to the successful bidder.**

**5. Appendix B – Table 2**

**UPDATE**

- i. Table 2 mistakenly ended at point 1379, but it should have included points 1380-1393. These additional points have been added to Table 2, and the updated Table 2 is attached to this Addendum.

**6. Section 02320 – Paragraph 2.2**

**UPDATE**

- i. Additional specification requirement for the select granular fill:  
Grain Size: 100 percent by weight passing the 1.5-inch sieve.

If any additional information about this Addendum is needed, please contact John Welch at 608/516-4154, [welch@countyofdane.com](mailto:welch@countyofdane.com).

Enclosures:

- Phase 10 – Cell 2, Table 2 Clay Liner Grades (Revised)

Table 2  
Clay Liner Grades  
Phase 10 - Cell 2 Construction  
Dane County No. 2 (Rodefild) Landfill

POINT NO.	DESIGN LOCATION		BOTTOM OF GRADIENT LAYER DESIGN ELEVATION			SUBBASE DESIGN ELEVATION			BASE GRADE DESIGN ELEVATION			CLAY LINER THICKNESS			GRANULAR DRAINAGE LAYER LAYER ELEVATION			GRANULAR DRAINAGE LAYER THICKNESS			COMMENTS
	NORTHING	EASTING	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	
<b>TOLERANCE RANGE</b>					+0.00 -0.10			+0.00 -0.10			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00	
<b>LOCATION OF EXISTING LINER IN PHASE 9 - CELL 1 AND PHASE 10 - CELL 1 FOR TIE-IN OF THE LINER FOR PHASE 10 - CELL 2</b>																					
404	381,967.4	2,200,845.0				874.13	874.10	-0.03	878.13	878.15	0.02	4.00	4.05	0.05	879.15		-879.15	1.00	-878.15	-879.15	Limits of 4' Clay Liner
405	381,967.4	2,200,885.0				874.93	874.85	-0.07	878.93	878.95	0.03	4.00	4.10	0.10	879.95		-879.95	1.00	-878.95	-879.95	Limits of 4' Clay Liner
406	381,967.4	2,200,915.0				874.33	874.26	-0.07	878.33	878.34	0.01	4.00	4.08	0.08	879.34		-879.34	1.00	-878.34	-879.34	Limits of 4' Clay Liner
407	381,967.4	2,200,965.0				873.33	873.23	-0.10	877.33	877.34	0.01	4.00	4.11	0.11	878.34		-878.34	1.00	-877.34	-878.34	Limits of 4' Clay Liner
425	381,955.6	2,200,832.2				873.96	873.95	-0.01	877.95		-877.95	4.00	-873.95	-877.95	878.95		-878.95	1.00	0.00	-1.00	Limits of Clay Fill Placement
426	381,955.6	2,200,885.0				875.02	875.00	-0.02	879.00		-879.00	4.00	-875.00	-879.00	880.00		-880.00	1.00	0.00	-1.00	Limits of Clay Fill Placement
427	381,955.6	2,200,915.0				874.42	874.41	-0.01	878.41		-878.41	4.00	-874.41	-878.41	879.41		-879.41	1.00	0.00	-1.00	Limits of Clay Fill Placement
428	381,955.6	2,200,965.0				873.42	873.41	-0.01	877.41		-877.41	4.00	-873.41	-877.41	878.41		-878.41	1.00	0.00	-1.00	Limits of Clay Fill Placement
864	381,967.4	2,200,393.2									934.39				935.39		-935.39	1.00	-934.39	-935.39	Vertical Expansion Area
865	381,967.4	2,200,410.0									932.78				933.78		-933.78	1.00	-932.78	-933.78	Vertical Expansion Area
866	381,967.4	2,200,450.0									929.34				930.34		-930.34	1.00	-929.34	-930.34	Vertical Expansion Area
867	381,967.4	2,200,490.0									927.54				928.54		-928.54	1.00	-927.54	-928.54	Vertical Expansion Area
868	381,967.4	2,200,530.0									921.49				922.49		-922.49	1.00	-921.49	-922.49	Vertical Expansion Area
869	381,967.4	2,200,573.0									909.89				910.89		-910.89	1.00	-909.89	-910.89	Vertical Expansion Area
871	381,967.4	2,200,660.0				883.66	883.63	-0.03	887.66	887.70	0.04	4.00	4.07	0.07	888.70		-888.70	1.00	-887.70	-888.70	Limits of 4' Clay Liner
872	381,967.4	2,200,690.1				873.62	873.56	-0.06	877.62	877.72	0.10	4.00	4.16	0.16	878.72		-878.72	1.00	-877.72	-878.72	Limits of 4' Clay Liner
873	381,967.4	2,200,730.0	871.83	871.80	-0.03	872.83	872.80	-0.03	876.83	876.85	0.02	4.00	4.05	0.05	877.85		-877.85	1.00	-876.85	-877.85	Limits of 4' Clay Liner
874	381,967.4	2,200,744.8	871.53	871.46	-0.07	872.53	872.46	-0.07	876.53	876.54	0.01	4.00	4.08	0.08	877.54		-877.54	1.00	-876.54	-877.54	Limits of 4' Clay Liner
875	381,967.4	2,200,755.0	869.83	869.83	0.00	870.83	870.83	0.00	874.83	874.85	0.02	4.00	4.02	0.02	877.24		-877.24	2.39	-874.85	-877.24	Limits of 4' Clay Liner
876	381,967.4	2,200,765.2	871.53	871.47	-0.06	872.53	872.46	-0.07	876.53	876.49	-0.04	4.00	4.03	0.03	877.49		-877.49	1.00	-876.49	-877.49	Limits of 4' Clay Liner
877	381,967.4	2,200,780.0	871.83	871.83	0.00	872.83	872.77	-0.06	876.83	876.85	0.02	4.00	4.08	0.08	877.85		-877.85	1.00	-876.85	-877.85	Limits of 4' Clay Liner
878	381,967.4	2,200,815.0				873.53	873.49	-0.03	877.53	877.55	0.02	4.00	4.06	0.06	878.55		-878.55	1.00	-877.55	-878.55	Limits of 4' Clay Liner
879	381,963.0	2,200,755.0				870.86	870.85	-0.01	874.86	874.87	0.01	4.00	4.02	0.02	875.87		-875.87	1.00	-874.87	-875.87	Limits of Trench Centerline
881	381,955.4	2,200,660.0				883.66	883.65	-0.01	887.65		-887.65	4.00	-883.65	-887.65	888.65		-888.65	1.00	0.00	-1.00	Limits of Clay Fill Placement
882	381,955.6	2,200,690.1				873.72	873.68	-0.04	877.68		-877.68	4.00	-873.68	-877.68	878.68		-878.68	1.00	0.00	-1.00	Limits of Clay Fill Placement
883	381,955.6	2,200,730.0				872.92	872.86	-0.06	876.86		-876.86	4.00	-872.86	-876.86	877.86		-877.86	1.00	0.00	-1.00	Limits of Clay Fill Placement
884	381,955.6	2,200,755.0				870.92	870.88	-0.04	874.88		-874.88	4.00	-870.88	-874.88	877.27		-877.27	2.39	0.00	-2.39	Centerline of Trench
885	381,955.6	2,200,780.0				872.92	872.91	-0.01	876.91		-876.91	4.00	-872.91	-876.91	877.91		-877.91	1.00	0.00	-1.00	Limits of Clay Fill Placement
886	381,955.6	2,200,815.0				873.62	873.56	-0.06	877.56		-877.56	4.00	-873.56	-877.56	878.56		-878.56	1.00	0.00	-1.00	Limits of Clay Fill Placement
1101	381,920.0	2,200,937.8				874.25		-874.25													Limits of Clay Fill Placement
1102	381,870.0	2,200,937.8				874.65		-874.65													Limits of Clay Fill Placement
1103	381,820.0	2,200,937.8				875.05		-875.05													Limits of Clay Fill Placement
1104	381,770.0	2,200,937.8				875.45		-875.45													Limits of Clay Fill Placement
1105	381,720.0	2,200,937.8				875.85		-875.85													Limits of Clay Fill Placement
1106	381,670.0	2,200,937.8				876.25		-876.25													Limits of Clay Fill Placement
1107	381,620.0	2,200,937.8				876.65		-876.65													Limits of Clay Fill Placement
1108	381,570.0	2,200,937.8				877.05		-877.05													Limits of Clay Fill Placement
1109	381,520.0	2,200,937.8				877.45		-877.45													Limits of Clay Fill Placement
1110	381,470.0	2,200,937.8				877.85		-877.85													Limits of Clay Fill Placement
1111	381,420.0	2,200,937.8				878.25		-878.25													Limits of Clay Fill Placement
1112	381,370.0	2,200,937.8				878.65		-878.65													Limits of Clay Fill Placement
1113	381,319.5	2,200,937.8				878.86		-878.86													Limits of Clay Fill Placement
1114	381,318.8	2,200,937.8				878.85		-878.85													Limits of Clay Fill Placement
1115	381,318.8	2,200,925.0				879.10		-879.10													Limits of Clay Fill Placement
1116	381,331.2	2,200,925.0				879.22		-879.22	883.22		-883.22	4.00	0.00	-4.00							Limits of 4' Clay Liner
1117	381,370.0	2,200,925.0				878.91		-878.91	882.90		-882.90	4.00	0.00	-4.00							Limits of 4' Clay Liner
1118	381,420.0	2,200,925.0				878.51		-878.51	882.50		-882.50	4.00	0.00	-4.00							Limits of 4' Clay Liner
1119	381,470.0	2,200,925.0				878.11		-878.11	882.10		-882.10	4.00	0.00	-4.00							Limits of 4' Clay Liner
1120	381,520.0	2,200,925.0				877.71		-877.71	881.70		-881.70	4.00	0.00	-4.00							Limits of 4' Clay Liner
1121	381,570.0	2,200,925.0				877.31		-877.31	881.30		-881.30	4.00	0.00	-4.00							Limits of 4' Clay Liner

Table 2  
Clay Liner Grades  
Phase 10 - Cell 2 Construction  
Dane County No. 2 (Rodefild) Landfill

POINT NO.	DESIGN LOCATION		BOTTOM OF GRADIENT LAYER DESIGN ELEVATION			SUBBASE DESIGN ELEVATION			BASE GRADE DESIGN ELEVATION			CLAY LINER THICKNESS			GRANULAR DRAINAGE LAYER LAYER ELEVATION			GRANULAR DRAINAGE LAYER THICKNESS			COMMENTS	
	NORTHING	EASTING	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)		
<b>TOLERANCE RANGE</b>					+0.00 -0.10			+0.00 -0.10			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00		
1122	381,620.0	2,200,925.0				876.91		-876.91	880.90		-880.90	4.00	0.00	-4.00								Limits of 4' Clay Liner
1123	381,670.0	2,200,925.0				876.51		-876.51	880.50		-880.50	4.00	0.00	-4.00								Limits of 4' Clay Liner
1124	381,720.0	2,200,925.0				876.11		-876.11	880.10		-880.10	4.00	0.00	-4.00								Limits of 4' Clay Liner
1125	381,770.0	2,200,925.0				875.71		-875.71	879.70		-879.70	4.00	0.00	-4.00								Limits of 4' Clay Liner
1126	381,820.0	2,200,925.0				875.31		-875.31	879.31		-879.31	4.00	0.00	-4.00								Limits of 4' Clay Liner
1127	381,870.0	2,200,925.0				874.91		-874.91	878.91		-878.91	4.00	0.00	-4.00								Limits of 4' Clay Liner
1128	381,920.0	2,200,925.0				874.51		-874.51	878.51		-878.51	4.00	0.00	-4.00								Limits of 4' Clay Liner
1129	381,318.8	2,200,885.0				879.90		-879.90														Limits of Clay Fill Placement
1130	381,331.2	2,200,885.0				880.02		-880.02	884.02		-884.02	4.00	0.00	-4.00								Limits of 4' Clay Liner
1131	381,370.0	2,200,885.0				879.70		-879.70	883.70		-883.70	4.00	0.00	-4.00	887.70		-887.70	4.00	0.00	-4.00		Slope Break
1132	381,420.0	2,200,885.0				879.30		-879.30	883.30		-883.30	4.00	0.00	-4.00	887.30		-887.30	4.00	0.00	-4.00		Slope Break
1133	381,470.0	2,200,885.0				878.90		-878.90	882.90		-882.90	4.00	0.00	-4.00	886.90		-886.90	4.00	0.00	-4.00		Slope Break
1134	381,520.0	2,200,885.0				878.50		-878.50	882.50		-882.50	4.00	0.00	-4.00	886.50		-886.50	4.00	0.00	-4.00		Slope Break
1135	381,570.0	2,200,885.0				878.10		-878.10	882.10		-882.10	4.00	0.00	-4.00	886.10		-886.10	4.00	0.00	-4.00		Slope Break
1136	381,620.0	2,200,885.0				877.70		-877.70	881.70		-881.70	4.00	0.00	-4.00	885.70		-885.70	4.00	0.00	-4.00		Slope Break
1137	381,670.0	2,200,885.0				877.30		-877.30	881.30		-881.30	4.00	0.00	-4.00	885.30		-885.30	4.00	0.00	-4.00		Slope Break
1138	381,720.0	2,200,885.0				876.90		-876.90	880.90		-880.90	4.00	0.00	-4.00	884.90		-884.90	4.00	0.00	-4.00		Slope Break
1139	381,770.0	2,200,885.0				876.50		-876.50	880.50		-880.50	4.00	0.00	-4.00	884.50		-884.50	4.00	0.00	-4.00		Slope Break
1140	381,820.0	2,200,885.0				876.10		-876.10	880.10		-880.10	4.00	0.00	-4.00	884.10		-884.10	4.00	0.00	-4.00		Slope Break
1141	381,870.0	2,200,885.0				875.70		-875.70	879.70		-879.70	4.00	0.00	-4.00	883.70		-883.70	4.00	0.00	-4.00		Slope Break
1142	381,920.0	2,200,885.0				875.30		-875.30	879.30		-879.30	4.00	0.00	-4.00	883.30		-883.30	4.00	0.00	-4.00		Slope Break
1143	381,318.8	2,200,845.0				879.10		-879.10														Limits of Clay Fill Placement
1144	381,331.2	2,200,845.0				879.22		-879.22	883.22		-883.22	4.00	0.00	-4.00								Limits of 4' Clay Liner
1145	381,370.0	2,200,845.0				878.90		-878.90	882.90		-882.90	4.00	0.00	-4.00	886.90		-886.90	4.00	0.00	-4.00		Grid Location
1146	381,420.0	2,200,845.0				878.50		-878.50	882.50		-882.50	4.00	0.00	-4.00	883.50		-883.50	1.00	0.00	-1.00		Grid Location
1147	381,470.0	2,200,845.0				878.10		-878.10	882.10		-882.10	4.00	0.00	-4.00	883.10		-883.10	1.00	0.00	-1.00		Grid Location
1148	381,520.0	2,200,845.0				877.70		-877.70	881.70		-881.70	4.00	0.00	-4.00	882.70		-882.70	1.00	0.00	-1.00		Grid Location
1149	381,570.0	2,200,845.0				877.30		-877.30	881.30		-881.30	4.00	0.00	-4.00	882.30		-882.30	1.00	0.00	-1.00		Grid Location
1150	381,620.0	2,200,845.0				876.90		-876.90	880.90		-880.90	4.00	0.00	-4.00	881.90		-881.90	1.00	0.00	-1.00		Grid Location
1151	381,670.0	2,200,845.0				876.50		-876.50	880.50		-880.50	4.00	0.00	-4.00	881.50		-881.50	1.00	0.00	-1.00		Grid Location
1152	381,720.0	2,200,845.0				876.10		-876.10	880.10		-880.10	4.00	0.00	-4.00	881.10		-881.10	1.00	0.00	-1.00		Grid Location
1153	381,770.0	2,200,845.0				875.70		-875.70	879.70		-879.70	4.00	0.00	-4.00	880.70		-880.70	1.00	0.00	-1.00		Grid Location
1154	381,820.0	2,200,845.0				875.30		-875.30	879.30		-879.30	4.00	0.00	-4.00	880.30		-880.30	1.00	0.00	-1.00		Grid Location
1155	381,870.0	2,200,845.0				874.90		-874.90	878.90		-878.90	4.00	0.00	-4.00	879.90		-879.90	1.00	0.00	-1.00		Grid Location
1156	381,920.0	2,200,845.0				874.51		-874.51	878.50		-878.50	4.00	0.00	-4.00	879.50		-879.50	1.00	0.00	-1.00		Grid Location
1157	381,318.8	2,200,815.0				878.50		-878.50														Limits of Clay Fill Placement
1158	381,331.2	2,200,815.0				878.62		-878.62	882.62		-882.62	4.00	0.00	-4.00								Limits of 4' Clay Liner
1159	381,370.0	2,200,815.0				878.30		-878.30	882.30		-882.30	4.00	0.00	-4.00	886.30		-886.30	4.00	0.00	-4.00		Grid Location
1160	381,420.0	2,200,815.0				877.90		-877.90	881.90		-881.90	4.00	0.00	-4.00	882.90		-882.90	1.00	0.00	-1.00		Grid Location
1161	381,470.0	2,200,815.0				877.50		-877.50	881.50		-881.50	4.00	0.00	-4.00	882.50		-882.50	1.00	0.00	-1.00		Grid Location
1162	381,520.0	2,200,815.0				877.10		-877.10	881.10		-881.10	4.00	0.00	-4.00	882.10		-882.10	1.00	0.00	-1.00		Grid Location
1163	381,570.0	2,200,815.0				876.70		-876.70	880.70		-880.70	4.00	0.00	-4.00	881.70		-881.70	1.00	0.00	-1.00		Grid Location
1164	381,620.0	2,200,815.0				876.31		-876.31	880.30		-880.30	4.00	0.00	-4.00	881.30		-881.30	1.00	0.00	-1.00		Grid Location
1165	381,670.0	2,200,815.0				875.91		-875.91	879.90		-879.90	4.00	0.00	-4.00	880.90		-880.90	1.00	0.00	-1.00		Grid Location
1166	381,720.0	2,200,815.0				875.51		-875.51	879.50		-879.50	4.00	0.00	-4.00	880.50		-880.50	1.00	0.00	-1.00		Grid Location
1167	381,770.0	2,200,815.0				875.11		-875.11	879.10		-879.10	4.00	0.00	-4.00	880.10		-880.10	1.00	0.00	-1.00		Grid Location
1168	381,820.0	2,200,815.0				874.71		-874.71	878.71		-878.71	4.00	0.00	-4.00	879.71		-879.71	1.00	0.00	-1.00		Grid Location
1169	381,870.0	2,200,815.0				874.31		-874.31	878.31		-878.31	4.00	0.00	-4.00	879.31		-879.31	1.00	0.00	-1.00		Grid Location
1170	381,920.0	2,200,815.0				873.91		-873.91	877.91		-877.91	4.00	0.00	-4.00	878.91		-878.91	1.00	0.00	-1.00		Grid Location
1171	381,318.8	2,200,780.0				877.80		-877.80														Limits of Clay Fill Placement
1172	381,331.2	2,200,780.0				877.92		-877.92	881.92		-881.92	4.00	0.00	-4.00								Limits of 4' Clay Liner
1173	381,370.0	2,200,780.0	876.60		-876.60	877.60		-877.60	881.60		-881.60	4.00	0.00	-4.00	885.60		-885.60	4.00	0.00	-4.00		Limits of Gradient Control System
1174	381,420.0	2,200,780.0	876.20		-876.20	877.20		-877.20	881.20		-881.20	4.00	0.00	-4.00	882.20		-882.20	1.00	0.00	-1.00		Limits of Gradient Control System

Table 2  
Clay Liner Grades  
Phase 10 - Cell 2 Construction  
Dane County No. 2 (Rodefild) Landfill

POINT NO.	DESIGN LOCATION		BOTTOM OF GRADIENT LAYER DESIGN ELEVATION			SUBBASE DESIGN ELEVATION			BASE GRADE DESIGN ELEVATION			CLAY LINER THICKNESS			GRANULAR DRAINAGE LAYER LAYER ELEVATION			GRANULAR DRAINAGE LAYER THICKNESS			COMMENTS
	NORTHING	EASTING	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	
<b>TOLERANCE RANGE</b>					+0.00 -0.10			+0.00 -0.10			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00	
1175	381,470.0	2,200,780.0	875.80		-875.80	876.80		-876.80	880.80		-880.80	4.00	0.00	-4.00	881.80		-881.80	1.00	0.00	-1.00	Limits of Gradient Control System
1176	381,520.0	2,200,780.0	875.40		-875.40	876.40		-876.40	880.40		-880.40	4.00	0.00	-4.00	881.40		-881.40	1.00	0.00	-1.00	Limits of Gradient Control System
1177	381,570.0	2,200,780.0	875.00		-875.00	876.00		-876.00	880.00		-880.00	4.00	0.00	-4.00	881.00		-881.00	1.00	0.00	-1.00	Limits of Gradient Control System
1178	381,620.0	2,200,780.0	874.60		-874.60	875.60		-875.60	879.61		-879.61	4.00	0.00	-4.00	880.61		-880.61	1.00	0.00	-1.00	Limits of Gradient Control System
1179	381,670.0	2,200,780.0	874.20		-874.20	875.20		-875.20	879.21		-879.21	4.00	0.00	-4.00	880.21		-880.21	1.00	0.00	-1.00	Limits of Gradient Control System
1180	381,720.0	2,200,780.0	873.80		-873.80	874.80		-874.80	878.81		-878.81	4.00	0.00	-4.00	879.81		-879.81	1.00	0.00	-1.00	Limits of Gradient Control System
1181	381,770.0	2,200,780.0	873.41		-873.41	874.41		-874.41	878.41		-878.41	4.00	0.00	-4.00	879.41		-879.41	1.00	0.00	-1.00	Limits of Gradient Control System
1182	381,820.0	2,200,780.0	873.01		-873.01	874.01		-874.01	878.01		-878.01	4.00	0.00	-4.00	879.01		-879.01	1.00	0.00	-1.00	Limits of Gradient Control System
1183	381,870.0	2,200,780.0	872.61		-872.61	873.61		-873.61	877.61		-877.61	4.00	0.00	-4.00	878.61		-878.61	1.00	0.00	-1.00	Limits of Gradient Control System
1184	381,920.0	2,200,780.0	872.21		-872.21	873.21		-873.21	877.21		-877.21	4.00	0.00	-4.00	878.21		-878.21	1.00	0.00	-1.00	Limits of Gradient Control System
1185	381,318.8	2,200,765.2				877.51		-877.51													Limits of Clay Fill Placement
1186	381,331.2	2,200,765.2				877.62		-877.62	881.62		-881.62	4.00	0.00	-4.00							Limits of 4' Clay Liner
1187	381,370.0	2,200,765.2	876.31		-876.31	877.31		-877.31	881.31		-881.31	4.00	0.00	-4.00	885.31		-885.31	4.00	0.00	-4.00	Edge of Trench
1188	381,420.0	2,200,765.2	875.91		-875.91	876.91		-876.91	880.91		-880.91	4.00	0.00	-4.00	881.91		-881.91	1.00	0.00	-1.00	Edge of Trench
1189	381,470.0	2,200,765.2	875.51		-875.51	876.51		-876.51	880.51		-880.51	4.00	0.00	-4.00	881.51		-881.51	1.00	0.00	-1.00	Edge of Trench
1190	381,520.0	2,200,765.2	875.11		-875.11	876.11		-876.11	880.11		-880.11	4.00	0.00	-4.00	881.11		-881.11	1.00	0.00	-1.00	Edge of Trench
1191	381,570.0	2,200,765.2	874.71		-874.71	875.71		-875.71	879.71		-879.71	4.00	0.00	-4.00	880.71		-880.71	1.00	0.00	-1.00	Edge of Trench
1192	381,620.0	2,200,765.2	874.31		-874.31	875.31		-875.31	879.31		-879.31	4.00	0.00	-4.00	880.31		-880.31	1.00	0.00	-1.00	Edge of Trench
1193	381,670.0	2,200,765.2	873.91		-873.91	874.91		-874.91	878.91		-878.91	4.00	0.00	-4.00	879.91		-879.91	1.00	0.00	-1.00	Edge of Trench
1194	381,720.0	2,200,765.2	873.51		-873.51	874.51		-874.51	878.51		-878.51	4.00	0.00	-4.00	879.51		-879.51	1.00	0.00	-1.00	Edge of Trench
1195	381,770.0	2,200,765.2	873.11		-873.11	874.11		-874.11	878.11		-878.11	4.00	0.00	-4.00	879.11		-879.11	1.00	0.00	-1.00	Edge of Trench
1196	381,820.0	2,200,765.2	872.71		-872.71	873.71		-873.71	877.71		-877.71	4.00	0.00	-4.00	878.71		-878.71	1.00	0.00	-1.00	Edge of Trench
1197	381,870.0	2,200,765.2	872.31		-872.31	873.31		-873.31	877.31		-877.31	4.00	0.00	-4.00	878.31		-878.31	1.00	0.00	-1.00	Edge of Trench
1198	381,920.0	2,200,765.2	871.91		-871.91	872.91		-872.91	876.91		-876.91	4.00	0.00	-4.00	877.91		-877.91	1.00	0.00	-1.00	Edge of Trench
1199	381,318.8	2,200,755.0				873.30		-873.30													Limits of Clay Fill Placement
1200	381,331.2	2,200,755.0				875.92		-875.92	879.92		-879.92	4.00	0.00	-4.00							Limits of 4' Clay Liner
1201	381,370.0	2,200,755.0	874.60		-874.60	875.60		-875.60	879.60		-879.60	4.00	0.00	-4.00	885.10		-885.10	5.50	0.00	-5.50	Centerline of Trench
1202	381,420.0	2,200,755.0	874.20		-874.20	875.20		-875.20	879.20		-879.20	4.00	0.00	-4.00	881.59		-881.59	2.39	0.00	-2.39	Centerline of Trench
1203	381,470.0	2,200,755.0	873.80		-873.80	874.80		-874.80	878.80		-878.80	4.00	0.00	-4.00	881.19		-881.19	2.39	0.00	-2.39	Centerline of Trench
1204	381,520.0	2,200,755.0	873.40		-873.40	874.40		-874.40	878.40		-878.40	4.00	0.00	-4.00	880.79		-880.79	2.39	0.00	-2.39	Centerline of Trench
1205	381,570.0	2,200,755.0	873.00		-873.00	874.00		-874.00	878.00		-878.00	4.00	0.00	-4.00	880.39		-880.39	2.39	0.00	-2.39	Centerline of Trench
1206	381,620.0	2,200,755.0	872.60		-872.60	873.60		-873.60	877.60		-877.60	4.00	0.00	-4.00	879.99		-879.99	2.39	0.00	-2.39	Centerline of Trench
1207	381,670.0	2,200,755.0	872.20		-872.20	873.20		-873.20	877.20		-877.20	4.00	0.00	-4.00	879.59		-879.59	2.39	0.00	-2.39	Centerline of Trench
1208	381,720.0	2,200,755.0	871.80		-871.80	872.80		-872.80	876.80		-876.80	4.00	0.00	-4.00	879.19		-879.19	2.39	0.00	-2.39	Centerline of Trench
1209	381,770.0	2,200,755.0	871.40		-871.40	872.40		-872.40	876.40		-876.40	4.00	0.00	-4.00	878.79		-878.79	2.39	0.00	-2.39	Centerline of Trench
1210	381,820.0	2,200,755.0	871.00		-871.00	872.00		-872.00	876.00		-876.00	4.00	0.00	-4.00	878.39		-878.39	2.39	0.00	-2.39	Centerline of Trench
1211	381,870.0	2,200,755.0	870.60		-870.60	871.60		-871.60	875.60		-875.60	4.00	0.00	-4.00	877.99		-877.99	2.39	0.00	-2.39	Centerline of Trench
1212	381,920.0	2,200,755.0	870.20		-870.20	871.20		-871.20	875.20		-875.20	4.00	0.00	-4.00	877.59		-877.59	2.39	0.00	-2.39	Centerline of Trench
1213	381,318.8	2,200,744.8				877.51		-877.51													Limits of Clay Fill Placement
1214	381,331.2	2,200,744.8				877.62		-877.62	881.62		-881.62	4.00	0.00	-4.00							Limits of 4' Clay Liner
1215	381,370.0	2,200,744.8	876.31		-876.31	877.31		-877.31	881.31		-881.31	4.00	0.00	-4.00	885.31		-885.31	4.00	0.00	-4.00	Edge of Trench
1216	381,420.0	2,200,744.8	875.91		-875.91	876.91		-876.91	880.91		-880.91	4.00	0.00	-4.00	881.91		-881.91	1.00	0.00	-1.00	Edge of Trench
1217	381,470.0	2,200,744.8	875.51		-875.51	876.51		-876.51	880.51		-880.51	4.00	0.00	-4.00	881.51		-881.51	1.00	0.00	-1.00	Edge of Trench
1218	381,520.0	2,200,744.8	875.11		-875.11	876.11		-876.11	880.11		-880.11	4.00	0.00	-4.00	881.11		-881.11	1.00	0.00	-1.00	Edge of Trench
1219	381,570.0	2,200,744.8	874.71		-874.71	875.71		-875.71	879.71		-879.71	4.00	0.00	-4.00	880.71		-880.71	1.00	0.00	-1.00	Edge of Trench
1220	381,620.0	2,200,744.8	874.31		-874.31	875.31		-875.31	879.31		-879.31	4.00	0.00	-4.00	880.31		-880.31	1.00	0.00	-1.00	Edge of Trench
1221	381,670.0	2,200,744.8	873.91		-873.91	874.91		-874.91	878.91		-878.91	4.00	0.00	-4.00	879.91		-879.91	1.00	0.00	-1.00	Edge of Trench
1222	381,720.0	2,200,744.8	873.51		-873.51	874.51		-874.51	878.51		-878.51	4.00	0.00	-4.00	879.51		-879.51	1.00	0.00	-1.00	Edge of Trench
1223	381,770.0	2,200,744.8	873.11		-873.11	874.11		-874.11	878.11		-878.11	4.00	0.00	-4.00	879.11		-879.11	1.00	0.00	-1.00	Edge of Trench
1224	381,820.0	2,200,744.8	872.71		-872.71	873.71		-873.71	877.71		-877.71	4.00	0.00	-4.00	878.71		-878.71	1.00	0.00	-1.00	Edge of Trench
1225	381,870.0	2,200,744.8	872.31		-872.31	873.31		-873.31	877.31		-877.31	4.00	0.00	-4.00	878.31		-878.31	1.00	0.00	-1.00	Edge of Trench
1226	381,920.0	2,200,744.8	871.91		-871.91	872.91		-872.91	876.91		-876.91	4.00	0.00	-4.00	877.91		-877.91	1.00	0.00	-1.00	Edge of Trench
1227	381,318.8	2,200,730.0				877.80		-877.80													Limits of Clay Fill Placement

Table 2  
Clay Liner Grades  
Phase 10 - Cell 2 Construction  
Dane County No. 2 (Rodef) Landfill

POINT NO.	DESIGN LOCATION		BOTTOM OF GRADIENT LAYER			SUBBASE DESIGN			BASE GRADE			CLAY LINER			GRANULAR DRAINAGE LAYER			GRANULAR DRAINAGE LAYER			COMMENTS
			DESIGN ELEVATION			ELEVATION			DESIGN ELEVATION			THICKNESS			LAYER ELEVATION			THICKNESS			
	NORTHING	EASTING	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	
<b>TOLERANCE RANGE</b>					+0.00 -0.10			+0.00 -0.10			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00	
1228	381,331.2	2,200,730.0				877.92		-877.92	881.92		-881.92	4.00	0.00	-4.00							Limits of 4' Clay Liner
1229	381,370.0	2,200,730.0	876.60		-876.60	877.60		-877.60	881.60		-881.60	4.00	0.00	-4.00	885.60		-885.60	4.00	0.00	-4.00	Limits of Gradient Control System
1230	381,420.0	2,200,730.0	876.20		-876.20	877.20		-877.20	881.20		-881.20	4.00	0.00	-4.00	882.20		-882.20	1.00	0.00	-1.00	Limits of Gradient Control System
1231	381,470.0	2,200,730.0	875.80		-875.80	876.80		-876.80	880.80		-880.80	4.00	0.00	-4.00	881.80		-881.80	1.00	0.00	-1.00	Limits of Gradient Control System
1232	381,520.0	2,200,730.0	875.40		-875.40	876.40		-876.40	880.41		-880.41	4.00	0.00	-4.00	881.41		-881.41	1.00	0.00	-1.00	Limits of Gradient Control System
1233	381,570.0	2,200,730.0	875.00		-875.00	876.00		-876.00	880.01		-880.01	4.00	0.00	-4.00	881.01		-881.01	1.00	0.00	-1.00	Limits of Gradient Control System
1234	381,620.0	2,200,730.0	874.60		-874.60	875.60		-875.60	879.61		-879.61	4.00	0.00	-4.00	880.61		-880.61	1.00	0.00	-1.00	Limits of Gradient Control System
1235	381,670.0	2,200,730.0	874.20		-874.20	875.20		-875.20	879.21		-879.21	4.00	0.00	-4.00	880.21		-880.21	1.00	0.00	-1.00	Limits of Gradient Control System
1236	381,720.0	2,200,730.0	873.80		-873.80	874.80		-874.80	878.81		-878.81	4.00	0.00	-4.00	879.81		-879.81	1.00	0.00	-1.00	Limits of Gradient Control System
1237	381,770.0	2,200,730.0	873.40		-873.40	874.40		-874.40	878.41		-878.41	4.00	0.00	-4.00	879.41		-879.41	1.00	0.00	-1.00	Limits of Gradient Control System
1238	381,820.0	2,200,730.0	873.01		-873.01	874.01		-874.01	878.01		-878.01	4.00	0.00	-4.00	879.01		-879.01	1.00	0.00	-1.00	Limits of Gradient Control System
1239	381,870.0	2,200,730.0	872.61		-872.61	873.61		-873.61	877.61		-877.61	4.00	0.00	-4.00	878.61		-878.61	1.00	0.00	-1.00	Limits of Gradient Control System
1240	381,920.0	2,200,730.0	872.21		-872.21	873.21		-873.21	877.21		-877.21	4.00	0.00	-4.00	878.21		-878.21	1.00	0.00	-1.00	Limits of Gradient Control System
1241	381,318.8	2,200,700.0				878.40		-878.40													Limits of Clay Fill Placement
1242	381,331.2	2,200,700.0				878.52		-878.52	882.52		-882.52	4.00	0.00	-4.00							Limits of 4' Clay Liner
1243	381,370.0	2,200,700.0				878.20		-878.20	882.20		-882.20	4.00	0.00	-4.00	886.20		-886.20	4.00	0.00	-4.00	Grid Location
1244	381,420.0	2,200,700.0				877.80		-877.80	881.80		-881.80	4.00	0.00	-4.00	882.80		-882.80	1.00	0.00	-1.00	Grid Location
1245	381,470.0	2,200,700.0				877.40		-877.40	881.40		-881.40	4.00	0.00	-4.00	882.40		-882.40	1.00	0.00	-1.00	Grid Location
1246	381,520.0	2,200,700.0				877.00		-877.00	881.00		-881.00	4.00	0.00	-4.00	882.00		-882.00	1.00	0.00	-1.00	Grid Location
1247	381,570.0	2,200,700.0				876.60		-876.60	880.60		-880.60	4.00	0.00	-4.00	881.60		-881.60	1.00	0.00	-1.00	Grid Location
1248	381,620.0	2,200,700.0				876.20		-876.20	880.20		-880.20	4.00	0.00	-4.00	881.20		-881.20	1.00	0.00	-1.00	Grid Location
1249	381,670.0	2,200,700.0				875.80		-875.80	879.80		-879.80	4.00	0.00	-4.00	880.80		-880.80	1.00	0.00	-1.00	Grid Location
1250	381,720.0	2,200,700.0				875.40		-875.40	879.40		-879.40	4.00	0.00	-4.00	880.40		-880.40	1.00	0.00	-1.00	Grid Location
1251	381,770.0	2,200,700.0				875.00		-875.00	879.00		-879.00	4.00	0.00	-4.00	880.00		-880.00	1.00	0.00	-1.00	Grid Location
1252	381,820.0	2,200,700.0				874.61		-874.61	878.60		-878.60	4.00	0.00	-4.00	879.60		-879.60	1.00	0.00	-1.00	Grid Location
1253	381,870.0	2,200,700.0				874.21		-874.21	878.20		-878.20	4.00	0.00	-4.00	879.20		-879.20	1.00	0.00	-1.00	Grid Location
1254	381,920.0	2,200,700.0				873.80		-873.80	877.81		-877.81	4.00	0.00	-4.00	878.81		-878.81	1.00	0.00	-1.00	Grid Location
1255	381,318.8	2,200,674.2				878.92		-878.92													Limits of Clay Fill Placement
1256	381,331.2	2,200,673.9				879.04		-879.04	883.04		-883.04	4.00	0.00	-4.00							Limits of 4' Clay Liner
1257	381,370.0	2,200,674.9				878.71		-878.71	882.71		-882.71	4.00	0.00	-4.00	886.71		-886.71	4.00	0.00	-4.00	Slope Break
1258	381,420.0	2,200,676.2				878.28		-878.28	882.28		-882.28	4.00	0.00	-4.00	883.28		-883.28	1.00	0.00	-1.00	Slope Break
1259	381,470.0	2,200,677.4				877.86		-877.86	881.86		-881.86	4.00	0.00	-4.00	882.86		-882.86	1.00	0.00	-1.00	Slope Break
1260	381,520.0	2,200,678.7				877.43		-877.43	881.43		-881.43	4.00	0.00	-4.00	882.43		-882.43	1.00	0.00	-1.00	Slope Break
1261	381,570.0	2,200,680.0				877.01		-877.01	881.01		-881.01	4.00	0.00	-4.00	882.01		-882.01	1.00	0.00	-1.00	Slope Break
1262	381,620.0	2,200,681.3				876.58		-876.58	880.58		-880.58	4.00	0.00	-4.00	881.58		-881.58	1.00	0.00	-1.00	Slope Break
1263	381,670.0	2,200,682.5				876.15		-876.15	880.15		-880.15	4.00	0.00	-4.00	881.15		-881.15	1.00	0.00	-1.00	Slope Break
1264	381,720.0	2,200,683.8				875.73		-875.73	879.73		-879.73	4.00	0.00	-4.00	880.73		-880.73	1.00	0.00	-1.00	Slope Break
1265	381,770.0	2,200,685.1				875.30		-875.30	879.30		-879.30	4.00	0.00	-4.00	880.30		-880.30	1.00	0.00	-1.00	Slope Break
1266	381,820.0	2,200,686.4				874.88		-874.88	878.88		-878.88	4.00	0.00	-4.00	879.88		-879.88	1.00	0.00	-1.00	Slope Break
1267	381,870.0	2,200,687.6				874.45		-874.45	878.45		-878.45	4.00	0.00	-4.00	879.45		-879.45	1.00	0.00	-1.00	Slope Break
1268	381,920.0	2,200,688.9				874.03		-874.03	878.03		-878.03	4.00	0.00	-4.00	879.03		-879.03	1.00	0.00	-1.00	Slope Break
1269	381,318.8	2,200,660.0				883.67		-883.67													Limits of Clay Fill Placement
1270	381,331.2	2,200,660.0				883.67		-883.67	887.67		-887.67	4.00	0.00	-4.00							Limits of 4' Clay Liner
1271	381,370.0	2,200,660.0				883.67		-883.67	887.67		-887.67	4.00	0.00	-4.00	888.67		-888.67	1.00	0.00	-1.00	Grid Location
1272	381,420.0	2,200,660.0				883.67		-883.67	887.67		-887.67	4.00	0.00	-4.00	888.67		-888.67	1.00	0.00	-1.00	Grid Location
1273	381,470.0	2,200,660.0				883.67		-883.67	887.67		-887.67	4.00	0.00	-4.00	888.67		-888.67	1.00	0.00	-1.00	Grid Location
1274	381,520.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location
1275	381,570.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location
1276	381,620.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location
1277	381,670.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location
1278	381,720.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location
1279	381,770.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location
1280	381,820.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location

Table 2  
Clay Liner Grades  
Phase 10 - Cell 2 Construction  
Dane County No. 2 (Rodefild) Landfill

POINT NO.	DESIGN LOCATION		BOTTOM OF GRADIENT LAYER DESIGN ELEVATION			SUBBASE DESIGN ELEVATION			BASE GRADE DESIGN ELEVATION			CLAY LINER THICKNESS			GRANULAR DRAINAGE LAYER LAYER ELEVATION			GRANULAR DRAINAGE LAYER THICKNESS			COMMENTS	
	NORTHING	EASTING	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)		
<b>TOLERANCE RANGE</b>					+0.00 -0.10			+0.00 -0.10			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00		
1281	381,870.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location	
1282	381,920.0	2,200,660.0				883.66		-883.66	887.66		-887.66	4.00	0.00	-4.00	888.66		-888.66	1.00	0.00	-1.00	Grid Location	
1283																					<b>NOT USED</b>	
1284																						
1285																						
1286																						
1287																						
1288																						
1289																						
1290																						
1291																						
1292																						
1293																						
1294																						
1295																						
1296																						
1297	381,318.8	2,200,573.0				916.67		-916.67													Limits of Clay Fill Placement	
1298	381,331.2	2,200,573.0				916.72		-916.72	916.72		-916.72	0.00	0.00	0.00							Limits of 4' Clay Liner	
1299	381,370.0	2,200,573.0							916.70		-916.70	916.70	0.00	-916.70	917.70		-917.70	1.00	0.00	-1.00	Vertical Expansion Area	
1300	381,420.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1301	381,470.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1302	381,520.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1303	381,570.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1304	381,620.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1305	381,670.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1306	381,720.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1307	381,770.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1308	381,820.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1309	381,870.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1310	381,920.0	2,200,573.0							916.67		-916.67	916.67	0.00	-916.67	917.67		-917.67	1.00	0.00	-1.00	Vertical Expansion Area	
1311	381,318.8	2,200,530.0				931.00		-931.00													Limits of Clay Fill Placement	
1312	381,331.2	2,200,530.0				931.00		-931.00	931.00		-931.00	0.00	0.00	0.00							Limits of 4' Clay Liner	
1313	381,370.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1314	381,420.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1315	381,470.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1316	381,520.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1317	381,570.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1318	381,620.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1319	381,670.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1320	381,720.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1321	381,770.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1322	381,820.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1323	381,870.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1324	381,920.0	2,200,530.0							931.00		-931.00	931.00	0.00	-931.00	932.00		-932.00	1.00	0.00	-1.00	Vertical Expansion Area	
1325	381,318.8	2,200,490.0				934.20		-934.20													Limits of Clay Fill Placement	
1326	381,331.2	2,200,490.0				934.20		-934.20	934.20		-934.20	0.00	0.00	0.00							Limits of 4' Clay Liner	
1327	381,370.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1328	381,420.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1329	381,470.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1330	381,520.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1331	381,570.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1332	381,620.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1333	381,670.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	

Table 2  
Clay Liner Grades  
Phase 10 - Cell 2 Construction  
Dane County No. 2 (Rodefild) Landfill

POINT NO.	DESIGN LOCATION		BOTTOM OF GRADIENT LAYER DESIGN ELEVATION			SUBBASE DESIGN ELEVATION			BASE GRADE DESIGN ELEVATION			CLAY LINER THICKNESS			GRANULAR DRAINAGE LAYER LAYER ELEVATION			GRANULAR DRAINAGE LAYER THICKNESS			COMMENTS	
	NORTHING	EASTING	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)		
<b>TOLERANCE RANGE</b>					+0.00 -0.10			+0.00 -0.10			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00		
1334	381,720.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1335	381,770.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1336	381,820.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1337	381,870.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1338	381,920.0	2,200,490.0							934.20		-934.20	934.20	0.00	-934.20	935.20		-935.20	1.00	0.00	-1.00	Vertical Expansion Area	
1339	381,318.8	2,200,450.0				937.40		-937.40														Limits of Clay Fill Placement
1340	381,331.2	2,200,450.0				937.40		-937.40	937.40		-937.40	0.00	0.00	0.00								Limits of 4' Clay Liner
1341	381,370.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1342	381,420.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1343	381,470.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1344	381,520.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1345	381,570.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1346	381,620.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1347	381,670.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1348	381,720.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1349	381,770.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1350	381,820.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1351	381,870.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1352	381,920.0	2,200,450.0							937.40		-937.40	937.40	0.00	-937.40	938.40		-938.40	1.00	0.00	-1.00	Vertical Expansion Area	
1353	381,318.8	2,200,410.0				940.20		-940.20														Limits of Clay Fill Placement
1354	381,331.2	2,200,410.0				940.20		-940.20	940.20		-940.20	0.00	0.00	0.00								Limits of 4' Clay Liner
1355	381,370.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1356	381,420.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1357	381,470.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1358	381,520.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1359	381,570.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1360	381,620.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1361	381,670.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1362	381,720.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1363	381,770.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1364	381,820.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1365	381,870.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1366	381,920.0	2,200,410.0							940.20		-940.20	940.20	0.00	-940.20	941.20		-941.20	1.00	0.00	-1.00	Vertical Expansion Area	
1367	381,331.2	2,200,393.2				940.65		-940.65	940.65		-940.65	0.00	0.00	0.00								Limits of 4' Clay Liner
1368	381,370.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1369	381,420.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1370	381,470.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1371	381,520.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1372	381,570.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1373	381,620.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1374	381,670.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1375	381,720.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1376	381,770.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1377	381,820.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1378	381,870.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1379	381,920.0	2,200,393.2							940.65		-940.65	940.65	0.00	-940.65	941.65		-941.65	1.00	0.00	-1.00	Vertical Expansion Area	
1380	381,318.8	2,200,586.5				889.50		-889.50	889.50		-889.50	0.00	0.00	0.00	890.50		-890.50	1.00	0.00	-1.00	Limits of Clay Fill Placement	
1381	381,331.2	2,200,586.8				889.50		-889.50	889.50		-889.50	0.00	0.00	0.00	890.50		-890.50	1.00	0.00	-1.00	Limits of 4' Clay Liner	
1382	381,370.0	2,200,587.9							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill	
1383	381,420.0	2,200,589.3							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill	
1384	381,470.0	2,200,590.6							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill	
1385	381,520.0	2,200,592.0							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill	



Table 2  
Clay Liner Grades  
Phase 10 - Cell 2 Construction  
Dane County No. 2 (Rodefild) Landfill

POINT NO.	DESIGN LOCATION		BOTTOM OF GRADIENT LAYER DESIGN ELEVATION			SUBBASE DESIGN ELEVATION			BASE GRADE DESIGN ELEVATION			CLAY LINER THICKNESS			GRANULAR DRAINAGE LAYER LAYER ELEVATION			GRANULAR DRAINAGE LAYER THICKNESS			COMMENTS
	NORTHING	EASTING	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	DESIGN (ft)	ACTUAL (ft)	DELTA (ft)	
<b>TOLERANCE RANGE</b>					+0.00 -0.10			+0.00 -0.10			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00			+0.10 -0.00	
1386	381,570.0	2,200,593.4							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill
1387	381,620.0	2,200,594.7							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill
1388	381,670.0	2,200,596.1							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill
1389	381,720.0	2,200,597.4							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill
1390	381,770.0	2,200,598.8							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill
1391	381,820.0	2,200,600.2							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill
1392	381,870.0	2,200,601.5							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill
1393	381,920.0	2,200,602.9							889.50		-889.50	889.50	0.00	-889.50	890.50		-890.50	1.00	0.00	-1.00	Liner anchor tie-In to existing landfill

Notes:

1. Refer to Plan Sheet 4 of the construction drawings for Phase 10 - Cell 2 locations of coordinate points.

By: R. Nolden 2016-03-15

Revised 2016-06-22

R. Nolden

Checked: D. Marshall 5/25/16

D. Marshall

Approved: