

West Nassau Landfill - Final Closure
Contract No. CM1734 (Bid No. NC11-004)

2012 DEC 20 PM 2: 15

ALLOWANCE AUTHORIZATION
(Line Item #4)

Issued by: Golder Associates Inc.
To: Comanco Environmental Corporation

Allowance Authorization No.: 25

Date: 12/18/2012

Description: The following allowance is authorized:

1. Shingled sod method for installation post Tropical Storm Debby @ \$0.027/sf. \$ 16,990.37
(Quantity detailed in the attached back-up from Comanco.)

Total: \$ 16,990.37 ✓

Additional Time Authorized: NA Days (Additional days must be approved by written Change Order)

Beginning Allowance Amount: \$ 600,000.00
Allowance Previously Authorized: \$ 354,166.52 ✓
Remaining Allowance Available: \$ 245,833.48 ✓

Amount Authorized by this Allowance: \$ 16,990.37 ✓

Amount Remaining: \$ 228,843.11 ✓ RKT 12/19/12

Issued by: Glenn R. Carwell III, Senior Engineer and Associate Dec. 18, 2012
Golder Associates Date

Accepted by: Clayton Lung, Project Manager 12/18/12
Comanco Environmental Corporation Date

Approved by: Scott Herring, Director of Public Works 12/18/12
Nassau County, Florida Date

Approved by: Charlotte Young, Contracts Administrator 12/28/12
Nassau County, Florida Date



ARC

December 17th, 2012

Mr. Chip Carwell
Golder Associates
9428 Baymeadows Road, Suite 400
Jacksonville, FL 32256

RE: WEST NASSAU LANDFILL CLOSURE I – Allowance Request #25 (Shingled Sod Installation)

Mr. Carwell,

As a result of the damage caused by Tropical Storms Beryl and Debby, it was mutually agreed upon by Nassau County, Golder & Associates and COMANCO that all sod going forward would be installed using a 4"-6" shingle method to help prevent any future wash-outs. By using this method, it cost an additional 15% (~ \$0.027 / SF). Prior to switching to the shingle installation method, there was 902,353 SF of sod installed. Sod installation is now complete with a total of 1,531,626 SF installed (see attached report).

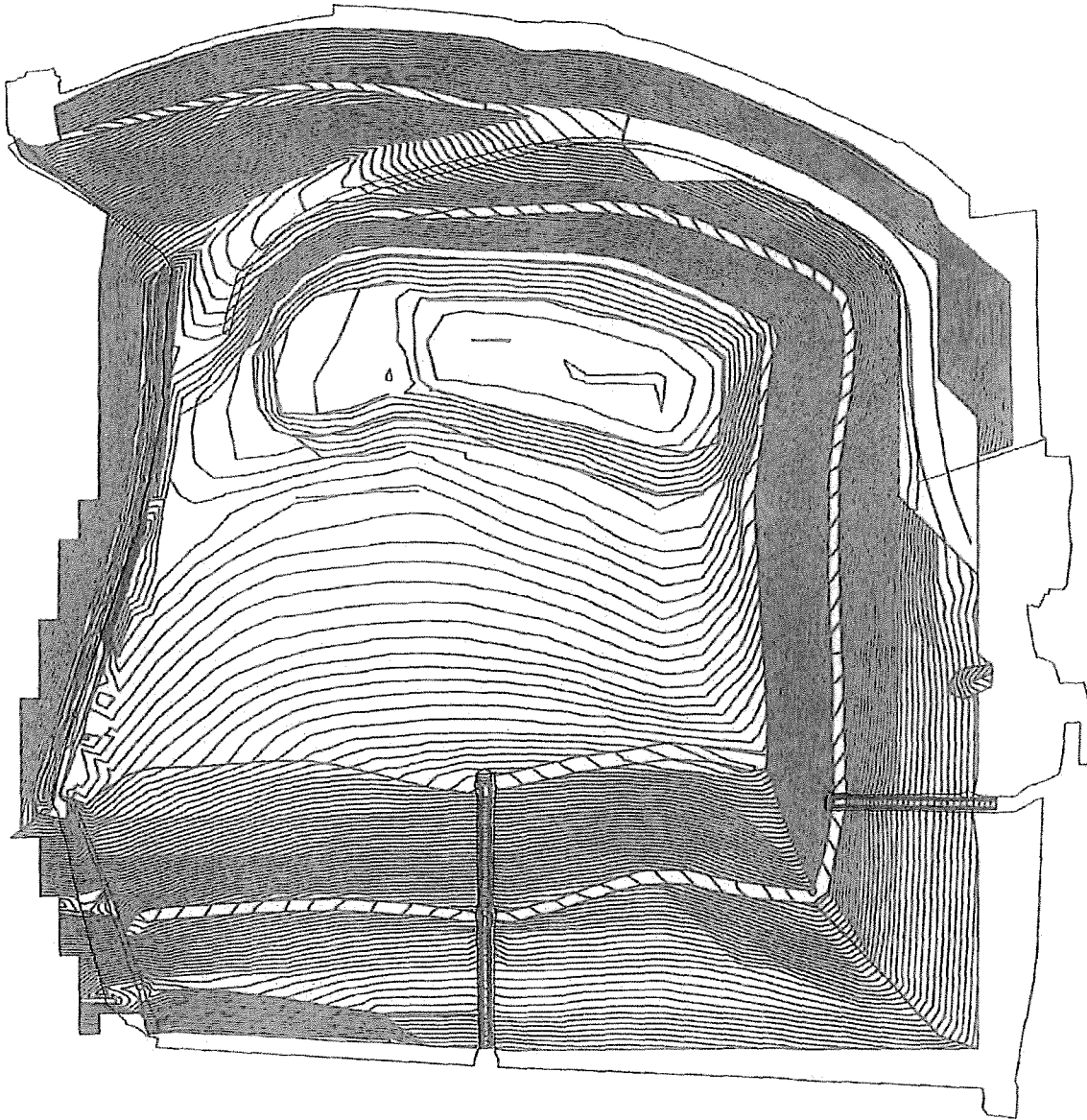
1,531,626 SF – 902,353 SF = **629,273 SF** x \$0.027/SF = **\$16,990.37**.

Sincerely,

Thomas Raab
Project Engineer
COMANCO Environmental Corporation

07114592 Nassau
File: Sod JS 12-12-12.esw

RC



Length/Area Calculation

Layer: Profile Lines
Line: Sod as of 12-12-12

Line Length:	9,724.823	Feet	3,241.6	Yards
Slope Length:	9,724.823	Feet	3,241.6	Yards
Horizontal Area:	1,506,072.814	Sq. Feet	34.6	Acres
Slope Area:	1,531,626.094	Sq. Feet	35.2	Acres

CHANGE ORDER /ALLOWANCE AUTHORIZATION TRACKING SHEET

CO#	AA#	Date	Purpose	Change Order Amount	Supplemental Work Authorization	Contract Time (Days)		Approval Date	Approval By
						Substan.	Final		
1			Quantity adjustment - Line Item #15 Gas Extraction Wells	-\$8,460.00					
	02	10/25/11	Provide topographic surveying services along the perimeter of the limits of construction		\$3,450.00	0	0	11/4/2011	SH
	03	11/14/11	Additional cost for the underdrain system		\$17,831.33	0	0	11/27/2011	SH
	03-B	11/15/12	Additional materials 40-mil UltraFlex Liner		\$6,511.67	0	0	11/27/2011	SH
	01	12/20/11	Additional gas collection and control valves; valve stem extensions		\$8,017.80	0	0	12/28/2012	SH
	04	12/20/11	Furnish 90' of 12" pipe and 40 Fernco fittings		\$2,560.50	0	0	12/28/2011	SH
	05	12/21/11	Rental of a 6" pump and hoses for leachate handling		\$3,757.12	0	0	12/28/2011	SH
	06	12/21/11	Cuts and fills required to field fit the grading for the liner tie-in at the southwest corner of the closure construction limits		\$9,676.25	0	0	12/28/2011	SH
	07	03/01/12	Cuts and fills required to supply and install a 1" airline in lieu of relocating existing airline		\$6,625.00	0	0	3/13/2012	SH
	08	03/14/12	Additional surveying work for out of scope features		\$14,340.50	0	0	3/16/2012	SH
	09	03/15/12	Additional anchor trench required for northern and eastern tie-in		\$8,145.00	0	0	3/16/2012	SH
	10	03/15/12	Excavation work to access pre-existing smooth liner along northern tie-in		\$49,918.68	0	0	3/16/2012	SH
	11	03/15/12	Removal & disposal of pre-existing smooth liner along northern tie-in		\$18,982.60	0	0	3/16/2012	SH
	12	03/15/12	Install one Air System Isolation		\$2,500.00	0	0	3/16/2012	SH
	13	04/13/12	East and southeast culvert installation		\$32,263.19	0	0	4/16/2012	SH
	14	05/30/12	Additional remote wellhead installation		\$2,000.00	0	0	5/30/2012	SH
	15	07/13/12	Additional GFFR Installation		\$8,870.00	0	0	8/29/2012	SH
	16	08/08/12	Additional toe drain installation on North slope		\$12,901.62	0	0	8/9/2012	SH
	17	08/22/12	Additional toe drain installation on North slope		\$28,010.22	0	0	8/23/2012	SH
	18	10/16/12	South slope GFFR remediation		\$52,408.05	0	0	10/18/2012	SH
	19	09/13/12	Additional berm with toe drain installation on south slope		\$21,317.56	0	0	9/14/2012	SH
	20	09/21/12	Additional toe drain installation along roadside channel		\$19,143.64	0	0	10/1/2012	SH
	21	11/06/12	Additional South slope GFFR remediation		\$20,690.14	0	0	11/8/2012	SH
	22	11/12/12	Additional piping for East Slope drainage discharge to perimeter ditch		\$971.52	0	0	11/13/2012	SH
	23	11/26/12	Two gates for new fence along property line		\$1,581.25	0	0	11/26/2012	SH
	24	12/14/12	Surplus granite rock for county's future use		\$1,692.88	0	0	12/17/2012	SH
	25	12/18/12	Shingled sod method for installation post Tropical Storm Debby		\$16,990.37	0	0	12/19/2012	SH
SUBTOTAL- COPs and Allowance Authorizations (Line Item #4)				-\$8,460.00	\$371,156.89	0	0		
PENDING:									
	2	11/12/12	Settlement Claim - Tropical Storm Beryl & Debby	\$107,128.09		30	30		
	3	11/15/12	Additional construction material testing & CQA	-\$5,156.00					
SUBTOTAL- Pending COPs and Allowance Authorizations (Line Item #4)				\$101,972.09	\$0.00	30	30		
TOTAL CHANGE ORDERS				\$93,512.09	\$371,156.89	30	30		

Original Contract Value	\$4,924,873.89	Allowance (Line Item #4)	\$600,000.00
Change Order(s)	\$93,512.09	Allowance Authorizations Approved	\$371,156.89
Total Contract Value	\$5,018,385.98	Remaining Supplemental Work Authorization Available:	\$228,843.11
		Pending Allowance Authorizations:	\$0.00

Date of Notice to Proceed:	7/11/2011		
Contract Dates/Terms:	Contract Dates	Extension	Final Dates
Substantial Completion:	548 01/09/13	30	02/08/13
Final Completion:	45 02/23/13	30	03/25/13

Balance Available: \$228,843.11