

RECEIVED
CONTRACT MANAGEMENT

West Nassau Landfill - Final Closure 2012 MAR 16 AM 11:39
Contract No. CM1734 (Bid No. NC11-004)

ALLOWANCE AUTHORIZATION (Line Item #4)

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

Allowance Authorization No.: 09

Date: 3/15/2012

RECORDED
OFFICE OF CLERK OF COURTS
NASSAU COUNTY, FLORIDA
12 MAR 20 PM 12:59

Description: The following allowance is authorized:

1	Additional anchor trench required for northern and eastern tie-in Total of 1,481 LF includes 258 LF for eastern portion (\$5.50/LF is detailed in the attached back-up from Comanco)	\$	8,145.00
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Total: \$ 8,145.00 ✓

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

Beginning Allowance Amount	\$	600,000.00
Allowance Previously Authorized	\$	72,770.17
Remaining Allowance Available	\$	527,229.83 ✓
Amount Authorized by this Allowance	\$	8,145.00 ✓
Amount Remaining:	\$	519,084.83 ✓ <i>RKH 3/16/12</i>

Glenn R. Carwell III March 15, 2012
 Issued by: Glenn R. Carwell III, Senior Engineer and Associate Date
 Golder Associates

Clayton Lung March 15, 2012
 Accepted by: Clayton Lung Project Manager Date
 Comanco Environmental Corporation

Scott Herring 3/16/12
 Approved by: Scott Herring Director of Public Works Date
 Nassau County, Florida

Charlotte Young 3/16/12
 Approved by: Charlotte Young Contracts Administrator Date
 Nassau County Florida



ENVIRONMENTAL CORPORATION

March 14th, 2012

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

RE: WEST NASSAU LANDFILL CLOSURE I - Allowance Request #9 – Anchor Trench

The work associated with this item includes excavation and backfilling of the new anchor trench – approximately 1,481 LF - in the excavation area on the north end of the closure area once the area has been excavated and the old liner has been removed.

The anchor trench excavation work is estimated to take 37 crew hours and will require the following:

EQUIPMENT: one JD 80 size excavator;
LABOR: one operator, two laborers.

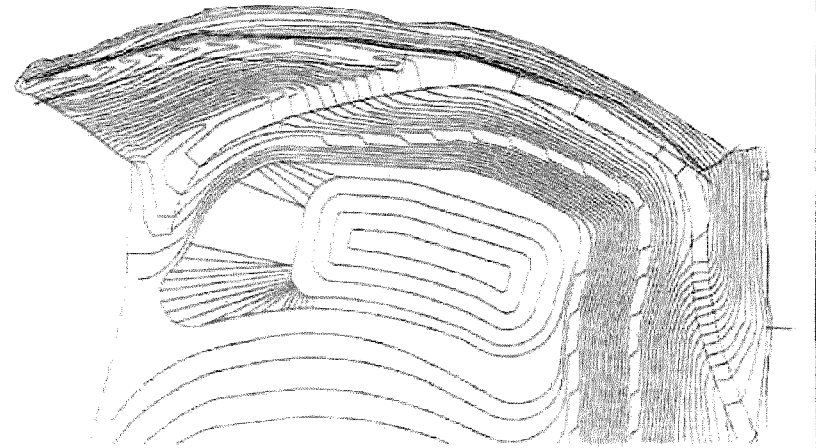
The anchor trench backfilling operation is estimated to take 30 crew hours and will require the following:

EQUIPMENT: one 650 size dozer;
LABOR: one operator, one laborer.

The total costs are as follows: EQUIPMENT - \$3,896 and LABOR - \$4,249 for a total cost of **\$8,145**.

TOTAL COST OF \$8,145 / 1,481 LF = **\$5.5 / LF**

07114592 Nassau
 File: North Excavation CO JS 2-29-12.esw



Red linework represents Golder & Associates assumed dam position

Blue linework represents measured gate position via points

AT length North Side
 1,223 LF

+ AT length East Side
 258 LF

1,481 LF of ANCHOR TRENCH

Volume Report
 Design vs. Existing

	Total	Cut	Area		Volume		Comp/Ratio		Compact		Export Change	
			Fill	OnGrade	Cut	Fill	Cut	Fill	Cut	Fill	Import	Per 1 Ft
Clay Excavation	41,818	20,354	18,578	2,886	810	676	1.00	1.00	810	676	134	155
East End Excavation North Slope	49,786	41,033	7,164	1,599	3,613	262	1.00	1.00	3,613	262	3,351	184
West End Excavation North Slope	52,271	40,055	10,758	1,458	3,829	656	1.00	1.00	3,829	656	3,173	194
Regions Total	143,875	101,442	36,500	5,933	8,252	1,594			8,252	1,594	6,658	633