

RECEIVED  
CONTRACT MANAGEMENT

2011 SEP -9 AM 10:35  
CHANGE ORDER APPROVAL FORM

11 SEP 12 AM 11:07

PROJECT: West Nassau Landfill Closure

CHANGE ORDER NUMBER: 1

DATE: 08/31/11

CONTRACT NUMBER: CM1734

TO CONTRACTOR: COMANCO Environmental Corporation

Reason for Change Order: Reduction in quantity for Line Item #15 - Gas Extraction wells; Reduced quantity 94 LF (from 692 LF to 598 LF) @ \$90.00 LF = \$8,460.00; Revised line item total \$53,820.00.

Original Contract Sum.....	\$	<u>4,924,873.89</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>.00</u>
Contract Sum Prior to This Change Order.....	\$	<u>4,924,873.89</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>(8,460.00)</u>
New Contract Sum Including this Change Order.....	\$	<u>4,916,413.89</u>

APPROVED BY: [Signature]  
Project Manager (Department Head)

DATE: 9/8/11

APPROVED BY: [Signature]  
Contract Manager

DATE: 9/12/11

APPROVED BY: [Signature]  
Director of Office of Management & Budget

DATE: 9-13-11

APPROVED BY: [Signature]  
County Manager

DATE: 9/13/11

RECEIVED  
OFFICE OF CLERK OF COURTS  
NASSAU COUNTY, FLORIDA  
11 SEP 14 PM 4:09

# Change Request Proposal

Project: 07114592 / WEST NASSAU LF CLOSURE  
 (name and address) 46026 LANDFILL RD  
 CALLAHAN, FL 32011

Change request number: 1002  
 Description: Gas Well Actual Quantities  
 Status: 50  
 Origination date: 08/31/11

Customer: BOCC NASSAU COUNTY FLORIDA

### Notice to Proceed

Submitted date: 08/31/11  
 Received date: 08/31/11  
 Rough order of magnitude: 0.00

### Quotation

Submitted date: 08/31/11  
 Due date:  
 Submitted amount: -8,460.00  
 Requested days delay: 0

### Revenue Detail

Billing Group/Item	Description	Quantity	UM	Unit Price	Revenue
15 15	GAS EXTRACTION WELLS	-94.00	LF	90.0000	-8,460.00

**Total Revenue For CR 1002 -8,460.00**

### Approvals

Customer: BOCC NASSAU COUNTY FLORIDA

Authorized Representative: Ted Selby

By: Ted Selby, County Manager

Date: 9/13/11

Contractor: COMANCO Environmental Corp.

By: [Signature]

Date: 9/2/11

### GOLDER ASSOCIATES INC. SUBMITTAL REVIEW

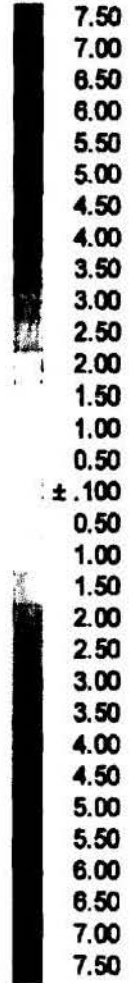
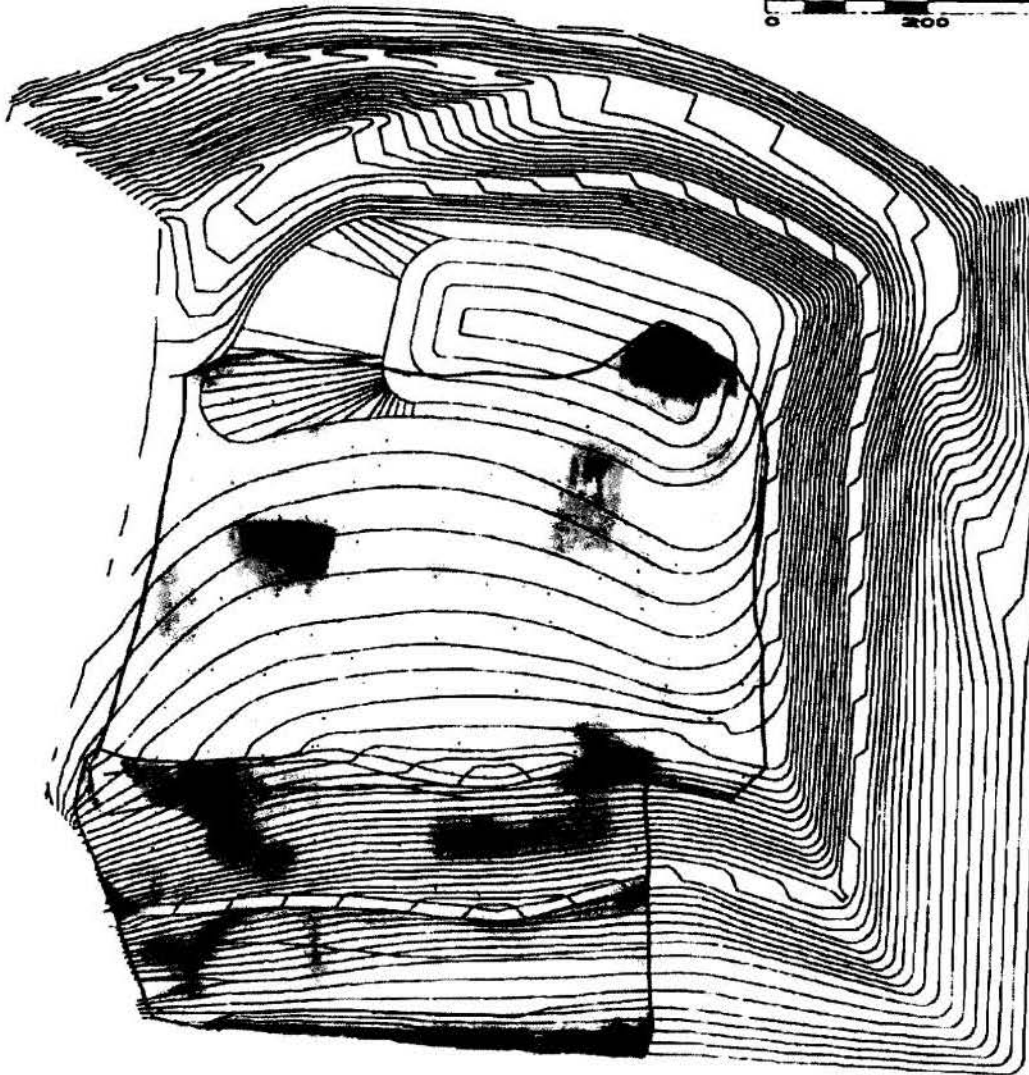
- No Exceptions Taken
- Exceptions as Noted
- Submit Specified Item
- Revise and Resubmit
- Rejected

Reviewed by [Signature] Date 9/2/11

Review is only for general compliance with the information given in the contract documents. Contractor is responsible for conformance with all requirements of the plans and specifications, including, but not limited to, dimensions which shall be conformed and correlated at the job site, fabrication processes and techniques of construction, coordination of work with that of all others and satisfactory performance of all work.

07114592 Nassau

File: Subgrade Trash Relocation JS as of 8-31-11.esw



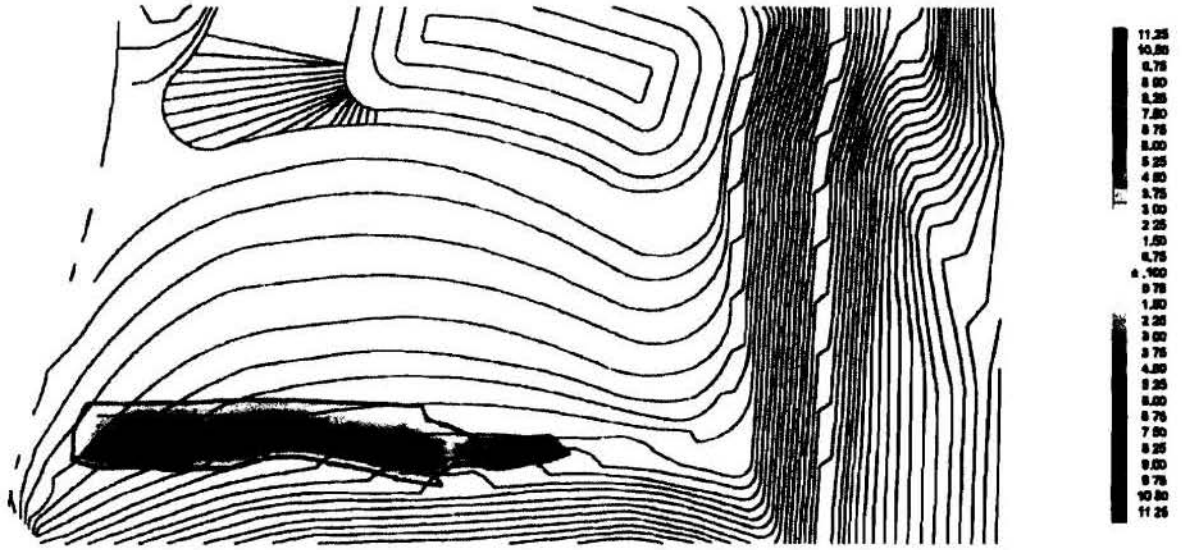
**Volume Report  
Design vs. Existing**

	Total	Cut	Area		OnGrade	Volume		CompRatio		Compact		Export	Change Per 1 Ft
			Fill			Cut	Fill	Cut	Fill	Fill	Import		
Subgrade as of 8-31-11	598,989	359,053	239,820		116	18,357	10,347	1.00	1.00	18,357	10,347	8,010	2,218

*JRC*

07114592 Nassau

File: On-site leveling Stockpile TR 8.31.11.esw



**Volume Report  
Design vs. Existing**

	Total	Cut	Area		OnGrade'	Volume		Comp/Ratio		Compact		Export -Import	Change Per .1 Ft
			Fill	OnGrade'		Cut	Fill	Cut	Fill				
On-site leveling stockpile	40,626	155	40,313	158	3	5,155	1.00	1.00	3	5,155	-5,152	150	

*JRC*

692 LF of well drilling

1. Well drill depth and solid length do not include the above-ground stick-up.
2. Elevations shown are based upon field survey (7/19/11) supplied by Barram trial Surveying through Comano.
3. Drill depths based upon previous landfill gas well installation and base grades taken from design drawings, using a 20-ft vertical offset above the top of protective cover.
4. Above ground stick-up is based upon a 3-ft riser above final grading plan elevations (top of waste design elevation plus 6 feet, 3 feet for final cover system and 3 feet stick-up).

Notes:

WELL ID	NORTHING	EASTING	TOP OF WASTE DESIGN ELEVATION	ACTUAL ELEVATION	WELL DRILL DEPTH (ft)	SCREEN LENGTH (ft)	SOLID LENGTH (ft)	GROUND STICK-UP ABOVE (ft)
GW-14R	12156.8767	8934.3910	100.81	102.40	98	75	20	7.8
GW-23R	11919.1974	9244.3151	87.03	85.80	81	60	20	4.8
GW-24R	12127.4799	8285.6817	97.94	89.11	94	73	20	7.2
GW-26R	11892.0823	9427.7845	85.43	83.20	79	58	20	3.8
GW-28R	12038.1002	9442.5423	98.23	95.34	80	68	20	5.1
GW-30R	12218.8885	9471.5148	108.88	103.28	82	71	20	3.4
GW-33R	11917.2107	9817.4618	87.84	83.95	82	61	20	2.1
GW-34R	12110.4858	9838.9874	89.95	88.95	85	64	20	5.0

60  
78  
82  
80



GCS WELL REPLACEMENT  
FINAL CLOSURE CONSTRUCTION  
WEST MASSAU LANDFILL

APC



Bid Item		
29, 30		\$ 12,034.28
26		\$ 1,841.36
17, 27		\$ 3,772.05
19		\$ 845.15
20, 27, 30		\$ 18,609.06
22, 27		\$ 14,581.57
TOTAL		\$ 51,583.47

**LEGEND**

Bid Item	Description		
17	4" SDR 17 HDPE Pipe		4" HDPE Pipe and Fittings
19	6" SDR 17 HDPE Pipe		6" HDPE Pipe and Fittings
20	8" SDR 17 HDPE Pipe		8" HDPE Pipe and Fittings
22	10" SDR 17 HDPE Pipe		10" HDPE Pipe and Fittings
26	2x4 SDR 17 Dual Contained HDPE Pipe		2" HDPE Pipe and Fittings
27	Valve Relocation		
29	Gas Extraction Well Modifications		8" PVC Pipe and Fittings
30	Remote Wellhead (Downslope) Install		8" PVC Pipe and Fittings

*JRC*

**Charlotte Young**

---

**From:** Carwell, Chip [chip\_carwell@golder.com]  
**Sent:** Friday, September 02, 2011 4:45 PM  
**To:** Charlotte Young  
**Cc:** Becky Hiers; Scott Herring; Becky Diden; Edward Diden; James Kicsak; Troy Watral; Grigg, Don; Casey, Shawn; Brown, Kevin; Thomas Raab  
**Subject:** West Nassau Landfill Closure - Comanco Change Request Proposal Bid Item 15 Gas Extraction Wells  
**Attachments:** SJAX-1-P-KM11090216330.pdf

Hello Charlotte,

Please find attached COMANCO Environmental Corporation's Change Request Proposal for the West Nassau Landfill Final Closure (Contract# CM 1734) Bid Item #15 Gas Extraction Wells, which reflects a reduction in the quantity installed. The cost reduction of \$8,460.00 is reflected in Payment Application #4.

Regards,

Chip Carwell

---

**Chip Carwell, CHMM** | Associate & Senior Engineer | **Golder Associates Inc.**  
9428 Baymeadows Road, Suite 400, Jacksonville, Florida, USA 32256  
T: (904) 363-3430 | D: (904) 421-4234 | F: (904) 363-3445 | C: (904) 234-6378 | E: [chip\\_carwell@golder.com](mailto:chip_carwell@golder.com) | [www.golder.com](http://www.golder.com)  
Licensed P.E. in Georgia and Virginia

***Work Safe, Home Safe***

*This email transmission is confidential and may contain proprietary information for the exclusive use of the intended recipient. Any use, distribution or copying of this transmission, other than by the intended recipient, is strictly prohibited. If you are not the intended recipient, please notify the sender and delete all copies. Electronic media is susceptible to unauthorized modification, deterioration, and incompatibility. Accordingly, the electronic media version of any work product may not be relied upon.*

**Please consider the environment before printing this email.**