

**Munisport Landfill Closure and Remediation
PROGRESS TRACKING SHEET
Grant Escrow Draw No. 9B Revised - Groundwater Pilot Test**

Item	Description	Project Maximum Calculation							PROGRESS TO DATE 6/30/2009						
		Progress Unit	Project Maximum Number of Units	Unit Cost	Base Project Maximum Total	Inflation Adjusted [5] Unit Cost	Inflation Adjusted [5] Project Maximum Total	Revisions	Revised Inflation Adjusted [5] Project Maximum Total	Previous Units/Pct	Previous Applications	Current Number of Units/Pct	Current Amount Due	Units/Pct Completed to date	Total Amount to date
<u>Closure</u>															
1. Mobilization	See Draw Payment Basis	NA	NA	\$ 690,857.55	NA	\$ 690,857.55		\$ 690,857.55	100%	\$ 690,857.55	0%	\$ -	100%	\$ 690,857.55	
2. Grading															
a. Clearing	Acres	164	\$ 4,850.00	795,400.00	\$ 5,184.65	850,282.60		850,282.60	164.00	847,983.56	-	-	164.00	847,983.56	
b. Cut and Chip	Acres	164	\$ 4,425.00	725,700.00	\$ 4,730.33	775,773.30		775,773.30	164.00	773,676.22	-	-	164.00	773,676.22	
c. Lake Shore Regrading	Linear Feet	10,900	\$ 45.97	501,019.00	\$ 49.14	535,589.31		535,589.31	3,046.00	146,914.08	-	-	3,046.00	146,914.08	
d. Rough Grading	Acres	164	\$ 2,500.00	410,000.00	\$ 2,672.50	438,290.00		438,290.00	134.15	356,075.01	-	-	134.15	356,075.01	
e. Remove Unsuitable Material	Acres	164	\$ 1,829.27	299,999.95	\$ 1,955.49	320,699.95		320,699.95	134.15	260,542.69	-	-	134.15	260,542.69	
f. Initial Cover	Acres	164	\$ 9,903.82	1,624,226.48	\$ 10,587.18	1,736,298.11		1,736,298.11	134.15	1,410,600.99	-	-	134.15	1,410,600.99	
g. Temporary Security Fencing	Linear Feet	16,500	\$ 15.00	247,500.00	\$ 16.04	264,577.50		264,577.50	8,164.00	128,862.25	-	-	8,164.00	128,862.25	
	Sub-Total			4,603,845.43		4,921,510.77		4,921,510.77		3,924,654.79				3,924,654.79	
3. Cap and Cover															
a. Final Cover	Acres	164	\$ 33,012.73	5,414,088.00	\$ 35,290.61	5,787,660.07		5,787,660.07	30.69	1,083,068.82	-	-	30.69	1,083,068.82	
b. Ground Cover	Acres	164	\$ 6,602.55	1,082,817.65	\$ 7,058.12	1,157,532.07		1,157,532.07	24.21	170,877.13	-	-	24.21	170,877.13	
	Sub-Total			6,496,905.65		6,945,192.14		6,945,192.14		1,253,945.95				1,253,945.95	
4. Stormwater Management System	Acres	164	\$ 13,591.46	2,229,000.00	\$ 14,529.27	2,382,801.00		2,382,801.00	33.80	491,031.33			33.80	491,031.33	
5. Gas Management System	Percent	NA	NA	487,400.00		521,030.60		521,030.60	8.66%	45,121.25			8.66%	45,121.25	
	Closure Construction Sub-Total			13,817,151.08		14,770,534.51		14,770,534.51		5,714,753.32				5,714,753.32	
6. Other															
a. Closure and Alternate Procedure Permitting	See Draw Payment Basis	NA	NA	726,860.19		660,395.61	66,464.58	726,860.19		726,860.19			100%	726,860.19	
b. Engineering, Mods, Survey Testing, and Inspections	See Draw Payment Basis	NA	NA	1,381,715.11		1,477,053.45		1,477,053.45		571,475.34				571,475.34	
	Sub-Total			2,108,575.30		2,137,449.06	66,464.58	2,203,913.64		1,298,335.53				1,298,335.53	
Total Closure				16,616,583.93		17,598,841.12	66,464.58	17,665,305.70		7,703,946.40				7,703,946.40	
<u>Groundwater Remediation</u>															
1. Bench Scale and Pilot Testing	See Draw Payment Basis	NA	NA	580,152.00		580,151.82		580,151.82		580,151.82				580,151.82	
2. IRAP Prototype	See Draw Payment Basis	NA	NA	1,500,000.00		1,500,000.00		1,500,000.00		1,461,641.19				1,461,641.19	
3. Full Scale Remediation System	Remediation Units Installed	26	\$ 293,807.00	7,638,982.00	\$ 303,943.00	7,902,518.00	(2,659,000.00)	5,243,518.00		-				-	
3 b Funnel & Gate Pilot Test			\$1				2,659,000.00	2,659,000.00				140,041.27		140,041.27	
4. Pre-Closure Operations, Monitoring and Reporting	Remediation Units Installed	27 Units x 7 year	\$ 26,221.00	4,955,769.00	NA	4,955,769.00		4,955,769.00		37,046.00				37,046.00	
Total Groundwater Remediation				\$ 14,674,903.00		14,938,438.82	-	14,938,438.82		2,078,839.01		140,041.27		2,218,880.28	
Sub-Total Project Maximum						32,537,279.94	66,464.58	32,603,744.52		9,782,785.41		140,041.27		9,922,826.68	
Project Management Allowance						500,000.00	(66,464.58)	433,535.42		-				-	
Unallocated Earned Interest @ 9-30-2008							\$ 1,726,419.57	1,726,419.57							
Total Project Maximum [7]						\$ 33,037,279.94	\$ 1,726,419.57	\$ 34,763,699.51		\$ 9,782,785.41		\$ 140,041.27		\$ 9,922,826.68	

TO: CITY OF NORTH MIAMI
776 NE 125th Street
North Miami, FL 33161

PROJECT: MUNISPORT LANDFILL
CLOSURE & REMEDIATION
GRANT ESCROW
DRAW REQ NO. 13

APPLICATION NUMBER : 13
APPLICATION DATE : 5/19/2011
PERIOD :
Actual costs completed through: 4/30/2011
Actual acres completed N/A

Distribution to:
 OWNER
 ARCHITECTS
 CONTRACTOR

FROM: CH2M HILL Engineers, Inc.
1000 Abernathy Road, Suite 1600
Atlanta, GA 30328

CONTRACT FOR

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			ADDITIONS	DEDUCTIONS
Change Order approved in previous months by Owner			Escrow Account Interest Earnings	
TOTAL				
No. 1	31-Jan-06		778,166.09	
No. 2	31-Dec-06		568,677.20	
No. 3	31-Dec-07		1,338,966.70	
No. 4	30-Sep-08		874,756.01	
No. 5	30-Jun-09		176,133.51	
No. 6	10-Feb-10		74,124.65	
No. 7	31-Mar-11		106,753.00	
TOTALS			3,917,577.16	
Net change by Change Orders				

Note: Interest additions are actual cash deposited in Grant Account. Accrued interest earned but not deposited is not included.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for payment has been completed in accordance with the Contract documents, that all amounts have been issued and payments received from the owner, and the current payment shown herein is now due.

CONTRACTOR:

CH2M HILL Engineers, Inc.
1000 Abernathy Road
Suite 1600
Atlanta, GA 30328

BY:  DATE: 19-May-11

Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1 ORIGINAL GRANT FUNDING	\$ 31,027,000.00
2 Net Interest Earned	<u>3,917,577.16</u>
3 Gross Grant Funding Available	\$ 34,944,577.16
4 TOTAL COMPLETED & STORED TO DATE	\$ 10,640,990.42
5 RETAINAGE:	
a) 0% of Completed Work 10% <u>n/a</u>	
b) 0% Stored Materials 10% <u>n/a</u>	
Total Retainage (Line 5a+5b)	<u>\$ -</u>
6 TOTAL EARNED LESS RETAINAGE	\$ 10,640,990.42
(Line 4 less Line 5 Total)	
7 LESS PREVIOUS CERTIFICATE FOR PAYMENT (Line 6 from prior Certificate)	
	\$ 10,529,955.11
8 CURRENT PAYMENT DUE	\$ 111,035.31
9 BALANCE TO FINISH, PLUS RETAINAGE	\$ 24,303,586.74
(Line 3 less Line 6)	

State of: _____ County of: _____
Subscribed and sworn to me before this _____ day of _____, 20__

Notary Public: _____
My Commission expires: _____

CONTRACT FOR

ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the date comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the contract documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED..... **\$ 111,035.31**
(Attach explanation if amount certified differs from the amount applied for)

ENGINEER:

By: _____ Date _____
This certificate is not negotiable. The AMOUNT CERTIFIED is payable to the Contractor name herein. Issuance, payment and acceptance of payment are without prejudice to any rights to the Owner or Contractor under this Contract.

Biscayne Landing
Landfill Closure and Remediation Grant Escrow

Application 13
 Period To:
 Actual costs completed through: 4/30/2011
 Actual acres completed through: N/A

Item	Description	Scheduled Values	Revisions	Revised Schedule Values	Previous Applications	Current Amount Due	Total Amount to Date	Percent Complete	Balance Remaining
Closure									
1.	Mobilization	\$ 690,857.55	\$ -	\$ 690,857.55	\$ 690,857.55	\$ -	\$ 690,857.55	100.00%	\$ -
2.	Grading								
	a. Clearing	850,282.60	-	850,282.60	847,983.56	-	847,983.56	99.73%	2,299.04
	b. Cut and Chip	775,773.30	-	775,773.30	773,676.22	-	773,676.22	99.73%	2,097.08
	c. Lake Shore Regrading	535,589.31	-	535,589.31	146,914.08	-	146,914.08	27.43%	388,675.23
	d. Rough Grading	438,290.00	-	438,290.00	356,075.01	-	356,075.01	81.24%	82,214.99
	e. Remove Unsuitable Material	320,699.95	-	320,699.95	260,542.69	-	260,542.69	81.24%	60,157.26
	f. Initial Cover	1,736,298.11	-	1,736,298.11	1,410,600.99	-	1,410,600.99	81.24%	325,697.12
	g. Temporary Security Fencing	264,577.50	-	264,577.50	128,862.25	-	128,862.25	48.70%	135,715.25
	Sub-Total	4,921,510.77	-	4,921,510.77	3,924,654.79	-	3,924,654.79	79.74%	996,855.97
3.	Cap and Cover								
	a. Final Cover	5,787,660.07	-	5,787,660.07	1,083,068.82	-	1,083,068.82	18.71%	4,704,591.25
	b. Ground Cover	1,157,532.07	-	1,157,532.07	170,877.13	-	170,877.13	14.76%	986,654.94
	Sub-Total	6,945,192.14	-	6,945,192.14	1,253,945.95	-	1,253,945.95	18.05%	5,691,246.19
4.	Stormwater Management System	2,382,801.00	-	2,382,801.00	491,031.33	-	491,031.33	20.61%	1,891,769.67
5.	Gas Management System	521,030.60	-	521,030.60	45,121.25	-	45,121.25	8.66%	475,909.35
	Closure Construction Sub-Total	14,770,534.51	-	14,770,534.51	5,714,753.32	-	5,714,753.32	38.69%	9,055,781.18
6.	Other								
	a. Closure and Alternate Procedure Permitting	660,395.61	66,464.58	726,860.19	726,860.19	-	726,860.19	100.00%	-
	b. Engineering, Mods, Survey Testing, and Inspections	1,477,053.45	-	1,477,053.45	571,475.34	-	571,475.34	38.69%	905,578.11
	Sub-Total	2,137,449.06	66,464.58	2,203,913.64	1,298,335.53	-	1,298,335.53	58.91%	905,578.11
	Total Closure	17,598,841.12	66,464.58	17,665,305.70	7,703,946.40	-	7,703,946.40	43.61%	9,961,359.29
Groundwater Remediation									
1.	Bench Scale and Pilot Testing	580,151.82	-	580,151.82	580,151.82	-	580,151.82	100.00%	-
2.	IRAP Prototype	1,500,000.00	(38,358.81)	1,461,641.19	1,461,641.19	-	1,461,641.19	100.00%	-
3.	Full Scale Remediation System	7,902,518.00	(7,902,518.00)	-	-	-	-	100.00%	-
3(b)	Funnel & Gate Pilot Test		92,398.41	92,398.41	92,398.41		92,398.41	100.00%	-
3(c)	Extraction & Class I Well Disposal		13,171,718.72	13,171,718.72	654,771.29	111,035.31	765,806.60	5.81%	12,405,912.12
4.	Pre-Closure Operations, Monitoring and Reporting	4,955,769.00	(4,918,723.00)	37,046.00	37,046.00	-	37,046.00	100.00%	-
4(a)	Pre-Closure O&M - Extraction and Class I Well		1,405,000.00	1,405,000.00				0.00%	1,405,000.00
	Total Groundwater Remediation	14,938,438.82	1,809,517.32	16,747,956.14	2,826,008.71	111,035.31	2,937,044.02	5.06	13,810,912.12
	Sub-Total Project Maximum	32,537,279.94	1,875,981.90	34,413,261.84	10,529,955.11	111,035.31	10,640,990.42	30.92%	23,772,271.41
	Project Management Allowance	500,000.00	(75,437.68)	424,562.32	-	-	-	0.00%	424,562.32
	Unallocated Earned Interest @ 3-31-11			106,753.00	-	-	-	0.00%	106,753.00
	Total Project Maximum [7]	\$ 33,037,279.94	\$ 1,800,544.22	\$ 34,944,577.16	\$ 10,529,955.11	\$ 111,035.31	\$ 10,640,990.42	30.45%	\$ 24,303,586.74