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May 10, 2010

Mr. Geof Little  
NCDENR  
Division of Waste Management  
1646 Mail Service Center  
Raleigh, North Carolina 27699

**RE: Financial Assurance Estimates  
Coble's Sandrock, Inc. Construction and Demolition Debris Landfill  
Alamance County, North Carolina  
Permit #01-05**

Dear Geof:

On behalf of Coble's Sandrock, Inc., Joyce Engineering, Inc. is providing updated closure and post closure care estimates for financial assurance. This estimate is based on operating cells 1 – 3A of the landfill and reducing the amount of open acreage to a maximum of 16 acres at any given time. This estimate varies from the permit to construct for cell 3 in the following areas:

Closure:

1. Total area reduced to 16 acres from 25. All other items including unit pricing remain the same from the permit to construct.
2. Total cost is reduced from \$518,100 to \$ 335,544.

Post Closure:

1. In general, prices and unit quantities have been updated for 2010 costs as observed by Joyce Engineering, Inc..
2. Monitoring costs have been adjusted to reflect current laboratory pricing and actual gas monitoring costs.
3. Routine maintenance quantities were adjusted to show 1/10 of the total permitted area receiving routine annual maintenance.
4. Well maintenance costs were reduced.
5. Cap repair costs remained unchanged.
6. The total annual cost is reduced from \$36,315 to \$32,211.

The following reflects the total closure and post closure costs for the Coble's Sandrock, LLC. C&D landfill:

	<b>Escalator</b>	<b>Closure Costs</b>	<b>Post Closure Costs</b>	<b>Total Financial Assurance</b>
2010	N/A	\$335,544	\$966,330	\$1,301,874

Enclosed are replacement estimates for the permit to construct application for your use.

Thank you in advance for your assistance with this matter and if you have any questions or concerns please do not hesitate to contact me at 336-323-0092.

Sincerely,  
**JOYCE ENGINEERING, INC.**



Evan Andrews, PE  
Project Manager

C: Coble's Sandrock, Inc.  
Butch Joyce  
Donald Herndon

Enclosure

Proposed Closure Milestones and Schedule

Milestone	Proposed Schedule from the Date of Final Receipt of Waste
Testing of borrow sources	Within 6 months prior to closure
Grading of intermediate cover	Within 30 to 60 days
Placement of soil cap	30 to 150 days
Final inspection of cap by P.E.	150 to 180 days
Construction of stormwater controls	90 to 180 days
Seeding and mulching	150 to 180 days
Preparation of survey plat	180 to 210 days
Submittal of closure certification	180 to 210 days

1. Cost Estimate for Closure

Closure Cost Estimate for Largest Area (16 Acres) To Be Closed At Once

Component	Qty	Unit	Unit Cost (\$)	Total (\$)
Mobilization	1	LS	\$5,000	\$5,000
18" Clay (10 <sup>-5</sup> cm/sec)	38,720	CY	\$3.50	\$135,520
18" Vegetative Soil	38,720	CY	\$3.50	\$135,520
Seeding/Revegetation	16	ACRE	\$1,500	\$24,000
Survey	1	LS	\$5,000	\$5,000
			Subtotal:	\$305,040
Engineering/CQA (~5%)				\$15,252
Contingency (~5%)				\$15,252
			<b>TOTAL</b>	<b>\$335,544</b>

Annual Post Closure Care Cost Estimate

ITEM	UNIT	QUANTITY	UNIT COST	ANNUAL COST
<b>INSPECTIONS/ RECORD KEEPING</b>	per trip	4	\$500	<b>\$2,000</b>
<b>MONITORING</b>				
Explosive gases (quarterly)	per trip	4	\$400	\$1,600
Groundwater/Surfacewater (semi-annually)				
Sampling	per trip	2	\$2,000	\$4,000
Analysis	per trip	2	\$2,300	\$4,600
Reporting	per trip	2	\$3,000	\$6,000
<b>Subtotal</b>				<b>\$16,200</b>
<b>ROUTINE MAINTENANCE</b>				
Mowing	acre	25	\$100	\$2,500
Fertilizing (once every 3 years)	acre	2.5	\$100	\$250
Reseeding (once every 3 years)	acre	2.5	\$1,000	\$2,500
Vector and Rodent Control	acre	25	\$25.0	\$625
<b>Subtotal</b>				<b>\$5,875</b>
<b>WELL MAINTENANCE</b>				
Groundwater Wells	lump sum	1	\$500	\$500
Gas Detection Probes	lump sum	1	\$250	\$250
<b>Subtotal</b>				<b>\$750</b>
<b>CAP REPAIR</b>	lump sum	1	\$5,000	<b>\$5,000</b>
<b>TOTAL OF ABOVE ITEMS</b>				
				<b>\$29,825</b>
<b>ENGINEERING</b>	-	-	3%	\$895
<b>CONTINGENCY</b>	-	-	5%	\$1,491
<b>TOTAL ANNUAL POST-CLOSURE COST (IN 2010 DOLLARS)</b>				<b>\$32,211</b>

Notes:

1. All costs include labor by a third party.
2. Water quality monitoring costs are estimated.
3. Cost for groundwater wells assumes maintenance of each well during the period.
4. Cost for the gas probes assumes maintenance of each probe during the period.