

APPENDIX K

Financial Assessment Support Data

SOLID WASTE DISPOSAL FEES AND INFORMATION

Click [here](#) to download Henderson County's Solid Waste Disposal Guideline Brochure.

All construction and demolition material must be weighed. All permitted solid waste companies with charge accounts, and contractor's vehicles must be weighed.

Transportation

All solid waste and recyclables being transported shall be encased by a tarpaulin, camper cover, metal cover, rigid cover, plastic or suitable material secured to prevent leakage or blowing of materials from the vehicle. This includes adequate coverage for bagged garbage. Please bag all solid waste. Loose waste results in more litter both on site and the surrounding areas.

Bulky waste consisting of large items such as large appliances, furniture, large auto parts, trees and other oversized waste must be secured on vehicle with rope or tie-down cords.

TIPPING FEE- \$52 00 PER TON (Vehicles with dual axle must be weighed)
Effective July 1st, 2008

Flat Fees:

Cars, Passenger Vans, Station Wagons	\$5.00
Cargo Vans & Pick-ups (5 Bags or less)	\$5.00
Cargo Vans (more than 5 Bags or Loose Trash)	\$15.00
Cargo Vans With Single Axle Trailers (\$15. if no material in vehicle)	\$25.00
Cars, Passenger Vans, Station Wagons with Single Axle(\$15. if no material in vehicle)	\$20.00
Pick-ups Without Sideboards (More than 5Bags or Loose Trash)	\$15.00
Pick-ups With Sideboards (More than 5 Bags Or Loose Trash)	\$20.00
Pick-ups With Single Axle Trailers (\$15. if no material in vehicle)	\$30.00

Special Item Disposal

Automobile Batteries

Any retailer that sells batteries will take used batteries in as trade towards a new purchase.

If you are not purchasing a new battery, you may take your used automobile battery to any auto parts store.

Henderson County is now also accepting batteries. They can be taken to the Recycling Center next to the used oil tank.

Pesticides

There is an annual pesticide collection day conducted by the Henderson County Cooperative Extension. For more information, call 697-4891.

Tank Disposal

55-gallon drums: Several (8 or more) holes must be made in both ends to insure emptiness. Drums may then be disposed of in the transfer station at regular fees.

Propane Tanks

Completely empty; with valve REMOVED, may be disposed of at regular fees.

Kerosene and Heating Oil Tanks

Tanks up to 275-gallon capacity need both ends cut off and center section flattened. Tanks over 275-gallon capacity should be cut into sections no larger than 4 feet by 8 feet and placed into transfer station at regular fees.

Oxygen and Acetylene Tanks

Must have valve removed. Dispose in transfer station at regular fees.

Automobile Gas Tanks

Several holes should be punctured to insure emptiness. Dispose of in transfer station at regular fees.

WARNING: Cutting any tank or barrel could be extremely dangerous and should be done by professionals only.

Bagged Leaves

If leaves are contained in bags, please empty in wood waste area and discard bags in nearby dumpsters or take bags with you. DO NOT LEAVE BAGS IN WOOD WASTE AREA!

Tires

Tires must be removed from rims and be free of water and mud. Tires are to be placed in designated tire trailer located in the recycling center. There is a limit of 5 tires per year for free disposal.

Water Heaters

Empty and dispose of in scrap metal area at no charge.

Used Motor Oil and Anti-freeze

Dispose of in labeled barrel located in the recycling center. Containers must be placed in garbage bins.

Household Disposal Only—No Commercial or Fleet Disposal.

White Goods/Metals

Refrigerators, ranges, water heaters, freezers and other similar domestic/commercial large appliances and other metal materials are disposed of in the metal area. NO MATTRESS SPRINGS OR MICROWAVES ALLOWED. DOORS MUST BE REMOVED FROM REFRIGERATORS AND FREEZERS. ALL FOOD MUST BE REMOVED. NO ELECTRONICS IN THIS AREA.

MUNIS FINANCIAL MANAGEMENT SOLUTIONS

WELCOME TO THE NEIGHBORHOOD

03/02/2009 10:57
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HENDERSON COUNTY
INCOME STATEMENT

PG 1
glytdbud

YTD

FOR 2009 08

ACCOUNTS FOR: 60 SOLID WASTE FUND	ORIGINAL APPROP	REVISED BUDGET	YTD ACTUAL	MTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
604472 SOLID WASTE REVENUES							
604472 402500 TRANSFER FROM SEWER D	-50,000	-50,000	.00	.00	.00	-50,000.00	.0%*
604472 403500 TRANSFER FROM GENERAL	-54,000	-54,000	-31,500.00	.00	.00	-22,500.00	58.3%*
604472 453034 MISCELLANEOUS REVENUE	-250	-250	-717.50	-500.00	.00	467.50	287.0%*
604472 458002 STATE REIMBURSEMENTS -	-75,000	-75,000	-84,940.58	-25,063.17	.00	9,940.58	113.3%*
604472 458003 STATE REIMBURSEMENTS -	-45,000	-45,000	-26,652.00	-7,261.38	.00	-18,348.00	59.2%*
604472 458004 STATE GRANT-SCRAP TIR	-45,000	-45,000	.00	.00	.00	-45,000.00	.0%*
604472 478001 RECYCLING REVENUES	-80,000	-80,000	-78,168.44	-105.00	.00	-1,831.56	97.7%*
604472 478002 SOLID WASTE USER FEES	-4,621,300	-4,421,800	-2,498,278.30	-261,922.71	.00	-1,923,521.70	56.5%*
604472 478003 METHANE GAS LICENSE F	-6,000	-6,000	-4,500.00	.00	.00	-1,500.00	75.0%*
604472 478004 SCRAP METAL SALES	-56,000	-56,000	-88,830.77	.00	.00	32,830.77	158.6%*
604472 481001 INTEREST EARNED	-48,182	-48,182	-154,169.51	.00	.00	105,987.51	320.0%*
604472 491001 SALE OF FIXED ASSETS	-20,000	-20,000	-35,015.00	.00	.00	15,015.00	175.1%*
TOTAL UNDEFINED PROJECT	-5,100,732	-4,901,232	-3,002,772.10	-294,852.26	.00	-1,898,459.90	61.3%
TOTAL SOLID WASTE REVENUES	-5,100,732	-4,901,232	-3,002,772.10	-294,852.26	.00	-1,898,459.90	61.3%



MUNIS FINANCIAL MANAGEMENT SOLUTIONS

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INCOME STATEMENT

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YTD

FOR 2009 08

ACCOUNTS FOR:	ORIGINAL APPROP	REVISED BUDGET	YTD ACTUAL	MTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
60 SOLID WASTE FUND							
605472 SOLID WASTE EXPENDITURES							
605472 512100 SALARIES & WAGES-REGU	534,666	477,441	349,778.36	40,556.71	.00	127,662.64	73.3%*
605472 512200 SALARIES & WAGES-OVER	35,000	35,000	12,954.56	1,299.34	.00	22,045.44	37.0%
605472 512600 SALARIES & WAGES-TEMP	40,000	40,000	19,624.74	1,706.05	.00	20,375.26	49.1%
605472 512700 SALARIES & WAGES-CELL	861	861	561.00	66.00	.00	300.00	65.2%
605472 513400 457 SUPP DEFERRED COM	2,502	1,362	763.00	90.00	.00	599.00	56.0%
605472 513500 401(K) SUPP DEFERRED	8,225	8,225	4,122.00	556.00	.00	4,103.00	50.1%
605472 518000 FICA	46,873	42,513	27,464.49	3,142.76	.00	15,048.51	64.6%
605472 518100 RETIREMENT-LGERS	28,580	25,730	17,584.41	2,050.05	.00	8,145.59	68.3%*
605472 518300 MEDICAL INSURANCE	110,627	98,827	70,742.10	7,831.56	.00	28,084.90	71.6%*
605472 518400 DENTAL INSURANCE	5,857	5,232	3,784.25	417.04	.00	1,447.75	72.3%*
605472 518600 WORKERS COMPENSATION	0	0	19.96	.00	.00	-19.96	100.0%*
605472 526000 DEPT SUPPLIES & MATER	100,000	100,000	48,922.84	2,332.68	998.92	50,078.24	49.9%*
605472 526011 RECYCLING SUPPLIES	20,000	20,000	2,593.00	.00	.00	17,407.00	13.0%
605472 526200 DATA PROC SUPPLIES	1,992	1,992	.00	.00	.00	1,992.00	.0%
605472 526201 NON-CAPITAL TECHNOLOG	4,852	4,852	2,522.34	.00	.00	2,329.66	52.0%
605472 532100 TELEPHONE & COMMUNICA	7,000	7,000	3,370.48	201.13	.00	3,629.52	48.1%
605472 532500 POSTAGE	400	400	130.62	.00	.00	269.38	32.7%
605472 534000 UTILITIES	20,000	20,000	10,376.86	1,372.70	.00	9,623.14	51.9%
605472 535100 MAINT & REPAIR-BLDGS	20,000	20,000	9,932.83	50.01	.00	3,697.29	81.5%*
605472 535200 MAINT & REPAIR-EQUIPM	130,000	130,000	135,185.67	6,881.27	6,369.88	-5,185.67	104.0%*
605472 535201 MAINT & REPAIR-RECYCL	5,000	5,000	487.02	.00	.00	4,512.98	9.7%
605472 535300 MAINT & REPAIR-VEHICL	5,000	5,000	8,034.66	83.98	.00	-3,034.66	160.7%*
605472 536000 POST-CLOSURE COSTS	10,000	10,000	15,194.71	.00	.00	-5,194.71	151.9%*
605472 537000 ADVERTISING	5,000	5,000	.00	.00	.00	5,000.00	.0%
605472 537100 TRAVEL & STAFF DEVELO	5,000	5,000	6,447.84	102.46	.00	-1,447.84	129.0%*
605472 538100 PROFESSIONAL SERVICES	50,000	78,500	53,713.04	26,558.75	.00	24,786.96	68.4%*
605472 539000 CONTRACTED SERVICES	35,000	35,000	12,992.26	992.26	.00	22,007.74	37.1%
605472 539004 RECYCLING-HAULING CON	50,000	50,000	31,263.89	6,022.60	.00	18,736.11	62.5%
605472 539005 RECYCLING-PROCESSING	0	0	1,260.25	1,260.25	.00	-1,260.25	100.0%*
605472 539007 METHANE GAS MONITORIN	3,000	3,000	.00	.00	.00	3,000.00	.0%
605472 539011 HAULING CONTRACT	2,976,494	2,854,994	1,556,626.90	190,782.13	.00	1,298,367.10	54.5%
605472 539012 GROUND WATER MONITORI	40,000	40,000	.00	.00	.00	40,000.00	.0%
605472 539013 CONTRACTED SERVICES-T	176,000	176,000	96,496.10	7,132.80	.00	79,503.90	54.8%
605472 539020 HHW ELECTRONICS	50,000	50,000	.00	.00	.00	50,000.00	.0%
605472 547200 DUES & MEMBERSHIPS	1,000	1,000	4,034.00	.00	.00	-3,034.00	403.4%*
605472 547500 RENTAL OF EQUIPMENT	90,000	90,000	29,612.32	4,066.69	.00	60,387.68	32.9%
605472 548000 INDIRECT COSTS	93,182	93,182	.00	.00	.00	93,182.00	.0%
605472 551000 CAPITAL OUTLAY-EQUIPM	75,000	75,000	29,676.00	.00	.00	45,324.00	39.6%
605472 553000 CAPITAL OUTLAY-VEHICL	70,000	41,500	14,400.00	.00	.00	27,100.00	34.7%
605472 554000 CAPITAL OUTLAY-LAND &	15,000	15,000	252,147.59	1,750.00	.00	-237,147.59	1681.0%*



MUNIS FINANCIAL MANAGEMENT SOLUTIONS

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HENDERSON COUNTY
INCOME STATEMENT

PG 3
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YTD

FOR 2009 08

ACCOUNTS FOR:	ORIGINAL APPROP	REVISED BUDGET	YTD ACTUAL	MTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
60 SOLID WASTE FUND							
605472 554001 C/D LANDFILL CONSTRUC	20,000	20,000	21.03	.00	.00	19,978.97	.1%
605472 555000 CAPITAL OUTLAY-BDGS &	5,000	5,000	.00	.00	.00	5,000.00	.0%
605472 569900 PAYMENTS TO OTHER AGENCY	181,772	181,772	80,435.02	.00	.00	101,336.98	44.3%
605472 598080 TRANSFER TO SELF-INS	21,849	21,849	12,745.25	.00	.00	9,103.75	58.3%
TOTAL SOLID WASTE EXPENDITURES	5,100,732	4,901,232	2,926,021.39	307,305.22	7,368.80	1,967,841.81	59.9%
TOTAL SOLID WASTE FUND	0	0	-76,750.71	12,452.96	7,368.80	69,381.91	100.0%
TOTAL REVENUES	-5,100,732	-4,901,232	-3,002,772.10	-294,852.26	.00	-1,898,459.90	
TOTAL EXPENSES	5,100,732	4,901,232	2,926,021.39	307,305.22	7,368.80	1,967,841.81	



MUNIS FINANCIAL MANAGEMENT SOLUTIONS

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HENDERSON COUNTY
INCOME STATEMENT

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YTD

FOR 2009 08

	ORIGINAL APPROP	REVISED BUDGET	YTD ACTUAL	MTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
GRAND TOTAL	0	0	-76,750.71	12,452.96	7,368.80	69,381.91	100.0%

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TECHNOLOGIES

REPORT OPTIONS

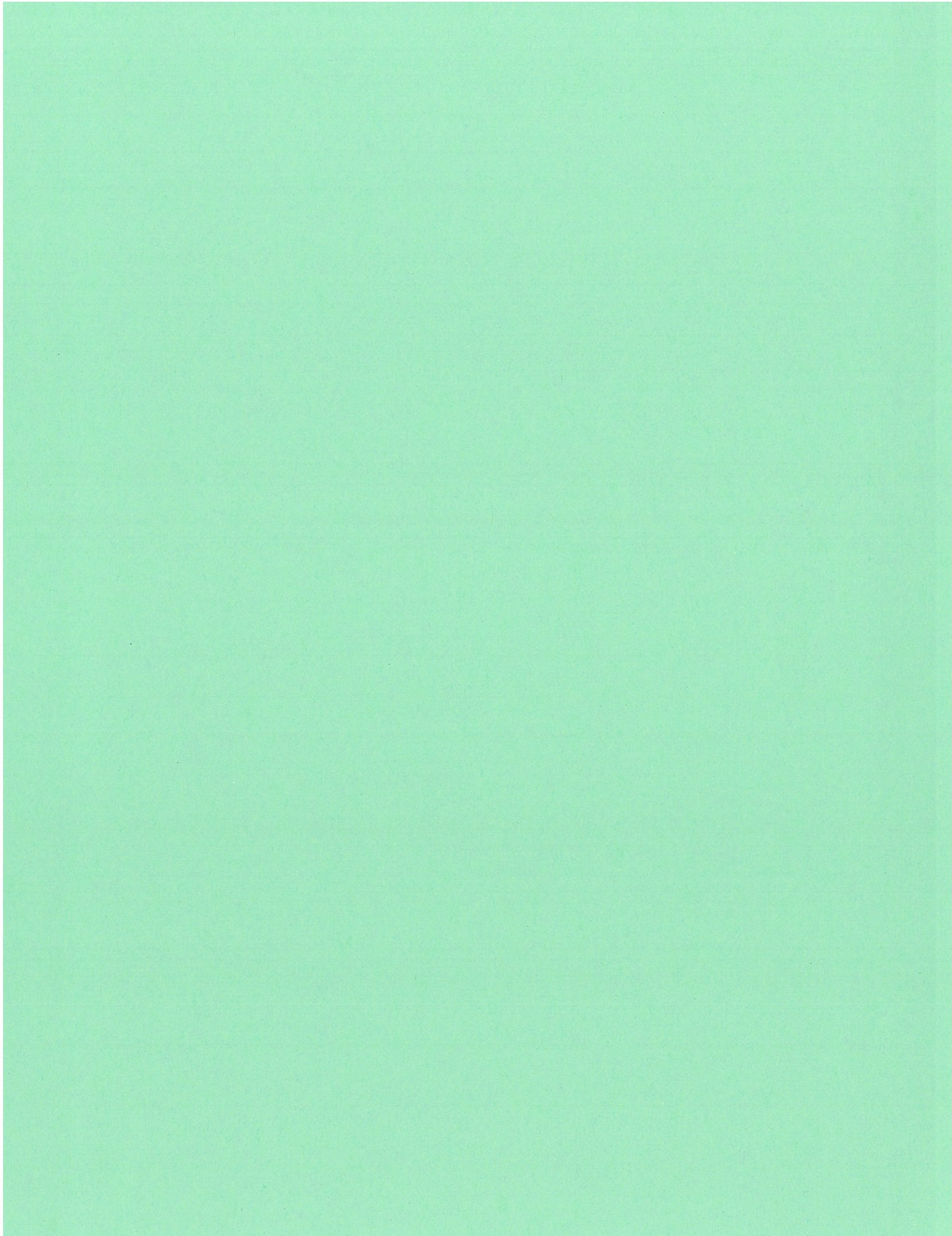
Sequence 1	Field #	Total	Page	Break	Year/Period: 2009/ 8
Sequence 2	1	Y	Y	Y	Print revenue as credit: Y
Sequence 3	9	Y	Y	Y	Print totals only: N
Sequence 4	12	Y	N	N	Suppress zero bal accts: Y
	0	N	N	N	Print full GL account: N

Double space: N
 Roll projects to object: N
 Incl inception to soy: N
 Carry forward code: 1
 Print journal detail: N
 From Yr/Per: 2003/ 5
 To Yr/Per: 2003/ 5
 Include budget entries: Y
 Incl encumb/liq entries: Y
 Sort by JE # or PO #: J
 Detail format option: 1

Report title:
 INCOME STATEMENT
 YTD

Print Full or Short description: F
 Print MTD Version: Y
 Print Revenues-Version headings: N
 Format type: 1
 Print revenue budgets as zero: N
 Include Fund Balance: N
 Include requisition amount: N





**HENDERSON COUNTY
NORTH CAROLINA**

COMPREHENSIVE ANNUAL FINANCIAL REPORT

FOR THE YEAR ENDED JUNE 30, 2008

ENTERPRISE FUND

Enterprise Funds account for the operations financed and operated in a manner similar to private business enterprises – where the intent of the government’s board is that the costs of providing goods or services to the general public on a continuing basis be financed primarily through user charges.

Individual Fund Descriptions:

Landfill Fund – accounts for solid waste collection and disposal operations including recycling in the County that is financed through solid waste fees.

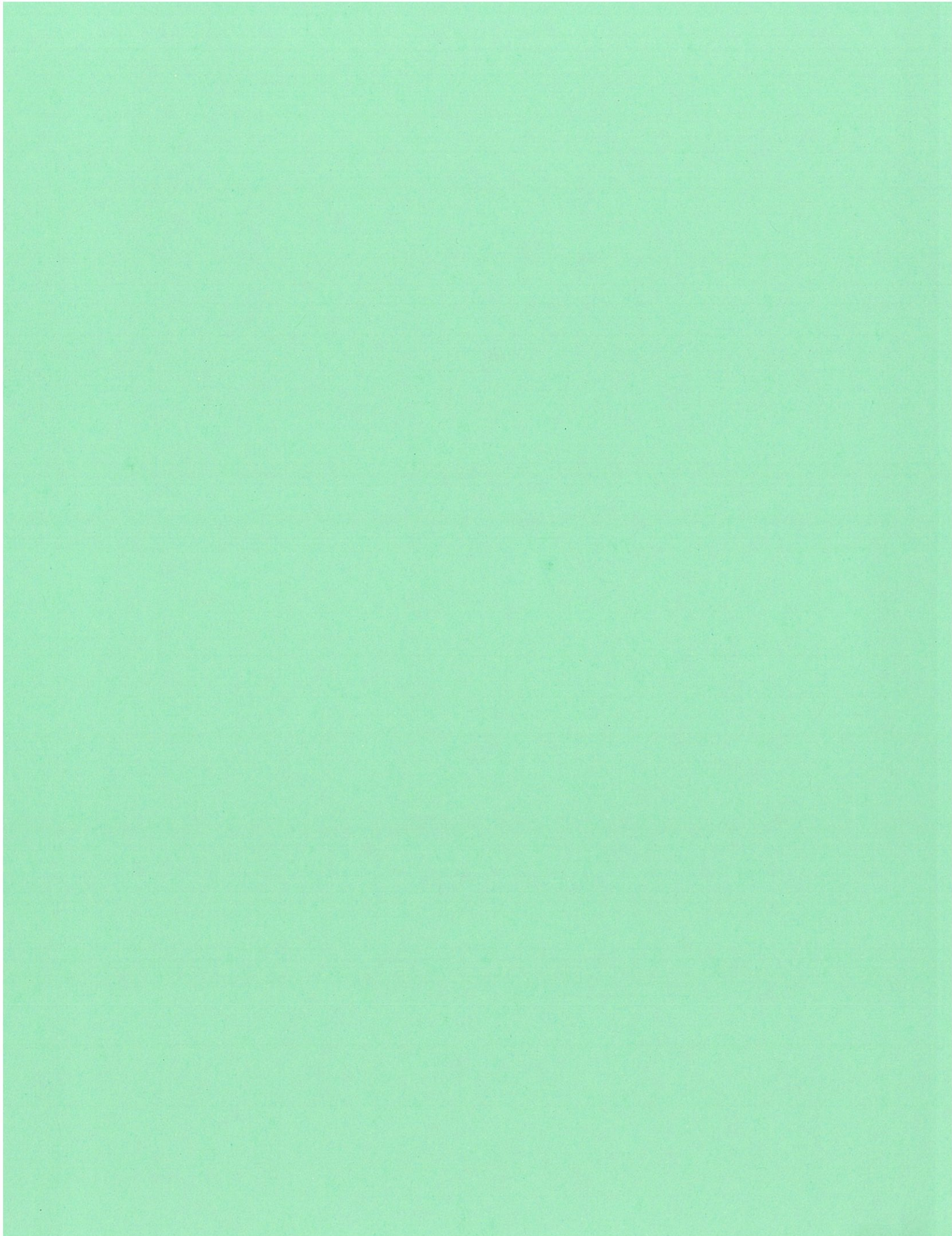
Cane Creek Water and Sewer District Fund – accounts for water and sewer operations in the Cane Creek District financed by user fees.

Justice Academy Sewer Fund – accounts for sewer operations for the Western North Carolina Justice Academy financed by user fees.

HENDERSON COUNTY, NORTH CAROLINA

**LANDFILL FUND
SCHEDULE OF REVENUES AND EXPENDITURES
BUDGET AND ACTUAL (NON-GAAP)
FOR THE YEAR ENDED JUNE 30, 2008**

	<u>Budget</u>	<u>Actual</u>	<u>Variance Over/Under</u>
Revenues:			
Operating revenues	\$ 4,590,144	\$ 5,043,200	\$ 453,056
Nonoperating revenues:			
Interest income	<u>80,000</u>	<u>122,146</u>	<u>42,146</u>
Total revenues	<u>4,670,144</u>	<u>5,165,346</u>	<u>495,202</u>
Expenditures:			
Salaries and employee benefits	786,057	765,561	-
Other operating expenditures	3,601,457	3,143,627	-
Capital outlay	<u>332,630</u>	<u>144,932</u>	<u>-</u>
Total expenditures	<u>4,720,144</u>	<u>4,054,120</u>	<u>666,024</u>
Revenue over (under) expenditures	<u>(50,000)</u>	<u>1,111,226</u>	<u>(170,822)</u>
Other Financing Sources (Uses):			
Transfers in:			
From Sewer Fund	<u>50,000</u>	<u>52,628</u>	<u>2,628</u>
Total other financing sources (uses)	<u>50,000</u>	<u>52,628</u>	<u>2,628</u>
Revenues and other financing sources over (under) expenditures and other financing uses	<u>\$ -</u>	<u>1,163,854</u>	<u>\$ 1,163,854</u>
Reconciliation of modified accrual basis to full accrual basis:			
Reconciling items:			
Capital outlay		144,932	
Depreciation		<u>(83,242)</u>	
Total reconciling items		<u>61,690</u>	
Change in net assets		<u>\$ 1,225,544</u>	



HENDERSON COUNTY NORTH CAROLINA

COMPREHENSIVE ANNUAL FINANCIAL REPORT

FOR THE YEAR ENDED JUNE 30, 2007



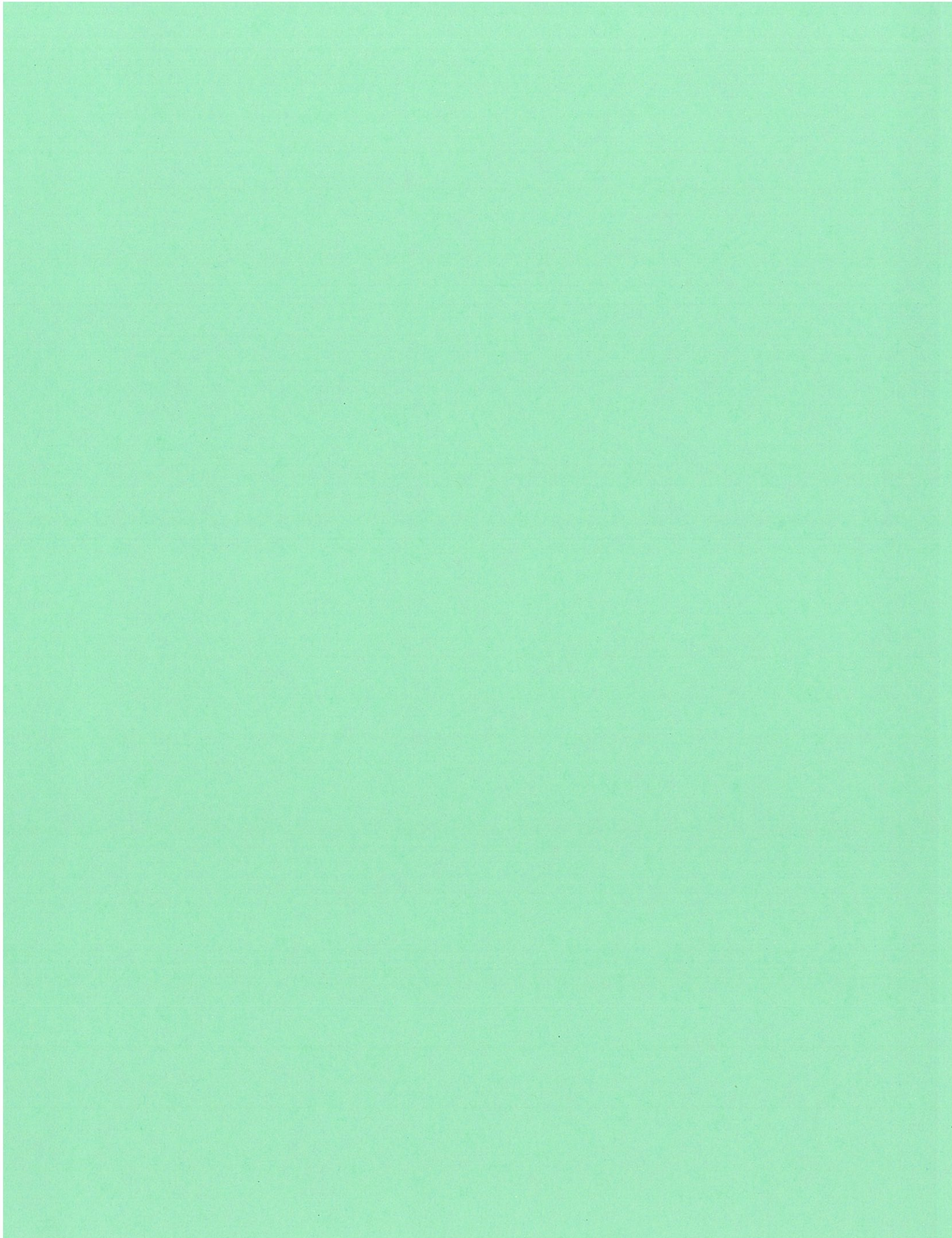
Enterprise Fund

The Enterprise Fund is used to account for solid waste collection and disposal operations in Henderson County that are financed through solid waste fees and operating transfers from the General Fund.

HENDERSON COUNTY, NORTH CAROLINA

LANDFILL FUND
 SCHEDULE OF REVENUES AND EXPENDITURES
 BUDGET AND ACTUAL (NON-GAAP)
 FOR THE YEAR ENDED JUNE 30, 2007

	<u>Budget</u>	<u>Actual</u>	<u>Variance Over/Under</u>
Revenues:			
Operating revenues	\$ 4,267,000	\$ 5,023,856	\$ 756,856
Nonoperating revenues:			
Interest income	<u>80,000</u>	<u>135,719</u>	<u>55,719</u>
Total revenues	<u>4,347,000</u>	<u>5,159,575</u>	<u>812,575</u>
Expenditures:			
Salaries and employee benefits	789,470	682,494	-
Other operating expenditures	3,377,525	3,288,693	-
Capital outlay	<u>1,902,555</u>	<u>1,662,384</u>	<u>-</u>
Total expenditures	<u>6,069,550</u>	<u>5,633,571</u>	<u>435,979</u>
Revenue over (under) expenditures	<u>(1,722,550)</u>	<u>(473,996)</u>	<u>376,596</u>
Other Financing Sources (Uses):			
Transfers in:			
From Sewer Fund	50,000	50,000	-
Appropriated retained earnings	<u>1,672,550</u>	<u>-</u>	<u>(1,672,550)</u>
Total other financing sources (uses)	<u>1,722,550</u>	<u>50,000</u>	<u>(1,672,550)</u>
Revenues and other financing sources over (under) expenditures and other uses	<u>\$ -</u>	<u>(423,996)</u>	<u>\$ (423,996)</u>
Reconciliation of modified accrual basis to full accrual basis:			
Reconciling items:			
Increase in accrued vacation pay		(7,538)	
Capital outlay		1,662,384	
Depreciation		<u>(86,778)</u>	
Total reconciling items		<u>1,568,068</u>	
Change in net assets		<u>\$ 1,144,072</u>	



Henderson County Solid Waste Management Plan
 March 16, 2009

Construct Convenience Centers in Strategic Locations in Unincorporated Areas of County

Assumed: Sites in addition to the Site at Stoney Mountain Landfill
 Households
All Households Responsible for covering construction & operation costs

**TOTAL
 ANNUAL
 ESTIMATED
 COST TO
 OWN & OPER.**

Construction Costs:

Utilized Cost Estimates from Catawba County for Sherrill's Ford Road and Slanting Bridge Road.

Estimated Construction Cost Per Each Site: **\$750,000** to **\$800,000**
 Will use:

5 Sites @ \$800,000 = **\$4,000,000** Capital Investment

Assume finance at 4% over 5 Years
 Capital Recovery Factor is: **0.22463**

Annual Payment on Debt is as follows: **\$4,000,000** at **0.22463** = **\$898,520**

Monthly Cost per Household:

\$898,520 Div. By **31,400** Households = **\$28.62** / Household / Year
\$28.62 / Household / Year Divided by 12 Months / Year =

Labor Costs:

Assumed: One employee on site at all times site is open
 Salary with benefits: / Year
 Site open days per week @ Hours / Day
 Overtime is not paid

Employee Hours: 56 Employee Hours per week
 Use: 60 Hours per Week

Number of employees needed per site:
 60 Employee Hours / Week / by 40 Hrs / Wk = 1.5 Employees
 1.5 Employees / Site x 5 Sites = 7.5 Employees

Use: Employees

Employees @ \$35,000 / Year =

\$280,000 Div. By Households = **\$8.92** / Household / Year
\$8.92 / Household / Year Divided by 12 Months / Year =

\$280,000

Hauling Costs:

Assumed: Pulls Per Day Per Site
 Costs Per Pull
 2 Pulls / Day / Site @ \$100 Per Pull = \$200 / Day / Site
 \$200 / Day / Site @ 30 Days / Month = \$6,000 / Mo. / Site
 \$6,000 / Mo. / Site x Sites x 12 Months / Year =

\$360,000 Div. By Households = **\$11.46** / Household / Year
\$11.46 / Household / Year Divided by 12 Months / Year =

\$360,000

Site Utilities and Maintenance:

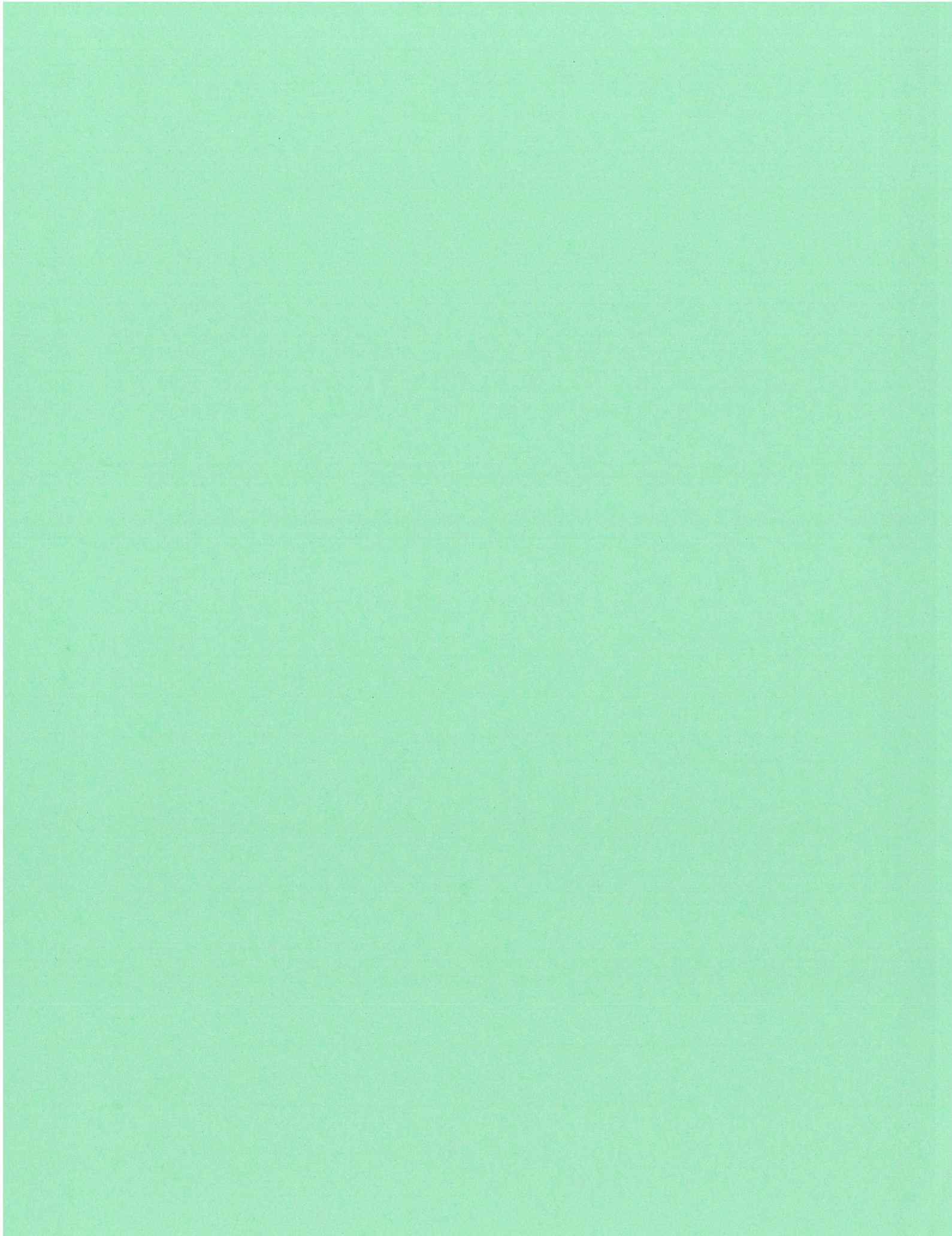
Assumed: / Site / Month
 \$1,000 / Site / Month x Sites x 12 Months / Year =
\$60,000 Div. By Households = **\$1.91** / Household / Year
\$1.91 / Household / Year Divided by 12 Months / Year =

\$60,000

TOTAL ESTIMATED COST PER YEAR

\$1,598,520

TOTAL ESTIMATED COST PER HOUSEHOLD PER YEAR



Cost Breakdowns for Capital Projects

	Citizen's Recycling / Convenience Center	Entrance Facility	Recycle Material Processing Facility	Recycle Transfer Area	Yard Trash / Wood Waste & White Goods-Metal Area	C&D Processing Area	Composting Area	Off Site Recycle Material Processing Facility
Construction Costs	\$1,300,300 (2010 - 2011)	\$1,145,900 (2010 - 2011)	\$2,913,100 (2017 - 2018)	\$99,800 (2010 - 2011)	\$807,980 (2016 - 2017)	\$152,580 (2011 - 2012)	\$248,930 (2013 - 2014)	\$961,600 (2010 - 2011)
Engineering / Planning	\$99,700 (2009 - 2010)	\$90,100 (2009 - 2010)	\$222,800 (2017 - 2018)	\$10,900 (2009 - 2010)	\$61,720 (2015 - 2016)	\$14,520 (2010 - 2011)	\$21,170 (2012 - 2013)	\$88,400 (2009 - 2010)
Total Cost:	\$1,400,000	\$1,236,000	\$3,135,900 (2017 - 2018)	\$110,700	\$869,700	\$167,100	\$270,100	\$1,050,000
			See Notes					

Dates are anticipated implementation dates per meeting with County on 3/2/09.

Notes:

Assumes the recycling pick-line equipment, balers, etc. were purchased as a part of the construction of the off-site recycle material processing facility and will be reused at the on-site facility once constructed. Equipment costs for the pick-line, etc. were removed from the original estimate given the County for this facility; however, a cost was added to cover the disassembly, moving and reassembly of the equipment. Other costs associated ungrading/improvements to a building for use as an off-site recycle material processing facility would generally not be transferable to a new building.

County had mentioned showing the Recycle Material Processing Facility (On-Site Facility) as a single figure for total costs rather than break out the engineering/planning costs in a separate (prior) year.



**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

May 2008

Engineer's Opinion of Probable Cost for					
CITIZEN'S RECYCLING/CONVENIENCE CENTER					
No.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL
1	Mobilization (3% of total)	1	LS	\$35,000	\$35,000
2	Erosion control	1	LS	\$15,000	\$15,000
3	Clearing and grubbing	6.0	AC	\$3,000	\$18,000
4	Earthwork	25,000	CY	\$4	\$100,000
5	Landscaping (including grassing)	1	AC	\$30,000	\$30,000
6	Concrete Retaining Wall	225	CY	\$500	\$112,500
7	Concrete Footing	90	CY	\$500	\$45,000
8	Modular Building for Site Attendant	1	LS	\$25,000	\$25,000
9	Concrete Pads - 8" Thick (below wall) w/ 10" CABC	3,100	SY	\$60	\$186,000
10	Gates & fencing	2,000	LF	\$15	\$30,000
11	Storm Drainage Collection & Piping	1	LS	\$5,000	\$5,000
12	Painted Steel Handrail at household drop-off area	800	LF	\$55	\$44,000
13	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	7,500	SY	\$35	\$262,500
14	Electrical	1	LS	\$20,000	\$20,000
15	Pipe bollards	10	EA	\$400	\$4,000
	Household Hazardous Waste Facility				
16	Building (40'x 30') w/ covered drive through	1,200	SF	\$75	\$90,000
17	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	2,500	SY	\$35	\$87,500
18	Water Supply	1	LS	\$3,000	\$3,000
19	Sanitary Sewer	1	LS	\$5,000	\$5,000
20	Signage	1	LS	\$2,000	\$2,000
21	Pavement Marking	1	LS	\$1,500	\$1,500
	Construction Subtotal				\$1,121,000
	Construction contingency (10%)				\$112,100
	Site Topographic Survey				\$5,000
	Engineering Design and Permitting				\$89,680
	Construction Administration				\$67,260
	Geotechnical Investigation				\$5,000
	Total Project Cost				\$1,400,040

Breakdown Information	
Construction Costs	\$1,300,360
Engineering / Planning	\$99,680
	<hr/>
	\$1,400,040
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AS GIVEN TO THE COUNTY	\$1,400,000
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<u>Breakdown Given to Martin-McGill: 3-3-09</u>	
Construction Costs	\$1,300,300
Engineering / Planning	\$99,700
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	\$1,400,000

**HENDERSON COUNTY, NORTH CAROLINA
STONE MOUNTAIN ROAD SOLID WASTE FACILITY**

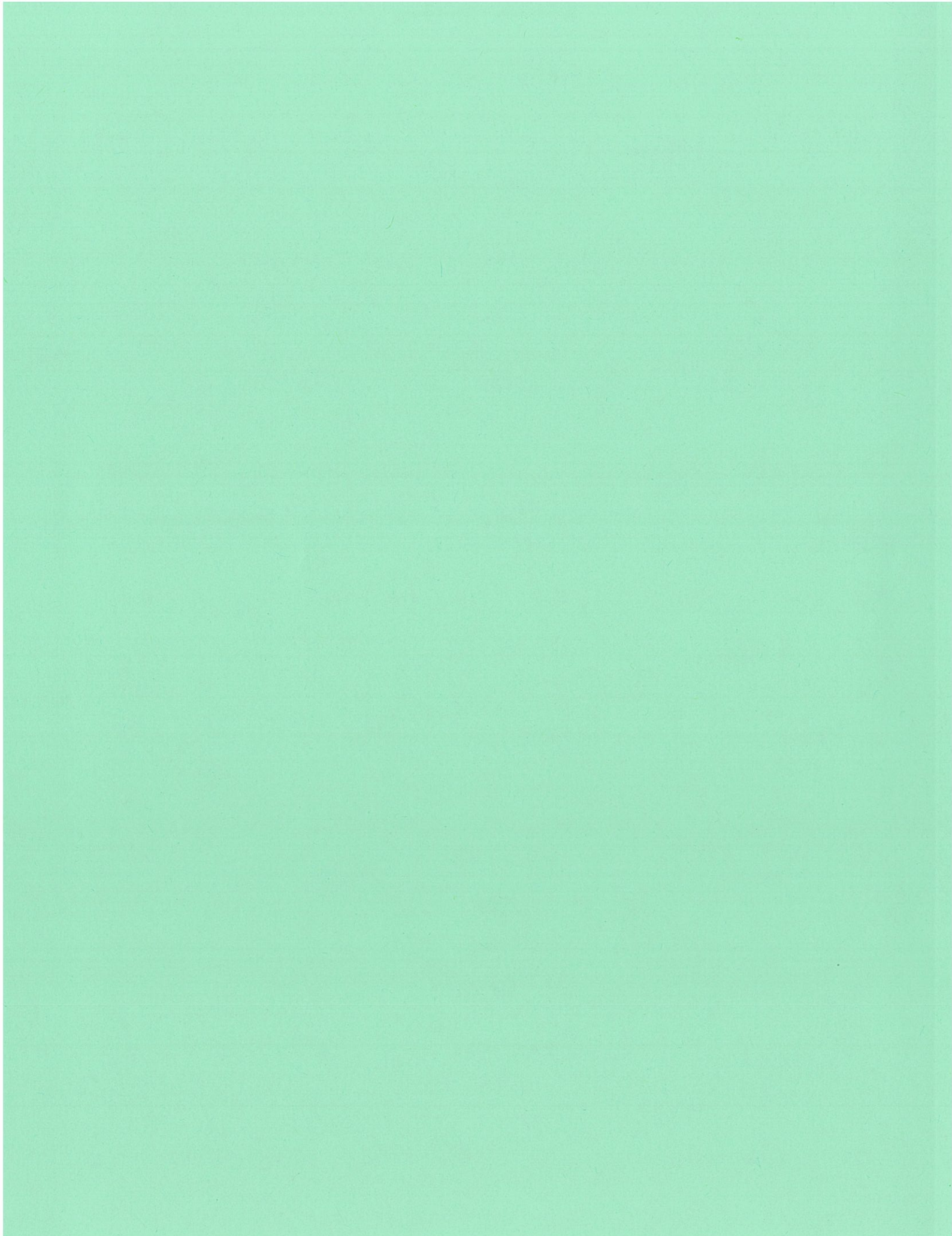
May 2009

Engineer's Opinion of Probable Cost for					
CITIZEN'S RECYCLING/CONVENIENCE CENTER					
PHASE 1 - INITIAL CONSTRUCTION - YEAR 2 (2011)					
No.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL
1	Mobilization (3% of total)	1	LS	\$25,000	\$25,000
2	Erosion control	1	LS	\$12,000	\$12,000
3	Clearing and grubbing	5.0	AC	\$3,000	\$15,000
4	Earthwork	21,000	CY	\$4	\$84,000
5	Landscaping (including grassing)	1	AC	\$27,500	\$27,500
6	Concrete Retaining Wall	115	CY	\$500	\$57,500
7	Concrete Footing	46	CY	\$500	\$23,000
8	Modular Building for Site Attendant	1	LS	\$25,000	\$25,000
9	Concrete Pads - 8" Thick (below wall) w/ 10" CABC	1,600	SY	\$60	\$96,000
10	Gates & fencing	2,000	LF	\$15	\$30,000
11	Storm Drainage Collection & Piping	1	LS	\$4,000	\$4,000
12	Painted Steel Handrail at household drop-off area	400	LF	\$55	\$22,000
13	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	6,000	SY	\$35	\$210,000
14	Electrical	1	LS	\$17,000	\$17,000
15	Pipe bollards	8	EA	\$400	\$3,200
	Household Hazardous Waste Facility				
16	Building (40' x 30') w/ covered drive through	1,200	SF	\$75	\$90,000
17	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	2,500	SY	\$35	\$87,500
18	Water Supply	1	LS	\$3,000	\$3,000
19	Sanitary Sewer	1	LS	\$5,000	\$5,000
20	Signage	1	LS	\$2,000	\$2,000
21	Pavement Marking	1	LS	\$1,500	\$1,500
	Construction Subtotal				\$840,200
	Construction contingency (10%)				\$84,020
	Site Topographic Survey				
	Engineering Design and Permitting				
	Construction Administration				\$50,412
	Geotechnical Investigation				
	Total Project Cost				\$974,632

**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

May 2009

Engineer's Opinion of Probable Cost for					
CITIZEN'S RECYCLING/CONVENIENCE CENTER					
PHASE 2 - CONSTRUCTION - YEAR 6 (2015)					
No.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL
1	Mobilization (3 % of total)	1	LS	\$10,000	\$10,000
2	Erosion control	1	LS	\$3,000	\$3,000
3	Clearing and grubbing	1.0	AC	\$3,000	\$3,000
4	Earthwork	4,000	CY	\$4	\$16,000
5	Landscaping (including grassing)	1	AC	\$2,500	\$2,500
6	Concrete Retaining Wall	110	CY	\$500	\$55,000
7	Concrete Footing	44	CY	\$500	\$22,000
8	Modular Building for Site Attendant		LS	\$25,000	\$0
9	Concrete Pads - 8" Thick (below wall) w/ 10" CABC	1,500	SY	\$60	\$90,000
10	Gates & fencing		LF	\$15	\$0
11	Storm Drainage Collection & Piping	1	LS	\$1,000	\$1,000
12	Painted Steel Handrail at household drop-off area	400	LF	\$55	\$22,000
13	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	1,500	SY	\$35	\$52,500
14	Electrical	1	LS	\$3,000	\$3,000
15	Pipe bollards	2	EA	\$400	\$800
	Household Hazardous Waste Facility				
16	Building (40'x 30') w/ covered drive through		SF	\$75	\$0
17	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)		SY	\$35	\$0
18	Water Supply		LS	\$3,000	\$0
19	Sanitary Sewer		LS	\$5,000	\$0
20	Signage		LS	\$2,000	\$0
21	Pavement Marking		LS	\$1,500	\$0
	Construction Subtotal				\$280,800
	Construction contingency (10%)				\$28,080
	Site Topographic Survey				
	Engineering Design and Permitting				
	Construction Administration				\$16,848
	Geotechnical Investigation				
	Total Project Cost				\$325,728

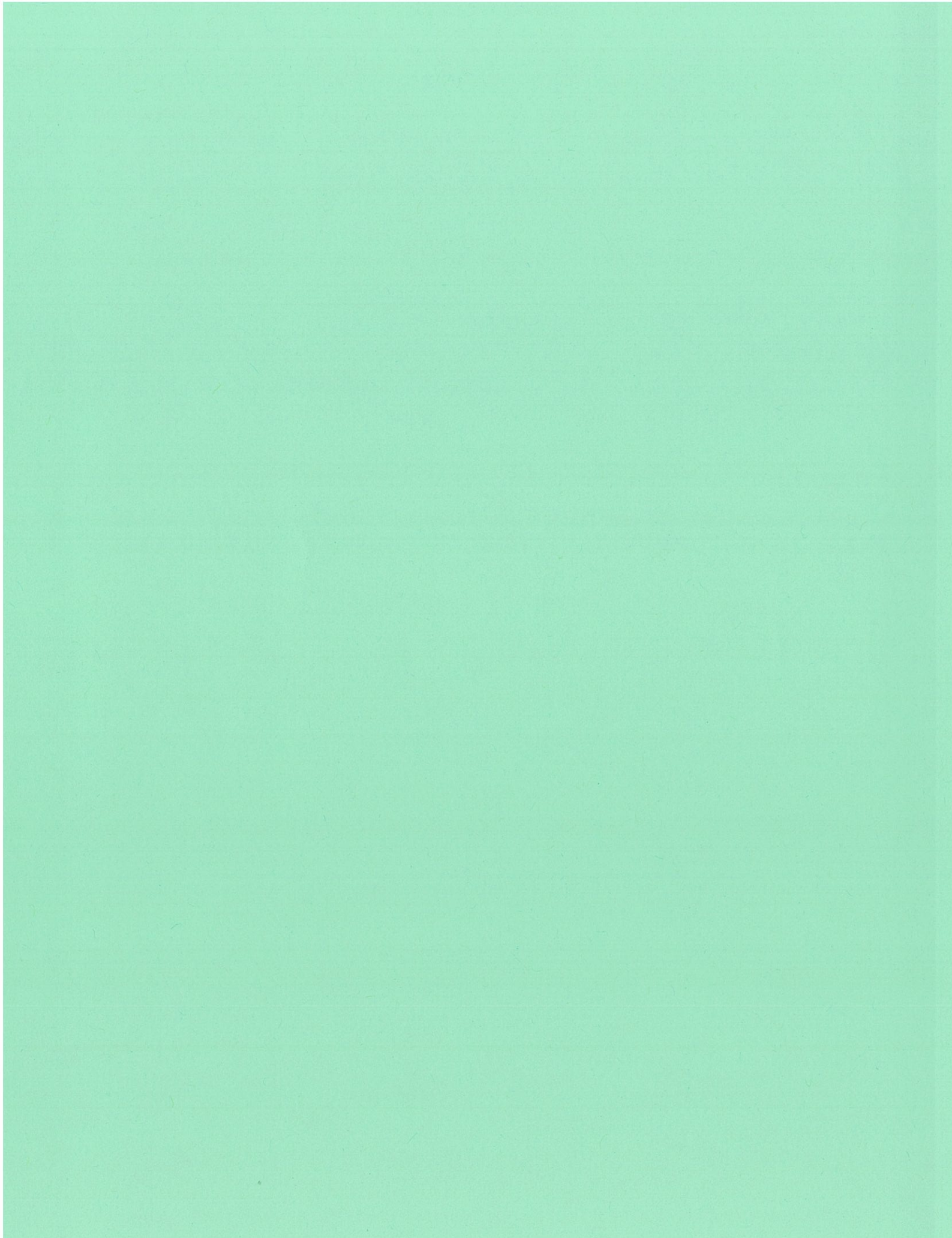


**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

February 2009

Engineer's Opinion of Probable Cost for					
ENTRANCE FACILITY					
No.	Description	Est. Qty	Unit	Unit Price	Extension
1	Mobilization (3% of Total)	1	LS	\$28,771	\$28,771
2	Clearing and Grubbing	4	Ac	\$3,000	\$12,000
3	Erosion & Sediment Control	1	LS	\$15,000	\$15,000
4	Demolition (Concrete Slabs)	7,222	SY	\$5	\$36,110
5	Site Grading (3.44 Ac @ 2')	11,000	Cy	\$4	\$44,000
6	Storm Drainage Collection & Piping	1	LS	\$6,000	\$6,000
7	Stormwater Management Basin	1	LS	\$50,000	\$50,000
8	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	7,189	SY	\$35	\$251,615
9	Resurfacing - (2" S9.5B surface course)	5,978	SY	\$11	\$65,758
10	D.O.T. Entrance w/Turn Lanes	1	LS	\$45,000	\$45,000
11	Scales - Complete w/foundation	2	EA	\$85,000	\$170,000
12	Refurbish Old Scales w/indicator	1	EA	\$25,000	\$25,000
13	Scale House	750	SF	\$125	\$93,750
14	Swing Control Gates	2	EA	\$3,000	\$6,000
15	Concrete Pad - 6" - Truck Staging Area	200	SY	\$50	\$10,000
16	Gravel Surfacing - 6" - Truck Staging Area	1,600	SY	\$8	\$12,800
17	Fencing - 8' Chain Link Fence	650	LF	\$30	\$19,500
18	Traffic Control - St. Mtn. Road	1	LS	\$12,000	\$12,000
19	Electrical	1	LS	\$20,000	\$20,000
20	Water Supply	1	LS	\$5,000	\$5,000
21	Sanitary Sewer	1	LS	\$8,500	\$8,500
22	Traffic Marking	1	LS	\$10,000	\$10,000
23	Signage	1	LS	\$5,000	\$5,000
24	Construction Layout	1	LS	\$12,000	\$12,000
25	Grassing	4	Ac	\$5,000	\$20,000
26	Pipe Bollards	10	EA	\$400	\$4,000
Construction Subtotal					\$987,804
Construction Contingency (10%)					\$98,780
Site Topographic Survey					\$6,000
Engineering Design & Permitting (8%)					\$79,024
Construction Administration (6%)					\$59,268
Geotechnical Investigation					\$5,000
TOTAL ESTIMATED PROJECT COST					\$1,235,877

Breakdown Information	
Construction Costs	\$1,145,853
Engineering / Planning	\$90,024
	\$1,235,877
AS GIVEN TO THE COUNTY	\$1,236,000
<u>Breakdown Given to Martin-McGill: 3-3-09</u>	
Construction Costs	\$1,145,900
Engineering / Planning	\$90,100
	\$1,236,000

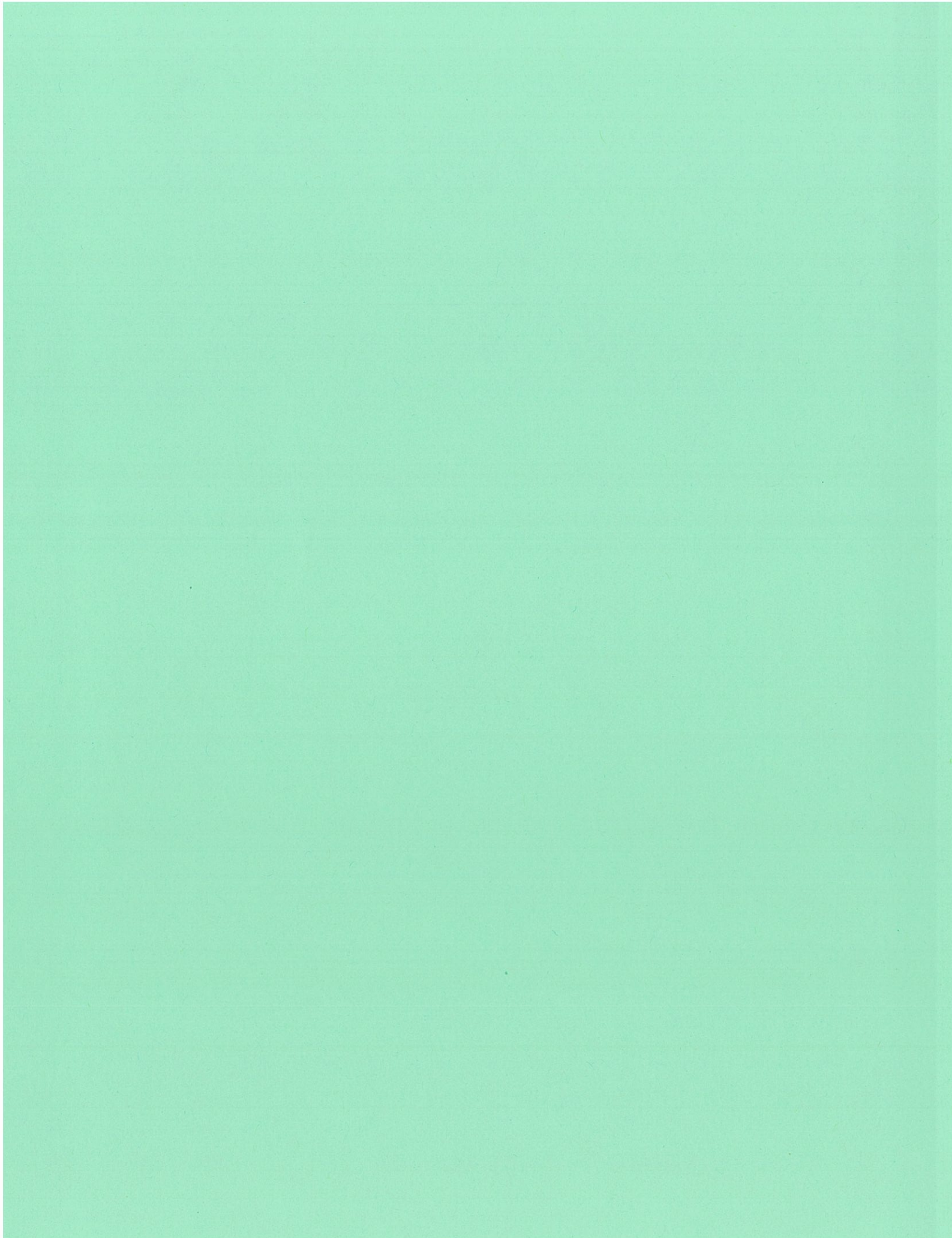


**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

February 2009

Engineer's Opinion of Probable Cost for					
RECYCLE TRANSFER AREA					
No.	Description	Est. Qty	Unit	Unit Price	Extension
1	Mobilization (3% of Total)	1	LS	\$2,506	\$2,506
2	Clearing and Grubbing	1	Ac	\$3,000	\$3,000
3	Erosion & Sediment Control	1	LS	\$2,500	\$2,500
4	Demolition (Concrete Slabs)	1	LS	\$1,500	\$1,500
5	Site Grading (1.0 Ac @ 1')	1,600	Cy	\$4	\$6,400
6	Storm Drainage Collection & Piping	1	LS	\$2,500	\$2,500
9	Concrete Retaining Walls	50	CY	\$500	\$25,000
10	6" Concrete Slab - Top (50'x30')	167	SY	\$50	\$8,350
11	6" Concrete Slab - Botton (12'x50')	67	SY	\$50	\$3,350
12	4' High Concrete Wall	7	CY	\$500	\$3,500
13	12' High Chain Link Fence	62	LF	\$50	\$3,100
16	Gravel Surfacing - 6" - Truck Staging Area	1,667	SY	\$8	\$13,336
17	Signage	1	LS	\$500	\$500
18	Construction Layout	1	LS	\$1,500	\$1,500
19	Grassing	1	Ac	\$5,000	\$5,000
20	Pipe Bollards	10	EA	\$400	\$4,000
Construction Subtotal					\$86,042
Construction Contingency (10%)					\$8,604
Site Topographic Survey					\$1,500
Engineering Design & Permitting (8%)					\$6,883
Construction Administration (6%)					\$5,163
Geotechnical Investigation					\$2,500
TOTAL ESTIMATED PROJECT COST					\$110,692

Breakdown Information	
Construction Costs	\$99,809
Engineering / Planning	\$10,883
	\$110,692
AS GIVEN TO THE COUNTY	\$110,700
<u>Breakdown Given to Martin-McGill: 3-3-09</u>	
Construction Costs	\$99,800
Engineering / Planning	\$10,900
	\$110,700



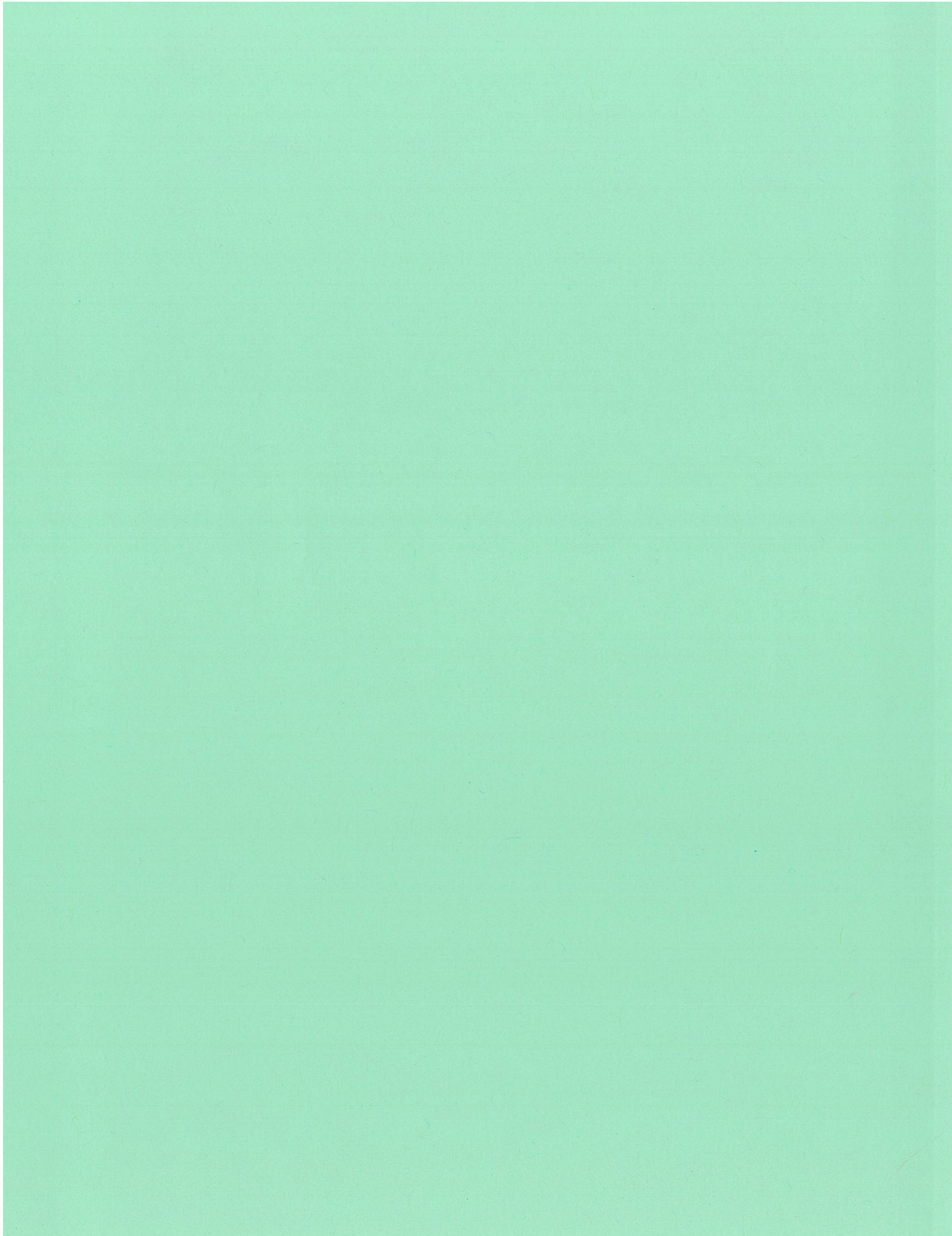
**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

February 2009

Engineer's Opinion of Probable Cost for					
OFF-SITE RECYCLE MATERIAL PROCESSING FACILITY					
No.	Description	Est. Qty	Unit	Unit Price	Extension
1	Mobilization (3% of Total)	1	LS	\$24,141	\$24,141
2	Demolition (Buildings)	10,100	SF	\$2	\$20,200
3	Building Renovations	1	LS	\$60,000	\$60,000
4	Equipment (Pick Line & Baler)	1	LS	\$675,000	\$675,000
5	Electrical	1	LS	\$35,000	\$35,000
6	Water Supply	1	LS	\$3,000	\$3,000
7	Traffic Marking	1	LS	\$2,000	\$2,000
8	Signage	1	LS	\$2,500	\$2,500
9	Construction Layout	1	LS	\$3,000	\$3,000
10	Pipe Bollards	10	EA	\$400	\$4,000
Construction Subtotal					\$828,841
Construction Contingency (10%)					\$82,884
Phase 1 & 2 Environmental Site Assessment					\$15,000
Site Topographic Survey					\$3,500
Engineering Design & Permitting (8%)					\$66,307
Construction Administration (6%)					\$49,730
Geotechnical Investigation					\$3,500
TOTAL ESTIMATED PROJECT COST					\$1,049,763

1. Assume County will utilize existing off-site building. Site will require minimum improvements for use

Breakdown Information	
Construction Costs	\$961,456
Engineering / Planning	\$88,307
	\$1,049,763
AS GIVEN TO THE COUNTY	\$1,050,000
Breakdown Given to Martin-McGill: 3-3-09	
Construction Costs	\$961,600
Engineering / Planning	\$88,400
	\$1,050,000

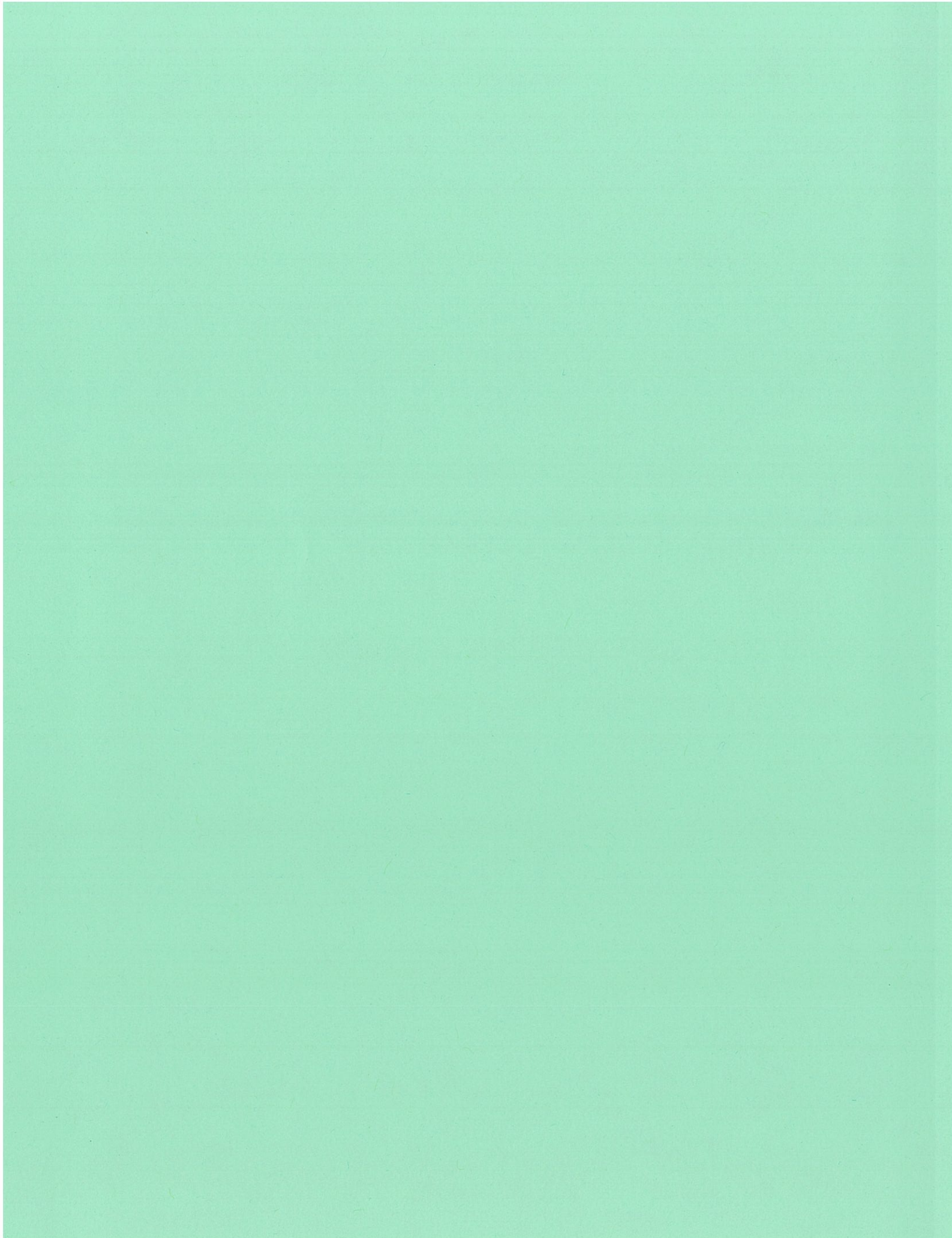


**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

February 2009

Engineer's Opinion of Probable Cost for					
C&D Processing Area					
No.	Description	Est. Qty	Unit	Unit Price	Extension
1	Mobilization (3% of Total)	1	LS	\$3,831	\$3,831
2	Clearing and Grubbing	1	Ac	\$3,000	\$3,000
3	Erosion & Sediment Control	1	LS	\$2,500	\$2,500
5	Site Grading (1.0 Ac @ 1')	1,600	Cy	\$4	\$6,400
6	Concrete Slab - 6" reinforced	778	SY	\$50	\$38,900
7	4' Concrete Wall	24	CY	\$500	\$12,000
8	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	1,400	SY	\$35	\$49,000
9	Fencing - 6' Chain Link Fence	420	LF	\$15	\$6,300
10	Signage	1	LS	\$500	\$500
11	Construction Layout	1	LS	\$2,500	\$2,500
12	Grassing	1	Ac	\$5,000	\$5,000
13	Pipe Bollards	4	EA	\$400	\$1,600
Construction Subtotal					\$131,531
Construction Contingency (10%)					\$13,153
Site Topographic Survey					\$1,500
Engineering Design & Permitting (8%)					\$10,522
Construction Administration (6%)					\$7,892
Geotechnical Investigation					\$2,500
TOTAL ESTIMATED PROJECT COST					\$167,098

Breakdown Information	
Construction Costs	\$152,576
Engineering / Planning	\$14,522
	<hr/> <hr/>
	\$167,098
AS GIVEN TO THE COUNTY	\$167,100
<u>Breakdown Given to Martin-McGill: 3-3-09</u>	
Construction Costs	\$152,580
Engineering / Planning	\$14,520
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	\$167,100

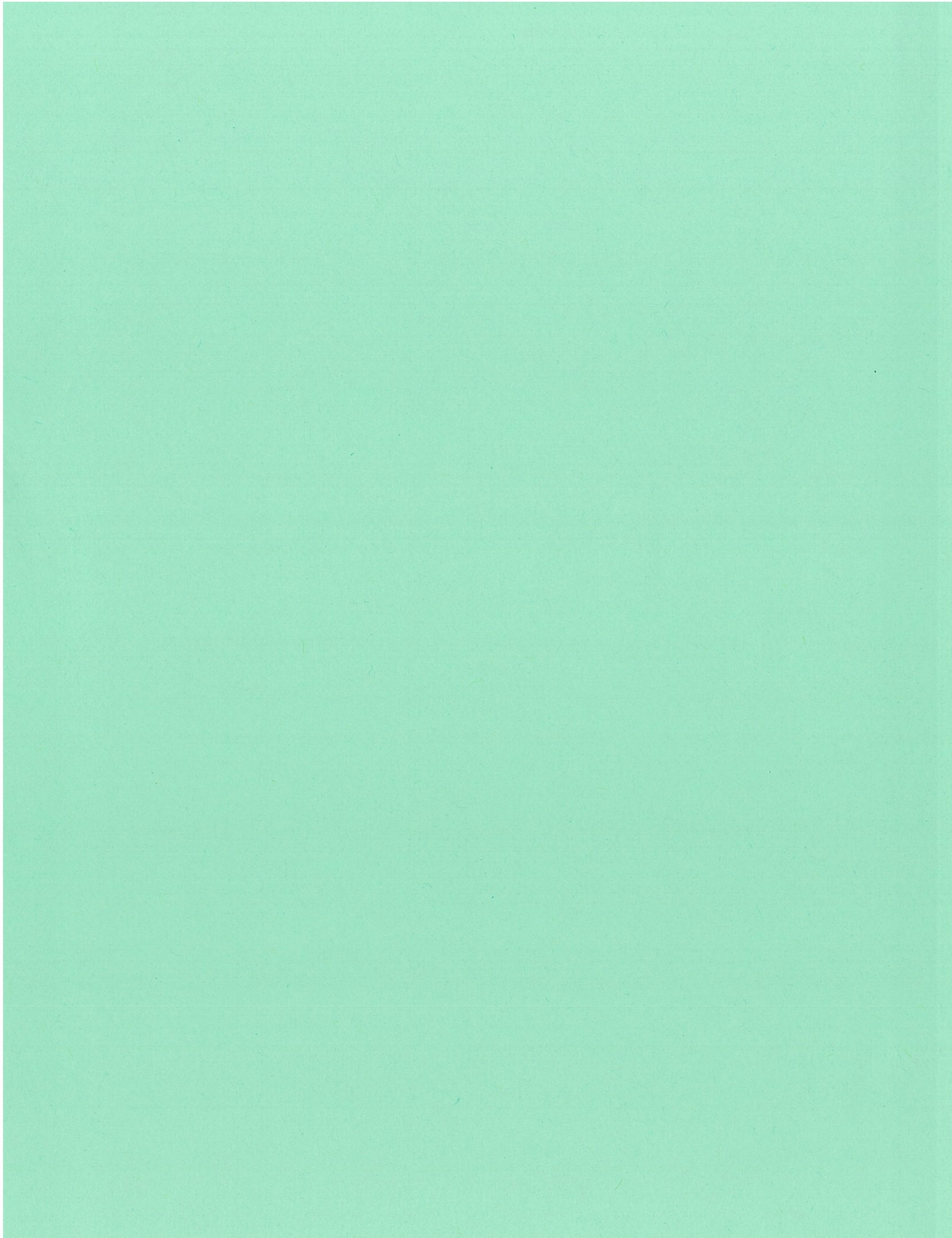


**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

February 2009

Engineer's Opinion of Probable Cost for					
Yard Trash / Wood Waste & White Goods-Metal Area					
No.	Description	Est. Qty	Unit	Unit Price	Extension
1	Mobilization (3% of Total)	1	LS	\$20,287	\$20,287
2	Clearing and Grubbing	4	Ac	\$3,000	\$12,000
3	Erosion & Sediment Control	1	LS	\$10,000	\$10,000
5	Site Grading (3.45 Ac @ 2 1/2')	13,800	Cy	\$4	\$55,200
6	Storm Drainage Collection & Piping	1	LS	\$5,000	\$5,000
7	Stormwater Management Basin	1	LS	\$50,000	\$50,000
8	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	3,400	SY	\$35	\$119,000
9	8" Reinforced Concrete Slab - Wood Waste	2,333	SY	\$60	\$139,980
10	4' Concrete Wall - Wood Waste	52	CY	\$500	\$26,000
11	6" Reinforced Concrete Slab - White Goods	3,911	SY	\$50	\$195,550
12	2' Concrete Wall - White Goods	16	CY	\$500	\$8,000
13	Gravel Surfacing - 6" - Drive Area	3,189	SY	\$8	\$25,512
14	Signage	1	LS	\$1,000	\$1,000
15	Construction Layout	1	LS	\$5,000	\$5,000
16	Grassing	4	Ac	\$5,000	\$20,000
17	Pipe Bollards	10	EA	\$400	\$4,000
Construction Subtotal					\$696,529
Construction Contingency (10%)					\$69,653
Site Topographic Survey					\$2,500
Engineering Design & Permitting (8%)					\$55,722
Construction Administration (6%)					\$41,792
Geotechnical Investigation					\$3,500
TOTAL ESTIMATED PROJECT COST					\$869,696

Breakdown Information	
Construction Costs	\$807,974
Engineering / Planning	\$61,722
	\$869,696
AS GIVEN TO THE COUNTY	\$869,700
<u>Breakdown Given to Martin-McGill: 3-3-09</u>	
Construction Costs	\$807,980
Engineering / Planning	\$61,720
	\$869,700

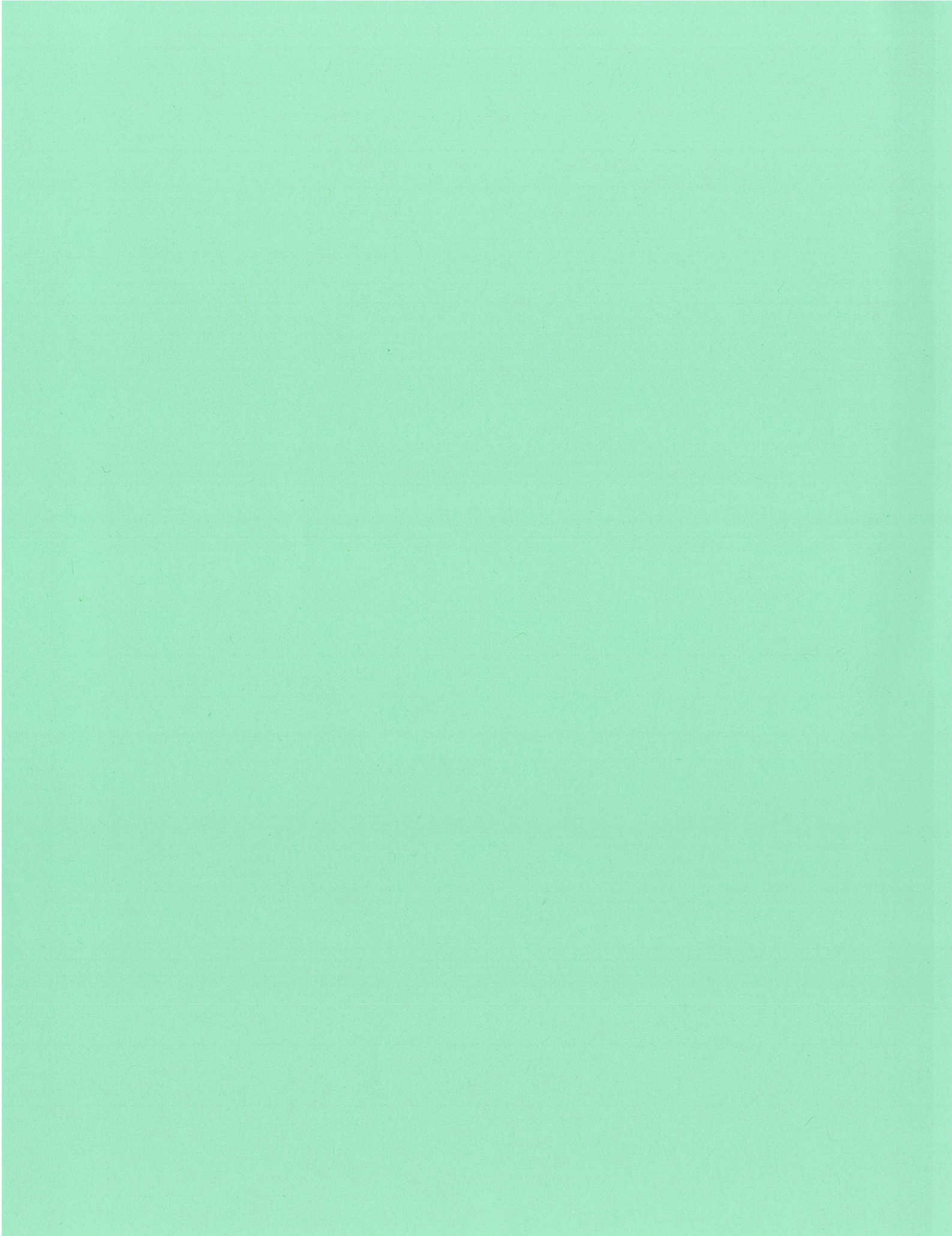


**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

February 2009

Engineer's Opinion of Probable Cost for					
RECYCLE MATERIAL PROCESSING FACILITY					
No.	Description	Est. Qty	Unit	Unit Price	Extension
1	Mobilization (3% of Total)	1	LS	\$73,143	\$73,143
2	Clearing and Grubbing	4	Ac	\$3,000	\$12,000
3	Erosion & Sediment Control	1	LS	\$10,000	\$10,000
4	Demolition (Buildings)	10,100	SF	\$2	\$20,200
5	Site Grading (3.6 Ac @ 1')	5,776	Cy	\$4	\$23,104
6	Storm Drainage Collection & Piping	1	LS	\$7,000	\$7,000
7	Stormwater Management Basin	1	LS	\$50,000	\$50,000
8	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	9,967	SY	\$35	\$348,845
9	Metal Frame Building (150'x240')	36,000	SF	\$50	\$1,800,000
10	Relocate Pick Line Equipment	1	LS	\$50,000	\$50,000
11	6" Concrete Slab - Truck Loading Area	233	SY	\$50	\$11,650
12	Fencing - 6' Chain Link Fence	1,720	LF	\$15	\$25,800
13	Electrical	1	LS	\$35,000	\$35,000
14	Water Supply	1	LS	\$5,000	\$5,000
15	Sanitary Sewer	1	LS	\$8,500	\$8,500
16	Traffic Marking	1	LS	\$2,000	\$2,000
17	Signage	1	LS	\$2,500	\$2,500
18	Construction Layout	1	LS	\$7,500	\$7,500
19	Grassing	3	Ac	\$5,000	\$15,000
20	Pipe Bollards	10	EA	\$400	\$4,000
Construction Subtotal					\$2,511,242
Construction Contingency (10%)					\$251,124
Phase 1 & 2 Environmental Site Assessment					\$15,000
Site Topographic Survey					\$3,500
Engineering Design & Permitting (8%)					\$200,899
Construction Administration (6%)					\$150,675
Geotechnical Investigation					\$3,500
TOTAL ESTIMATED PROJECT COST					\$3,135,940
<p>Note: Assumes baler/pick line equipment etc. purchased as a part of the construction of the off-site recycle facility and will be moved and reinstalled at the new site.</p>					

Breakdown Information	
Construction Costs	\$2,913,041
Engineering / Planning	\$222,899
	\$3,135,940
AS GIVEN TO THE COUNTY	\$3,934,000
Breakdown Given to Martin-McGill: 3-3-09	
Construction Costs	\$2,913,100
Engineering / Planning	\$222,800
	\$3,135,900



**HENDERSON COUNTY, NORTH CAROLINA
STONEY MOUNTAIN ROAD SOLID WASTE FACILITY**

February 2009

Engineer's Opinion of Probable Cost for					
COMPOSTING AREA					
No.	Description	Est. Qty	Unit	Unit Price	Extension
1	Mobilization (3% of Total)	1	LS	\$6,250	\$6,250
2	Clearing and Grubbing	1	Ac	\$3,000	\$3,000
3	Erosion & Sediment Control	1	LS	\$2,500	\$2,500
4	Site Grading (1.0 Ac @ 5')	8,240	Cy	\$4	\$32,960
5	Storm Drainage Collection & Piping	1	LS	\$2,500	\$2,500
6	Stormwater Management Basin	1	LS	\$50,000	\$50,000
7	Asphalt Pavement - (10" CABC, 2" I19.0B binder course, & 2" S9.5B surface course)	3,111	SY	\$35	\$108,885
8	Signage	1	LS	\$1,000	\$1,000
9	Construction Layout	1	LS	\$2,500	\$2,500
10	Grassing	1	Ac	\$5,000	\$5,000
Construction Subtotal					\$214,595
Construction Contingency (10%)					\$21,460
Site Topographic Survey					\$1,500
Engineering Design & Permitting (8%)					\$17,168
Construction Administration (6%)					\$12,876
Geotechnical Investigation					\$2,500
TOTAL ESTIMATED PROJECT COST					\$270,098

Breakdown Information	
Construction Costs	\$248,931
Engineering / Planning	\$21,168
	\$270,098
AS GIVEN TO THE COUNTY	\$270,100
<u>Breakdown Given to Martin-Mcgill: 3-3-09</u>	
Construction Costs	\$248,930
Engineering / Planning	\$21,170
	\$270,100