Guam Solid Waste Authority

Rate Model

June 18, 2012

Current Rate Option

Program Revenue and Cost	FY 2012 Amount	FY 2012 Rate Residential Customer Month	FY 2012 Rate Ton Disposed	FY 2013 Amount	FY 2013 Rate Residential Customer Month	FY 2013 Rate Ton Disposed	FY 2014 Amount	FY 2014 Rate Residential Customer Month	FY 2014 Rate Ton Disposed	FY 2015 Amount	FY 2015 Rate Residential Customer Month	FY 2015 Rate Ton Disposed
Total Tons	89,438		$ 156.00	92,184		$ 156.00	95,004		$ 156.00	97,902		$ 156.00
Total Direct Billable Tons	61,071			62,965			64,909			66,904		
Total Residential Customers	17,000	$ 30.00		17,510	$ 30.00		18,035	$ 30.00		18,576	$ 30.00	
Total Residential Tons	20,385			20,996			21,626			22,275		
Revenue:												
Disposal Tipping Fees	$ 9,527,054.01			$ 9,822,615.63			$ 10,125,874.10			$ 10,437,060.32		
Residential Collection Fees	$ 6,120,000.00			$ 6,303,600.00			$ 6,492,708.00			$ 6,687,489.24		
Self Haul Fees (i.e. Public Transfer Stations)	$ 300,000.00			$ 309,000.00			$ 318,270.00			$ 327,818.10		
Restoration Fees	$ 30,000.00			$ 30,900.00			$ 31,827.00			$ 32,781.81		
Reactivation Fees	$ 700.00			$ 721.00			$ 742.63			$ 764.91		
Trash Tag Fees	$ 1,000.00			$ 1,030.00			$ 1,060.90			$ 1,092.73		
Offset for uncollectable accounts	$ (312,941.08)			$ (322,524.31)			$ (332,371.64)			$ (342,490.99)		
	$ 15,665,812.93			$ 16,145,342.32			$ 16,638,110.99			$ 17,144,516.12		
Expenditures and Reserve Deposits:												
Administration:												
Salaries and Personnel	$ 397,655.84			$ 409,585.52			$ 421,873.08			$ 434,529.27		
Employee Benefits	$ 62,252.94			$ 64,120.53			$ 66,044.15			$ 68,025.47		
Travel	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Equipment	$ 10,000.00			$ 10,300.00			$ 10,609.00			$ 10,927.27		
Supplies and Materials	$ 50,000.00			$ 51,500.00			$ 53,045.00			$ 54,636.35		
Contractual	$ 75,000.00			$ 77,250.00			$ 79,567.50			$ 81,954.53		
Utilities:												
Electricity	$ 15,000.00			$ 15,450.00			$ 15,913.50			$ 16,390.91		
Water and Sewer (Regular)	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Communications	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Billing System Support (Alpine)	$ 40,000.00			$ 41,200.00			$ 42,436.00			$ 43,709.08		
Audit Cost	$ 100,000.00			$ 103,000.00			$ 106,090.00			$ 109,272.70		
Receiver Expense	$ 917,460.00			$ 944,983.80			$ 973,333.31			$ 1,002,533.31		
Contingency	$ 10,000.00			$ 10,300.00			$ 10,609.00			$ 10,927.27		
Total Administration	$ 1,692,368.78			$ 1,743,139.85			$ 1,795,434.04			$ 1,849,297.06		
Disposal (Landfill and related activities):												
Salaries and Personnel	$ 406,277.00		$ 6.65	$ 418,465.31		$ 6.65	$ 431,019.27		$ 6.64	$ 443,949.85		$ 6.64
Employee Benefits	$ 73,358.75		$ 1.20	$ 75,559.51		$ 1.20	$ 77,826.30		$ 1.20	$ 80,161.09		$ 1.20
Groundwater monitoring	$ 200,000.00		$ 3.27	$ 206,000.00		$ 3.27	$ 212,180.00		$ 3.27	$ 218,545.40		$ 3.27
Fixed Landfill Operator Cost	$ 2,847,680.00		$ 46.63	$ 2,959,675.52		$ 47.00	$ 3,076,038.87		$ 47.39	$ 3,196,940.38		$ 47.78
Variable Landfill Operator Cost	$ 206,691.11		$ 3.38	$ 277,226.59		$ 4.40	$ 354,719.49		$ 5.46	$ 439,729.39		$ 6.57
Fixed Hauler-Only Transfer Station Cost	$ 2,406,400.00		$ 39.40	$ 2,500,249.60		$ 39.71	$ 2,597,759.33		$ 40.02	$ 2,699,071.95		$ 40.34
Variable Hauler-Only Transfer Station Cost	$ 68,670.05		$ 1.12	$ 150,293.17		$ 2.39	$ 240,415.11		$ 3.70	$ 339,731.56		$ 5.08
Pilot Vehicle Pass-Through	$ 123,600.00		$ 2.02	$ 127,308.00		$ 2.02	$ 131,127.24		$ 2.02	$ 135,061.06		$ 2.02
Utilities:									$ -			$ -
Electricity	$ 43,200.00		$ 0.71	$ 44,496.00		$ 0.71	$ 45,830.88		$ 0.71	$ 47,205.81		$ 0.71
Water and Sewer (Regular)	$ 3,000.00		$ 0.05	$ 3,090.00		$ 0.05	$ 3,182.70		$ 0.05	$ 3,278.18		$ 0.05
Leachate	$ 20,600.00		$ 0.34	$ 21,218.00		$ 0.34	$ 21,854.54		$ 0.34	$ 22,510.18		$ 0.34
Communications	$ 2,000.00		$ 0.03	$ 2,060.00		$ 0.03	$ 2,121.80		$ 0.03	$ 2,185.45		$ 0.03
Insurance	$ 60,609.98		$ 0.99	$ 62,428.28		$ 0.99	$ 64,301.13		$ 0.99	$ 66,230.16		$ 0.99
Excluded Waste Expense	$ 60,000.00		$ 0.98	$ 61,800.00		$ 0.98	$ 63,654.00		$ 0.98	$ 65,563.62		$ 0.98
Residential Disposal	$ (3,774,035.32)		$ (61.80)	$ (3,946,925.14)		$ (62.68)	$ (4,129,432.10)		$ (63.62)	$ (4,322,146.45)		$ (64.60)
Administration	$ 1,262,507.11		$ 20.67	$ 1,743,139.85		$ 27.68	$ 1,795,434.04		$ 27.66	$ 1,849,297.06		$ 27.64
Contingency	$ 200,000.00		$ 3.27	$ 206,000.00		$ 3.27	$ 212,180.00		$ 3.27	$ 218,545.40		$ 3.27
Debt Service	$ 4,290,342.74		$ 70.25	$ 4,290,342.74		$ 70.25	$ 4,290,342.74		$ 70.25	$ 4,290,342.74		$ 70.25
Reserve Contributions:									$ -			$ -
Equipment Replacement	$ 94,248.42		$ 1.54	$ 97,075.87		$ 1.54	$ 99,988.15		$ 1.54	$ 102,987.79		$ 1.54
New Cell Development	$ 50,000.00		$ 0.82	$ 50,000.00		$ 0.79	$ 50,000.00		$ 0.77	$ 50,000.00		$ 0.75
Cell Closure	$ 50,000.00		$ 0.82	$ 50,000.00		$ 0.79	$ 50,000.00		$ 0.77	$ 50,000.00		$ 0.75
Post Closure Care	$ 100,000.00		$ 1.64	$ 100,000.00		$ 1.59	$ 100,000.00		$ 1.54	$ 100,000.00		$ 1.49
Total Disposal	$ 8,795,149.84		$ 144.02	$ 9,499,503.31		$ 152.98	$ 9,790,543.49		$ 154.99	$ 10,099,190.62		$ 157.08
Residential Collection:												
Salaries and Personnel	$ 1,168,096.00	$ 5.73		$ 1,203,138.88	$ 5.73		$ 1,239,233.05	$ 5.73		$ 1,276,410.04	$ 5.73	
Employee Benefits	$ 238,360.04	$ 1.17		$ 245,510.84	$ 1.17		$ 252,876.17	$ 1.17		$ 260,462.45	$ 1.17	
Fuel	$ 450,000.00	$ 2.21		$ 463,500.00	$ 2.21		$ 477,405.00	$ 2.21		$ 491,727.15	$ 2.21	
Vehicle Maintenance	$ 400,000.00	$ 1.96		$ 412,000.00	$ 1.96		$ 424,360.00	$ 1.96		$ 437,090.80	$ 1.96	
Other Contractual	$ 700,000.00	$ 3.43		$ 721,000.00	$ 3.43		$ 742,630.00	$ 3.43		$ 764,908.90	$ 3.43	
Landfill Disposal Cost (Full Cost)	$ 3,774,035.32	$ 18.50		$ 3,946,925.14	$ 18.78		$ 4,129,432.10	$ 19.08		$ 4,322,146.45	$ 19.39	
Supplies	$ 50,000.00	$ 0.25		$ 51,500.00	$ 0.25		$ 53,045.00	$ 0.25		$ 54,636.35	$ 0.25	
Household Hazardous Waste Program	$ 280,000.00	$ 1.37		$ 288,400.00	$ 1.37		$ 297,052.00	$ 1.37		$ 305,963.56	$ 1.37	
Administration	$ 429,861.67	$ 2.11		$ -	$ -			$ -		$ -	$ -	
Contingency	$ 50,000.00	$ 0.25		$ 51,500.00	$ 0.25		$ 53,045.00	$ 0.25		$ 54,636.35	$ 0.25	
Debt Service	$ 206,754.26	$ 1.01		$ 206,754.26	$ 0.98		$ 206,754.26	$ 0.98		$ 206,754.26	$ 0.98	
Reserve Contributions:					$ -			$ -			$ -	
Equipment Replacement	$586,396.11	$ 2.87		$603,988.00	$ 2.87		$622,107.64	$ 2.87		$640,770.87	$ 2.87	
Total Residential	$ 8,333,503.40	$ 40.85		$ 8,194,217.11	$ 39.00		$ 8,497,940.20	$ 39.29		$ 8,815,507.17	$ 39.60	
Total Disposal	$ 8,795,149.84	51.3%	70.9%	$ 9,499,503.31	53.7%		$ 9,790,543.49	53.5%		$ 10,099,190.62	53.4%	
Total Residential	$ 8,333,503.40	48.7%	29.1%	$ 8,194,217.11	46.3%		$ 8,497,940.20	46.5%		$ 8,815,507.17	46.6%	
Grand Total	$ 17,128,653.24			$ 17,693,720.42			$ 18,288,483.69			$ 18,914,697.79		
Surplus / (Shortfall)	$ (1,462,840.31)		$ (23.95)	$ (1,548,378.1)		$ (17.31)	$ (1,650,372.7)		$ (18.45)	$ (1,770,181.7)		$ (19.79)
Fund Balance	$ 8,874,898.91			$ 7,326,520.80			$ 5,676,148.10			$ 3,905,966.43		
Target Fund Balance (45 Day Reserve)	$ 2,111,751.77			$ 2,181,417.59			$ 2,254,744.56			$ 2,331,949.04		

Full Government Reimbursement Rate Option

Program Revenue and Cost	FY 2012 Amount	FY 2012 Rate Residential Customer Month	FY 2012 Rate Ton Disposed	FY 2013 Amount	FY 2013 Rate Residential Customer Month	FY 2013 Rate Ton Disposed	FY 2014 Amount	FY 2014 Rate Residential Customer Month	FY 2014 Rate Ton Disposed	FY 2015 Amount	FY 2015 Rate Residential Customer Month	FY 2015 Rate Ton Disposed
Total Tons	89,438		$ 156.00	92,184		$ 225.00	95,004		$ 225.00	97,902		$ 225.00
Total Direct Billable Tons	61,071			62,965			64,909			66,904		
Total Residential Customers	17,000	$ 30.00		17,510	$ 35.00		18,035	$ 40.00		18,576	$ 45.00	
Total Residential Tons	20,385			20,996			21,626			22,275		
Revenue:												
Disposal Tipping Fees	$ 9,527,054.01			$ 14,167,234.08			$ 14,604,626.11			$ 15,053,452.39		
Residential Collection Fees	$ 6,120,000.00			$ 7,354,200.00			$ 8,656,944.00			$ 10,031,233.86		
Self Haul Fees (i.e. Public Transfer Stations)	$ 300,000.00			$ 309,000.00			$ 318,270.00			$ 327,818.10		
Restoration Fees	$ 30,000.00			$ 30,900.00			$ 31,827.00			$ 32,781.81		
Reactivation Fees	$ 700.00			$ 721.00			$ 742.63			$ 764.91		
Trash Tag Fees	$ 1,000.00			$ 1,030.00			$ 1,060.90			$ 1,092.73		
Offset for uncollectable accounts	$ (312,941.08)			$ (430,428.68)			$ (465,231.40)			$ (501,693.73)		
	$ 15,665,812.93			$ 21,432,656.40			$ 23,148,239.24			$ 24,945,450.07		
Expenditures and Reserve Deposits:												
Administration:												
Salaries and Personnel	$ 397,655.84			$ 409,585.52			$ 421,873.08			$ 434,529.27		
Employee Benefits	$ 62,252.94			$ 64,120.53			$ 66,044.15			$ 68,025.47		
Travel	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Equipment	$ 10,000.00			$ 10,300.00			$ 10,609.00			$ 10,927.27		
Supplies and Materials	$ 50,000.00			$ 51,500.00			$ 53,045.00			$ 54,636.35		
Contractual	$ 75,000.00			$ 77,250.00			$ 79,567.50			$ 81,954.53		
Utilities:												
Electricity	$ 15,000.00			$ 15,450.00			$ 15,913.50			$ 16,390.91		
Water and Sewer (Regular)	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Communications	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Billing System Support (Alpine)	$ 40,000.00			$ 41,200.00			$ 42,436.00			$ 43,709.08		
Audit Cost	$ 100,000.00			$ 103,000.00			$ 106,090.00			$ 109,272.70		
Receiver Expense	$ 917,460.00			$ 944,983.80			$ 973,333.31			$ 1,002,533.31		
Contingency	$ 10,000.00			$ 10,300.00			$ 10,609.00			$ 10,927.27		
Total Administration	$ 1,692,368.78			$ 1,743,139.85			$ 1,795,434.04			$ 1,849,297.06		
Disposal (Landfill and related activities):												
Salaries and Personnel	$ 406,277.00		$ 6.65	$ 418,465.31		$ 6.65	$ 431,019.27		$ 6.64	$ 443,949.85		$ 6.64
Employee Benefits	$ 73,358.75		$ 1.20	$ 75,559.51		$ 1.20	$ 77,826.30		$ 1.20	$ 80,161.09		$ 1.20
Groundwater monitoring	$ 200,000.00		$ 3.27	$ 206,000.00		$ 3.27	$ 212,180.00		$ 3.27	$ 218,545.40		$ 3.27
Fixed Landfill Operator Cost	$ 2,847,680.00		$ 46.63	$ 2,959,675.52		$ 47.00	$ 3,076,038.87		$ 47.39	$ 3,196,940.38		$ 47.78
Variable Landfill Operator Cost	$ 206,691.11		$ 3.38	$ 277,226.59		$ 4.40	$ 354,719.49		$ 5.46	$ 439,729.39		$ 6.57
Fixed Hauler-Only Transfer Station Cost	$ 2,406,400.00		$ 39.40	$ 2,500,249.60		$ 39.71	$ 2,597,759.33		$ 40.02	$ 2,699,071.95		$ 40.34
Variable Hauler-Only Transfer Station Cost	$ 68,670.05		$ 1.12	$ 150,293.17		$ 2.39	$ 240,415.11		$ 3.70	$ 339,731.56		$ 5.08
Pilot Vehicle Pass-Through	$ 123,600.00		$ 2.02	$ 127,308.00		$ 2.02	$ 131,127.24		$ 2.02	$ 135,061.06		$ 2.02
Utilities:									$ -			$ -
Electricity	$ 43,200.00		$ 0.71	$ 44,496.00		$ 0.71	$ 45,830.88		$ 0.71	$ 47,205.81		$ 0.71
Water and Sewer (Regular)	$ 3,000.00		$ 0.05	$ 3,090.00		$ 0.05	$ 3,182.70		$ 0.05	$ 3,278.18		$ 0.05
Leachate	$ 20,600.00		$ 0.34	$ 21,218.00		$ 0.34	$ 21,854.54		$ 0.34	$ 22,510.18		$ 0.34
Communications	$ 2,000.00		$ 0.03	$ 2,060.00		$ 0.03	$ 2,121.80		$ 0.03	$ 2,185.45		$ 0.03
Insurance	$ 60,609.98		$ 0.99	$ 62,428.28		$ 0.99	$ 64,301.13		$ 0.99	$ 66,230.16		$ 0.99
Excluded Waste Expense	$ 60,000.00		$ 0.98	$ 61,800.00		$ 0.98	$ 63,654.00		$ 0.98	$ 65,563.62		$ 0.98
Residential Disposal	$ (3,774,035.32)		$ (61.80)	$ (6,283,205.97)		$ (99.79)	$ (6,418,141.74)		$ (98.88)	$ (6,561,997.36)		$ (98.08)
Administration	$ 1,262,507.11		$ 20.67	$ 1,743,139.85		$ 27.68	$ 1,795,434.04		$ 27.66	$ 1,849,297.06		$ 27.64
Contingency	$ 200,000.00		$ 3.27	$ 206,000.00		$ 3.27	$ 212,180.00		$ 3.27	$ 218,545.40		$ 3.27
Debt Service	$ 4,290,342.74		$ 70.25	$ 11,429,690.20		$ 181.52	$ 11,429,417.35		$ 176.08	$ 11,427,684.84		$ 170.81
Reserve Contributions:									$ -			$ -
Equipment Replacement	$ 94,248.42		$ 1.54	$ 97,075.87		$ 1.54	$ 99,988.15		$ 1.54	$ 102,987.79		$ 1.54
New Cell Development	$ 50,000.00		$ 0.82	$ 50,000.00		$ 0.79	$ 50,000.00		$ 0.77	$ 50,000.00		$ 0.75
Cell Closure	$ 50,000.00		$ 0.82	$ 50,000.00		$ 0.79	$ 50,000.00		$ 0.77	$ 50,000.00		$ 0.75
Post Closure Care	$ 100,000.00		$ 1.64	$ 100,000.00		$ 1.59	$ 100,000.00		$ 1.54	$ 100,000.00		$ 1.49
Total Disposal	$ 8,795,149.84		$ 144.02	$ 14,302,569.94		$ 227.15	$ 14,640,908.45		$ 225.56	$ 14,996,681.80		$ 224.15
Residential Collection:												
Salaries and Personnel	$ 1,168,096.00	$ 5.73		$ 1,203,138.88	$ 5.73		$ 1,239,233.05	$ 5.73		$ 1,276,410.04	$ 5.73	
Employee Benefits	$ 238,360.04	$ 1.17		$ 245,510.84	$ 1.17		$ 252,876.17	$ 1.17		$ 260,462.45	$ 1.17	
Fuel	$ 450,000.00	$ 2.21		$ 463,500.00	$ 2.21		$ 477,405.00	$ 2.21		$ 491,727.15	$ 2.21	
Vehicle Maintenance	$ 400,000.00	$ 1.96		$ 412,000.00	$ 1.96		$ 424,360.00	$ 1.96		$ 437,090.80	$ 1.96	
Other Contractual	$ 700,000.00	$ 3.43		$ 721,000.00	$ 3.43		$ 742,630.00	$ 3.43		$ 764,908.90	$ 3.43	
Landfill Disposal Cost (Full Cost)	$ 3,774,035.32	$ 18.50		$ 6,283,205.97	$ 29.90		$ 6,418,141.74	$ 29.66		$ 6,561,997.36	$ 29.44	
Supplies	$ 50,000.00	$ 0.25		$ 51,500.00	$ 0.25		$ 53,045.00	$ 0.25		$ 54,636.35	$ 0.25	
Household Hazardous Waste Program	$ 280,000.00	$ 1.37		$ 288,400.00	$ 1.37		$ 297,052.00	$ 1.37		$ 305,963.56	$ 1.37	
Administration	$ 429,861.67	$ 2.11		$ -	$ -			$ -		$ -	$ -	
Contingency	$ 50,000.00	$ 0.25		$ 51,500.00	$ 0.25		$ 53,045.00	$ 0.25		$ 54,636.35	$ 0.25	
Debt Service	$ 206,754.26	$ 1.01		$ 550,803.80	$ 2.62		$ 550,790.65	$ 2.54		$ 550,707.16	$ 2.47	
Reserve Contributions:					$ -			$ -			$ -	
Equipment Replacement	$586,396.11	$ 2.87		$603,988.00	$ 2.87		$622,107.64	$ 2.87		$640,770.87	$ 2.87	
Total Residential	$ 8,333,503.40	$ 40.85		$ 10,874,547.49	$ 51.75		$ 11,130,686.24	$ 51.43		$ 11,399,310.99	$ 51.14	
Total Disposal	$ 8,795,149.84	51.3%	70.9%	$ 14,302,569.94	56.8%		$ 14,640,908.45	56.8%		$ 14,996,681.80	56.8%	
Total Residential	$ 8,333,503.40	48.7%	29.1%	$ 10,874,547.49	43.2%		$ 11,130,686.24	43.2%		$ 11,399,310.99	43.2%	
Grand Total	$ 17,128,653.24			$ 25,177,117.42			$ 25,771,594.69			$ 26,395,992.79		
Surplus / (Shortfall)	$ (1,462,840.31)		$ (23.95)	$ (3,744,461.0)		$ (41.87)	$ (2,623,355.5)		$ (29.33)	$ (1,450,542.7)		$ (16.22)
Fund Balance	$ 8,874,898.91			$ 5,130,437.89			$ 2,507,082.43			$ 1,056,539.71		
Target Fund Balance (45 Day Reserve)	$ 2,111,751.77			$ 3,104,028.18			$ 3,177,319.89			$ 3,254,300.48		

Two Landfill Rate Option

Program Revenue and Cost	FY 2012 Amount	FY 2012 Rate Residential Customer Month	FY 2012 Rate Ton Disposed	FY 2013 Amount	FY 2013 Rate Residential Customer Month	FY 2013 Rate Ton Disposed	FY 2014 Amount	FY 2014 Rate Residential Customer Month	FY 2014 Rate Ton Disposed	FY 2015 Amount	FY 2015 Rate Residential Customer Month	FY 2015 Rate Ton Disposed
Total Tons	89,438		$ 156.00	92,184		$ 110.00	95,004		$ 110.00	97,902		$ 110.00
Total Direct Billable Tons	61,071			62,965			64,909			66,904		
Total Residential Customers	17,000	$ 30.00		17,510	$ 20.00		18,035	$ 20.00		18,576	$ 20.00	
Total Residential Tons	20,385			20,996			21,626			22,275		
Revenue:												
Disposal Tipping Fees	$ 9,527,054.01			$ 6,926,203.33			$ 7,140,039.43			$ 7,359,465.61		
Residential Collection Fees	$ 6,120,000.00			$ 4,202,400.00			$ 4,328,472.00			$ 4,458,326.16		
Self Haul Fees (i.e. Public Transfer Stations)	$ 300,000.00			$ 309,000.00			$ 318,270.00			$ 327,818.10		
Restoration Fees	$ 30,000.00			$ 30,900.00			$ 31,827.00			$ 32,781.81		
Reactivation Fees	$ 700.00			$ 721.00			$ 742.63			$ 764.91		
Trash Tag Fees	$ 1,000.00			$ 1,030.00			$ 1,060.90			$ 1,092.73		
Offset for uncollectable accounts	$ (312,941.08)			$ (222,572.07)			$ (229,370.23)			$ (236,355.84)		
	$ 15,665,812.93			$ 11,247,682.26			$ 11,591,041.73			$ 11,943,893.48		
Expenditures and Reserve Deposits:												
Administration:												
Salaries and Personnel	$ 397,655.84			$ 409,585.52			$ 421,873.08			$ 434,529.27		
Employee Benefits	$ 62,252.94			$ 64,120.53			$ 66,044.15			$ 68,025.47		
Travel	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Equipment	$ 10,000.00			$ 10,300.00			$ 10,609.00			$ 10,927.27		
Supplies and Materials	$ 50,000.00			$ 51,500.00			$ 53,045.00			$ 54,636.35		
Contractual	$ 75,000.00			$ 77,250.00			$ 79,567.50			$ 81,954.53		
Utilities:												
Electricity	$ 15,000.00			$ 15,450.00			$ 15,913.50			$ 16,390.91		
Water and Sewer (Regular)	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Communications	$ 5,000.00			$ 5,150.00			$ 5,304.50			$ 5,463.64		
Billing System Support (Alpine)	$ 40,000.00			$ 41,200.00			$ 42,436.00			$ 43,709.08		
Audit Cost	$ 100,000.00			$ 103,000.00			$ 106,090.00			$ 109,272.70		
Receiver Expense	$ 917,460.00			$ 944,983.80			$ 973,333.31			$ 1,002,533.31		
Contingency	$ 10,000.00			$ 10,300.00			$ 10,609.00			$ 10,927.27		
Total Administration	$ 1,692,368.78			$ 1,743,139.85			$ 1,795,434.04			$ 1,849,297.06		
Disposal (Landfill and related activities):												
Salaries and Personnel	$ 406,277.00		$ 6.65	$ 418,465.31		$ 6.65	$ 431,019.27		$ 6.64	$ 443,949.85		$ 6.64
Employee Benefits	$ 73,358.75		$ 1.20	$ 75,559.51		$ 1.20	$ 77,826.30		$ 1.20	$ 80,161.09		$ 1.20
Groundwater monitoring	$ 200,000.00		$ 3.27	$ 206,000.00		$ 3.27	$ 212,180.00		$ 3.27	$ 218,545.40		$ 3.27
Fixed Landfill Operator Cost	$ 2,847,680.00		$ 46.63	$ 2,959,675.52		$ 47.00	$ 3,076,038.87		$ 47.39	$ 3,196,940.38		$ 47.78
Variable Landfill Operator Cost	$ 206,691.11		$ 3.38	$ 277,226.59		$ 4.40	$ 354,719.49		$ 5.46	$ 439,729.39		$ 6.57
Fixed Hauler-Only Transfer Station Cost	$ 2,406,400.00		$ 39.40	$ 2,500,249.60		$ 39.71	$ 2,597,759.33		$ 40.02	$ 2,699,071.95		$ 40.34
Variable Hauler-Only Transfer Station Cost	$ 68,670.05		$ 1.12	$ 150,293.17		$ 2.39	$ 240,415.11		$ 3.70	$ 339,731.56		$ 5.08
Pilot Vehicle Pass-Through	$ 123,600.00		$ 2.02	$ 127,308.00		$ 2.02	$ 131,127.24		$ 2.02	$ 135,061.06		$ 2.02
Utilities:									$ -			$ -
Electricity	$ 43,200.00		$ 0.71	$ 44,496.00		$ 0.71	$ 45,830.88		$ 0.71	$ 47,205.81		$ 0.71
Water and Sewer (Regular)	$ 3,000.00		$ 0.05	$ 3,090.00		$ 0.05	$ 3,182.70		$ 0.05	$ 3,278.18		$ 0.05
Leachate	$ 20,600.00		$ 0.34	$ 21,218.00		$ 0.34	$ 21,854.54		$ 0.34	$ 22,510.18		$ 0.34
Communications	$ 2,000.00		$ 0.03	$ 2,060.00		$ 0.03	$ 2,121.80		$ 0.03	$ 2,185.45		$ 0.03
Insurance	$ 60,609.98		$ 0.99	$ 62,428.28		$ 0.99	$ 64,301.13		$ 0.99	$ 66,230.16		$ 0.99
Excluded Waste Expense	$ 60,000.00		$ 0.98	$ 61,800.00		$ 0.98	$ 63,654.00		$ 0.98	$ 65,563.62		$ 0.98
Residential Disposal	$ (2,341,969.69)		$ (38.35)	$ (2,471,897.54)		$ (39.26)	$ (2,610,153.66)		$ (40.21)	$ (2,757,289.67)		$ (41.21)
Administration	$ 1,262,507.11		$ 20.67	$ 1,743,139.85		$ 27.68	$ 1,795,434.04		$ 27.66	$ 1,849,297.06		$ 27.64
Contingency	$ 200,000.00		$ 3.27	$ 206,000.00		$ 3.27	$ 212,180.00		$ 3.27	$ 218,545.40		$ 3.27
Debt Service	$ 4,290,342.74											
Reserve Contributions:									$ -			$ -
Equipment Replacement	$ 94,248.42		$ 1.54	$ 97,075.87		$ 1.54	$ 99,988.15		$ 1.54	$ 102,987.79		$ 1.54
New Cell Development	$ 50,000.00		$ 0.82	$ 50,000.00		$ 0.79	$ 50,000.00		$ 0.77	$ 50,000.00		$ 0.75
Cell Closure	$ 50,000.00		$ 0.82	$ 50,000.00		$ 0.79	$ 50,000.00		$ 0.77	$ 50,000.00		$ 0.75
Post Closure Care	$ 100,000.00		$ 1.64	$ 100,000.00		$ 1.59	$ 100,000.00		$ 1.54	$ 100,000.00		$ 1.49
Total Disposal	$ 10,227,215.47		$ 97.21	$ 6,684,188.17		$ 106.16	$ 7,019,479.18		$ 108.14	$ 7,373,704.66		$ 110.21
Residential Collection:												
Salaries and Personnel	$ 1,168,096.00	$ 5.73		$ 1,203,138.88	$ 5.73		$ 1,239,233.05	$ 5.73		$ 1,276,410.04	$ 5.73	
Employee Benefits	$ 238,360.04	$ 1.17		$ 245,510.84	$ 1.17		$ 252,876.17	$ 1.17		$ 260,462.45	$ 1.17	
Fuel	$ 450,000.00	$ 2.21		$ 463,500.00	$ 2.21		$ 477,405.00	$ 2.21		$ 491,727.15	$ 2.21	
Vehicle Maintenance	$ 400,000.00	$ 1.96		$ 412,000.00	$ 1.96		$ 424,360.00	$ 1.96		$ 437,090.80	$ 1.96	
Other Contractual	$ 700,000.00	$ 3.43		$ 721,000.00	$ 3.43		$ 742,630.00	$ 3.43		$ 764,908.90	$ 3.43	
Landfill Disposal Cost (Full Cost)	$ 2,341,969.69	$ 11.48		$ 2,471,897.54	$ 11.76		$ 2,610,153.66	$ 12.06		$ 2,757,289.67	$ 12.37	
Supplies	$ 50,000.00	$ 0.25		$ 51,500.00	$ 0.25		$ 53,045.00	$ 0.25		$ 54,636.35	$ 0.25	
Household Hazardous Waste Program	$ 280,000.00	$ 1.37		$ 288,400.00	$ 1.37		$ 297,052.00	$ 1.37		$ 305,963.56	$ 1.37	
Administration	$ 429,861.67	$ 2.11		$ -	$ -			$ -		$ -	$ -	
Contingency	$ 50,000.00	$ 0.25		$ 51,500.00	$ 0.25		$ 53,045.00	$ 0.25		$ 54,636.35	$ 0.25	
Debt Service	$ 206,754.26											
Reserve Contributions:					$ -			$ -			$ -	
Equipment Replacement	$586,396.11	$ 2.87		$603,988.00	$ 2.87		$622,107.64	$ 2.87		$640,770.87	$ 2.87	
Total Residential	$ 6,901,437.77	$ 32.82		$ 6,512,435.26	$ 30.99		$ 6,771,907.52	$ 31.29		$ 7,043,896.13	$ 31.60	
Total Disposal	$ 10,227,215.47	59.7%	70.9%	$ 6,684,188.17	50.7%		$ 7,019,479.18	50.9%		$ 7,373,704.66	51.1%	
Total Residential	$ 6,901,437.77	40.3%	29.1%	$ 6,512,435.26	49.3%		$ 6,771,907.52	49.1%		$ 7,043,896.13	48.9%	
Grand Total	$ 17,128,653.24			$ 13,196,623.42			$ 13,791,386.69			$ 14,417,600.79		
Surplus / (Shortfall)	$ (1,462,840.31)		$ (23.95)	$ (1,948,941.2)		$ (21.79)	$ (2,200,345.0)		$ (24.60)	$ (2,473,707.3)		$ (27.66)
Fund Balance	$ 8,874,898.91			$ 6,925,957.75			$ 4,725,612.79			$ 2,251,905.48		
Target Fund Balance (45 Day Reserve)	$ 2,111,751.77			$ 1,626,980.97			$ 1,700,307.95			$ 1,777,512.43		

Debt Service

Government of Guam
Limited Obligation (Section 30) Bonds
Series 2009A FINAL NUMBERS

Date	Annual Debt Service	Less Capitalized Interest	Less Debt Service Paid from Other Sources	Debt Service to be Paid from Solid Waste Fees
9/30/2009	$ -	$ -	$ -	$ -
9/30/2010	$ 10,668,687	$ 10,668,687	$ -	$ -
9/30/2011	$ 11,197,456	$ 4,062,437	$ 2,637,922	$ 4,497,097
9/30/2012	$ 11,197,456	$ 4,062,437	$ 2,637,922	$ 4,497,097
9/30/2013	$ 15,672,706	$ -	$ 3,692,212	$ 11,980,494
9/30/2014	$ 15,672,331	$ -	$ 3,692,123	$ 11,980,208
9/30/2015	$ 15,669,956	$ -	$ 3,691,564	$ 11,978,392
9/30/2016	$ 15,669,956	$ -	$ 3,691,564	$ 11,978,392
9/30/2017	$ 15,669,444	$ -	$ 3,691,444	$ 11,978,000
9/30/2018	$ 15,671,913	$ -	$ 3,692,025	$ 11,979,888
9/30/2019	$ 15,670,044	$ -	$ 3,691,585	$ 11,978,459
9/30/2020	$ 15,672,081	$ -	$ 3,692,064	$ 11,980,017
9/30/2021	$ 15,672,972	$ -	$ 3,692,275	$ 11,980,697
9/30/2022	$ 15,672,100	$ -	$ 3,692,069	$ 11,980,031
9/30/2023	$ 15,669,934	$ -	$ 3,691,559	$ 11,978,375
9/30/2024	$ 15,670,266	$ -	$ 3,691,637	$ 11,978,629
9/30/2025	$ 15,671,750	$ -	$ 3,691,987	$ 11,979,763
9/30/2026	$ 15,672,081	$ -	$ 3,692,064	$ 11,980,017
9/30/2027	$ 15,668,753	$ -	$ 3,691,281	$ 11,977,472
9/30/2028	$ 15,669,909	$ -	$ 3,691,553	$ 11,978,356
9/30/2029	$ 15,668,722	$ -	$ 3,691,373	$ 11,977,349
9/30/2030	$ 15,673,222	$ -	$ 3,692,334	$ 11,980,888
9/30/2031	$ 15,668,738	$ -	$ 3,691,277	$ 11,977,461
9/30/2032	$ 15,672,288	$ -	$ 3,692,114	$ 11,980,174
9/30/2033	$ 15,673,288	$ -	$ 3,692,349	$ 11,980,939
9/30/2034	$ 15,669,438	$ -	$ 3,691,442	$ 11,977,996
9/30/2035	$ 15,673,006	$ -	$ 3,692,282	$ 11,980,724
	$ 393,498,497			

Percent Section 30 Bonds Attributable to Other Funding Sources

Total Construction Fund		$ 159,742,206
Cost of Ordot Closure	$ 40,112,100	
Assigned to Other Projects	$ -	
Total for Ordot & Other Projects		$ 40,112,100
% Ordot & Other Projects		25.1%
Total for Layon & Related Projects		$ 119,630,106
% Layon & Related Projects		74.9%
Residential Equipment		$ 4,500,000
HHW		$ 1,000,000
Percent Residential		4.6%

High Total Debt Service	$ 11,980,494

	Total Debt Service
FY 2009	$ -
FY 2010	$ -
FY 2011	$ 4,497,097
FY 2012	$ 4,497,097
FY 2013	$ 11,980,494
FY 2014	$ 11,980,208
FY 2015	$ 11,978,392
FY 2016	$ 11,978,392
FY 2017	$ 11,978,000
FY 2018	$ 11,979,888
FY 2019	$ 11,978,459
FY 2020	$ 11,980,017
FY 2021	$ 11,980,697
FY 2022	$ 11,980,031
FY 2023	$ 11,978,375
FY 2024	$ 11,978,629
FY 2025	$ 11,979,763
FY 2026	$ 11,980,017
FY 2027	$ 11,977,472
FY 2028	$ 11,978,356
FY 2029	$ 11,977,349
FY 2030	$ 11,980,888
FY 2031	$ 11,977,461
FY 2032	$ 11,980,174
FY 2033	$ 11,980,939
FY 2034	$ 11,977,996
FY 2035	$ 11,980,724
FY 2036	$ -
FY 2037	$ -

Position Number	Position Title	Grade/ Step	Salary	Overtime	Special*	Increment Date	Increment Amt.	(E+F+G+I) Subtotal	Benefits Retirement (J * 28.3%)(2/)	Retire (DDI) ($19.02*26PP)	Social Security (6.2% * J)	Medicare (1.45% * J)	Life (1/)	Medical (Premium)	Dental (Premium)	Total Benefits (K thru Q)	(J + R) TOTAL
Contract	Solid Waste Services Administrator	N/A	76,009		N/A	N/A	N/A	76,009		4,555	7,804		2,232	6,000		20,591	96,600
4007	Customer Service Representative	H-20	42,264	1,219	$9,233	10/2/2010	0	52,716	14,919	479	0	764	174	7,020	408	23,764	76,480
5212	Sanitation Worker (Admin Asst)	E-15	29,673	856	$6,482	5/4/2012	0	37,011	10,474	0	0	537	174	6,713	0	17,898	54,909
Temp	Account Clerk	N/A	38,480					38,480								0	38,480
Temp	Customer Service Representative	N/A	37,440					37,440								0	37,440
Temp	Customer Service Representative	N/A	37,440					37,440								0	37,440
Temp	Administrative Assistant (HR)	N/A	37,440					37,440								0	37,440
Temp	Administrative Assistant	N/A	37,440					37,440								0	37,440
Temp	Administrative Assistant	N/A	43,680					43,680								0	43,680
		Total						397,656								62,253	459,909
Temp	Account Clerk	N/A	38,480					38,480								0	38,480
Temp	Account Clerk	N/A	37,440					37,440								0	37,440
		Total						75,920								0	75,920
4387	Engineer Supervisor	P-14	63,428	1,830	$13,857	9/14/2010	0	79,115	22,390	0	0	1,147	174	7,020	408	31,139	110,254
Temp	Scale Operator	N/A	37,440					37,440								0	37,440
Temp	Account Clerk	N/A	38,480					38,480								0	38,480
		Total						155,035								31,139	186,174
	Total Layon Landfill and Hauler Only Transfer Station							230,955								31,139	262,094
Contract	Operations Manager	N/A	63,000		N/A	N/A	N/A	63,000		3,780	7,169		2,232	7,370	5,103	25,654	88,654
Temp	Temp (Bulky Waste Program)	N/A	37,440					37,440								0	37,440
Temp	Temp (Cart Retrival & Distribution)	N/A	38,480					38,480								0	38,480
4224	Sanitation Worker (LTA)	E-01	$16,656	$480	$3,639		$0	$20,775	$0	$479	$0	$301	$174	$2,496	$192	$3,642	$24,417
4426	Equipment Operator II	G-10	28,085	810	$6,135	1/11/2012	0	35,030	9,913	0	0	508	174	2,503	192	13,290	48,320
4433	Equipmet Operator II	G-12	30,085	868	$6,572	7/10/2012	0	37,525	10,620	0	0	544	174	2,503	192	14,033	51,558
4434	Sanitation Worker	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	4,815	259	6,028	26,803
4445	Equipment Operator Leader I	J-11	35,618	1,027	$7,781	5/24/2011	520	44,946	12,720	0	0	652	174	2,503	192	16,240	61,186
4449	Equipment Operator II	G-07	25,276	729	$5,522	7/11/2011	234	31,761	0	479	0	461	174	2,503	192	3,809	35,570
4450	Sanitation Worker	E-08	23,318	673	$5,094	3/23/2011	486	29,571	0	479	0	429	174	0	0	1,082	30,653
4453	Equipment Operator II	G-10	28,085	810	$6,135	7/10/2012	0	35,030	0	479	0	508	174	0	0	1,161	36,191
4454	Sanitation Worker	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	0	0	954	21,729
4458	Sanitation Worker	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	0	0	954	21,729
4465	Sanitation Worker (LTA)	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	2,064	192	3,210	23,985
4475	Sanitation Worker	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	0	0	954	21,729
4482	Sanitation Worker (LTA)	E-01	$16,656	$480	$3,639		$0	$20,775	$0	$479	$0	$301	$174	$2,503	$192	$3,649	$24,424
4483	Sanitation Worker	E-12	26,763	772	$5,847	3/29/2012	0	33,382	9,447	0	0	484	174	6,713	349	17,167	50,549
4484	Sanitation Worker (LTA)	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	0	0	954	21,729
4490	Sanitation Worker (LTA)	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	0	0	954	21,729
4491	Equipment Operatror II	G-09	27,149	783	$5,931	10/23/2010	0	33,863	0	479	0	491	174	6,713	349	8,206	42,069
4492	Sanitation Worker	E-10	24,984	721	$5,458	4/1/2011	437	31,600	8,943	0	0	458	174	6,713	349	16,637	48,237
4902	Sanitation Worker (LTA)	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	0	0	954	21,729
5021	Sanitation Worker	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	2,503	0	3,457	24,232
5031	Equipment Operator II	G-07	25,276	729	$5,522	7/11/2011	234	31,761	0	479	0	461	174	0	0	1,114	32,875
5032	Equipment Operator II	G-09	27,149	783	$5,931	7/8/2011	234	34,097	0	479	0	494	174	4,157	349	5,653	39,750
5203	Sanitation Worker (LTA)	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	2,503	192	3,649	24,424
5204	Sanitation Worker (LTA)	E-01	16,656	480	$3,639		0	20,775	0	479	0	301	174	2,064	192	3,210	23,985
5206	Sanitation Worker	E-12	26,763	772	$5,847	3/29/2012	0	33,382	9,447	0	0	484	174	2,064	192	12,361	45,743
5209	Equipment Operator II	G-06	24,340	702	$5,317	1/11/2011	702	31,061	0	479	0	450	174	4,035	209	5,347	36,408
4413	Equipment Operator II	G-13	31,138	898	$6,802	1/10/2011	818	39,656	0	479	0	575	174	7,020	407	8,655	48,311
4439	Equipment Operator III	H-14	34,382	992	$7,511	2/2/2011	802	43,687	12,363	0	0	633	174	4,815	259	18,245	61,932
4444	Equipment Operator Supervisor	L-10	39,780	1,148	$8,690	5/29/2012	0	49,618	0	479	0	719	174	4,815	259	6,446	56,064
4462	Sanitation Worker	E-10	24,984	721	$5,458	4/1/2011	437	31,600	0	479	0	458	174	0	0	1,111	32,711
5030	Equipment Operator II	G-10	28,085	810	$6,135	10/23/2010	983	36,013	0	479	0	522	174	0	0	1,175	37,188
5214	Equipment Operator III	H-13	33,219	958	$7,257	12/7/2011	0	41,434	0	479	0	601	174	2,064	192	3,510	44,944
4432	Equipment Operator II	G-09	27,149	783	$5,931	7/10/2010	0	33,863	9,583	0	0	491	174	2,503	0	12,751	46,614
5215	Equipment Operator III	H-12	32,096	926	$7,012	8/2/2011	187	40,221	11,383	0	0	583	174	0	0	12,140	52,361
		Total						1,168,096								238,360	1,406,456
4455	Sanitation Worker	E-08	23,318	673	$5,094	3/23/2011	486	29,571	0	479	0	429	174	0	0	1,082	30,653
4478	Sanitation Worker	E-16	30,712	886	$6,709	5/17/2011	448	38,755	0	479	0	562	174	0	0	1,215	39,970
4480	Sanitation Worker	E-17	31,787	917	$6,944	5/16/2012	463	40,111	11,351	0	0	582	174	4,815	259	17,181	57,292
4493	Sanitation Worker	E-10	24,984	721	$5,458	4/1/2011	364	31,527	8,922	0	0	457	174	2,496	0	12,049	43,576
5205	Sanitation Worker	E-13	27,700	799	$6,051	12/18/2010	808	35,358	10,006	0	0	513	174	0	0	10,693	46,051
		Total						175,322								42,220	217,542

Equipment Replacement

Equipment Unit	Life Expectancy in Months		VIN	Date of Purchase	Replace Date	Purchase Price	Adjusted 2011 Purchase Price	Assignment	Active / Backup	FY 2012 Replacement Cost	FY 2013 Replacement Cost	FY 2014 Replacement Cost	FY 2015 Replacement Cost	FY 2016 Replacement Cost	FY 2017 Replacement Cost	FY 2018 Replacement Cost	FY 2019 Replacement Cost	FY 2020 Replacement Cost	FY 2021 Replacemen Cost
AutoCar Roll-Off Truck #5665	84	2553.6	5VCDC6BEX8H2O6656	9/8/2008	9/5/2015	$248,433.85	$261,400.00	Collection Transfer Station	Active				$ 294,208						
AutoCar Packer Truck #5523	84	2553.6	5VCDC6BE98H2O6664	7/17/2009	7/13/2016	$251,973.22	$266,076.00	Residential Collection	Active					$ 308,455					
AutoCar Packer Truck #5663	84	2553.6	5VCDC6BE28H2O6683	9/8/2008	9/5/2015	$251,973.22	$265,129.00	Residential Collection	Active				$ 298,405						
AutoCar Packer Truck #5664	84	2553.6	5VCDC6BEO8H2O6682	9/8/2008	9/5/2015	$251,973.22	$265,129.00	Residential Collection	Active				$ 298,405						
AutoCar Packer Truck #5662	84	2553.6	5VCDG6BE48H206684	9/16/2008	9/13/2015	$251,973.22	$265,129.00	Residential Collection	Active				$ 298,405						
AutoCar Packer Truck #5524	84	2553.6	5VCDC6BE78H2O6653	7/17/2009	7/13/2016	$251,973.22	$266,076.00	Residential Collection	Active					$ 308,455					
Peterbuilt Roll-Off Truck #5264	120	3648	3BPZLOOX7BF115226	3/7/2011	3/2/2021	$275,068.56	$275,068.56	Bulky Waste (Residential)	Active										$ 369,66
Skid Mounted Knuckleboom w/trash body	120	3648	EKR0020201210001	3/7/2011	3/2/2021	$98,328.27	$98,328.27	Bulky Waste (Residential)	Active										$ 132,14
Peterbuilt Roll-Off Truck #5270	120	3648	3BPZLOOX9BF115227	3/7/2011	3/2/2021	$275,068.56		Bulky Waste (Residential)	Backup										
Skid Mounted Knuckleboom w/trash body	120	3648	EKR0020201210002	3/7/2011	3/2/2021	$98,238.27	$98,238.27	Bulky Waste (Residential)	Active										$ 132,02
Peterbuilt Packer Truck #5265	84	2553.6	3BPZLOOXZBF115229	3/7/2011	3/3/2018	$306,478.57	$306,478.57	Residential Collection	Active							$ 376,930			
Peterbuilt Packer Truck #5266	84	2553.6	3BPZLOOK9BF115230	3/7/2011	3/3/2018	$306,478.57	$306,478.57	Residential Collection	Active							$ 376,930			
Peterbuilt Packer Truck #5269	84	2553.6	3BPZLOOKOBF115228	3/7/2011	3/3/2018	$306,478.57		Residential Collection	Backup										
Kenworth T-800 Packer Truck #4302	84	2553.6	INKOH58XOPJ585754	9/10/1992	9/7/1999	$120,340.00	$306,478.57	Residential Collection	Active										
Kenworth T-800 Roll Off Truck #5675	120	3648	1NK0L59X9NS579729	7/15/1992	7/11/2002	$114,774.00	$306,478.57	Collection Transfer Station	Active	$ 315,673									
Ford F250 Truck 3 cu yds. Baby Packer #5522	84	2553.6	1FTYNF215X9EA7279	6/23/2009	6/19/2016	$70,106.28	$74,053.00	Residential Collection-Baby Packer	Active					$ 85,848					
Ford F250 Truck 6 cu yds. Baby Packer #5534	84	2553.6	1FTNF21569EB18872	11/4/2009	10/31/2016	$71,168.88	$75,151.00	Residential Collection-Baby Packer	Active					$ 87,121					
Ford F250 Truck 6 cu yds. Baby Packer #5535	84	2553.6	1FTNF21509EA12326	11/4/2009	10/31/2016	$71,168.88	$75,151.00	Residential Collection-Baby Packer	Active					$ 87,121					
Ford F-150 Pickup Truck with flatbed #90	120	3648	1FTEX1CW5AFB80906	4/28/2010	4/23/2020	$37,900.00	$39,375.00	Cart Retrieval & deliveries	Active									$ 51,375	
Ford Ranger Pickup Truck with Rails #174	60	1824	1FTTKRIEDXAPA3698	6/28/2010	6/26/2015	$26,900.00	$27,947.00	Residential Collection	Active				$ 31,455					$ 36,464	
Ford Ranger Pickup Truck with Rails #100	60	1824	1TKRIED9APA34060	6/28/2010	6/26/2015	$26,900.00		Residential Collection	Backup										
Ford Ranger Pickup Truck #4691	60	1824	1FTZR45E27PA96773	10/3/2007	9/30/2012	$22,700.00	$24,802.00	Residential Collection	Active	$ 25,546					$ 29,615				
Ford Ranger Pickup Truck #4692	60	1824	1FTZR45E47PA96774	10/3/2007	9/30/2012	$22,700.00	$24,802.00	Residential Collection	Active	$ 25,546					$ 29,615				
Nissan Frontier Pickup 4 x 4 #4104	60	1824	IN6ED29Y24C424862	10/5/2004	10/3/2009	$20,636.00	$21,791.00	Mail Courier/Bank Runs	Active	$ 22,445					$ 26,020				
Nissan Frontier Pickup 4 x 4 #3624	60	1824	IN6ED29Y43C452239	6/19/1995	6/16/2000	$20,636.00	$21,791.00	Ordot/Layon (Dan's)	Active	$ 22,445					$ 26,020				
Dodge Dakota Pickup 4 x 4 #3841	60	1824	1B7GG23Y2VS313828	6/19/1995	6/16/2000	$20,000.00	$21,791.00	Maint.Grounds (Transfer Station	Active										
Freightliner CL Flatbed Conversion #3613	120	3648	3ALHA6CV84DM05681	7/30/2003	7/25/2013	$117,888.00	$145,146.00	Bulky Waste (Residential)	Active		$ 153,985								
Freightliner CL Dump Truck #3614	84	2553.6	3ALHA6CV14DM05683	7/30/2003	7/26/2010	$117,888.00		Residential Collection	Surplus										
Freightliner CL Packer Conversion #3615	84	2553.6	3ALHA6CV64DM05680	7/30/2003	7/26/2010	$117,888.00		Residential Collection	Backup										
Freightliner CL Packer Conversion #3616	84	2553.6	3ALHA6CV34DM05684	7/30/2003	7/26/2010	$117,888.00		Residential Collection	Backup										
Freightliner CL Flatbed Conversion #3675	84	2553.6	3ALHA6CV84DM88531	7/30/2003	7/26/2010	$117,888.00		Bulky Waste (Residential)	Backup										
Cat Compactor 826G II EQ-15	120	3648	AYH00553	5/29/2003	5/24/2013	$447,981.00		At Herzog (Layon) MOU	Backup										
Cat 262C Skidloader EQ-14	120	3648	MSTO1182	10/15/2008	10/11/2018	$62,406.00	$65,664.00	Dededo Transfer Station	Active							$ 80,758			
	92.1						$5,072,239.51	Projected Replacement Cost by Year		$ 411,655	$ 153,985	$ -	$ 1,220,878	$ 876,999	$ 111,269	$ 834,618	$ -	$ 87,840	$ 633,83
Average	7.7						$ 660,819.94	Annual Contribution		$ 680,645	$ 701,064	$ 722,096	$ 743,759	$ 766,071	$ 789,054	$ 812,725	$ 837,107	$ 862,220	$ 888,08
								Projected Balance Available		$ 268,990	$ 816,069	$ 1,538,164	$ 1,061,045	$ 950,118	$ 1,627,902	$ 1,606,009	$ 2,443,116	$ 3,217,496	$ 3,471,74
Disposal	7.4						$91,503.32			$ 94,248	$ 97,076	$ 99,988	$ 102,988	$ 106,077	$ 109,260	$ 112,538	$ 115,914	$ 119,391	$ 122,97
Residential							$569,316.62			$586,396.11	$603,988.00	$622,107.64	$640,770.87	$659,993.99	$679,793.81	$700,187.63	$721,193.26	$742,829.05	$765,113.9

Long-Term Landfill Consumption

Without Military

Year	CY's Consumed @ 2% Growth	Cumulative CYs Consumed		Liner construction	Final Cover Const
2012	138,647	138,647	Build 1&2	22.4	
2013	142,806	281,453			
2014	147,090	428,543			
2015	151,503	580,046			
2016	156,048	736,094			
2017	160,729	896,823			
2018	165,551	1,062,374			8
2019	170,518	1,232,892	Build 3	9.8	
2020	175,633	1,408,525			
2021	180,902	1,589,428			
2022	186,329	1,775,757			
2023	191,919	1,967,676			
2024	197,677	2,165,353	Build 4	10.0	
2025	203,607	2,368,960			8
2026	209,715	2,578,676			
2027	216,007	2,794,683			
2028	222,487	3,017,170			
2029	229,162	3,246,331	Build 5	13.3	
2030	236,037	3,482,368			
2031	243,118	3,725,486			8
2032	250,411	3,975,897			
2033	257,923	4,233,820			
2034	265,661	4,499,481	Build 6	11.8	
2035	273,631	4,773,112			
2036	281,840	5,054,952			10
2037	290,295	5,345,248			
2038	299,004	5,644,252			
2039	307,974	5,952,226			
2040	317,213	6,269,439	Build 7	16.1	
2041	326,730	6,596,169			12
2042	336,532	6,932,700			
2043	346,628	7,279,328			
2044	357,026	7,636,355			
2045	367,737	8,004,092	Build 8	14.2	
2046	378,769	8,382,861			
2047	390,132	8,772,993			12
2048	401,836	9,174,830			
2049	413,891	9,588,721			
2050	426,308	10,015,030			
2051	439,097	10,454,127			
2052	452,270	10,906,397	Build 9	8.7	
2053	465,839	11,372,236			12
2054	479,814	11,852,050	Build 10	8.9	
2055	494,208	12,346,258			
2056	509,034	12,855,292			12
2057	524,305	13,379,597	Build 11	12.2	
2058	540,035	13,919,632			
2059	556,236	14,475,867			12
2060	572,923	15,048,790			
2061	590,110	15,638,900			33.4
2062	607,814	16,246,714			
2063	626,048	16,872,762			
2064	644,829	17,517,591			
2065	664,174	18,181,766			
2066	684,100	18,865,865			
2067	704,623	19,570,488			
2068	725,761	20,296,249			
2069	747,534	21,043,783			
2070	769,960	21,813,743			
2071	793,059	22,606,802			
2072	816,851	23,423,653			
2073					
				127.4	127.4

With Military

Year	CY's Consumed @ 2% Growth	Cumulative CYs Consumed		Liner construction	Final Cover Const
2012	149,063	149,063	Build 1&2	22.4	
2013	153,639	302,703			
2014	158,340	461,043			
2015	163,170	624,212			
2016	167,715	791,927			
2017	172,746	964,673			
2018	177,928	1,142,601	Build 3	9.8	8
2019	183,266	1,325,868			
2020	188,764	1,514,632			
2021	194,427	1,709,059			
2022	200,260	1,909,319	Build 4	10.0	
2023	206,268	2,115,587			8
2024	212,456	2,328,043			
2025	218,830	2,546,872			
2026	225,394	2,772,267	Build 5	13.3	
2027	232,156	3,004,423			8
2028	239,121	3,243,544			
2029	246,295	3,489,839			
2030	253,683	3,743,522	Build 6	11.8	
2031	261,294	4,004,816			8
2032	269,133	4,273,949			
2033	277,207	4,551,155			
2034	285,523	4,836,678			8
2035	294,089	5,130,767			
2036	302,911	5,433,678	Build 7	16.1	
2037	311,999	5,745,677			
2038	321,359	6,067,035			8
2039	330,999	6,398,035			
2040	340,929	6,738,964	Build 8	14.2	
2041	351,157	7,090,121			
2042	361,692	7,451,813			8
2043	372,543	7,824,356			
2044	383,719	8,208,074			
2045	395,230	8,603,305			8
2046	407,087	9,010,392			
2047	419,300	9,429,692	Build 9	8.7	
2048	431,879	9,861,571			8
2049	444,835	10,306,407	Build 10	8.9	
2050	458,180	10,764,587			12
2051	471,926	11,236,513	Build 11	12.2	
2052	486,084	11,722,597			
2053	500,666	12,223,263			12
2054	515,686	12,738,949			
2055	531,157	13,270,106			
2056	547,091	13,817,197			31.4
2057	563,504	14,380,701			
2058	580,409	14,961,111			
2059	597,822	15,558,932			
2060	615,756	16,174,688			
2061	634,229	16,808,917			
2062	653,256	17,462,173			
2063	672,853	18,135,026			
2064	693,039	18,828,066			
				127.4	127.4

Last Ops Year	2061
Final Closure in Year	2062
Post Closure Begins	2063

New Cell Development Reserve

Reserve for new cell development		
1 Cost of new cell developed per acre	$	900,000
2 Size of cell 3 (acres)		9.8
3 Size of cell 4 (acres)		10
4 Base year cost of Cells 3 and 4	$	17,820,000
5 Projected inflation at same rate as operating budget.		

GBB NE Study + 50%		
2009	2010	2011
$ 218,762.48	**$ 225,325.35**	**$ 232,085.11**
		$ 348,127.67

With Military

Inflation Factor 3.0%

Earnings Assumption 2.0%

	Year	Cell Development Contribution	Cell Development Expense	Investment Earnings	Reserve Balance	
1	2012	$ 50,000	$ -	$ -	$ 22,550,000	
2	2013	$ 50,000	$ -	$ 451,000	$ 23,051,000	
3	2014	$ 50,000	$ -	$ 461,020	$ 23,562,020	
4	2015	$ 50,000	$ 500,000	$ 471,240	$ 23,583,260	
5	2016	$ 50,000	$ -	$ 471,665	$ 24,104,926	
6	2017	$ 50,000	$ -	$ 482,099	$ 24,637,024	
7	2018	$ 50,000	$ 10,531,541	$ 492,740	$ 14,648,223	
8	2019	$ 50,000	$ -	$ 292,964	$ 14,991,188	
9	2020	$ 50,000	$ -	$ 299,824	$ 15,341,012	
10	2021	$ 50,000	$ -	$ 306,820	$ 15,697,832	
11	2022	$ 50,000	$ 12,095,247	$ 313,957	$ 3,966,541	
12	2023	$ 3,000,000	$ -	$ 79,331	$ 7,045,872	
13	2024	$ 3,000,000	$ -	$ 140,917	$ 10,186,789	
14	2025	$ 3,000,000	$ -	$ 203,736	$ 13,390,525	
15	2026	$ 3,000,000	$ 18,105,699	$ 267,811	$ (1,447,363)	
16	2027	$ 3,000,000	$ -	$ (28,947)	$ 1,523,689	
17	2028	$ 4,000,000	$ -	$ 30,474	$ 5,554,163	
18	2029	$ 4,000,000	$ -	$ 111,083	$ 9,665,246	
19	2030	$ 4,000,000	$ 18,079,839	$ 193,305	$ (4,221,288)	
20	2031	$ 4,000,000	$ -	$ (84,426)	$ (305,714)	
21	2032	$ 4,000,000	$ -	$ (6,114)	$ 3,688,172	
22	2033	$ 5,000,000	$ -	$ 73,763	$ 8,761,936	
23	2034	$ 5,000,000	$ -	$ 175,239	$ 13,937,174	
24	2035	$ 5,000,000	$ -	$ 278,743	$ 19,215,918	
25	2036	$ 5,000,000	$ 29,455,187	$ 384,318	$ (4,854,950)	
26	2037	$ 5,000,000	$ -	$ (97,099)	$ 47,951	
27	2038	$ 6,000,000	$ -	$ 959	$ 6,048,910	
28	2039	$ 6,000,000	$ -	$ 120,978	$ 12,169,888	
29	2040	$ 6,000,000	$ 29,239,716	$ 243,398	$ (10,826,430)	
30	2041	$ 6,000,000	$ -	$ (216,529)	$ (5,042,959)	
31	2042	$ 6,000,000	$ -	$ (100,859)	$ 856,182	
32	2043	$ 6,800,000	$ -	$ 17,124	$ 7,673,306	
33	2044	$ 6,800,000	$ -	$ 153,466	$ 14,626,772	
34	2045	$ 6,800,000	$ -	$ 292,535	$ 21,719,307	
35	2046	$ 6,800,000	$ -	$ 434,386	$ 28,953,693	
36	2047	$ 6,800,000	$ 22,032,543	$ 579,074	$ 14,300,224	
37	2048	$ 6,800,000	$ -	$ 286,004	$ 21,386,229	
38	2049	$ 6,800,000	$ 23,911,666	$ 427,725	$ 4,702,288	
	2050	$ 6,800,000	$ -	$ 94,046	$ 11,596,333	
	2051	$ 6,750,000	$ 34,773,956	$ 231,927	$ (16,195,696)	Last increment
	2052	$ -	$ -	$ (323,914)	$ (16,519,610)	Of lined area
	2053	$ -	$ -	$ (330,392)	$ (16,850,002)	
	2054	$ -	$ -	$ (337,000)	$ (17,187,002)	
	2055	$ -	$ -	$ (343,740)	$ (17,530,743)	Last Ops Year
	2056	$ -	$ -	$ (350,615)	$ (17,881,357)	
	2057	$ -	$ -	$ (357,627)	$ (18,238,985)	
	2058	$ -	$ -	$ (364,780)	$ (18,603,764)	
	2059	$ -	$ -	$ (372,075)	$ (18,975,840)	
	2060	$ -	$ -	$ (379,517)	$ (19,355,356)	
	2061	$ -	$ -	$ (387,107)	$ (19,742,463)	
	2062	$ -	$ -	$ (394,849)	$ (20,137,313)	
	2063	$ -	$ -	$ (402,746)	$ (20,540,059)	
	2064					
	2065					
	2066					
	2067					
	2068					
	2069					
	2070					
	2071					
	2072					

Without Military

Inflation Factor 3.0%

Earnings Assumption 2.0%

Year	Cell Development Contribution	Cell Development Expense	Investment Earnings	Reserve Balance
1	$ 50,000	$ -	$ -	$ 22,550,000
2	$ 50,000	$ -	$ 451,000	$ 23,051,000
3	$ 50,000	$ -	$ 461,020	$ 23,562,020
4	$ 50,000	$ 500,000	$ 471,240	$ 23,583,260
5	$ 50,000	$ -	$ 471,665	$ 24,104,926
6	$ 50,000	$ -	$ 482,099	$ 24,637,024
7	$ 50,000	$ -	$ 492,740	$ 25,179,765
8	$ 50,000	$ 10,847,487	$ 503,595	$ 14,885,872
9	$ 50,000	$ -	$ 297,717	$ 15,233,590
10	$ 50,000	$ -	$ 304,672	$ 15,588,262
11	$ 50,000	$ -	$ 311,765	$ 15,950,027
12	$ 3,000,000	$ -	$ 319,001	$ 19,269,027
13	$ 3,000,000	$ 12,831,848	$ 385,381	$ 9,822,560
14	$ 3,000,000	$ -	$ 196,451	$ 13,019,011
15	$ 4,000,000	$ -	$ 260,380	$ 17,279,391
16	$ 4,000,000	$ -	$ 345,588	$ 21,624,979
17	$ 4,000,000	$ -	$ 432,500	$ 26,057,479
18	$ 4,000,000	$ 19,784,586	$ 521,150	$ 10,794,042
19	$ 4,000,000	$ -	$ 215,881	$ 15,009,923
20	$ 4,000,000	$ -	$ 300,198	$ 19,310,122
21	$ 5,000,000	$ -	$ 386,202	$ 24,696,324
22	$ 5,000,000	$ -	$ 493,926	$ 30,190,250
23	$ 5,000,000	$ 20,349,018	$ 603,805	$ 15,445,037
24	$ 5,000,000	$ -	$ 308,901	$ 20,753,938
25	$ 5,000,000	$ -	$ 415,079	$ 26,169,017
26	$ 5,000,000	$ -	$ 523,380	$ 31,692,397
27	$ 5,000,000	$ -	$ 633,848	$ 37,326,245
28	$ 5,000,000	$ -	$ 746,525	$ 43,072,770
29	$ 5,000,000	$ 33,152,072	$ 861,455	$ 15,782,153
30	$ 5,000,000	$ -	$ 315,643	$ 21,097,796
31	$ 5,000,000	$ -	$ 421,956	$ 26,519,752
32	$ 5,000,000	$ -	$ 530,395	$ 32,050,147
33	$ 5,000,000	$ -	$ 641,003	$ 37,691,150
34	$ 5,000,000	$ 33,896,844	$ 753,823	$ 9,548,129
35	$ 5,000,000	$ -	$ 190,963	$ 14,739,092
36	$ 5,000,000	$ -	$ 294,782	$ 20,033,873
37	$ 5,000,000	$ -	$ 400,677	$ 25,434,551
38	$ 5,000,000	$ -	$ 508,691	$ 30,943,242
39	$ 5,000,000	$ -	$ 618,865	$ 36,562,107
40	$ 5,000,000	$ -	$ 731,242	$ 42,293,349
41	$ 5,000,000	$ 25,541,756	$ 845,867	$ 22,597,460
42	$ 5,000,000	$ -	$ 451,949	$ 28,049,409
43	$ 5,000,000	$ 27,720,174	$ 560,988	$ 5,890,223
44	$ 5,570,000	$ -	$ 117,804	$ 11,578,028
45	$ 5,570,000	$ -	$ 231,561	$ 17,379,588
46	$ 5,570,000	$ 41,521,922	$ 347,592	$ (18,224,742)
47	$ -	$ -	$ (364,495)	$ (18,589,237)
48	$ -	$ -	$ (371,785)	$ (18,961,022)
49	$ -	$ -	$ (379,220)	$ (19,340,242)
50	$ -	$ -	$ (386,805)	$ (19,727,047)
51	$ -	$ -	$ (394,541)	$ (20,121,588)
52	$ -	$ -	$ (402,432)	$ (20,524,020)
53	$ -	$ -	$ (410,480)	$ (20,934,500)
54	$ -	$ -	$ (418,690)	$ (21,353,190)
55	$ -	$ -	$ (427,064)	$ (21,780,254)
56	$ -	$ -	$ (435,605)	$ (22,215,859)
57	$ -	$ -	$ (444,317)	$ (22,660,176)
58	$ -	$ -	$ (453,204)	$ (23,113,380)
59	$ -	$ -	$ (462,268)	$ (23,575,648)
60	$ -	$ -	$ (471,513)	$ (24,047,161)

Inflation Factor 3.0%

Earnings Assumption 2.0%

Year	Estimated Cell Development Cost Per Acre
1	$ 900,000
2	$ 927,000
3	$ 954,810
4	$ 983,454
5	$ 1,012,958
6	$ 1,043,347
7	$ 1,074,647
8	$ 1,106,886
9	$ 1,140,093
10	$ 1,174,296
11	$ 1,209,525
12	$ 1,245,810
13	$ 1,283,185
14	$ 1,321,680
15	$ 1,361,331
16	$ 1,402,171
17	$ 1,444,236
18	$ 1,487,563
19	$ 1,532,190
20	$ 1,578,155
21	$ 1,625,500
22	$ 1,674,265
23	$ 1,724,493
24	$ 1,776,228
25	$ 1,829,515
26	$ 1,884,400
27	$ 1,940,932
28	$ 1,999,160
29	$ 2,059,135
30	$ 2,120,909
31	$ 2,184,536
32	$ 2,250,072
33	$ 2,317,574
34	$ 2,387,102
35	$ 2,458,715
36	$ 2,532,476
37	$ 2,608,450
38	$ 2,686,704
39	$ 2,767,305
40	$ 2,850,324
41	$ 2,935,834
42	$ 3,023,909
43	$ 3,114,626
44	$ 3,208,065
45	$ 3,304,307
46	$ 3,403,436
47	$ 3,505,539
48	$ 3,610,706
49	$ 3,719,027
50	$ 3,830,597
51	$ 3,945,515
52	$ 4,063,881
53	$ 4,185,797
54	$ 4,311,371
55	$ 4,440,712
56	$ 4,573,934
57	$ 4,711,152
58	$ 4,852,486
59	$ 4,998,061
60	$ 5,148,003

Cell Closure Reserve

Reserve for closure cost

1 Life of cells 1 and 2 is expected to be 7 years with Military and 9 years without Military.

2 Projected inflation at same rate as operating budget.

Cells	Average size	Cost Per Acre	Total	Number of Cells Per Cycle	Total Required Reserve
11	11.6	$ 199,000	$ 2,304,782	1	$ 2,304,782

Inflation Factor	3.0%
Earnings Assumption	2.0%

With Military

Year	Cell Closure Contribution	Cell Closure Expenses	Investment Earnings	Reserve Balance	
2012	$ 50,000	$ -	$ -	$ 7,550,000	
2013	$ 50,000	$ -	$ 151,000	$ 7,751,000	
2014	$ 50,000	$ -	$ 155,020	$ 7,956,020	
2015	$ 50,000	$ -	$ 159,120	$ 8,165,140	
2016	$ 50,000	$ -	$ 163,303	$ 8,378,443	
2017	$ 50,000	$ -	$ 167,569	$ 8,596,012	
2018	$ 50,000	$ 1,900,931	$ 171,920	$ 6,917,001	
2019	$ 50,000	$ -	$ 138,340	$ 7,105,341	
2020	$ 50,000	$ -	$ 142,107	$ 7,297,448	
2021	$ 50,000	$ -	$ 145,949	$ 7,493,397	
2022	$ 50,000	$ -	$ 149,868	$ 7,693,265	
2023	$ 50,000	$ 2,203,700	$ 153,865	$ 5,693,430	
2024	$ 50,000	$ -	$ 113,869	$ 5,857,298	
2025	$ 1,000,000	$ -	$ 117,146	$ 6,974,444	
2026	$ 1,000,000	$ -	$ 139,489	$ 8,113,933	
2027	$ 1,000,000	$ 2,480,284	$ 162,279	$ 6,795,928	
2028	$ 1,000,000	$ -	$ 135,919	$ 7,931,846	
2029	$ 1,000,000	$ -	$ 158,637	$ 9,090,483	
2030	$ 1,000,000	$ -	$ 181,810	$ 10,272,293	
2031	$ 1,000,000	$ 2,791,582	$ 205,446	$ 8,686,157	
2032	$ 1,000,000	$ -	$ 173,723	$ 9,859,880	
2033	$ 1,000,000	$ -	$ 197,198	$ 11,057,078	
2034	$ 1,000,000	$ 3,050,437	$ 221,142	$ 9,227,783	
2035	$ 1,000,000	$ -	$ 184,556	$ 10,412,338	
2036	$ 1,500,000	$ -	$ 208,247	$ 12,120,585	
2037	$ 1,500,000	$ -	$ 242,412	$ 13,862,997	
2038	$ 1,500,000	$ 3,433,293	$ 277,260	$ 12,206,964	
2039	$ 1,500,000	$ -	$ 244,139	$ 13,951,103	
2040	$ 1,500,000	$ -	$ 279,022	$ 15,730,125	
2041	$ 1,500,000	$ -	$ 314,602	$ 17,544,727	
2042	$ 1,500,000	$ 3,864,202	$ 350,895	$ 15,531,420	
2043	$ 1,500,000	$ -	$ 310,628	$ 17,342,048	
2044	$ 1,500,000	$ -	$ 346,841	$ 19,188,889	
2045	$ 1,500,000	$ 4,222,518	$ 383,778	$ 16,850,150	
2046	$ 1,500,000	$ -	$ 337,003	$ 18,687,153	
2047	$ 1,500,000	$ -	$ 373,743	$ 20,560,896	
2048	$ 1,500,000	$ 4,614,059	$ 411,218	$ 17,858,054	
2049	$ 1,500,000	$ -	$ 357,161	$ 19,715,215	
2050	$ 1,500,000	$ 7,342,583	$ 394,304	$ 14,266,937	
2051	$ 1,500,000	$ -	$ 285,339	$ 16,052,276	
2052	$ 1,500,000	$ -	$ 321,046	$ 17,873,321	
2053	$ 1,500,000	$ 8,023,439	$ 357,466	$ 11,707,349	
2054	$ 1,500,000	$ -	$ 234,147	$ 13,441,496	
2055	$ 1,500,000	$ -	$ 268,830	$ 15,210,326	Last Ops Year
2056	$ 1,455,000	$ 22,941,437	$ 304,207	$ (5,971,904)	Last increment
2057		$ -	$ (119,438)	$ (6,091,342)	of Final Cover
2058		$ -	$ (121,827)	$ (6,213,169)	
2059		$ -	$ (124,263)	$ (6,337,433)	
2060		$ -	$ (126,749)	$ (6,464,181)	
2061		$ -	$ (129,284)	$ (6,593,465)	
2062		$ -	$ (131,869)	$ (6,725,334)	
2063	$ -	$ -	$ (134,507)	$ (6,859,841)	
2064		$ -			
2065					
2066		$ -			
2067					
2068					
2069					
2070					
2071					
2072					

Without Military

Year	Cell Closure Contribution	Cell Closure Expenses	Investment Earnings	Reserve Balance
1	$ 50,000	$ -	$ -	$ 7,550,000
2	$ 50,000	$ -	$ 151,000	$ 7,751,000
3	$ 50,000	$ -	$ 155,020	$ 7,956,020
4	$ 50,000	$ -	$ 159,120	$ 8,165,140
5	$ 50,000	$ -	$ 163,303	$ 8,378,443
6	$ 50,000	$ -	$ 167,569	$ 8,596,012
7	$ 50,000	$ 1,900,931	$ 171,920	$ 6,917,001
8	$ 50,000	$ -	$ 138,340	$ 7,105,341
9	$ 50,000	$ -	$ 142,107	$ 7,297,448
10	$ 50,000	$ -	$ 145,949	$ 7,493,397
11	$ 50,000	$ -	$ 149,868	$ 7,693,265
12	$ 50,000	$ -	$ 153,865	$ 7,897,130
13	$ 50,000	$ -	$ 157,943	$ 8,105,073
14	$ 50,000	$ 2,337,906	$ 162,101	$ 5,979,268
15	$ 50,000	$ -	$ 119,585	$ 6,148,854
16	$ 50,000	$ -	$ 122,977	$ 6,321,831
17	$ 1,000,000	$ -	$ 126,437	$ 7,448,268
18	$ 1,000,000	$ -	$ 148,965	$ 8,597,233
19	$ 1,000,000	$ -	$ 171,945	$ 9,769,178
20	$ 1,000,000	$ 2,791,582	$ 195,384	$ 8,172,979
21	$ 1,000,000	$ -	$ 163,460	$ 9,336,439
22	$ 1,000,000	$ -	$ 186,729	$ 10,523,168
23	$ 1,000,000	$ -	$ 210,463	$ 11,733,631
24	$ 1,000,000	$ -	$ 234,673	$ 12,968,304
25	$ 1,000,000	$ 4,045,260	$ 259,366	$ 10,182,410
26	$ 1,000,000	$ -	$ 203,648	$ 11,386,058
27	$ 1,000,000	$ -	$ 227,721	$ 12,613,779
28	$ 1,000,000	$ -	$ 252,276	$ 13,866,055
29	$ 1,000,000	$ -	$ 277,321	$ 15,143,376
30	$ 1,000,000	$ 5,627,478	$ 302,868	$ 10,818,765
31	$ 1,500,000	$ -	$ 216,375	$ 12,535,140
32	$ 1,500,000	$ -	$ 250,703	$ 14,285,843
33	$ 1,500,000	$ -	$ 285,717	$ 16,071,560
34	$ 1,500,000	$ -	$ 321,431	$ 17,892,991
35	$ 2,000,000	$ -	$ 357,860	$ 20,250,851
36	$ 2,000,000	$ 6,719,504	$ 405,017	$ 15,936,364
37	$ 2,000,000	$ -	$ 318,727	$ 18,255,091
38	$ 2,000,000	$ -	$ 365,102	$ 20,620,193
39	$ 2,000,000	$ -	$ 412,404	$ 23,032,597
40	$ 2,000,000	$ -	$ 460,652	$ 25,493,249
41	$ 2,000,000	$ -	$ 509,865	$ 28,003,114
42	$ 2,000,000	$ 8,023,439	$ 560,062	$ 22,539,738
43	$ 2,000,000	$ -	$ 450,795	$ 24,990,532
44	$ 2,000,000	$ -	$ 499,811	$ 27,490,343
45	$ 2,000,000	$ 8,767,428	$ 549,807	$ 21,272,722
46	$ 2,000,000	$ -	$ 425,454	$ 23,698,176
47	$ 2,000,000	$ -	$ 473,964	$ 26,172,140
48	$ 2,000,000	$ 9,580,405	$ 523,443	$ 19,115,177
49	$ 1,770,000	$ -	$ 382,304	$ 21,267,481
50		$ 28,289,388	$ 425,350	$ (6,596,558)
51		$ -	$ (131,931)	$ (6,728,489)
52		$ -	$ (134,570)	$ (6,863,058)
53		$ -	$ (137,261)	$ (7,000,320)
54		$ -	$ (140,006)	$ (7,140,326)
55		$ -	$ (142,807)	$ (7,283,133)
56		$ -	$ (145,663)	$ (7,428,795)
57		$ -	$ (148,576)	$ (7,577,371)
58		$ -	$ (151,547)	$ (7,728,919)
59		$ -	$ (154,578)	$ (7,883,497)
60		$ -	$ (157,670)	$ (8,041,167)
			$ (160,823)	$ (8,201,990)

Year	Estimated Closure Cost Per Acre
1	$ 199,000
2	$ 204,970
3	$ 211,119
4	$ 217,453
5	$ 223,976
6	$ 230,696
7	$ 237,616
8	$ 244,745
9	$ 252,087
10	$ 259,650
11	$ 267,439
12	$ 275,463
13	$ 283,726
14	$ 292,238
15	$ 301,005
16	$ 310,036
17	$ 319,337
18	$ 328,917
19	$ 338,784
20	$ 348,948
21	$ 359,416
22	$ 370,199
23	$ 381,305
24	$ 392,744
25	$ 404,526
26	$ 416,662
27	$ 429,162
28	$ 442,037
29	$ 455,298
30	$ 468,957
31	$ 483,025
32	$ 497,516
33	$ 512,441
34	$ 527,815
35	$ 543,649
36	$ 559,959
37	$ 576,757
38	$ 594,060
39	$ 611,882
40	$ 630,238
41	$ 649,146
42	$ 668,620
43	$ 688,678
44	$ 709,339
45	$ 730,619
46	$ 752,538
47	$ 775,114
48	$ 798,367
49	$ 822,318
50	$ 846,988
51	$ 872,397
52	$ 898,569
53	$ 925,526
54	$ 953,292
55	$ 981,891
56	$ 1,011,348
57	$ 1,041,688
58	$ 1,072,939
59	$ 1,105,127
60	$ 1,138,281
61	$ 1,172,429

Post Closure Reserve

Inflation Factor	3.0%	Inflation Factor	3.0%
Per Acre Post Closure Cost	$ 5,039	Earnings Assumption	4.0%

Year	Fiscal Year	Post Closure Contribution	Post Closure Expenses	Investment Earnings	Reserve Balance
1	2012	$ 100,000	$ -	$ -	$ 100,000
2	2013	$ 100,000	$ -	$ 4,000	$ 204,000
3	2014	$ 100,000	$ -	$ 8,160	$ 312,160
4	2015	$ 100,000	$ -	$ 12,486	$ 424,646
5	2016	$ 100,000	$ -	$ 16,986	$ 541,632
6	2017	$ 100,000	$ -	$ 21,665	$ 663,298
7	2018	$ 100,000	$ -	$ 26,532	$ 789,829
8	2019	$ 100,000	$ -	$ 31,593	$ 921,423
9	2020	$ 100,000	$ -	$ 36,857	$ 1,058,280
10	2021	$ 100,000	$ -	$ 42,331	$ 1,200,611
11	2022	$ 200,000	$ -	$ 48,024	$ 1,448,635
12	2023	$ 200,000	$ -	$ 57,945	$ 1,706,581
13	2024	$ 200,000	$ -	$ 68,263	$ 1,974,844
14	2025	$ 200,000	$ -	$ 78,994	$ 2,253,838
15	2026	$ 200,000	$ -	$ 90,154	$ 2,543,991
16	2027	$ 400,000	$ -	$ 101,760	$ 3,045,751
17	2028	$ 400,000	$ -	$ 121,830	$ 3,567,581
18	2029	$ 400,000	$ -	$ 142,703	$ 4,110,284
19	2030	$ 400,000	$ -	$ 164,411	$ 4,674,695
20	2031	$ 400,000	$ -	$ 186,988	$ 5,261,683
21	2032	$ 400,000	$ -	$ 210,467	$ 5,872,150
22	2033	$ 400,000	$ -	$ 234,886	$ 6,507,036
23	2034	$ 400,000	$ -	$ 260,281	$ 7,167,318
24	2035	$ 400,000	$ -	$ 286,693	$ 7,854,011
25	2036	$ 400,000	$ -	$ 314,160	$ 8,568,171
26	2037	$ 1,000,000	$ -	$ 342,727	$ 9,910,898
27	2038	$ 1,000,000	$ -	$ 396,436	$ 11,307,334
28	2039	$ 1,000,000	$ -	$ 452,293	$ 12,759,627
29	2040	$ 1,000,000	$ -	$ 510,385	$ 14,270,012
30	2041	$ 1,000,000	$ -	$ 570,800	$ 15,840,813
31	2042	$ 1,000,000	$ -	$ 633,633	$ 17,474,445
32	2043	$ 1,000,000	$ -	$ 698,978	$ 19,173,423
33	2044	$ 1,000,000	$ -	$ 766,937	$ 20,940,360
34	2045	$ 1,000,000	$ -	$ 837,614	$ 22,777,974
35	2046	$ 1,000,000	$ -	$ 911,119	$ 24,689,093
36	2047	$ 2,200,000	$ -	$ 987,564	$ 27,876,657
37	2048	$ 2,200,000	$ -	$ 1,115,066	$ 31,191,723
38	2049	$ 2,200,000	$ -	$ 1,247,669	$ 34,639,392
39	2050	$ 2,200,000	$ -	$ 1,385,576	$ 38,224,968
40	2051	$ 2,200,000	$ -	$ 1,528,999	$ 41,953,967
41	2052	$ 2,200,000	$ -	$ 1,678,159	$ 45,832,125
42	2053	$ 2,200,000	$ -	$ 1,833,285	$ 49,865,410
43	2054	$ 2,000,000	$ -	$ 1,994,616	$ 53,860,027
44	2055	$ 1,600,000	$ -	$ 2,154,401	$ 57,614,428
45	2056		$ 2,288,101	$ 2,304,577	$ 57,630,904
46	2057		$ 2,356,744	$ 2,305,236	$ 57,579,395
47	2058		$ 2,427,447	$ 2,303,176	$ 57,455,124
48	2059		$ 2,500,270	$ 2,298,205	$ 57,253,059
49	2060		$ 2,575,278	$ 2,290,122	$ 56,967,903
50	2061		$ 2,652,537	$ 2,278,716	$ 56,594,082
51	2062		$ 2,732,113	$ 2,263,763	$ 56,125,733
52	2063		$ 2,814,076	$ 2,245,029	$ 55,556,686
53	2064		$ 2,898,498	$ 2,222,267	$ 54,880,455
54	2065		$ 2,985,453	$ 2,195,218	$ 54,090,220
55	2066		$ 3,075,017	$ 2,163,609	$ 53,178,812
56	2067		$ 3,167,267	$ 2,127,152	$ 52,138,697
57	2068		$ 3,262,286	$ 2,085,548	$ 50,961,959
58	2069		$ 3,360,154	$ 2,038,478	$ 49,640,283
59	2070		$ 3,460,959	$ 1,985,611	$ 48,164,936
60	2071		$ 3,564,787	$ 1,926,597	$ 46,526,746
61	2072		$ 3,671,731	$ 1,861,070	$ 44,716,085
62	2073		$ 3,781,883	$ 1,788,643	$ 42,722,845
63	2074		$ 3,895,340	$ 1,708,914	$ 40,536,420
64	2075		$ 4,012,200	$ 1,621,457	$ 38,145,677
65	2076		$ 4,132,566	$ 1,525,827	$ 35,538,938
66	2077		$ 4,256,543	$ 1,421,558	$ 32,703,953
67	2078		$ 4,384,239	$ 1,308,158	$ 29,627,872
68	2079		$ 4,515,766	$ 1,185,115	$ 26,297,221
69	2080		$ 4,651,239	$ 1,051,889	$ 22,697,871
70	2081		$ 4,790,776	$ 907,915	$ 18,815,009
71	2082		$ 4,934,500	$ 752,600	$ 14,633,110
72	2083		$ 5,082,535	$ 585,324	$ 10,135,900
73	2084		$ 5,235,011	$ 405,436	$ 5,306,325
74	2085		$ 5,392,061	$ 212,253	$ 126,517

Year	Post Closure Inflation Adj Cost
1	$ 641,911
2	$ 661,168
3	$ 681,003
4	$ 701,433
5	$ 722,476
6	$ 744,150
7	$ 766,475
8	$ 789,469
9	$ 813,153
10	$ 837,548
11	$ 862,674
12	$ 888,555
13	$ 915,211
14	$ 942,667
15	$ 970,948
16	$ 1,000,076
17	$ 1,030,078
18	$ 1,060,981
19	$ 1,092,810
20	$ 1,125,594
21	$ 1,159,362
22	$ 1,194,143
23	$ 1,229,967
24	$ 1,266,866
25	$ 1,304,872
26	$ 1,344,018
27	$ 1,384,339
28	$ 1,425,869
29	$ 1,468,645
30	$ 1,512,705
31	$ 1,558,086
32	$ 1,604,828
33	$ 1,652,973
34	$ 1,702,562
35	$ 1,753,639
36	$ 1,806,248
37	$ 1,860,436
38	$ 1,916,249
39	$ 1,973,736
40	$ 2,032,948
41	$ 2,093,937
42	$ 2,156,755
43	$ 2,221,458
44	$ 2,288,101

LAYON LANDFILL

Landfill Operator Base and Variable Cost

Based on Herzog approved contract.

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Tons	80,765	83,188	85,684	88,254	90,902
Base Operating Tonnage	80,000	80,000	80,000	80,000	80,000
Base Operating Fee	2,871,680	2,871,680	2,983,676	3,100,039	3,220,940
Compactor MOU Offset		($24,000)	($24,000)	($24,000)	($24,000)
Net Operating Fee	$ 2,871,680	$ 2,847,680	$ 2,959,676	$ 3,076,039	$ 3,196,940
Tons (including Military)	80,765	89,438	92,184	95,004	97,902
Tons in excess of 80,000	765	9,438	12,184	15,004	17,902
Cost per Ton	$ -	$ 21.90	$ 22.75	$ 23.64	$ 24.56
Cost - Tons in excess of 80,000		$206,691	$277,227	$354,719	$439,729
Total Cost Base and Excess		$3,054,371	$3,236,902	$3,430,758	$3,636,670

Inflation Assumption for Base Operating Fee and 3.9% increase in cost per year

	FY 2012	FY 2013	FY 2014	FY 2015
Residential Base Fee	611,759	635,617	660,407	686,162
Residential Excess Fee	44,032	59,058	75,566	93,676
Non-Residential Tons Base Fee	2,259,921.10	2,348,058.02	2,439,632.29	2,534,777.95
Non-Residential Tons Excess Fee	162,659.35	218,168.54	279,152.99	346,053.09

Commercial Transfer Station Base and Variable Rates

Based on Guahan Waste Control Contract

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Tons	80,765	82,283	84,809	87,404	90,070
Base Tonnage	80,000	80,000	80,000	80,000	80,000
Tons in excess of Base	765	2,283	4,809	7,404	10,070
Contract Cost per Ton	$ -	$28.15	$ 29.25	$ 30.39	$ 31.57
Fuel Cost per Ton	$ -	$1.93	$ 2.01	$ 2.08	$ 2.16
Cost per Ton	$ -	$ 30.08	$ 31.25	$ 32.47	$ 33.74
Total Cost in excess of Base	$ -	$ 68,670	$ 150,293	$ 240,415	$ 339,732
Total Cost for Base Tonnage	$ -	$ 2,406,400	$ 2,500,250	$ 2,597,759	$ 2,699,072
Total Cost Base & Excess	$ -	$ 2,475,070	$ 2,650,543	$ 2,838,174	$ 3,038,804
Inflation Assumption			3.9%	increase per year of cost	
Assumed % total waste through transfer station			92.0%		
Residential Base Fee		$ 512,640	$ 532,632	$ 553,405	$ 574,988
Residential Excess Fee		$ 14,629	$ 32,017	$ 51,216	$ 72,374
Non-Residential Tons Base Fee		$ 1,893,760	$ 1,967,617	$ 2,044,354	$ 2,124,084
Non-Residential Tons Excess Fee		$ 54,041	$ 118,276	$ 189,199	$ 267,358

Key Assumptions	
1	Disposal, residential and support services, exclusive of contract services, are assumed to grow at a rate of 3% per year after the base year FY2012.
2	Fund balance is based on the audited fund balance for FY 2010 plus the unaudited revenue and expenditures for FY 2011.
3	Commercial Transfer Station services are based on the contract with Guahan Waste Services as amended, the scale house run by GSWA.
4	The Layon Landfill will be operated by a qualified operator, currently Herzog Environmental, Inc., with only the scale house run by the GSWA. A GSWA contract monitor will also be onsite.
5	Waste (excluding C&D and other unacceptable waste) generated off-base by Military families, construction and other Military related activities will be disposed of at the Layon Landfill as civilian waste.
6	Military waste estimates are based on contract No. N40192-11-C-5101 under which services were initiated on 10-1-2011.
7	Non-military waste is based on scale weights at the Ordot Dump and Layon Landfill during FY 2010 and FY 2011 with an annual growth rate of 3 percent.
8	Airspace utilization factor is 0.6 tons of waste, daily and intermediate cover will occupy 1 cubic yard of airspace.