

APPENDIX Y

CLOSURE/POST CLOSURE COST ESTIMATE

**MRLF
CLOSURE/POST-CLOSURE CARE COST ESTIMATE**

SIZE OF CLOSURE AREA:		415.0 ACRES
TOTAL CLOSURE COSTS	\$	9,102,630.00
TOTAL POST-CLOSURE COSTS	\$	6,912,000.00
TOTAL CORRECTIVE ACTION COSTS:	\$	-
TOTAL COST ESTIMATES:	\$	16,014,630

NOTES:

- 1 - Cost estimates are reported in 2011 third-party dollars
- 2 - Corrective actions are not occurring, nor anticipated, on-site.



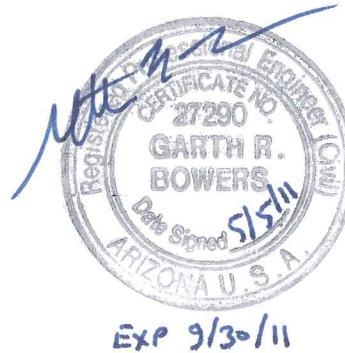
Exp 9/30/11

**TABLE 1
MRLF
FINAL CAPPING COST ESTIMATES SUMMARY**

SIZE OF CLOSURE AREA:		415.0 ACRES		
CLOSURE COSTS	MEASURE	UNIT COST ⁽¹⁾	QUANTITY	TOTAL
Grading of Waste/Surface Preparation	Acre	\$ 500.00	415.0	\$ 207,500.00
Surveying	Acre	\$ 500.00	415.0	\$ 207,500.00
Supply & Placement of Cover Soil ⁽²⁾⁽³⁾				
Contractor Mobilization/Demobilization	Lump Sum	\$ 749,330.00	1	\$ 749,330.00
Final Cover Borrow Source Identification (Testing and Labor)	Lump Sum	\$ 15,000.00	1	\$ 15,000.00
Final Cover Soil Transportation & Placement	Cubic Yard	\$ 3.00	2,008,600	\$ 6,025,800
Subtotal				\$ 6,790,130.00
Supply & Application of Seed				
Seed Purchase	Acre	\$ 1,000.00	415.0	\$ 415,000.00
Seed Application	Acre	\$ 1,000.00	415.0	\$ 415,000.00
Subtotal				\$ 830,000.00
Earthwork for Stormwater Management				
Drainage Improvements	Acre	\$ 500.00	415.0	\$ 207,500.00
Subtotal				\$ 207,500.00
Other: (List)				
Project Mgmt. & CA/QC (Construction Oversight, QC/QA Testing during Installation, & CQA Report)	Acre	\$ 2,000.00	415.0	\$ 830,000.00
Construction Drawings	Lump Sum	\$ 30,000.00	1	\$ 30,000.00
Subtotal - Other				\$ 860,000.00
TOTAL				\$ 9,102,630

NOTES:

- 1 - Total cost estimates are reported in 2011 third-party dollars
- 2 - Final cover system comprised of 30" monolithic soil cover
- 3 - Intermediate layer placed as part of daily/intermediate cover
- 4 - Corrective actions are currently not occurring on-site.

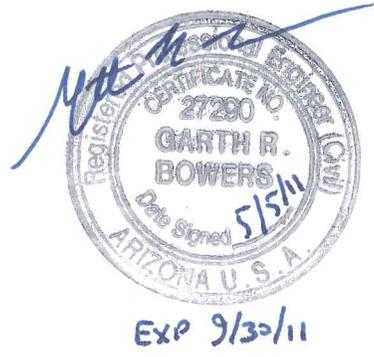


**TABLE 2
MRLF
POST-CLOSURE COST ESTIMATES SUMMARY**

LENGTH OF CLOSURE ACTIVITIES:		30 YEARS				
						30-YEAR TOTAL
MAINTENANCE COSTS						COST/YR
Security, fencing, gates, signs, access, etc.						\$ 2,000 \$ 60,000
Erosion repair, settlement repair, revegetation						\$ 200,000 \$ 6,000,000
Surface water control maintenance (run-on/run-off)						\$ 10,000 \$ 300,000
Monitoring system maintenance, repair, replacement						\$ 2,000 \$ 60,000
Leachate collection system, repair, replacement						\$ 2,000 \$ 60,000
Gas control system maintenance, repair, replacement						\$ - \$ -
Subtotal						\$ 6,480,000
MONITORING COSTS ⁽²⁾⁽³⁾		# OF	FREQ/	COST/	COST/	
		WELLS/PTS.	YR	SAMPLE	YEAR	
Surface Water						
3rd Party/Sample Collection ⁽³⁾		1	1	\$ 250	\$ 250	
Lab Analysis			1	\$ 150	\$ 150	
Subtotal						\$ 400 \$ 12,000
Ground Water						
3rd Party/Sample Collection ⁽³⁾		4	2	\$ 3,500	\$ 7,000	
Lab Analysis		1	2	\$ 2,500	\$ 5,000	
Subtotal						\$ 12,000 \$ 360,000
Landfill Gas						
3rd Party/Sample Collection ⁽¹⁾			4	\$ 500	\$ 2,000	
Subtotal						\$ 2,000 \$ 60,000
Total						\$ 6,912,000

NOTES:

- 1 - Based on calculations, pursuant to NSPS regulations, system not required at this time.
- 2 - Estimate reflects 3rd party/sample collection costs for surface water, ground water, facility inspection, and landfill gas monitoring conducted together, when appropriate.



MRLF
MODULE 1A CLOSURE/POST-CLOSURE CARE COST ESTIMATE

SIZE OF CLOSURE AREA: 19.3 ACRES

TOTAL CLOSURE COSTS	\$ 487,334.60
TOTAL POST-CLOSURE COSTS	\$ 2,082,000.00
TOTAL CORRECTIVE ACTION COSTS:	\$ -
TOTAL COST ESTIMATES:	\$ 2,569,335

NOTES:

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- 2 - Corrective actions are not occurring, nor anticipated, on-site.



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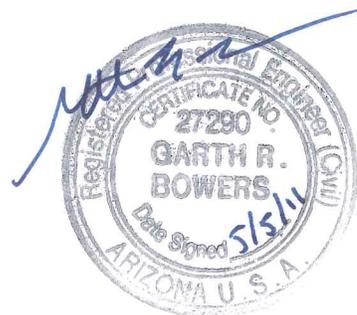
**TABLE 1
MRLF
MODULE 1A
FINAL CAPPING COST ESTIMATES SUMMARY**

SIZE OF CLOSURE AREA: 19.3 ACRES

CLOSURE COSTS	UNIT		QUANTITY	TOTAL
	MEASURE	COST ⁽¹⁾		
Grading of Waste/Surface Preparation	Acre	\$ 500.00	19.3	\$ 9,650.00
Surveying	Acre	\$ 500.00	19.3	\$ 9,650.00
Supply & Placement of Cover Soil ⁽²⁾⁽³⁾				
Contractor Mobilization/Demobilization	Lump Sum	\$ 40,748.60	1	\$ 40,748.60
Final Cover Borrow Source Identification (Testing and Labor)	Lump Sum	\$ 10,000.00	1	\$ 10,000.00
Final Cover Soil Transportation & Placement	Cubic Yard	\$ 3.00	93,412	\$ 280,236
Subtotal				\$ 330,984.60
Supply & Application of Seed				
Seed Purchase	Acre	\$ 2,000.00	19.3	\$ 38,600.00
Seed Application	Acre	\$ 2,000.00	19.3	\$ 38,600.00
Subtotal				\$ 77,200.00
Earthwork for Stormwater Management				
Drainage Improvements	Acre	\$ 500.00	41.5	\$ 20,750.00
Subtotal				\$ 20,750.00
Other: (List)				
Project Mgmt. & CA/QC (Construction Oversight, QC/QA Testing during Installation, & CQA Report)	Acre	\$ 2,000.00	19.3	\$ 38,600.00
			19.3	
Construction Drawings	Lump Sum	\$ 500.00	1	\$ 500.00
Subtotal - Other				\$ 39,100.00
TOTAL				\$ 487,335

NOTES:

- 1 - Total cost estimates are reported in 2011 third-party dollars
- 2 - Final cover system comprised of 30" monolithic soil cover
- 3 - Intermediate layer placed as part of daily/intermediate cover
- 4 - Corrective actions are currently not occurring on-site.



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**TABLE 2
MRLF
MODULE 1A
POST-CLOSURE COST ESTIMATES SUMMARY**

LENGTH OF CLOSURE 30 YEARS

**30-YEAR
TOTAL**

MAINTENANCE COSTS		COST/YR				
Security, fencing, gates, signs, access, etc.		\$ 2,000	\$ 60,000			
Erosion repair, settlement repair, revegetation		\$ 50,000	\$ 1,500,000			
Surface water control maintenance (run-on/run-off)		\$ 2,000	\$ 60,000			
Monitoring system maintenance, repair, replacement		\$ 500	\$ 15,000			
Leachate collection system, repair, replacement		\$ 500	\$ 15,000			
Gas control system maintenance, repair, replacement		\$ -	\$ -			
Subtotal			\$ 1,650,000			
MONITORING COSTS ⁽²⁾⁽³⁾		# OF WELLS/PTS	FREQ/ YR	COST/ SAMPLE	COST/ YEAR	
Surface Water						
3rd Party/Sample Collection ⁽³⁾		1	1	\$ 250	\$ 250	
Lab Analysis		2	1	\$ 75	\$ 150	
Subtotal					\$ 400	\$ 12,000
Ground Water						
3rd Party/Sample Collection ⁽³⁾		4	2	\$ 3,500	\$ 7,000	
Lab Analysis		1	2	\$ 2,500	\$ 5,000	
Subtotal					\$ 12,000	\$ 360,000
Landfill Gas						
3rd Party/Sample Collection ⁽¹⁾			4	\$ 500	\$ 2,000	
Subtotal					\$ 2,000	\$ 60,000
Total						\$ 2,082,000

NOTES:

- 1 - Based on calculations, pursuant to NSPS regulations, system not required at this time.
- 2 - Estimate reflects 3rd party/sample collection costs for surface water, ground water, facility inspection, and landfill gas monitoring conducted together, when appropriate.

