



**PART III
APPENDIX 2**

COST ESTIMATE FOR CLOSURE

PART III, APPENDIX 3, TABLE 1
CLOSURE COST ESTIMATE

Item Description	Quantity	Units	Units Cost	Total Cost
1.0 Engineering				
1.1 Survey Site and Determine Closure Requirements	8	HOUR	\$ 125	\$ 1,000
1.2 Prepare Plans and Specifications	12	HOUR	\$ 125	\$ 1,500
1.3 Bid Procurement	4	HOUR	\$ 125	\$ 500
1.4 Contract Award and Administration	2	HOUR	\$ 125	\$ 250
Subtotal				\$ 3,250
15% Contingency				\$ 488
Engineering Total				\$ 3,738
Item Description	Quantity	Units	Units Cost	Total Cost
2.0 Facility Closure				
2.1 Newspaper Notice	1	LUMP SUM	\$ 1,500	\$ 1,500
2.2 TCEQ Notification	1	LUMP SUM	\$ 100	\$ 100
2.3 Sign at Site Entrance	1	LUMP SUM	\$ 250	\$ 250
2.4 Packaging/Removal/Manifesting of Waste	24	HOUR	\$ 75	\$ 1,800
2.5 Transport and Treatment of Waste	50	TON	\$ 600	\$ 30,000
2.6 Disposal of Waste	50	TON	\$ 35	\$ 1,750
2.7 Dismantle Processors	24	HOUR	\$ 75	\$ 1,800
2.8 Equipment Rental	1	LUMP SUM	\$ 1,000	\$ 1,000
2.9 Wash Down and Disinfection of Facility	24	HOUR	\$ 75	\$ 1,800
2.10 Vector Control	1	LUMP SUM	\$ 150	\$ 150
2.11 Securing All Buildings and Access Gates	1	LUMP SUM	\$ 100	\$ 100
2.12 Closure Certification	1	LUMP SUM	\$ 2,300	\$ 2,300
Subtotal				\$ 42,550
15% Contingency				\$ 6,383
Facility Closure Total				\$ 48,933
Total Closure Cost				\$ 52,670

Notes:

1. Wash down and disinfection of facility (floors, walls, contaminated areas, processing areas) includes removal and disposal of all wash down waters/media.
2. Assumptions:
 - Maximum volume of waste on site is 50 tons;
 - On site waste will be transported to an authorized third-party facility for treatment of waste;
 - Cleanup of site and removal of waste will be complete; and
 - Cleanup team based on 3 individuals for 2 days.
3. Unit rates are based upon LNV's experience and knowledge of current industry unit rates.
4. Unit rates are based on the cost of hiring a third party that is not affiliated with the owner or operator.



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LNV, INC. (TBPE FIRM NO. F-366)

10/10/11