

EXHIBIT SIX
COMPLIANCE WITH
REGULATION OF GENERAL APPLICABILITY
CLOSED COLLINSVILLE LANDFILL
COLLINSVILLE, ILLINOIS

EXHIBIT 6-1

Description of Efforts Necessary to Comply with the Regulation of General Applicability

Collinsville Landfill Removal

RS Means Escallation (2012 vs 2014) Item	Amount	Unit	1.01829 Total Cost (2014)
Mobilization/Demobilization			
General Mobilization			\$254,573
On Site Personnel			
Field Engineer / Technician	104	weeks	\$423,609
Site Preparation			
Construction Layout	5	Day	\$10,183
Field Offices	24	Month	\$24,439
Dewatering of Landfill			
1200' foot interceptor trench	1670	CY	\$6,802
Transport/Treatment at POTW	150,000,000	gal	\$30,548,700
Excavation of Trash			
Excavation	1,500,000	CY	\$3,054,870
Hauling	1,500,000	CY	\$14,098,225
Disposal in Non-hazardous Landfill			
Disposal	1,500,000	CY	\$174,127,590
Restoration of Site			
	23	acres	\$58,552
Total Construction Costs			\$222,607,542
Non Construction Costs			
Engineering Design	1	LS	\$203,658
Permitting	1	LS	\$101,829
Environmental Monitoring	1	LS	\$101,829
GW Monitoring			
	2	years	\$101,829
Contingency			\$11,155,834
TOTAL			\$234,272,521

Collinsville Landfill - Interceptor Trench and Leachate Treatment

RS Means Escalation (2012 vs 2014)		1.018	
Item	Amount	Unit	Total Cost (2014)
Mobilization/Demobilization			
General Mobilization			\$25,450
On Site Personnel			
Field Engineer / Technician	52	weeks	
Total On Site Personnel		\$208,000	\$211,744
Site Preparation			
Construction Layout	5	Day	\$10,180
Field Offices and Utilities	12	Month	\$12,216
Temporary Access Road	1500	SY	\$12,216
Construction of Interceptor trench			
1200' foot interceptor trench	1670	CY	\$5,950
Meramac Pea Gravel trench (3000#/yd)	2505	Tons	\$81,603
Capital Improvements			
Connect Existing Extraction Wells to Equalization Tank	1	ea	\$101,800
Equalization Tank, Pumps and Piping	1	ea	\$52,936
Enlarge Treatment Facility	1	ea	\$76,350
Chemical Precipitation (rapid mix tank, flocculation tank, clarifier, sludge holding tank, filter press)	1	ea	\$637,268
Sand Filter (skid mounted, sand pressure vessels w/ media, pumps, piping)	1	ea	\$111,980
Granular Activated Carbon Treatment (skig mounted w/ piping and pumps, granulated carbon)	1	ea	\$127,250
Evaporator	1	ea	\$86,530
pH Adjustment Tank	1	ea	\$20,360
Effluent Collection Tank and Auto Sampler	1	ea	\$25,450
Total Capital Improvements			\$1,239,924
Installation / Construction (25% of Capital Improvement Costs)			\$309,981
Non Construction Costs			
Engineering Design	1	LS	\$203,600
Permitting	1	LS	\$101,800
Environmental Monitoring (initial year)	1	LS	\$101,800
O&M - Operator, Chemicals, Maintenance - 20 years @3% annual cost of living increase	15%	Percent	\$5,855,133
Long Term Environmental Monitoring - 20 years @3% annual cost of living increase			\$1,094,162
Contingency	30%	Percent	\$2,779,727
TOTAL			\$12,045,486

Closed Collinsville Landfill
Petition for Adjusted Standards

Collinsville Landfill Pump and Treat Leachate

RS Means Escallation (2012 vs 2014)	1.018		
Item	Amount	Unit	Total Cost (2014)
Mobilization/Demobilization			
General Mobilization			\$25,450
On Site Personnel			
Field Engineer / Technician	52	weeks	
Total On Site Personnel		\$211,744	\$211,744
Site Preparation			
Construction Layout	5	Day	\$10,180
Field Offices and Utilities	12	Month	\$12,216
Capital Improvements			
Connect Existing Extraction Wells to Equalization Tank	1	ea	\$101,800
Equalization Tank, Pumps and Piping	1	ea	\$52,936
Enlarge Treatment Facility	1	ea	\$76,350
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Total Capital Improvements			\$1,239,924
Installation / Construction (25% of Capital Improvement Costs)			\$309,981
Non Construction Costs			
Engineering Design	1	LS	\$203,600
Permitting	1	LS	\$101,800
Environmental Monitoring (initial year)	1	LS	\$101,800
O&M - Operator, Chemicals, Maintenance - 20 years	15%	Percent	\$5,855,133
@3% annual cost of living increase			
Long Term Environmental Monitoring - 20 years			\$1,094,162
@3% annual cost of living increase			
Contingency	30%	Percent	\$2,749,797
TOTAL			\$11,915,786

Closed Collinsville Landfill
Petition for Adjusted Standards