

Table 1
Cell 11 Materials Takeoff
Environmental Restoration Disposal Facility

Pay Item #	Description	Unit	Estimate Quantity	Unit Price	Total Price
1	UNIT PRICES AND LUMP SUM AMOUNTS FOR PAY ITEMS				
1.1	PAYMENT AND PERFORMANCE BONDS				
1.1.1	Payment and Performance Bonds	LS	1	\$ -	\$ -
1.2	MOBILIZATION ACTIVITIES				
1.2.1	Submittals	LS	1	\$ -	\$ -
1.2.2	Heavy/Mobile Equipment	LS	1	\$ -	\$ -
1.2.3	Fill Stand/Pug Mill	LS	1	\$ -	\$ -
1.2.4	Infrastructure Mobilization	LS	1	\$ -	\$ -
1.2.5	Measurement for Payment Surveying	LS	1	\$ -	\$ -
1.2.6	Other Activities	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.3	EXCAVATION ACTIVITIES				
1.3.1	Total Soil Excavation	CY	2,063,070	\$ -	\$ -
1.3.1A	Soil Excavation From Cell to Embankments	CY	68,467	\$ -	\$ -
1.3.1B	Soil Excavation From Cell to Stockpiles	CY	1,994,603	\$ -	\$ -
1.3.2	Expose Existing Liner System Tie-In	LS	1	\$ -	\$ -
1.3.3	Anchor Trench	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.4	LYSIMETER				
1.4.1	Lysimeter Materials & Delivery	LS	1	\$ -	\$ -
1.4.2	Lysimeter Riser and Sump Pipe Installation	LS	1	\$ -	\$ -
1.4.3	Lysimeter Gravel Installation	LS	1	\$ -	\$ -
1.4.4	Lysimeter Geotextile Installation	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.5	BENTONITE/SOIL ADMIXTURE LAYER				
1.5.1	Admix Test Fill	LS	1	\$ -	\$ -
1.5.2	Bentonite Material & Delivery	LS	1	\$ -	\$ -
1.5.3	Admix Manufacture	LS	1	\$ -	\$ -
1.5.4	Admix Placement	CY	81,117	\$ -	\$ -
				Subtotal	\$ -
1.6	SECONDARY HDPE GEOMEMBRANE LINER				
1.6.1	Secondary GM Materials & Delivery	SQFT	730,100	\$ -	\$ -
1.6.2	Secondary GM Installation	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.7	SECONDARY LEACHATE COLLECTION SYSTEM				
1.7.1A	Secondary Geotextile Type A Materials & Delivery	SQFT	0	\$ -	\$ -
1.7.1B	Secondary Geotextile Type B Materials & Delivery	SQFT	7,135	\$ -	\$ -
1.7.2	Secondary Geotextile Installation	LS	1	\$ -	\$ -
1.7.3	Secondary Geocomposite Materials & Delivery	SQFT	730,100	\$ -	\$ -
1.7.4	Secondary Geocomposite Installation	LS	1	\$ -	\$ -
1.7.5	Secondary Drainage Gravel Materials & Delivery	CY	264	\$ -	\$ -
1.7.6	Secondary Drainage Gravel Installation	LS	1	\$ -	\$ -
1.7.7	Secondary Riser Pipe Materials & Delivery	LS	1	\$ -	\$ -
1.7.8	Secondary Riser Pipe Installation	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.8	PRIMARY HDPE GEOMEMBRANCE LINER				
1.8.1	Primary GM Materials & Delivery	SQFT	730,100	\$ -	\$ -
1.8.2	Primary GM Installation	LS	1	\$ -	\$ -
				Subtotal	\$ -

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1.9	PRIMARY LEACHATE COLLECTION SYSTEM				
1.9.1A	Primary Geotextile Type A Materials & Delivery	SQFT	471,800	\$ -	\$ -
1.9.1B	Primary Geotextile Type B Materials & Delivery	SQFT	471,800	\$ -	\$ -
1.9.2	Primary Geotextile Installation	LS	1	\$ -	\$ -
1.9.3	Primary Geocomposite Materials & Delivery	LS	1	\$ -	\$ -
1.9.4	Primary Geocomposite Installation	SQFT	258,250	\$ -	\$ -
1.9.5	Primary Drainage Gravel Materials & Delivery	LS	1	\$ -	\$ -
1.9.6	Primary Drainage Gravel Installation	CY	17,738	\$ -	\$ -
1.9.7	Primary Riser Pipe Materials & Delivery	LS	1	\$ -	\$ -
1.9.8	Primary Riser Pipe Installation	LS	1	\$ -	\$ -
1.9.9	Primary Collection Pipe Materials & Delivery	LS	1	\$ -	\$ -
1.9.10	Primary Collection Pipe Installation	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.10	OPERATIONS LAYER				
1.10.1	Operations Layer Installation	CY	81,117	\$ -	\$ -
1.10.2	Operations Fence	LF	1,500	\$ -	\$ -
				Subtotal	\$ -
1.11	LEACHATE TRANSMISSION SYSTEM				
1.11.1	Crest Pad Building	LS	1	\$ -	\$ -
1.11.2	Crest Pad Building Electrical	LS	1	\$ -	\$ -
1.11.3	Crest Pad Building Mechanical	LS	1	\$ -	\$ -
1.11.4	Leachate Transmission Pipeline	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.12	LEACHATE INSTRUMENTATION AND CONTROL SYSTEM (LICS)				
1.12.1	Cell 11 LICS	LS	1	\$ -	\$ -
1.12.2	Leachate Monitoring System Upgrade	LS	1	\$ -	\$ -
1.12.3	Replace Cells 1-10 Crest Pad and Pump House PLCs	Each	11	\$ -	\$ -
1.12.4	Leachate Pump House Flow Meter	LS	1	\$ -	\$ -
1.12.5	ERDF Operations Office Master PLC & LMS Workstation	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.13	SITE WORK				
1.13.1	Grading	LS	1	\$ -	\$ -
1.13.2	Revegetation	LS	1	\$ -	\$ -
1.13.3	Extend Raw Water Pipeline	LS	1	\$ -	\$ -
1.13.4	Water Fill Station	LS	1	\$ -	\$ -
1.13.5	Cell 11 Water Supply	LS	1	\$ -	\$ -
				Subtotal	\$ -
1.14	CONSTRUCTION QUALITY CONTROL				
1.14.1	Construction Quality Control	Cell	1	\$ -	\$ -
1.15	DEMobilIZATION				
1.15.1	Demobilization Activities	LS	1	\$ -	\$ -
TOTAL FOR PAY ITEMS 1.1 THROUGH 1.15.1					\$ -