

Specification Aggregates Quarry Amendment
Exhibit L (Rule 6.4.12) – Reclamation Costs

Attached is a detailed estimate of reclamation costs to achieve the final reclamation plan for the amended permit as described in Exhibit E. This cost estimate includes plant removal, stockpile removal, cleanup, slope grading, finish grading, revegetation and oversight of the reclamation work.

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number	Task Description	Labor Cost	Equipment Cost	Material Cost	Laboratory Cost	Subcontractor Cost	Item Total
1	Engineering and Surveying	\$ 50,400.00	\$ -	\$ -	\$ -	\$ 28,800.00	\$ 79,200.00
2	Removal of Stockpiles	\$ 38,400.00	\$ 38,746.00	\$ 3,575.00	\$ -	\$ 121,600.00	\$ 202,321.00
3	Plant Removal	\$ 64,000.00	\$ 37,792.00	\$ 3,520.00	\$ -	\$ 99,740.00	\$ 205,052.00
4	Site Cleanup	\$ 160,000.00	\$ 111,773.00	\$ 6,600.00	\$ -	\$ 66,960.00	\$ 345,333.00
5	Fill Placement	\$ 208,000.00	\$ 366,560.00	\$ 24,750.00	\$ -	\$ 1,272,500.00	\$ 1,871,810.00
6	Slope Grading	\$ 208,000.00	\$ 362,640.00	\$ 24,750.00	\$ -	\$ -	\$ 595,390.00
7	Finish Grading	\$ 86,400.00	\$ 118,570.00	\$ 4,400.00	\$ -	\$ -	\$ 209,370.00
8	Soil Amendment	\$ 21,600.00	\$ 50,800.00	\$ 115,797.00	\$ -	\$ -	\$ 188,197.00
9	Revegetation	\$ 38,400.00	\$ 6,800.00	\$ 11,440.00	\$ -	\$ 162,000.00	\$ 218,640.00
10	Reclamation Monitoring	\$ -	\$ -	\$ -	\$ -	\$ 48,000.00	\$ 48,000.00
11	Miscellaneous 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS		\$ 875,200.00	\$ 1,093,681.00	\$ 194,832.00	\$ -	\$ 1,799,600.00	\$ 3,963,313.00

Regulatory Oversight \$ 198,165.65
 Total Reclamation Costs \$ 4,161,478.65

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number:	1	Task Description: Engineering and Surveying
---------------------	---	--

Labor

Labor Category	Individual	Rate (Regular)	Rate (O.T.)	Hours (Regular)	Hours (O.T.)	Total
Supervisor	TBD	\$ 105.00		480		\$ 50,400.00
						\$ -
						\$ -
						\$ -
TOTAL LABOR COST						\$ 50,400.00

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportation and Delivery	Total
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
TOTAL EQUIPMENT COST						\$ -

Materials

[illegible]

Laboratory Services

[illegible]

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
Engineering Design	TBD	\$ 150.00	Hour	80	\$ 12,000.00
Surveying	TBD	\$ 105.00	hour	160	\$ 16,800.00
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ 28,800.00

TOTAL COST FOR	Engineering and Surveying	\$ 79,200.00
-----------------------	----------------------------------	---------------------

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number:	2	Task Description:	Removal of Stockpiles
---------------------	---	--------------------------	-----------------------

Labor

[illegible]

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportation and Delivery	Total
Volvo 250H Loader	PECO	\$ 13,900.00	Month	2	\$ 946.00	\$ 28,746.00
Service Truck	TBD	\$ 850.00	Week	8		\$ 6,800.00
Pickup	TBD	\$ 400.00	Week	8		\$ 3,200.00
						\$ -
						\$ -
TOTAL EQUIPMENT COST						\$ 38,746.00

Materials

Description	Supplier	Unit Cost	Units	Quantity	Sales Tax (Enter as a decimal)	Shipping and Handling	Total
Diesel Fuel		\$ 2.75	Gallon	1300			\$ 3,575.00
							\$ -
							\$ -
TOTAL MATERIAL COST							\$ 3,575.00

Laboratory Services

Test	Laboratory	Unit Cost	No. of Tests	Subtotal	Turnaround Time	% Premium Expedited TAT (Enter as a decimal)	Total
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
TOTAL LABORATORY SERVICES COST							\$ -

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
Trucking - Aggregate		\$ 95.00	Hour	1280	\$ 121,600.00
					\$ -
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ 121,600.00

TOTAL COST FOR	Removal of Stockpiles	\$ 202,321.00
-----------------------	------------------------------	----------------------

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number: 10

Task Description: Plant Removal

Labor

Labor Category	Individual	Rate (Regular)	Rate (O.T.)	Hours (Regular)	Hours (O.T.)	Total
Laborer		\$ 45.00		160		\$ 7,200.00
Laborer		\$ 45.00		160		\$ 7,200.00
Laborer		\$ 45.00		160		\$ 7,200.00
Laborer		\$ 45.00		160		\$ 7,200.00
Laborer		\$ 45.00		160		\$ 7,200.00
Operator - Loader		\$ 55.00		160		\$ 8,800.00
Operator - Excavator		\$ 55.00		160		\$ 8,800.00
Foreman		\$ 65.00		160		\$ 10,400.00
TOTAL LABOR COST						\$ 64,000.00

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportion and Delivery	Total
329 Excavator with Breaker	Wagner Cat	\$ 17,330.00	Month	1	946	\$ 18,276.00
966 Wheel Loader	Wagner Cat	\$ 13,570.00	Month	1	946	\$ 14,516.00
Service Truck		\$ 850.00	Week	4		\$ 3,400.00
Pickup		\$ 400.00	Week	4		\$ 1,600.00
						\$ -
						\$ -
TOTAL EQUIPMENT COST						\$ 37,792.00

Materials

Description	Supplier	Unit Cost	Units	Quantity	Sales Tax (Enter as a decimal)	Shipping and Handling	Total
Diesel Fuel		\$ 2.75	Gallon	1280			\$ 3,520.00
							\$ -
							\$ -
							\$ -
TOTAL MATERIAL COST							\$ 3,520.00

Laboratory Services

Test	Laboratory	Unit Cost	No. of Tests	Subtotal	Turnaround Time	% Premium Expedited TAT (Enter as a decimal)	Total
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
TOTAL LABORATORY SERVICES COST							\$ -

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
Crane - 190 Ton	SOCO	\$ 380.00	Hours	160	\$ 60,800.00
Crane Mob/Demob	SOCO	\$ 380.00	Hours	16	\$ 6,080.00
Debris Disposal		\$ 35.00	Ton	500	\$ 17,500.00
Trucking		\$ 96.00	Hours	160	\$ 15,360.00
TOTAL SUBCONTRACTOR COST					\$ 99,740.00

TOTAL COST FOR Plant Removal \$ 205,052.00

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number:	4	Task Description:	Fill Placement	1,157,000	Cubic Yards
---------------------	---	--------------------------	----------------	-----------	-------------

Labor

[illegible]

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportation and Delivery	Total
D9 Dozer	Wagner	\$ 31,720.00	Month	4	\$ -	\$ 126,880.00
966 Loader	Wagner	\$ 13,570.00	Month	4		\$ 54,280.00
Service Truck		\$ 850.00	Month	4		\$ 3,400.00
Pickup		\$ 400.00	Month	4		\$ 1,600.00
Water Truck - 5,000 gallon	Wagner	\$ 8,100.00	Month	4	\$ -	\$ 32,400.00
Volvo A45G Haul Truck x 2	PECO	\$ 18,500.00	Month	8		\$ 148,000.00
TOTAL EQUIPMENT COST						\$ 366,560.00

Materials

Description	Supplier	Unit Cost	Units	Quantity	Sales Tax (Enter as a decimal)	Shipping and Handling	Total
Diesel Fuel		\$ 2.75	Gallon	9000			\$ 24,750.00
							\$ -
							\$ -
							\$ -
TOTAL MATERIAL COST							\$ 24,750.00

Laboratory Services

[illegible]

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
Blasting	Buckley Powder	\$ 0.50	Tons	2,545,000	\$ 1,272,500.00
					\$ -
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ 1,272,500.00

TOTAL COST FOR	Fill Placement	\$ 1,871,810.00
-----------------------	-----------------------	------------------------

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number:	5	Task Description:	Slope Grading	59 Acres
---------------------	---	--------------------------	---------------	----------

Labor

[illegible]

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportion and Delivery	Total
D9 Dozer	Wagner	\$ 31,720.00	Month	4		\$ 126,880.00
966 Loader	Wagner	\$ 13,570.00	Month	4		\$ 54,280.00
Service Truck		\$ 850.00	Week	16		\$ 13,600.00
Pickup		\$ 400.00	Week	16		\$ 6,400.00
Water Truck - 8,000 gallon	Wagner	\$ 2,890.00	Month	4		\$ 11,560.00
Volvo A45G Haul Truck x 2	PECO	\$ 18,500.00	Month	8	\$ 1,920.00	\$ 149,920.00
TOTAL EQUIPMENT COST						\$ 362,640.00

Materials

[illegible]

Laboratory Services

[illegible]

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
					\$ -
					\$ -
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ -

TOTAL COST FOR	Slope Grading	\$ 595,390.00
-----------------------	----------------------	----------------------

Assumes 64.5 acres is graded with dozer
Assumes dozer on average pushed 1.0 foot of material
Blasted Yards pushed 104,000 yards

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number: 6 **Task Description:** Finish Grading 70 Acres

Labor

Labor Category	Individual	Rate (Regular)	Rate (O.T.)	Hours (Regular)	Hours (O.T.)	Total
Operator - Grader		\$ 55.00		320		\$ 17,600.00
Teamster - Water Truck		\$ 50.00		320		\$ 16,000.00
Teamster- Haul Truck X 2		\$ 50.00		640		\$ 32,000.00
Foreman		\$ 65.00		320		\$ 20,800.00
TOTAL LABOR COST						\$ 86,400.00

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportation and Delivery	Total
Grader - Cat 140		\$ 10,810.00	Month	2	\$ 3,860.00	\$ 25,480.00
Water Truck - 5,000 gallon	Wagner	\$ 8,100.00	Month	2	\$ 2,890.00	\$ 19,090.00
Volvo A45G Haul Truck x 2	PECO	\$ 18,500.00	Month	4		\$ 74,000.00
TOTAL EQUIPMENT COST						\$ 118,570.00

Materials

Description	Supplier	Unit Cost	Units	Quantity	Sales Tax (Enter as a decimal)	Shipping and Handling	Total
Diesel Fuel		\$ 2.75	Gallon	1600			\$ 4,400.00
							\$ -
							\$ -
							\$ -
TOTAL MATERIAL COST							\$ 4,400.00

Laboratory Services

Test	Laboratory	Unit Cost	No. of Tests	Subtotal	Turnaround Time	% Premium Expedited TAT (Enter as a decimal)	Total
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
TOTAL LABORATORY SERVICES COST							\$ -

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
					\$ -
					\$ -
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ -

TOTAL COST FOR Finish Grading **\$ 209,370.00**

*assumes 15 benches 1600 long at 1:1 slope for final reclamation
 2.2 tons /yd conversion
 material needed to fill slopes = 544,000 yards or 1,200,000 tons (material to be blasted)
 top slope material 100,000 yards

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number:	7	Task Description:	Soil Amendment	70 Acres
---------------------	---	--------------------------	----------------	----------

Labor

[illegible]

Equipment

[illegible]

Materials

Description	Supplier	Unit Cost	Units	Quantity	Sales Tax (Enter as a decimal)	Shipping and Handling	Total
Soil Amendment		\$ 55.00	Ton	1,900		\$ 10,472.00	\$ 114,972.00
Diesel Fuel		\$ 2.75	Gallon	300			\$ 825.00
							\$ -
							\$ -
TOTAL MATERIAL COST							\$ 115,797.00

Laboratory Services

[illegible]

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
					\$ -
					\$ -
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ -

TOTAL COST FOR	Soil Amendment	\$ 188,197.00
-----------------------	-----------------------	----------------------

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number: 8 **Task Description:** Revegetation 130 Acres

Labor

Labor Category	Individual	Rate (Regular)	Rate (O.T.)	Hours (Regular)	Hours (O.T.)	Total
Operator - Seeder		\$ 55.00		320		\$ 17,600.00
						\$ -
Foreman		\$ 65.00		320		\$ 20,800.00
						\$ -
TOTAL LABOR COST						\$ 38,400.00

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportion and Delivery	Total
Tractor with Seeder		\$ 1,575.00	Week	4	\$ 500.00	\$ 6,800.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
TOTAL EQUIPMENT COST						\$ 6,800.00

Materials

Description	Supplier	Unit Cost	Units	Quantity	Sales Tax (Enter as a decimal)	Shipping and Handling	Total
Seed - 16 pounds/acre	Great Basin Seed (plant area)	\$ 4.75	Pound	2040		\$ 50.00	\$ 9,740.00
Diesel Fuel		\$ 2.75	Gallon	600			\$ 1,650.00
						\$ 50.00	\$ 50.00
							\$ -
TOTAL MATERIAL COST							\$ 11,440.00

Laboratory Services

Test	Laboratory	Unit Cost	No. of Tests	Subtotal	Turnaround Time	% Premium Expedited TAT (Enter as a decimal)	Total
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
TOTAL LABORATORY SERVICES COST							\$ -

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
Hydroseed Slopes		\$ 2,700.00	Acre	60	\$ 162,000.00
					\$ -
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ 162,000.00

TOTAL COST FOR Revegetation **\$ 218,640.00**

* Assumes 64.5 acres with 6 inches of cover
Yards to place = 55,000

Qaurry area 63.0 acres

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number: 9

Task Description: Reclamation Monitoring

Labor

Labor Category	Individual	Rate (Regular)	Rate (O.T.)	Hours (Regular)	Hours (O.T.)	Total
						\$ -
						\$ -
						\$ -
						\$ -
TOTAL LABOR COST						\$ -

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportion and Delivery	Total
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
TOTAL EQUIPMENT COST						\$ -

Materials

Description	Supplier	Unit Cost	Units	Quantity	Sales Tax (Enter as a decimal)	Shipping and Handling	Total
							\$ -
							\$ -
							\$ -
							\$ -
TOTAL MATERIAL COST							\$ -

Laboratory Services

Test	Laboratory	Unit Cost	No. of Tests	Subtotal	Turnaround Time	% Premium Expedited TAT (Enter as a decimal)	Total
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
TOTAL LABORATORY SERVICES COST							\$ -

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
Engineer		\$ 150.00	Hours	320	\$ 48,000.00
					\$ -
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ 48,000.00

TOTAL COST FOR Reclamation Monitoring \$ 48,000.00

Project Name: Spec Agg Reclamation
Project Location: Jefferson County, Colorado
Estimate Date: March 3, 2022

Task Number: 11

Task Description: Miscellaneous 2

Labor

Labor Category	Individual	Rate (Regular)	Rate (O.T.)	Hours (Regular)	Hours (O.T.)	Total
						\$ -
						\$ -
						\$ -
						\$ -
TOTAL LABOR COST						\$ -

Equipment

Equipment Type	Supplier	Unit Rate	Units	Quantity	Transportion and Delivery	Total
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
TOTAL EQUIPMENT COST						\$ -

Materials

Description	Supplier	Unit Cost	Units	Quantity	Sales Tax (Enter as a decimal)	Shipping and Handling	Total
							\$ -
							\$ -
							\$ -
							\$ -
TOTAL MATERIAL COST							\$ -

Laboratory Services

Test	Laboratory	Unit Cost	No. of Tests	Subtotal	Turnaround Time	% Premium Expedited TAT (Enter as a decimal)	Total
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
TOTAL LABORATORY SERVICES COST							\$ -

Subcontractors

Service	Supplier	Unit Cost	Units	Quantity	Total
					\$ -
					\$ -
					\$ -
					\$ -
TOTAL SUBCONTRACTOR COST					\$ -

TOTAL COST FOR Miscellaneous 2 \$ -