



SEP 28 2022

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September 26, 2022

Arizona State Mine Inspector Agency
Reclamation Department
1700 W. Washington St., Suite 403
Phoenix, Arizona 85007-2805

Attention: Ms. Amanda Lothner, Reclamation Specialists
Reference: Aggregate Mined Land Reclamation Plan
FNF Thornton 40 Material Source, near Casa Grande, AZ
Plan Approval Date June 15, 2008
Subject: Mine Plan Substantial Change Amendment - Revised

Dear Ms. Lothner,

FNF Construction, Inc. (FNF) is in receipt of your correspondence dated September 7, 2022 stating that our Mine Plan Substantial Change Amendment is Technically Incomplete. FNF will make the changes as requested.

FNF has obtained reclamation costs from a third-party and A revised reclamation cost estimate (Table 2) is attached.

We hope this documentation demonstrates that our Reclamation Plan is now Technically Complete and meets with your approval and the requirements of the current rules. If you have any questions please contact me at 480-929-6733.

Sincerely,
FNF CONSTRUCTION, INC.

Tressia Contreras
Tressia Contreras
Environmental Manager

enclosure

Pc: Thornton Material Source

Ltr-1890

FNF Construction, Inc.
Thornton 40

Table 2

Revised Reclamation Cost Estimation - 9-26-22

STATE MINE INSPECTOR

SEP 28 2022

Thornton 40 Material Source (40-Acre Site Near Casa Grande, Arizona, Pinal County)

Quarry is approximately 20 Acres, site will be excavated to 60' deep with a 30' bench.

Processing and stockpile area (10 acres) will only need minor grading and leveling.

There are approximately 2 acres of roads on site that will have to be reclaimed, ripping and scarifying.

There are no concrete pads or infrastructure located on the site, removal of permanent structures will not be needed.

Security berms and fencing will be left in place. Additional security fencing will be installed around the excavated 60' deep pit

There is no power or water infrastructure to be removed from the site.

Unit Costs and units provided by Rumco - Rummel Construction, Inc.

Proposed Reclamation Cost Estimation Summary - WorkSheet

Reclamation Item	Units	Description	Suggested Cost	Number of Units	Reclamation Cost
Pit Walls					
	Cu. Yd.	Re-Grading and Topsoiling Costs	\$ 0.44	-	\$ -
	Acre	Revegetation Cost (Disc)	\$ 607	-	\$ -
	Acre	Revegetation Cost (Hydro-seed)	\$ 1,175	-	\$ -
	Each	Containerized Trees and Shrubs	\$ 10	-	\$ -
Processing and Stockpile Area					
	Acre	Re-Grading and leveling	\$ 1,475.00	10	\$ 14,750
	Acre	Revegetation Cost (Disc)	\$ 607	-	\$ -
	Acre	Revegetation Cost (Hydro-seed)	\$ 1,175	-	\$ -
	Each	Containerized Trees and Shrubs	\$ 10	-	\$ -
Roads (Access)					
(Roads with Side Slope < 30%)	Linear Ft.	Re-Grading and Topsoiling Costs	\$ 1.70	-	\$ -
(Roads with Side Slope >30%)	Linear Ft.	Re-Grading and Topsoiling Costs	\$ 2.60	-	\$ -
	Acre	Regrading - Ripping - Scarifying	\$ 1,475	5	\$ 7,400
	Acre	Revegetation Cost (Hydro-seed)	\$ 1,175	-	\$ -
Structures					
(Break-up and bury Slab)	Sq. Ft.	Demolition & Removal - Metal Building	\$ 3.40	-	\$ -
(Break-up and bury Slab)	Sq. Ft.	Demolition & Removal - Masonry Block Building	\$ 3.50	-	\$ -
(Break-up and bury Slab)	Sq. Ft.	Demolition & Removal - Concrete Building	\$ 15.86	-	\$ -
Portable asphalt/crusher plants	Linear Mile	Powerline Removal (Single Pole Utility)	\$ 10,000	-	\$ -
	each	Removal	\$ 5,000	1	\$ 5,000
	Linear Ft.	Demolition - Chain Link Fencing	\$ 3.47	-	\$ -
	Linear Ft.	Demolition - Barb Wire Fencing (3 strand)	\$ 1.94	-	\$ -
	Linear Ft.	Removal - 15" Culvert	\$ 10.29	-	\$ -
	Linear Ft.	Removal - 36" Culvert	\$ 17.15	-	\$ -
(Break-up and remove)	Sq. Ft.	Demolition - Concrete Pads/Roads 12" Thickness	6.78	-	\$ -
Construction					
	Linear Ft.	Construction - Barb Wire Fencing (3 strand)	\$ 5.00	2,500	\$ 12,500
	Sq. Yard	Install Rip Rap Erosion Lining	\$ 24.00	200	\$ 4,800
Material Haulage for Backfill					
Miscellaneous Leveling	Cu. Yard	Truck and Loader - 2000Ft. One Way	\$ 1.03	-	\$ -
	Cu. Yard	Dozer and Scraper - 1000Ft. One Way	\$ 0.72	-	\$ -
Care and Maintenance					
	Ton	Trash Disposal - Repair Erosion 3 years	\$ 105.00	21	\$ 2,200
	Annual	Site Monitor and Reporting - 3 years	\$ 750	3	\$ 2,300

Estimated Reclamation Operating and Material (O&M) Cost Sub-Total = \$ 49,000

Administrative Costs					
	% of O&M Cost	Contingency	10%	-	\$ 4,900
	% of O&M Cost	General Mobilization / De-Mobilization	10%	-	\$ 4,900
	% of O&M Cost	Indirect costs	6%	-	\$ 2,900
	% of O&M Cost	Contractor Profit	14%	-	\$ 6,900
	% of O&M Cost	Contract Administration	16%	-	\$ 7,800

Total Estimated Financial Assurance Amount = \$ 76,400