

AUG 03 2023



Himes Consulting LLC

July 27, 2023
Reference No. 22-08

Arizona State Mine Inspector
Amanda Lothner, Reclamation Specialist
1700 W. Washington, Suite 403
Phoenix, AZ 85007-2805

Re: Reclamation Plan for Tri County Materials, Inc. Dos Condados Material Source

Dear Ms. Lothner:

Enclosed please find two copies of the revised pages of the Reclamation and Closure Plan for Tri County Materials, Inc. Dos Condados Material Source in response to your May 23 Technical Comments,

Section 3.1 was updated to indicate that the excavator will be removed from the site prior to closure. The cost estimate was also updated.

Cost estimate methodology follows the Reclamation Plan sample provided on the State Mine Inspector's website using contractor quotes. As each site is different, contractor quotes are much more accurate than using RS Means to price a small quantity of specific tasks. The production rates can be significant for a relatively small job and this will affect the unit prices since the contractor is responsible for the means & methods to perform the work. These are actual quotes to complete the work taking into account fluctuating gas prices and several other local economic factors.

Please feel free to contact me in regards to any questions.

Sincerely,

A handwritten signature in blue ink that reads "Jill A. Himes". The signature is written in a cursive, flowing style.

HIMES CONSULTING, LLC
Jill A. Himes

Cc: Peter Vlassis, Tri County Materials, Inc.

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3.0 RECLAMATION

3.1 EQUIPMENT AND STRUCTURE REMOVAL

There is no equipment proposed to occur at this site other than an excavator. The excavator is kept at the off-site processing area about 50 percent of the time, due to vandalism. The excavator will be driven to the off-site processing site prior to closure. The haul trucks are kept off-site. There are no buildings or structures proposed to be located on the site.

3.2 ROADS, POWER LINES, WATERLINES AND FENCES

Dos Condados Road will be retained for use but re-routed over time, as shown in Figure 4. There are no powerlines that occur within the site. There are no waterlines within the site. Portions of the site are currently fenced; however, as no hazardous conditions will remain at the end of reclamation, additional fencing is not proposed per landowner request.

3.3 AREA PREPARATION

Post-mining, the site interior will be re-graded and scarified to promote natural revegetation, as shown in Figure 5.

3.4 SLOPE STABILIZATION

Mining incorporates 3:1 (horizontal:vertical) slopes or flatter to result in stability for the area. No additional physical stabilization will be necessary after mining.

3.5 SOIL CONSERVATION

Natural revegetation on previously disturbed areas in the vicinity has been previously successful. Natural revegetation of the disturbed areas is therefore reasonably expected to be successful without soil amendments. Due to the hilly terrain, very little topsoil occurs.

3.6 REVEGETATION

To promote natural revegetation, scarification will be conducted within the disturbed areas to support the open space land use of the site. Since these areas are not proposed to support grazing, fish or wildlife habitat, forestry or recreation post-mining land uses, proposed measures to encourage fish and wildlife habitat are not required to be described further in accordance with A.R.S. §27-1271 (B)(9d).

DOS CONDADOS MATERIALSOURCE
Reclamation Construction Estimate

7/27/2023

Dos Condados Material Source - portions of Section 25, T 7 S, R 26 E, G&SRM, Graham County, Arizona
Excavation areas will be graded and scarified.

As there are no concrete pads or infrastructure at the site, no removals will be needed.

Unit Price estimates are provided by Total Maintenance Erosion Control, LLC (DBE Contractor)

Proposed Reclamation Cost Estimation Summary - WorkSheet

| Reclamation Item | Units | Description | Suggested Cost | Number of Units | Reclamation Cost | Reference |
|--------------------------------------|-------------|---|----------------|-----------------|------------------|---------------|
| Processing and Stockpile Area | | | | | | |
| | Acre | Re-Grading & Leveling | \$ 750.00 | 51.1 | \$ 38,325 | TMEC Quote |
| | Acre | Revegetation Cost (Disc) | \$ 700 | 51.1 | \$ 35,800 | TMEC Quote |
| | Acre | Revegetation Cost (Hydro-seed) | \$ 1,500 | 0.0 | \$ - | |
| | Each | Containerized Trees and Shrubs | \$ 10 | 0.0 | \$ - | |
| Roads (Access) | | | | | | |
| (Roads with Side Slope < 30%) | Linear Ft. | Re-Grading and Topsoiling Costs | \$ 1.70 | 0.0 | \$ - | |
| (Roads with Side Slope >30%) | Linear Ft. | Re-Grading and Topsoiling Costs | \$ 2.60 | | \$ - | |
| | Acre | Regrading - Ripping | \$ 607 | 0.0 | \$ - | |
| | 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 | | \$ - | |
| | Linear Mile | Powerline Removal (Single Pole Utility) | \$ 10,000 | | \$ - | |
| | each | Transformer Removal | \$ 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 | | \$ - | |
| | Each | Drive Excavator to Offsite Processing Area | 500 | 1.0 | \$ 500 | P.E. Estimate |
| Construction | | | | | | |
| | Linear Ft. | Construction - Fencing | \$ 8.00 | | \$ - | |
| | Sq. Yard | Install Berm | \$ 45.00 | 0.0 | \$ - | |
| Material Haulage for Backfill | | | | | | |
| | Cu. Yard | Truck and Loader - 2000Ft. One Way | \$ 1.03 | | \$ - | |
| | Cu. Yard | Dozer and Scraper - 1000Ft. One Way | \$ 0.72 | | \$ - | |
| Care and Maintenance | | | | | | |
| | Each | Processing Area Cleanup | \$ 5,000.00 | 0.0 | \$ - | |
| | Annual | Site Monitor and Reporting | \$ 1,500 | 1.0 | \$ 1,500 | P.E. Estimate |

Estimated Reclamation Operating and Material \$ **76,100**

| Administrative Costs | | | | | | |
|-----------------------------|---------------|--|-----|--|----------|--|
| | % of O&M Cost | Contingency | 10% | | \$ 7,610 | |
| | % of O&M Cost | General Mobilization / De-Mobilization | 4% | | \$ 3,044 | |
| | % of O&M Cost | Indirect costs | 2% | | \$ 1,522 | |
| | % of O&M Cost | Contractor Profit | 10% | | \$ 7,610 | |
| | % of O&M Cost | Contract Administration | 10% | | \$ 7,610 | |

Total Estimated Financial Assurance \$ **103,496**

PREPARED BY: Greg Gentsch, P.E.