PIONEER

STATE MINE INSPECTOR

SEP 03 2020

3 September 2020

Mr. Joe Hart
Actor
Reclamation Division
1700 West Washington
Suite 403
Phoenix, Arizona 85007

Subject: Response to ASMI Technically Incomplete Correspondence for the Reclamation Plan – Pioneer Smokestack Quarry
Mayer, Arizona

Dear Mr. Hart:

Pioneer Landscaping Materials Inc.(Pioneer) and Haley & Aldrich, Inc. (Haley & Aldrich) have reviewed the comments from the Arizona State Mine Inspector (ASMI) correspondence dated 7 August 2020 regarding the technically incomplete notification for the Reclamation Plan for Pioneer's Smokestack Quarry in Mayer, Arizona (Site; Attachment A). The following presents Pioneer's response to ASMI's request for missing information.

The following universal changes were made to the revised Reclamation Plan:

- The site is now referred to as the Smokestack Quarry and NOT the Big Bug Operation. These changes have been updated throughout the narrative, figures, tables, and appendices. A revised version of the entire Reclamation Plan is provided as Attachment B.

- Pioneer Landscape Center has been updated to Pioneer Landscaping Materials, Inc. These changes have been updated throughout the narrative, figures, tables, and appendices. A revised version of the entire Reclamation Plan is provided as Attachment B.

ASMI Comment No. 1:

Section 2.10 – Estimated Reclamation Costs [§27-1271(B.11); R11-3-502] – The plan states that all structures and equipment used on the site will be temporary and portable and will be removed when mining is completed. Costs for third-party removal of the plant equipment is provided in the Plan. However, third-party costs to remove and transport the structures off site (office trailer and storage container) should also be provided.

Pioneer Response to Comment:

Text in Section 2.10 has been revised to remove the office trailer from the list of structures on the Site. There is no office located at this Site. The third-party cost estimate that was provided included the removal of the storage container. The cost is listed under the CONEX cost estimate in Appendix B of the revised Plan (Attachment B).

STATE MINE INSPECTOR

SEP 03 2020

ASMI Comment No.2:

Figures [§27-1271(B.8); R11-3-501(A.I.i)] – Please identify/show the location of the onsite well and the existing and planned locations of earthen berms and fences on the site figures.

Pioneer Response to Comment:

Figures 2, 3, and 4 have been updated to reflect the comments. Please find the new revised figures in Attachment B.

Please feel free to contact the undersigned if you have any questions or require additional information.

Sincerely,

Dave Sawyers
Vice President of Quarries and Manufacturing
Pioneer Landscaping Materials, Inc.

Enclosures:
Attachment A: ASMI Technically Incomplete Letter – Dated 7 August 2020
Attachment B: Revised Reclamation Plan for the Smokestack Quarry

STATE MINE INSPECTOR
SEP 03 2020

ATTACHMENT A

ASMI Technically Incomplete Letter – Dated 7 August 2020

Exhibit A-1
(Exploration Area)

The Exploration Area consists of that part of the following described patented lode mining claims located in the Chino Valley Mining District in Sections 22 and 23 in Township 20 North, Range 6 West, Gila and Salt River Base and Meridian, Yavapai County, Arizona.

Patented Claim Name	Mineral Survey No.	Patent No.
Iron Chancelor	2282	860762
Camp Bird	2282	860762
Hermatite	2282	860762
Fairview	2282	860762
Federal No. 1	2282	860762
Federal No. 2	2282	860762
Lone Jack	2282	860762
Lone Jack No. 2	2282	860762
Ben Franklin	2282	860762
Ben Franklin No. 2	2282	860762
Machias	2282	860762
Iron Horse	2282	860762
Monitor	2282	860762

Patent No. 860762 as recorded in Book 82 Deeds, Pages 588-600, Official Records of the Recorder of Yavapai County, Arizona.

Arizona State Mine Inspector
JOE HART
1700 W. Washington Suite 403
Phoenix, Arizona 85007-2805
(602) 542-5971
Fax (602) 542-5335

STATE MINE INSPECTOR
SEP 03 2020

August 7, 2020

Dave Sawyers
Vice President of Quarries and Manufacturing
Pioneer Landscape Centers
630 Plaza Drive, Suite 150
Highlands Ranch, Colorado 80129

Re: Technically Incomplete Reclamation Plan for Pioneer Landscape Centers – Mayer Big Bug Operation

Dear Mr. Sawyers,

On June 17, 2020, the State Mine Inspector Agency received the Pioneer Landscape Centers Reclamation Plan for the Mayer Big Bug Operation and the proposed Plan was found to be administratively complete. This plan was forwarded to a contracted consultant for review. The site is located at 10519 South Big Bug Trail in Mayer, Yavapai County, Arizona (APN 500-16-003L), and within the east half of the northeast quarter of Section 26, Township 12 North, Range 1 East, Gila and Salt River Base and Meridian, Yavapai County, Arizona.

On August 7, 2020, this office received the following information from our consultant reviewing your plan. In accordance with A.R.S. §§ 27-1272, 27-1273, this letter is to notify you the plans have been found ***Technically Incomplete***.

The following items need to be addressed:

Section 2.10 – Estimated Reclamation Costs *[§27-1271(B.11); R11-3-502]*

The Plan states that all structures and equipment used on the site will be temporary and portable and will be removed when mining is completed. Costs for third-party removal of the plant equipment is provided in the Plan. However, third-party costs to remove and transport the structures off site (office trailer and storage container) should also be provided.

Figures *[§27-1271(B.8); R11-3-501(A.1.i)]*

Please identify/show the location of the onsite well and the existing and planned locations of earthen berms and fences on the site figures.

Please supply the additional information within 90 days. If you have any questions concerning this determination, please contact Amanda Lothner at (602) 542-5971.

Sincerely,

Joe Hart
Arizona State Mine Inspector

1700 W. Washington Suite 403
Phoenix, Arizona 85007-2805
(602) 542-5971
Fax (602) 542-5335

ATTACHMENT B

Revised Reclamation Plan for the Smokestack Quarry

HALEY ALDRICH

www.haleyaldrich.com

RECLAMATION PLAN
MAYER SMOKESTACK QUARRY
10519 SOUTH BIG BUG TRAIL
MAYER, ARIZONA

REGISTERED GEOLOGIST
CERTIFICATE NO. 50990
RICHARD A. BROWN
DATE SIGNED 9/3/20
ARIZONA U.S.A.
Expires 6/30/2022

by Haley & Aldrich, Inc.
Phoenix, Arizona

For Pioneer Landscaping Materials Inc.
Mayer, Arizona

File No. 133173-002
September 2020

Table of Contents

REGISTERED GEOLOGIST
CERTIFICATE NO. 50990
RICHARD A. BROWN
DATE SIGNED 9/3/20
ARIZONA U.S.A.
Expires 6/30/2022

		Page
List of Tables		**ii**
List of Figures		**ii**
List of Appendices		**ii**
1.	**Introduction**	**1**
2.	**Reclamation Plan Narrative**	**2**
2.1	OWNERSHIP/OPERATOR INFORMATION	2
2.1.1	Owner/Operator Name and Address	2
2.1.2	Contact Person Name and Address	2
2.1.3	Responsible Party	2
2.1.4	Certificate of Disclosure	3
2.1.5	Description of Current Operation	3
2.1.6	Current Permits, Licenses, and Approvals	3
2.2	DESCRIPTION OF FUTURE DISTURBANCE	3
2.3	RECLAMATION MEASURES TO ACHIEVE POST-MINING LAND USE	4
2.4	POST-AGGREGATE MINING RE-GRADING AND EROSION CONTROL	4
2.4.1	Description of Final Topography	4
2.4.2	Erosion Control Plan	4
2.4.3	Surrounding Area Land Use	5
2.5	POST-AGGREGATE MINING PLAN FOR STRUCTURES AND EQUIPMENT	5
2.5.1	Structures to be Removed	5
2.5.2	Access Restriction/Public Safety	5
2.6	POST-AGGREGATE MINING ROAD RECLAMATION	5
2.7	SOIL CONSERVATION AND REVEGETATION	5
2.7.1	Topsoil Conservation Plan	5
2.8	CONCEPTUAL SCHEDULE FOR DISTURBANCE AND RECLAMATION.	6
2.9	PROBABLE FUTURE CONDITIONS	6
2.10	ESTIMATED RECLAMATION COSTS	6
2.10.1	Mining Area Re-grading and Scarifying	7
2.10.2	Plant Area Re-grading and Scarifying	7
2.10.3	Structure Demolition Cost	7
2.10.4	Road Reclamation	7
2.10.5	Care and Maintenance Cost	7
2.10.6	Construction Cost	8
2.10.7	Plant Removal Cost	8
2.10.8	Cost Adjustment	8
2.10.9	Administrative Cost	8
2.10.10	Total Reclamation Cost	9
3.	**Fees**	**10**
4.	**Financial Assurance**	**11**

HALEY ALDRICH

List of Tables

Table No.	Title
I	Estimated Reclamation Cost Summary

List of Figures

Figure No.	Title
1	Site Location Map
2	Existing Site Conditions
3	Post Aggregate Mining Contours
4	Post Mining Land Use

List of Appendices

Appendix	Title
A	Reclamation Cost Estimate
B	Plant Equipment Removal Third-Party Quotes

1. Introduction

This Reclamation Plan (Plan) was written for Pioneer Landscaping Materials, Inc (Pioneer) Smokestack Quarry (Site), owned by Jana Real Estate Investments LLC and operated by Pioneer, located in Mayer, Yavapai County, Arizona. State law requires a reclamation plan for all aggregate mining operations that are located on private land, create disturbance areas larger than 5 acres, and have continued operations after 1 April 1997 (Aggregate Mined Land Reclamation Act, Arizona Revised Statute [A.R.S.] 27-1202 et. seq.). Plans for existing operations were required to be submitted to the Arizona State Mine Inspector (ASMI) before 1 January 2007. After 1 January 2007, all new aggregate mining operations located on private land must have an approved reclamation plan before exceeding a cumulative disturbance area of 5 acres.

The Site is located at 10519 South Big Bug Trail in Mayer, Arizona (Yavapai County Parcel 500-16-003L) and is located in the eastern half of the northeast quarter of Section 26, Township 12 North, Range 1 East of the Gila and Salt River Base and Meridian, Yavapai County, Arizona. The Site is approximately 25 acres and currently has an existing surface disturbance of less than 5 acres.

Pioneer intends to increase the disturbance above 5 acres; this Plan was written to describe and summarize the overall reclamation approach to reclaim the Site during production using concurrent reclamation techniques, followed by final closure and reclamation at the end of mine life, in accordance with Arizona statutes and regulations.

2. Reclamation Plan Narrative

2.1 OWNERSHIP/OPERATOR INFORMATION

According to the records of the Yavapai County Tax Assessor, the Site is owned by Jana Real Estate Investments LLC. Pioneer leases the property and plans on conducting mining and processing on Yavapai County Assessor's Parcel Number 500-16-003L as shown on Figure 1. Owner and operator information are provided below.

2.1.1 Owner/Operator Name and Address

Owner: Jana Real Estate Investments LLC,
3491 East Lynx Place
Chandler Az 85249

Operator: Pioneer Landscaping Materials, Inc.
630 Plaza Drive, Suite 150
Highlands Ranch, Colorado 80129

2.1.2 Contact Person Name and Address

Operator's contact person (for regulatory contact):

Dave Sawyers
Vice President of Quarries and Manufacturing
Pioneer Landscaping Materials, Inc.
630 Plaza Drive, Suite 150
Highlands Ranch, Colorado 80129
Phone: (602) 989-2585
Dave.sawyers@pioneerco.com

2.1.3 Responsible Party

Pioneer is the responsible party for the reclamation described in this Reclamation Plan. Pioneer assumes responsibility for the reclamation of surface disturbances that are attributable to the aggregate mining unit consistent with A.R.S. Article 27, Chapter 6 and the rules adopted pursuant to this chapter.

Signature

9/3/2020
Date

Dave Sawyers
Name

Vice President – Quarries and Manufacturing
Title

2.1.4 Certificate of Disclosure

The certificate of disclosure required by A.R.S. 27-1205 was prepared by Pioneer and will be submitted separately.

2.1.5 Description of Current Operation

The property is located in the eastern half of the northeast quarter of Section 26, Township 12 North, Range 1 East of the Gila and Salt River Base and Meridian, Yavapai County, Arizona. The Site is approximately 25 acres and has an existing surface disturbance currently less than 5 acres (Figure 1). The Site is bounded to the north by undeveloped Bureau of Land Management (BLM) land, to the east by Arizona State Land Department (ASLD) Trust Land, and to the south and west by subdivided privately owned agricultural and residential properties. State Highway 69 is located to the west of the Site approximately 950 feet from the western property line. High voltage electric transmission lines are located on the ASLD parcel to the east approximately 650 feet from the eastern property line of the Site.

Figure 2 shows existing Site conditions, including the adjacent residential/agricultural areas to the west and south and largely undeveloped BLM and ASLD areas to the north and east. There are some previous minor excavations on the Site which preceded Pioneer's ownership of the property. There are no known sensitive species habitats within the Site boundary that would potentially be disturbed by Site operations. Current access to the parcel is provided by unpaved access roads entering from Big Bug Trail bordering the west side of the parcel.

2.1.6 Current Permits, Licenses, and Approvals

Operations will comply with applicable air, storm water, and hazardous/regulated materials management regulations. The Site currently has/will obtain the following permits/plans:

- Arizona Pollutant Discharge Elimination System Multi-Sector General Permit; and
- Yavapai County Air Quality Department Non-Title V Air Quality Permit.

These other permits/plans indirectly regulate operations at the Site, but do not have the authority to control or limit the depth or extent of mining.

2.2 DESCRIPTION OF FUTURE DISTURBANCE

The mining plan is designed to excavate to post-mining reclamation slopes as the pit is advanced to the final depth and dimensions (Figure 3). The proposed mining and reclamation slopes are 3 horizontal to 1 vertical (3H:1V). The Site will consist of an open pit mining area (Mining Area), that will be excavated using conventional excavation and loading equipment, and an aggregate processing area (Plant Area) with a track-mounted portable screening plant and portable storage and office trailers. No maintenance shops or other processing equipment are expected to be onsite. No concrete batch or hot mix asphalt plants are expected to be onsite. Aggregate screening will be the only processing operation conducted on the Site.

Utilities on the Site include:

- Water provided by an on-site well that is powered by an on-site generator;
- Power supplied by portable generators;
- Sanitary needs provided by on-site portable toilets, serviced by a licensed contractor; and
- Solid waste disposal provided by a licensed solid waste contractor in the area.

All future aggregate mining, processing and stockpiling, and reclamation activities on the Site are planned to occur in the Mining and Plant areas as shown on Figure 3.

- Total disturbances are estimated at approximately 19 acres; approximately 16 acres for the Mining Area and approximately 3 acres for the Plant Area.
- Pit walls will be concurrently mined to a reclamation slope of 3H:1V.
- The Site will maintain unpaved haul roads within the Mining Area and leading to and within the Plant Area.
- The setbacks from the property lines to the excavation edge will be 50 feet on all sides of the property.
- The maximum final depth of mining will be approximately 75 feet below land surface.
- Site mining operations are not anticipated to exceed 40 years.

2.3 RECLAMATION MEASURES TO ACHIEVE POST-MINING LAND USE

The entire Mining Area and Plant Area encompass approximately 19 acres. The post-aggregate mining land use at the Site has been designated as naturalized open space. All mining excavations will be mined to the final reclamation slope angle of 3H:1V, thereby creating a concurrent reclaimed slope throughout the mine life.

All portable Mining and Plant area equipment will be demobilized upon cessation of mining and completion of reclamation activities. Scarification of compacted surfaces and unpaved roads will be required after the cessation of mining activities. The on-site well will be left onsite for post-mining land use purposes. Existing property fencing will remain in place post-reclamation.

2.4 POST-AGGREGATE MINING RE-GRADING AND EROSION CONTROL

2.4.1 Description of Final Topography

The Mining and Plant areas will have excavation slopes of 3H:1V. The berms around the pit perimeter will remain in place post-reclamation to provide access restriction from the west as well as a visibility barrier from Big Bug Trail.

2.4.2 Erosion Control Plan

Storm water drainage controls have been established as part of a Storm Water Pollution Prevention Plan (SWPPP) for the Site. The Site will be non-discharging and specific erosion control measures include:

- Storm water will be routed into the active mining pit from the Plant Area and low-lying areas;
- An earthen berm will be maintained around the perimeter of the pit; and
- The SWPPP will be followed in addition to Site-specific best management practices.

2.4.3 Surrounding Area Land Use

The Site is located in a mixed-use area in Yavapai County and is zoned as R1L-35. Surrounding land uses generally consist of:

- Agricultural and residential land to the south and west;
- Undeveloped BLM lands to the north; and
- Undeveloped ASLD lands to the east.

The planned post-aggregate mining land use as naturalized open space is consistent with the Yavapai County zoning for the area.

2.5 POST-AGGREGATE MINING PLAN FOR STRUCTURES AND EQUIPMENT

2.5.1 Structures to be Removed

All structures associated with current aggregate processing are mobile and will only be on Site during mining and processing activities. All aggregate excavation, hauling, and processing equipment will be removed from the Site at the cessation of mining activities. The existing on-site water well will remain on the Site.

2.5.2 Access Restriction/Public Safety

An earthen berm will be maintained around the perimeter of the Mining Area. Perimeter warning signs and lockable gates will be installed and maintained during mining to identify potential hazards, to prevent unauthorized access, and to enhance public safety.

2.6 POST-AGGREGATE MINING ROAD RECLAMATION

All mine roads will be reclaimed by ripping and scarifying compacted surfaces and unpaved roads within the Mining and Plant areas. This reclamation of compacted road surfaces will eliminate the concentrated and erosive flow patterns associated with typical road runoff. The uneven and loosened surfaces created by re-contouring, scarifying, and ripping will facilitate infiltration and generate relatively non-erosive sheet flow under heavy precipitation events.

2.7 SOIL CONSERVATION AND REVEGETATION

2.7.1 Topsoil Conservation Plan

The Site will be concurrently mined to the reclamation slopes as the pit advances. Limited topsoil and mined overburden will be removed and placed on the slopes or berms when available. Any remaining material stockpiles will be hauled to another facility for processing or spread out around the Site for grading to allow for surface water drainage into the pit area. The Site is planned for natural revegetation.

2.8 CONCEPTUAL SCHEDULE FOR DISTURBANCE AND RECLAMATION.

The conceptual schedule includes:

- Disturbance operations are ongoing.
- Excavation and concurrent reclamation are anticipated to continue through approximately 2060.
- Excavation activities may experience extended periods of care and maintenance due to the limited market demand for aggregates.
- Reclamation activities will be concurrent with excavation activities as conditions allow.
- If concurrent reclamation is not feasible, areas will be reclaimed after excavation activities are completed. Final post-aggregate excavation reclamation activities will begin within 12 months of the cessation of mining activities and are anticipated to be completed within 12 months.
- Reclamation will be deemed complete once the reclaimed surfaces have been regraded to match surrounding conditions, and the ASMI verifies that the owner or operator has fulfilled the requirements of the approved reclamation plan.

2.9 PROBABLE FUTURE CONDITIONS

The profitable operation of a mine is based on a variety of factors including the amount and quality of geologic resources available for extraction, site-specific hydrogeologic conditions, permitting constraints, economic factors affecting the cost of extraction and processing, and market conditions which influence the supply and demand for these materials or finished products containing these materials. Changes to any of these factors can have significant impacts to mine profitability and can thus require operators to modify mining, processing, or operational methods or expand or temporarily cease (care and maintenance) operations.

Further, the means and methods described in this Plan to operate a mining facility and implement reclamation are based on the application of currently-available technologies and practices. These technologies and practices are constantly evolving, and the operations described in this Plan may be modified if the currently-specified means and methods become outdated, obsolete, cost ineffective, or impracticable.

Consequently, factors affecting profitable operation or means and methods are likely to change due to unanticipated or unknown future conditions. Therefore, the operator of the facility described in this Plan reserves the right to adapt their operations or plans to these changing, unanticipated, or unknown future conditions to the extent that these operational changes do not cause substantial non-compliance with existing permits or authorizations.

2.10 ESTIMATED RECLAMATION COSTS

The unit costs developed for this Reclamation Plan are based primarily on the cost estimating database RS Means Facilities Construction Cost Data (2017) along with estimated productivity for material movement based primarily on the Caterpillar Handbook (Edition 31). Administrative costs were based on Arizona Rock Products Association recommendations.

The estimated costs developed for this Plan include:

- Mining Area and Plant Area re-grading and scarifying;

- Plant Area equipment removal;
- Road scarifying;
- Care and maintenance;
- General construction; and
- Administrative costs.

A summary of the estimated reclamation costs is listed in Table I at the end of this section. The sources and calculation of the estimated reclamation costs are provided in Appendix A.

2.10.1 Mining Area Re-grading and Scarifying

The Mining Area will be concurrently mined to the reclamation slope of 3H:1V. Consequently, no re-grading of pit walls will be necessary to achieve the final reclamation slopes. The pit floor will be ripped and scarified to assist with infiltration of stormwater that will report to the pit at the Site. This area is estimated to be 1.5 acres.

The cost for scarifying and ripping the Mining Area is estimated to be $400.

2.10.2 Plant Area Re-grading and Scarifying

The Plant Area will be concurrently mined to the reclamation slope of 3H:1V. Consequently, no re-grading of slopes in the Plant Area will be necessary to achieve the final reclamation slopes. The Plant Area floor will be ripped and scarified to assist with natural vegetation in the area and to assist with infiltration of stormwater. This area is estimated to be 1 acre.

The cost of scarifying and re-grading the Plant Area is estimated to be $300.

2.10.3 Structure Demolition Cost

All structures will be portable and will not remain onsite after cessation of mining. The on-site well will remain after mining and not be abandoned.

There is no estimated cost associated for this category.

2.10.4 Road Reclamation

All mine roads will be reclaimed by ripping and scarifying compacted surfaces and unpaved roads within the Mining and Plant areas. For cost estimation purposes, 2,000 feet of roads will be ripped and scarified.

The cost of ripping and scarifying roads in the Mining and Plant areas is estimated to be $600.

2.10.5 Care and Maintenance Cost

Care and maintenance for the reclamation effort at this operation consist of:

- A single annual inspection of the Site;
- Preparation of the required annual report describing Site conditions; and

- Trash removal.

One annual inspection is anticipated to be needed before the Site is released. The cost of care and maintenance of the Site is estimated to be $12,000.

2.10.6 Construction Cost

Chain-link fence will be installed along the western property line. This will limit the public access to the mine site from the existing Big Bug Trail. Installation of signage to prohibit entrance into the property for use as a recreational area by the public.

The cost of construction is estimated to be $18,800.

2.10.7 Plant Removal Cost

The estimated reclamation costs detailed in this section include the dismantling, loading onto transport, and removal of the following equipment:

- One portable screening plant;
- One portable hydraulic excavator;
- One portable loader; and
- The portable Conex trailers used for the office and storage.

Appendix B presents third-party quotes that were obtained to remove this equipment from the Site by Empire Transport.

The cost of plant removal is estimated at $4,100.

2.10.8 Cost Adjustment

A price index factor was included to adjust from 2017 pricing to estimated 2020 pricing on operating and material costs. The index factor supplied is the Consumer Price Index (CPI) for the period 2017 through 2020.

- CPI = 0.04

The cost adjustment is estimated at $2,000.

2.10.9 Administrative Cost

The administrative costs provide the necessary components to generate a third-party estimate. The estimated administrative costs include:

- Contingency;
- Mobilization/demobilization;
- Indirect costs;
- Contractor profit; and
- Contract administrative costs.

The total estimated administrative cost is estimated to be $15,000.

2.10.10 Total Reclamation Cost

The total estimated reclamation cost for this reclamation plan is estimated to be $53,200.

Table I. Estimated Reclamation Cost Summary

Section	Reclamation Item	Cost
2.10.1	Mining Area Re-grading and Scarifying	$400
2.10.2	Plant Area Re-grading and Scarifying	$300
2.10.3	Structure Demolition Cost	$0
2.10.4	Road Reclamation	$600
2.10.5	Care and Maintenance Cost	$12,000
2.10.6	Construction Cost	$18,800
2.10.7	Plant Removal Cost	$4,100
2.10.8	Cost Adjustment	$2,000
2.10.9	Administrative Cost	$15,000
	Total Reclamation Cost	**$53,200**

3. Fees

The fee for a new Aggregate Mined Land Reclamation Plan is $3,800. A check covering this fee is submitted with this Plan.

4. Financial Assurance

Corporate self-insurance will be the Financial Assurance Mechanism used to cover the estimated reclamation costs. The corporate information required to satisfy the financial test requirements of Arizona Administrative Code R11-3-809.C will be submitted within 60 days under separate correspondence.

FIGURES

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\134762\003 - Mayer Site\GIS\FIGURE 1 - SITE LOCATION MAP.mxd — USER: rabrown — LAST SAVED: 9/3/2020 9:08:37 AM

LEGEND

YAVAPAI COUNTY PARCELS

PROPERTY BOUNDARY

NOTES

1. ALL BOUNDARIES ARE APPROXIMATE
2. PROPERTY IS APPROXIMATELY 25 ACRES.
3. PARCEL DATA IS SOURCED FROM YAVAPAI COUNTY ASSESSOR OFFICE GIS DATA.
4. PARCEL IS LOCATED IN T12N, R1E, SECTION 26

N

0 175 350
SCALE IN FEET

HALEY ALDRICH

PIONEER LANDSCAPING MATERIALS, INC.
SMOKESTACK QUARRY
MAYER, ARIZONA

SITE LOCATION MAP

SEPTEMBER 2020

FIGURE 1

APPENDIX A

Reclamation Cost Estimate

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		1 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Estimated Cost Summary (1 of 2)

Reclamation Item	Description and Units	Est. Cost	Number of Units	Cost	References/Notes
Mining Area Re-Grading and Scarifying					
	Surface scarifying (square foot)	$ 0.01	61,800	$ 400	Section 2.10.1
(No Mulch or Fertilizer)	Revegetation Cost - Broadcast (Acre)	$ 377	-	$ -	
	Revegetation Cost - Hydro-seed (Acre)	$ 1,476	-	$ -	
	Containerized Trees (Each)	$ 10	-	$ -	
			Pit Walls Sub-Total =	**$ 400**	
Plant Area Re-Grading and Scarifying					
	Surface scarifying (square foot)	$ 0.01	46,000	$ 300	Section 2.10.2
(No Mulch or Fertilizer)	Revegetation Cost - Broadcast (Acre)	$ 377	-	$ -	
	Revegetation Cost - Hydro-seed (Acre)	$ 1,476	-	$ -	
	Containerized Trees (Each)	$ 10	-	$ -	
			Stockpiles, OB, or Fines Areas Sub-Total =	**$ 300**	
Roads					
(Side Slope < 30%)	Rip/Scarify (Linear Ft.)	$ 0.28	2000	$ 600	Section 2.10.4
(Side Slope > 30%)	Re-Grading and Topsoiling (Linear Ft.)		-	$ -	
(No Mulch or Fertilizer)	Revegetation Cost - Broadcast (Acre)	$ 377	-	$ -	
	Revegetation Cost - Hydro-seed (Acre)	$ 1,476	-	$ -	
			Roads Sub-Total =	**$ 600**	
Structures					
(Break-up and bury Slab)	Demolition & Removal - Metal Building(Sq. Ft.)	$ 3.81		$ -	Section 2.10.3
(Break-up and bury Slab)	Demolition & Removal - Secondary Containment(Sq. Ft.):	$ 8.52	-	$ -	
(Break-up and bury Slab)	Demolition & Removal - Concrete Building(Sq. Ft.)	$ 15.86			
	Powerline Removal - Single Pole Utility (Linear Mile)	$ 12,560		$ -	
	Transformer Removal (Each)	$ 6,280		$ -	
	Demolition - Chain Link Fencing (Linear Ft)	$ 4.36		$ -	
	Demolition - Barb Wire Fencing (Linear Ft)	$ 1.94	-	$ -	
	Removal - 15" Culvert (linear Ft)	$ 10.29	-	$ -	
	Well Removal (linear Ft.)	$ 33.55		$ -	
(Break-up and bury Slab)	Demolition - Concrete Roads and Pads (Sq. Ft.)	$ 8.52	-	$ -	
			Structures Sub-Total=	**$ -**	
Care and Maintenance/Closeout					
	Site Care and Monitoring (Annual)	$ 10,000	1	$ 10,000	Section 2.10.5
	Trash Removal (Ton)	$ 75	25	$ 2,000	
			Care and Maintenance Sub-Total =	**$ 12,000**	
Construction					
	Construction - Chain Link Fencing (Linear Ft.)	$ 9.21	2,000	$ 18,000	Section 2.10.6
	Install Rip Rap Erosion Lining (Sq. Yd)	$ 77.00	-	$ -	
	Install access restriction signs	$ 83.40	10	$ 800	
			Construction Sub-Total =	**$ 18,800**	
			Est. Reclamation Operating and Material (O&M) Cost Sub-Total =	**$ 32,100**	

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		2 of 12
Project			Subject			
Pioneer Landscaping Materials, Inc. - Smokestack Quarry			Estimated Cost Summary (2 of 2)			

Reclamation Item	Description and Units	Est. Cost	Number of Units	Cost	References/Notes
	Est. Reclamation Operating and Material (O&M) Cost Sub-Total (from page 1) =			**$ 32,100**	
Material Haulage for Backfill					
	Truck and Loader - 2000Ft. One Way (Cu. Yd)	$ 1.96	-	$ -	
	Dozer and Scraper - 1000Ft. One Way (Cu Yd)	$ 1.37	-	$ -	
		Material Haulage Sub-Total =		$ -	
Plant Removal					
(Processing Equipt)	Removal - Plants	$ 4,121.41	1	$ 4,100	Section 2.10.7
(Beltline)	Removal - Conveyor	$ 5,000.00		$ -	
		Plant Removal Sub-Total =		$ 4,100	
	Est. Reclamation Operating and Material (O&M) Cost Sub-Total =			**$ 36,200**	
Cost Adjustment					
Template based on 2017 costs	Consumer Price Index Increase		0.046	$ 2,000	Section 2.10.8
		Cost Adjustment =		$ 2,000	
	Est. Reclamation Operating and Material (O&M) Cost Total =			**$ 38,200**	
Administrative Costs					Section 2.10.9
% of O&M Cost	Contingency	10%		$ 4,000	ARPA and H&A Recommendation
% of O&M Cost	General Mobilization/De-Mobilization	4%		$ 2,000	ARPA and H&A Recommendation
% of O&M Cost	Indirect costs	2%		$ 1,000	ARPA and H&A Recommendation
% of O&M Cost	Contractor Profit	10%		$ 4,000	ARPA and H&A Recommendation
% of O&M Cost	Contract Administration	10%		$ 4,000	ARPA and H&A Recommendation
		Administrative Costs =		$ 15,000	
	Total Estimated Reclamation Cost Amount =			**$ 53,200**	

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		3 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Unit Cost Basis

References/Notes

The unit cost basis for the estimate is based on two key databases

- RS Means - Facilities Construction Cost Data -2017, and
- Caterpillar Performance Handbook, Edition 31.

Equipment rental rates and operator labor rates are based on the RS-MEANS CREWS data, as referenced for each piece of equipment. The unit rates can be adjusted by the city cost index for specific locations, however, no adjustment was made since the Phoenix Area rates are close to the national average.

CREWS DATA

Earthmoving Equipment, cost $/hr

List	Labor (1)*	Equipment (2)*	Total	RS Means : Facilities Construction Cost Data
980G Loader	$54	$135	$189 $/hr	crew B-10U
775D Haul Truck	$44	$369	$413 $/hr	crew B-34J
Water Truck	$46	$60	$106 $/hr	crew B-59
D10 Dozer	$54	$234	$288 $/hr	crew B-10M
325 Excavator	$56	$300	$356 $/hr	crew B12-D
16H Motor Grader	$54	$85	$139 $/hr	crew B-11L
631E Scraper	$54	$304	$358 $/hr	crew B-33D
80 ton Crane	$56	$281	$337 $/hr	crew A-3L
120 ton Crane	$56	$305	$361 $/hr	crew A-3M

LABOR DATA

Mechanical labor	$51	$0	$51 $/hr	crew A-1A
Laborer	$39	$0	$39 $/hr	crew A-1

MISC COST DATA

Demolition/Removal Metal Building and foundation	$ 3.81	$/Sq. Ft.	RACER (ver. 8.1.2)
Demo/Removal Block Building and foundation	$ 7.61	$/Sq. Ft.	RACER (ver. 8.1.2)
Demolition/Removal - Concrete Pads/roads 12"	$ 8.52	$/Sq. Ft.	RACER (ver. 8.1.2)
Demolition/Removal Chainlink Fencing	$ 4.36	$/Sq. Ft.	RACER (ver. 8.1.2)
Removal of Single Pole Powerline	$ 12,560	$/Mile	Haley and Aldrich Data
Removal of electrical Transformers	$ 6,280	Each	Haley and Aldrich Data
Construction of chain link fence	$ 11.57	$/ft	RACER (ver. 8.1.2)
Installation of access restriction/public safety signs	$ 83.40	$/sign	RACER (ver. 8.1.2)
Trash Removal	$ 75	Ton	Allied Waste Quote
Transport and Unloading, Heavy	$ 1,570	$/load	Haley and Aldrich Data
Transport and Unloading, Light	$ 1,068	$/load	Haley and Aldrich Data
Broadcast seeding			
w/ Straw mulch, fertilizer, desert scrub seed mixture	$ 762	$/acre	Haley and Aldrich Data
w/o mulch and fertilizer	$ 377	$/acre	Haley and Aldrich Data
HydroSeed			
w/ mulch and desert scrub type seed mixture	$ 1,476	$/acre	Haley and Aldrich Data

(1) Labor includes operating and maintenance labor
(2) Equipment costs include operating, maintenance, rental costs
* Labor and Equipment Costs are rounded to the nearest dollar

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		4 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Dozing Cost

D10 Re-grading from 1.5H:1V slope to 3H:1V slope

				References/Notes
	D10 Dozing Productivity			
	Optimum Production (CY/Hr)	950		(1) pg 1-43 (200 Foot Push)
Push Factors	Operator experience	0.875		(1) pg 1-45
	Type of material	0.8		(1) pg 1-45
	Grade of Push	1.6		(1) pg 1-45
	Weight Correction	0.71		(1) pg 1-41 Material Weight = 1.62 T/CY
Work Factor	50 minutes/hour	0.83		(1) pg 1-45
	Average Production (CY/Hr)	629		
	Average Daily Production (CY)	5,036		(8 hour work day)
	D10 Dozer Cost			
	Dozer Rental (Monthly)	$ 20,500		(2) Line # 015433204360
	Ownership Cost (Daily)		$ 932	(22 working days/month)
	Dozer Operating Cost (Hourly)	$ 125		(2) Line # 015433204360
	Operating Cost(Daily)		$ 1,000	(8 hour work day)
	Dozer Labor Cost (Hourly)	$ 54		(2) crew B-10M
	Labor Cost (Daily)		$ 432	(8 hour work day)
			$ 2,364	
	Cost per CY		$ 0.47	

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		5 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Scarifying Cost

					References/Notes
	Scarifying - Motor Grader				
	16H Grader Productivity				
	Ripper beam (ft)		9.75		(1) pg 3-13, 17.8 inch max depth
	Max first gear with std tires (mph)		2.4		(1) pg 3-12
	Feet per mile		5,280		
	Half Speed in ft/hr		6,336		assumes 2 passes are
	Double pass factor		0.5		adequate for road scarifying
	Effective speed in ft/hr		3,168		
	Optimum area/hour (Sq.Ft./Hr)		30,888		
Work Factor	50 minute hour		0.83		(1) pg 3-15
	Average area/hour (ft2/hr)		25,637		
	Average area Daily (Sq. Ft.)		205,096		(8 hour work day)
	Grader Cost (40,000 lb)				
	Grader Rental (Monthly)	$	11,000		(2) Line # 015433201920
	Ownership Cost (Daily)			$ 500	(22 working days/month)
	Grader Operating Cost (Hourly)	$	64		(2) Line # 015433201920
	Operating Cost(Daily)			$ 512	(8 hour work day)
		$	54		(2) crew B-11L
	Labor Cost (Daily)			$ 432	(8 hour work day)
	Grader Total Cost (Daily)			$ 1,444	
	Cost per Sq. Ft.			$ 0.0070	
	Cost per Linear Ft of Road			$ 0.28	(40 Foot wide road)

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		6 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Excavator Costing

					References/Notes
	325 Excavator Productivity				
Factors	Heaped bucket capacity (CY)		1.5		(1) pg 5-117 Bucket size selected for the
	Optimum Cycles/Hr		180		(1) pg 5-1555 325 Excavator = 1.5 CY
	Bucket Fill factor		1.0		(1) pg 5-126
	50 minutes/hr		0.83		Material Weight = 1.62T/CY
	Average Hourly Production (CY)		224		
	Average Daily Production (CY)		1,793		(8 hour work day)
	325 Excavator Cost				
	Excavator Rental (Monthly)	$ 7,900			(2) Line # 015433200200
	Ownership Cost (Daily)			$ 359	(22 working days/month)
	Excavator Operating Cost (Hourly)	$ 55			(2) Line # 015433200200
	Operating Cost(Daily)			$ 440	(8 hour work day)
	Excavator Labor Cost (Hourly)	$ 56			(2) crew B12-D
	Labor Cost (Daily)			$ 448	(8 hour work day)
				$ 1,247	
	Cost per CY			$ 0.70	

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		7 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Scraper Costing

				References/Notes
631E Scraper				
Scraper capacity (heaped)		31 CY		Material Weight = 1.62 T/CY
Rated load		37.5 ton		(1) pg 9-5
Scraper Productivity				
Bank CY/Hr, 4% RR, 1000 ft haul		540		(1) pg 9-67
Material correction		0.93		Material Weight = 1.62 T/CY
50 minute hour		0.83		
Actual bank CY per hour		415		
631 Scraper Cost				
Scraper Rental (Monthly)	$ 30,500			(2) Line # 015433203600
Ownership Cost (Daily)			$ 1,386	(22 working days/month)
Scraper Operating Cost (Hourly)	$ 218			(2) Line # 015433203600
Operating Cost(Daily)			$ 1,744	(8 hour work day)
Scraper Labor Cost (Hourly)	$ 54			(2) crew B-33D
Labor Cost (Daily)			$ 432	(8 hour work day)
Scraper Total Cost (Daily)			$ 3,562	
D9 Dozer Cost				
D9 Rental (Monthly)	$ 17,100			(2) Line # 015433204310
Ownership Cost (Daily)			$ 777	(22working days/month)
D9 Operating Cost (Hourly)	$ 95			(2) Line # 015433204310
Operating Cost(Daily)			$ 760	(8 hour work day)
D9 Labor Cost (Hourly)	$ 54			(2) crew B-10M, pg 1099
Labor Cost (Daily)			$ 432	(8 hour work day)
D9 Total Cost (Daily)			$ 1,969	
Total Fleet				
Total Fleet Cost (Daily)			$ 9,094	(1 - D9, 2 - 631)
Total Fleet Productivity (BCY/Hr)		830		
Total Fleet Productivity (BCY/Day)			6,640	
Cost per cubic yard moved			$ 1.37	
Cubic yards in 1 linear foot of 40 ft wide road, 1 foot thick (CY)			1.48	
Cost of placing 1 linear foot (40 foot wide road)			$ 2.03	

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		8 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Truck Haul (1 of 2)

				References/Notes
	980G Loader Productivity			
	Basic Cycle Time (minutes)	0.55		(1) pg 13-46
Cycle Time Factors	Material type (minutes)	0.02		(1) pg 13-46
	Type of Pile (minutes)	0.02		(1) pg 13-46
	Common ownershp trucks/loaders	0		(1) pg 13-46
	Constant operation	0		(1) pg 13-46
	Small target (minutes)	0.025		(1) pg 13-46
	Fragile target	0		(1) pg 13-46
	Total Cycle Time (minutes)	0.615		
	Optimum Cycles/Hr	98		
Work Factor	50 minutes/hr	0.83		(1) pg 13-47
	Average Cycles/hr	81		
	Bucket Full Load (Cubic Yards)	7.5		(1) pg 13-29
	Bucket Fill Factor	0.9		(1) pg 13-46
	Average Bucket Load (CY)	6.75		
	Average Volume Loaded/Hr	547		
	980G Loader Cost			
	Loader Rental (Monthly)	$ 16,500		(2) Line # 015433204810
	Ownership Cost (Daily)		$ 750	(22 working days/month)
		$ 108		(2) Line # 015433204810
	Operating Cost(Daily)		$ 864	(8 hour work day)
	Loader Labor Cost (Hourly)	$ 54		(2) crew B-10U
	Labor Cost (Daily)		$ 432	(8 hour work day)
	Loader Total Cost (Daily)		$ 2,046	
	775D Truck Productivity			
	Truck Volume (CY)	41.1		(1) pg 10-3
	Loader Cycles needed to Fill Truck	6.09		Use Loader Avg Bucket Load (CY)
	Average Cycles per Truck	6		
	Average Truck Payload (CY)	40.5		
	Basic Load Time (minutes)	4.45		Calculated from Loader rate
Cycle Time Factors	Manuever - Load Area (minutes)	0.5		(1) pg 10-8
	Manuever - Dump Area (minutes)	1.1		(1) pg 10-8
	Haul Time (minutes)	1.2		(1) pg 10-8
	Return Time (minutes)	1.2		(1) pg 10-8
	Optimum Truck Cycle Time (minutes)	8.45		(1) pg 10-8
	Optimum Truck Cycles/Hr	7.1		(1) pg 10-8
Work Factor	50 minutes/hr	0.83		Assumption
	Average Truck Cycles/Hr	5.9		
	Average (CY)/Hr (for 1 truck)	239		
	Average (CY)/Hr (for 2 trucks)	478		

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		9 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Truck Haul (2 of 2)

			References/Notes
775D Truck Cost			
Truck Rental (Monthly)	$ 27,400		(2) line # 015433205630
Ownership Cost (Daily)		$ 1,245	(22 working days/month)
Truck Operating Cost (Hourly)	$ 141		(2) line # 015433205630
Operating Cost(Daily)		$ 1,128	(8 hour work day)
Truck Labor Cost (Hourly)	$ 44		(2) crew B-34J
Labor Cost (Daily)		$ 352	(8 hour work day)
Truck Total Cost (Daily)		$ 2,725	
Trucks (2) total Cost (Daily)		$ 5,451	
Loader Total Cost (Daily)		$ 2,046	
Fleet Total Total Cost (Daily)		$ 7,497	
Total Fleet Productivity (CY per Day)		3,821	(8 hour work day)
Fleet Cost per CY		$ 1.96	

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		10 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Crane Costing

Rubber Tired Hydraulic Crane - 80 Ton Capacity

80 ton Crane Cost				References/Notes
Crane Rental (Monthly)	$	14,200		(2) line # 015433602700
Ownership Cost (Daily)			$ 645	(22 working days/month)
Crane Operating Cost (Hourly)	$	84		(2) line # 015433602700
Operating Cost(Daily)			$ 672	(8 hour work day)
Crane Labor Cost (Hourly)	$	56		(2) crew A-3L
Labor Cost (Daily)			$ 448	(8 hour work day)
Crane Total Cost (Daily)			$ 1,765	(8 hour work day)
Crane Total Cost (Hourly)			$ 221	

Rubber Tired Hydraulic Crane - 120 Ton Capacity

120 ton Crane Cost				
	$	16,500		(2) Line # 015433602740
Ownership Cost (Daily)			$ 750	(22 working days/month)
Crane Operating Cost (Hourly)	$	107		(2) Line # 015433602740
Operating Cost(Daily)			$ 856	(8 hour work day)
Crane Labor Cost (Hourly)	$	56		(2) crew A-3M
Labor Cost (Daily)			$ 448	(8 hour work day)
Crane Total Cost (Daily)			$ 2,054	(8 hour work day)
Crane Total Cost (Hourly)			$ 257	

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		11 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Rip Rap Erosion Control

Material cost, Hauling, and Placing Erosion Control Structures - Rip Rap

Description	Units	Total Cost	References/Notes
18" Minimum thickness, not grouted			
Material (sq. yd.)	1	$ 19	(2) Line # 313713100200
Labor (per unit)	1	$ 46	(2) Line # 313713100200
Equipment (per unit)	1	$ 13	(2) Line # 313713100200
Estimated Cost per Square Yard for Rip Rap Material and Install =		$ 77	

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
5/18/2020	EJM	134762-003	RAB	5/15/2020		12 of 12

Project	Subject
Pioneer Landscaping Materials, Inc. - Smokestack Quarry	Plant Removal

References/Notes

Removal of mobile screening plant, loading and hauling equipment and mobile conex containers

Description	Units	Total Cost
2015 McCloskey S190 5X20 3 Deck Track Mounted Screening Plant	1	$ 1,120.30
2019 Caterpillar 336-07 Hydraulic Excavator SN- YBN00278	1	$ 990.53
2014 JD 744K Loader SN- XXKED663418	1	$ 990.53
2- 40 foot cargo containers	1	$ 1,020.05
Estimated Total Cost for Plant Removal =		$ 4,121

Appendix B presents the quotes for removing the equipment that is planned to be oniste from Empire Transport.

(1) Caterpillar Performance Handbook, Edition 31
(2) RS Means 2017

HALEY ALDRICH

APPENDIX B

Plant Equipment Removal Third-Party Quotes

QUOTE
516242

EMPIRE TRANSPORT

40 W Iron Ave
Mesa, AZ 85210
PH 480-633-4600
FX 480-633-4510

Remit Payment:
Empire Southwest, LLC
PO Box 29879
Phoenix, AZ 85038-9879

Customer

Cust. No: 0260941

JLL PIONEER
Attention: BRIAN
630 PLAZA DRIVE, SUITE 150
HIGHLANDS RANCH 80129

Quotation No.	**516242**
Quote Date	5/14/2020
Cust. Contact	BRIAN
Cust. Phone:	602- 757-6977
Cust Fax No	(480) 926-9091
Cust PO No	
Cust Job No	
Invoice Terms:	2
Declared Value:	

Empire Transport is pleased to provide the following quotation:

PICKUP
Thu May 14
SMOKE STACK QUARRY
MAYER, AZ

DELIVER
Thu May 14
RICHIE BROS.
PHOENIX, AZ

Load No	*Trailer Type*	*Commodity Transported*	*Weight*	*Dimension L/W/H*	*Ref Qty*	*Loads*	*UOM*
564569		JD744	0	ft in/ ft in/ ft in	14.12	1	Unit

Annual Permit Fees

Quotation Amount: $990.53

Variations in weights, dimensions, origins and/or destinations listed on this document, or State or Local Government requirements resulting in changes in routings or any different or additional services provided by carrier shall result in a change of total charges. Escort charges are estimates only. Carrier will bill for any escort charges incurred in excess of any amounts entered on this document. This quote is subject to the availability of equipment. Customer agrees to pay a late charge of 1 1/2% per month plus reasonable attorney fees and collection costs for any past due amounts.

I HAVE READ AND UNDERSTAND ALL TERMS AND CONDITIONS STATED HEREIN. I AGREE TO ALL SAID TERMS.

BROKER _____

CUSTOMER _____

DATE _____

Thank you for Choosing Empire Transport

QUOTE
516243

EMPIRE TRANSPORT

40 W Iron Ave
Mesa, AZ 85210
PH 480-633-4600
FX 480-633-4510

Remit Payment:
Empire Southwest, LLC
PO Box 29879
Phoenix, AZ 85038-9879

Customer

Cust. No: 0260941

JLL PIONEER
Attention: BRIAN
630 PLAZA DRIVE, SUITE 150
HIGHLANDS RANCH 80129

Quotation No.	**516243**
Quote Date	5/14/2020
Cust. Contact	BRIAN
Cust. Phone:	602- 757-6977
Cust Fax No	(480) 926-9091
Cust PO No	
Cust Job No	
Invoice Terms:	2
Declared Value:	

Empire Transport is pleased to provide the following quotation:

PICKUP
Thu May 14
SMOKE STACK QUARRY
MAYER, AZ

DELIVER
Thu May 14
RICHIE BROS.
PHOENIX, AZ

Load No	*Trailer Type*	*Commodity Transported*	*Weight*	*Dimension L/W/H*	*Ref Qty*	*Loads*	*UOM*
564570		336	0	ft in/ ft in/ ft in	14.12	1	Unit

Annual Permit Fees

Quotation Amount: $990.53

Variations in weights, dimensions, origins and/or destinations listed on this document, or State or Local Government requirements resulting in changes in routings or any different or additional services provided by carrier shall result in a change of total charges. Escort charges are estimates only. Carrier will bill for any escort charges incurred in excess of any amounts entered on this document. This quote is subject to the availability of equipment. Customer agrees to pay a late charge of 1 1/2% per month plus reasonable attorney fees and collection costs for any past due amounts.

I HAVE READ AND UNDERSTAND ALL TERMS AND CONDITIONS STATED HEREIN. I AGREE TO ALL SAID TERMS.

BROKER _____

CUSTOMER _____

DATE _____

Thank you for Choosing Empire Transport

QUOTE
516244

EMPIRE TRANSPORT

40 W Iron Ave
Mesa, AZ 85210
PH 480-633-4600
FX 480-633-4510

Remit Payment:
Empire Southwest, LLC
PO Box 29879
Phoenix, AZ 85038-9879

Customer

Cust. No: 0260941

JLL PIONEER
Attention: BRIAN
630 PLAZA DRIVE, SUITE 150
HIGHLANDS RANCH 80129

Quotation No.	**516244**
Quote Date	5/14/2020
Cust. Contact	BRIAN
Cust. Phone:	602- 757-6977
Cust Fax No	(480) 926-9091
Cust PO No	
Cust Job No	
Invoice Terms:	2
Declared Value:	

Empire Transport is pleased to provide the following quotation:

PICKUP
Thu May 14
SMOKE STACK QUARRY
MAYER, AZ

DELIVER
Thu May 14
RICHIE BROS.
PHOENIX, AZ

Load No	*Trailer Type*	*Commodity Transported*	*Weight*	*Dimension L/W/H*	*Ref Qty*	*Loads*	*UOM*
564571		MCCLOSKEY S190	0	ft in/ ft in/ ft in	16.27	1	Unit

Annual Permit Fees

Quotation Amount: $1,120.30

Variations in weights, dimensions, origins and/or destinations listed on this document, or State or Local Government requirements resulting in changes in routings or any different or additional services provided by carrier shall result in a change of total charges. Escort charges are estimates only. Carrier will bill for any escort charges incurred in excess of any amounts entered on this document. This quote is subject to the availability of equipment. Customer agrees to pay a late charge of 1 1/2% per month plus reasonable attorney fees and collection costs for any past due amounts.

I HAVE READ AND UNDERSTAND ALL TERMS AND CONDITIONS STATED HEREIN. I AGREE TO ALL SAID TERMS.

BROKER _____

CUSTOMER _____

DATE _____

Thank you for Choosing Empire Transport

QUOTE
516245

EMPIRE TRANSPORT

40 W Iron Ave
Mesa, AZ 85210
PH 480-633-4600
FX 480-633-4510

Remit Payment:
Empire Southwest, LLC
PO Box 29879
Phoenix, AZ 85038-9879

Customer

Cust. No: 0260941

JLL PIONEER
Attention: BRIAN
630 PLAZA DRIVE, SUITE 150
HIGHLANDS RANCH 80129

Quotation No.	**516245**
Quote Date	5/14/2020
Cust. Contact	BRIAN
Cust. Phone:	602- 757-6977
Cust Fax No	(480) 926-9091
Cust PO No	
Cust Job No	
Invoice Terms:	2
Declared Value:	

Empire Transport is pleased to provide the following quotation:

PICKUP
Thu May 14
SMOKE STACK QUARRY
MAYER, AZ

DELIVER
Thu May 14
RICHIE BROS.
PHOENIX, AZ

Load No	*Trailer Type*	*Commodity Transported*	*Weight*	*Dimension L/W/H*	*Ref Qty*	*Loads*	*UOM*
564572		CONEX	0	ft in/ ft in/ ft in	14.75	1	Unit

Annual Permit Fees

Quotation Amount: $1,020.05

Variations in weights, dimensions, origins and/or destinations listed on this document, or State or Local Government requirements resulting in changes in routings or any different or additional services provided by carrier shall result in a change of total charges. Escort charges are estimates only. Carrier will bill for any escort charges incurred in excess of any amounts entered on this document. This quote is subject to the availability of equipment. Customer agrees to pay a late charge of 1 1/2% per month plus reasonable attorney fees and collection costs for any past due amounts.

I HAVE READ AND UNDERSTAND ALL TERMS AND CONDITIONS STATED HEREIN. I AGREE TO ALL SAID TERMS.

BROKER _____

CUSTOMER _____

DATE _____

Thank you for Choosing Empire Transport

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\134762\003 - Mayer Site\GIS\FIGURE 2 - EXISTING SITE CONDITIONS.mxd — USER: rabrown — LAST SAVED: 9/3/2020 9:19:39 AM

LEGEND

PROPERTY BOUNDARY

NOTES

1. ALL BOUNDARIES ARE APPROXIMATE
2. PROPERTY IS APPROXIMATELY 25 ACRES.
3. PARCEL DATA IS SOURCED FROM YAVAPAI COUNTY ASSESSOR OFFICE GIS DATA.
4. PARCEL IS LOCATED IN T12N, R1E, SECTION 26

N

0 175 350
SCALE IN FEET

HALEY ALDRICH

PIONEER LANDSCAPING MATERIALS, INC.
SMOKESTACK QUARRY
MAYER, ARIZONA

EXISTING SITE CONDITIONS

SEPTEMBER 2020

FIGURE 2