

WILTBANK FARMS LP  
RICHVILLE AGGREGATE PIT  
RECLAMATION PLAN  
10/30/2023

STATE MINE INSPECTOR

NOV 07 2023



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### 1.0 INTRODUCTION

This Reclamation Plan has been prepared for the Richville Aggregate Pit located approximately 18.3 miles north of St. Johns, Arizona. State law requires that a reclamation plan be submitted to the Arizona State Mine Inspector if it meets the Aggregate Mined Land Reclamation Act (AMLRA) and the Arizona Revised Statute (A.R.S.) 27-1202 et seq). This plan must be submitted to the Arizona State Mine Inspector (ASMI). New aggregate mining operations located on private land must have an approved reclamation plan before exceeding a cumulative disturbance area of 15 acres.

The Richville Aggregate Pit meets that criteria.

**WILTBANK FARMS LP**

**RICHVILLE PIT**

**RECLAMATION PLAN**

**2022 Arizona Revised Statutes Title 27-Minerals, Oil and Gas**

**27-1271-Submission and contents of reclamation plan**

**1. *Names and addresses of the owner or operator and an individual who will be the regulatory contact.***

Owner/Operator: William C. Wiltbank

P.O. Box 399

Eager, Arizona 85925

Regulatory Contact: William C. Wiltbank

P.O. Box 399

Eager, Arizona 85925

Phone: 928-245-3809

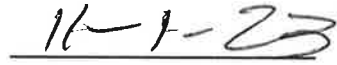
E-mail: [b.r.trucking.wiltbank@gmail.com](mailto:b.r.trucking.wiltbank@gmail.com)

- 2. A statement that the owner or operator assumes responsibility for the reclamation of surface disturbances that are attributable to the aggregate mining unit consistent with this chapter and rules adopted pursuant to this chapter.**

William C. Wiltbank is the responsible party for the reclamation described in this Reclamation Plan



Signature



Date



Name



Title

**3. The current ownership and use of the land included in the aggregate mining unit.**

The aggregate mining unit is owned by Wiltbank Farms LP. It has been used as an aggregate mining unit in the past. It is currently being used as an intermittent mining unit and as grazing land for cattle.

**4. The proposed postaggregate mining use of the land.**

Postaggregate mining use will be continued livestock grazing.

**5. A description of the aggregate mining unit and the proposed surface disturbances that will be created.**

The aggregate mining unit will encompass approximately 70 acres of land currently not being used. Historically, the aggregate mining was completed by different crushing operations. These operations have ceased and the areas that were disturbed have been reclaimed. The new operation will be initiated to north of the historical pit and will be reclaimed concurrently as the pit progresses.

**6. The existing and proposed final topography, including the final slopes or configuration of overburden or waste rock stockpiles and fine areas.**

The existing topography (see figures 2 and 3) consists of a hillside sloping from the north to the south with a more or less constant slope. There is an erosion feature that intersects the area that will be mined out during the aggregate mining operation.

The final slopes will be constructed to a minimum of 3H:1V gradient.

There will be minimal overburden, the geology consists of competent rock with very little topsoil.

The small amount of topsoil will be used as a boundary around the perimeter of the mining unit and will be spread over the postaggregate mining area during the mining activities and immediately upon completion of the mine life.

Any waste rock and or fines will be used as reclamation material and will be spread over the mining unit as mining progresses and upon completion of the aggregate mining project.

**7. A narrative description of roads that are proposed for the aggregate mining unit.**

There will be no additional roads required for the aggregate mining unit. The farm has access roads to the property that are maintained. In pit roads will be temporary and will be reclaimed during and immediately upon completion of the aggregate mining phase.

**8. The acreage affected by each type of surface disturbance and a map of the aggregate mining unit area showing each surface disturbance. For previously undisturbed areas, the map shall identify any types of fish and wildlife habitats that will be disturbed.**

The surface disturbance of the aggregate mining unit will encompass approximately 70 acres. Portable crushing and screening equipment will be utilized and will be located within the 70 acres and at the south end of the mining unit. There are no areas within the aggregate mine footprint that can be

identified as wildlife or fish habitat. The aggregate pit will not affect fish or wildlife. The active mine area will be a hillside with minimal trees and no active streams or waterways.

**9. The proposed reclamation measures that are necessary to achieve the postaggregate mining land use, including information concerning:**

**(a) The measures that will be taken to restrict public access to pits and other surface features that may be a hazard to public safety.**

The entire Wiltbank farm properties are fenced and listed as private property, no trespassing. Additionally, the entrance to the pit has a locked gate and signage indicating active mine site, no entry signs. There is a perimeter fence around the historical pit that encompasses the proposed pit.

**(b) The measures that will be taken to address erosion control and stability.**

During the aggregate mining phase concurrent reclamation will be ongoing. As the active pit limit is reached, the slopes will be graded to the minimum gradient 3H:1V and the overburden, waste material and topsoil material will be spread over the graded portion of the pit. During the postaggregate mining phase, the pit will be monitored through at least one growing season and any erosion features will be corrected.

**(c) The measures that will be taken to address revegetation, conservation and the care and monitoring of revegetated areas as provided in this chapter.**

As stated above, the topsoil with native seeds will be spread over the pit area. Any erosion will be addressed. The area will be returned to cattle grazing and applicable rotation of grazing and pasture maintenance will ensue.

**(d) For surface disturbances for which the proposed postaggregate mining land use objective is designated as grazing, fish or wildlife habitat, forestry or recreation, the type of wildlife or fish habitat to be encouraged, including measures that will be taken to encourage that type of wildlife or fish habitat, and that those measure will not be incompatible with the fish or wildlife habitat on adjacent lands.**

The land use before, during and after the active aggregate mining phase will be for livestock grazing. The area will be managed as a livestock pasture, including applicable conservation protocol ie; rotation of livestock, care and maintenance of water sources and restriction of public from the site. The normal conservation and management of a livestock operation will serve as encouragement for the wildlife such as elk and deer. The water sources will help with the other predatory and small animal species. There are no waterways that support fish.

**10. A proposed tentative schedule for beginning surface disturbances and beginning and completing the reclamation measures.**

Active mining will commence upon acceptance of the reclamation plan and approval and receipt by ASMI of the applicable surety bond.

Aggregate mining will continue as long as it is economically feasible. Market forces will dictate the ultimate length of the pit life. If demand continues and available material within the pit footprint is

depleted, a modification will be submitted and the pit will be expanded. Available material within this footprint, based on the type of equipment to be utilized is approximately 5 years. Reclamation will be on-going throughout the mine life and will be completed within 30 days after active mining is complete.

**11. The estimated costs to perform each of the proposed reclamation measures for purposes of determining financial assurance requirements under article 5 of this chapter.**

**TABLE 1**

**TABLE 1. ESTIMATED RECLAMATION COST SUMMARY**

<b>SECTION</b>	<b>RECLAMATION ITEM</b>	<b>COST</b>
2	3H:1V Reclaimed Slope	\$23,771.13
2.1	Top soil backfill	\$10,075
2.2	Road reclamation cost	Included
2.3	Care and Maintenance Cost	\$3,000.00
2.4	Construction Cost	0
2.5	Portable plant(s) removal cost	\$2,500.00
2.6	Administrative Cost	\$4,000.00
	<b>Total Reclamation Cost</b>	<b>\$ 43,846.13</b>



**TABLE 2  
CONTRACTOR'S COST ESTIMATE AND BREAKDOWN**

**L and E Grade LLC**

**ROC#335545**

**Highway 180 A**

**Concho, Arizona 95924**

RICHVILLE PIT RECLAMATION PLAN COST BREAKDOWN

**3V:1H SLOPE CONSTRUCTION**

EQUIPMENT	CAPACITY CYDS	HRLY PRODUCTION	ESTIMATED QTY.	REQD HRS	COST/HR	SUBTOTAL COST
TRACK TYPE						
TRACTOR	22	75	3650	49	\$ 250.00	\$ 12,166.67
FRONT END LOADER	6	280	1125	4	\$ 250.00	\$ 1,004.46
WATER TRUCK	5000 GAL.	N/A	N/A	4	\$ 150.00	\$ 600.00
<b>TOTAL COST OF SLOPE</b>						<b>\$ 13,771.13</b>

**TOPSOIL BACKFILL**

EQUIPMENT	CAPACITY CYDS	HRLY PRODUCTION	ESTIMATED QTY.	REQD HRS	COST/HR	SUBTOTAL COST
TRACK TYPE						
TRACTOR	22	75	1125	15	\$ 250.00	\$ 3,750.00
WATER TRUCK	5000 GAL.	N/A	N/A	8	\$ 150.00	\$ 1,200.00
SUPPORT VEHICLE	N/A	N/A	N/A	105	\$ 25.00	\$ 2,625.00
MOB/DE-MOB	N/A	N/A	N/A	N/A	N/A	\$ 2,500.00
<b>TOTAL COST OF BACKFILL</b>						<b>\$ 10,075.00</b>

<b>TOTAL ESTIMATE</b>	<b>\$ 23,846.13</b>
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\* Track type tractor will be the primary production tool and will be utilized to push down the rocky material.

**FIGURE 1  
RICHVILLE PIT VICINITY MAP**

**(SEE ATTACHED MAP)**

**FIGURE 1  
RICHVILLE PIT VICINITY MAP**

108-37-027B

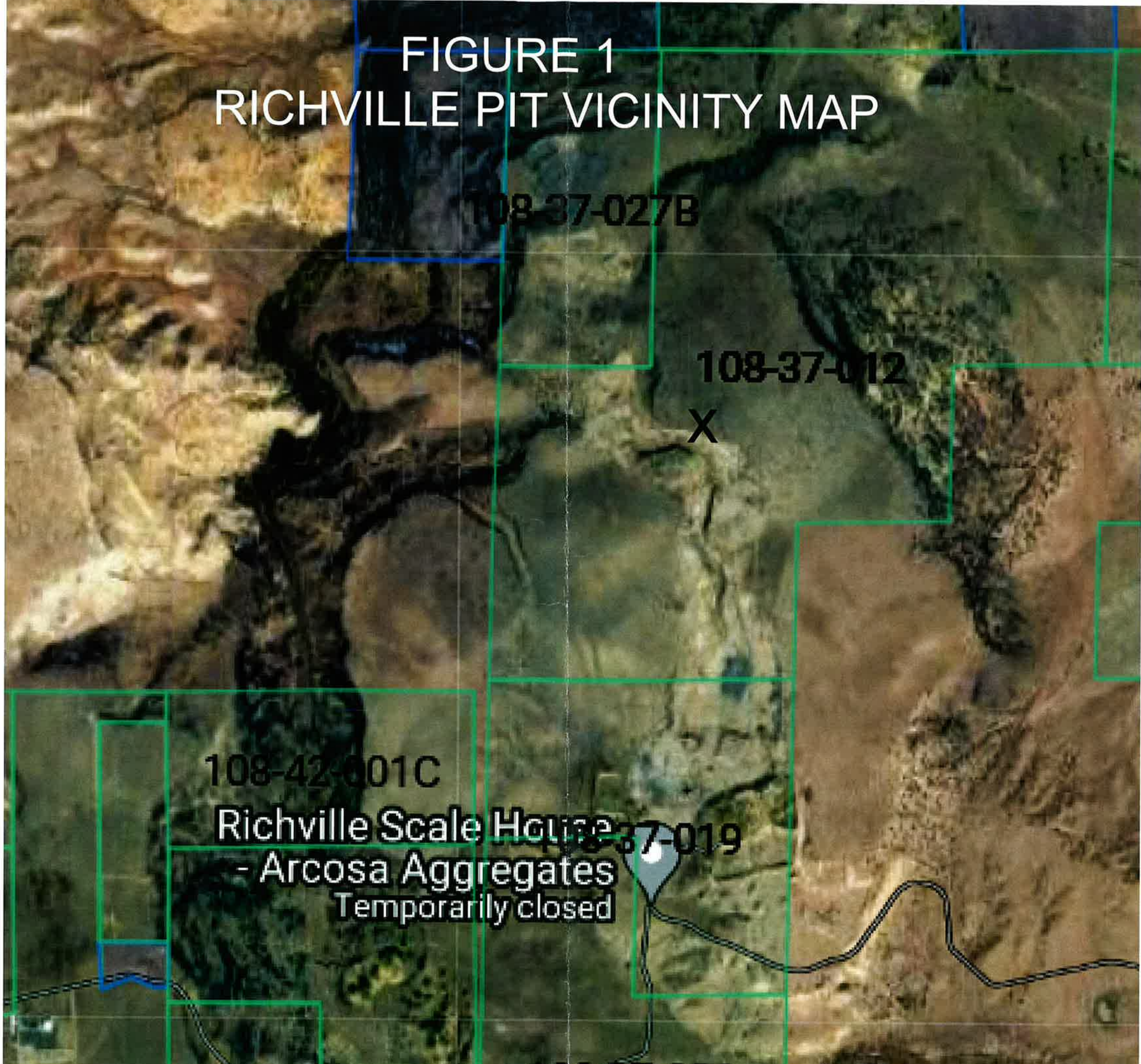
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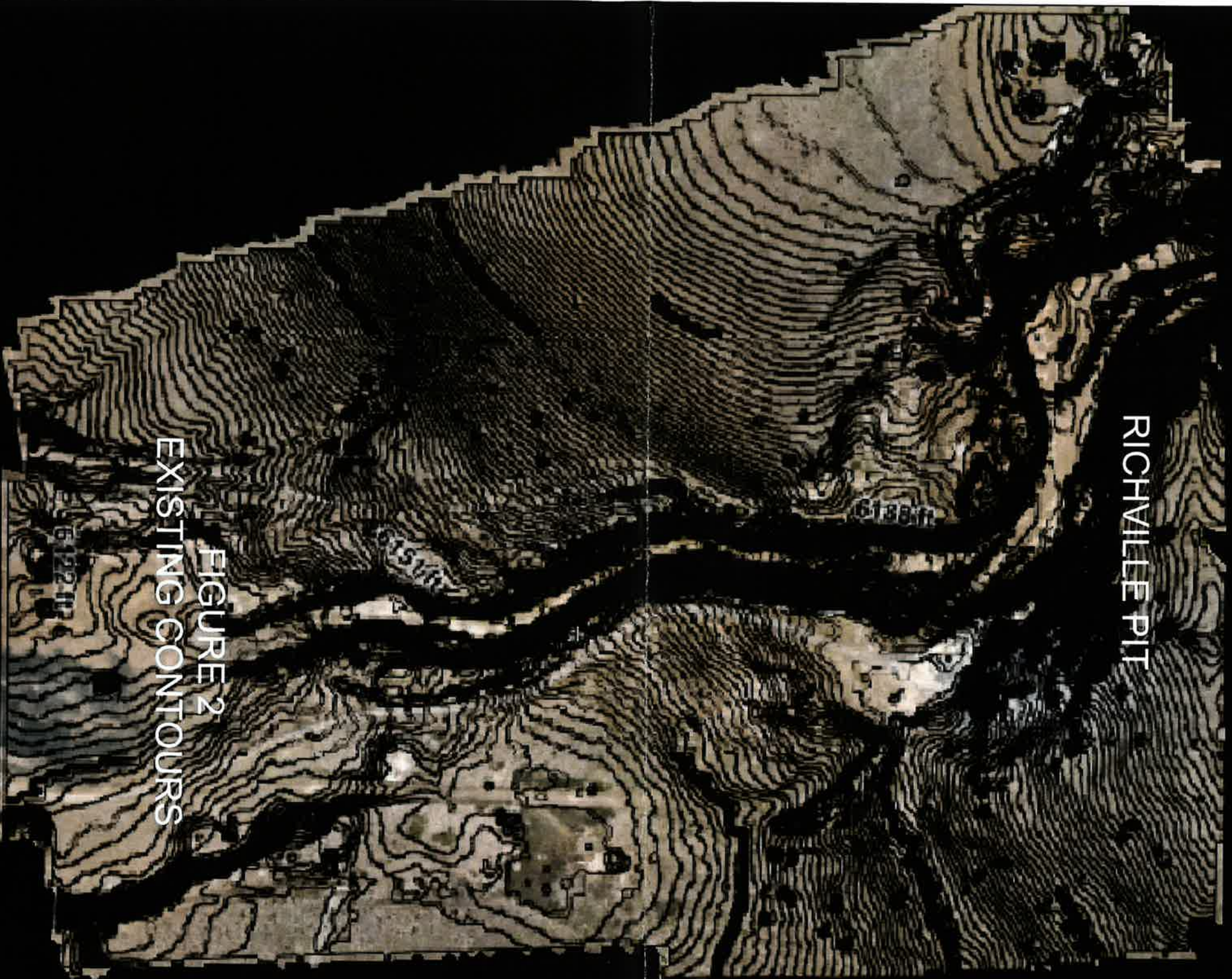
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**Richville Scale House**  
- Arcosa Aggregates  
Temporarily closed

108-37-019







RICHVILLE PIT

FIGURE 2  
EXISTING CONTOURS

300 ft | NAD83(2011) / Arizona East (ft) N 1 209 493.928 ft E 943 682.242 ft Z 6 112.941 ft



**FIGURE 3**

**RICHVILLE PIT POSTAGGREGATE MINING CONTOURS**

**(SEE ATTACHED MAP)**

RICHVILLE PIT  
POST AGGREGATE MINING CONTOURS

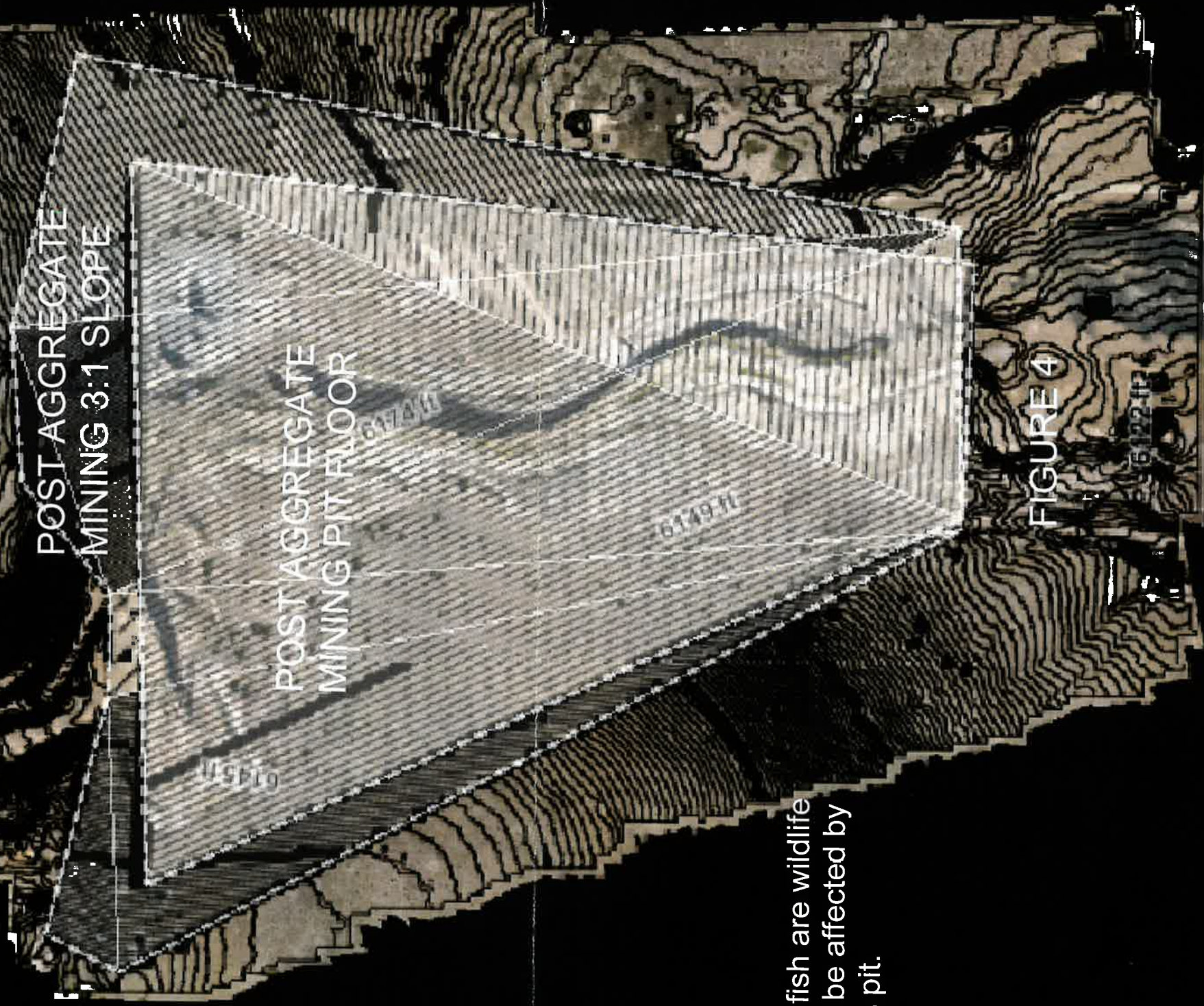


FIGURE 4

No fish are wildlife  
will be affected by  
this pit.

