

Sign Posting Affidavit

DRMS – M-2004-044-AM02



Place signs pics here

I, Kyle Regan hereby certify that I posted a sign containing the Division of Reclamation Mining and Safety notice requirement information per Rule 1.6.2(1)(b) for the proposed permit area known as Tucson South Mine/Amendment on this 17th day of September, 20 21.



Signature of Owner or Owner's Representative

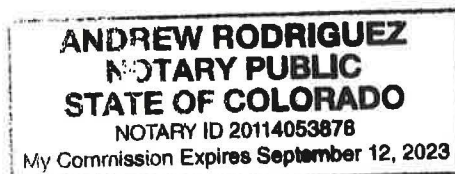
The foregoing instrument was acknowledged before me by Kyle Regan, this 20th day of September, 20 21. Witness my hand and seal.

My commission expires 9/12/2023.



Notary Public

(SEAL)



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A handwritten signature in blue ink, appearing to be 'KR', written over a horizontal line.

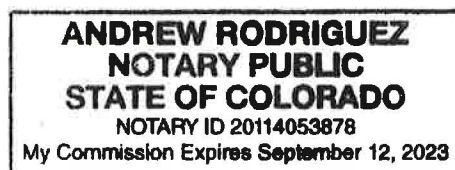
Signature of Owner or Owner's Representative

The foregoing instrument was acknowledged before me by Kyle Regan, this 20th day of September, 2021. Witness my hand and seal.

My commission expires 9/12/23.

A handwritten signature in blue ink, appearing to be 'AR', written over a horizontal line.
Notary Public

(SEAL)



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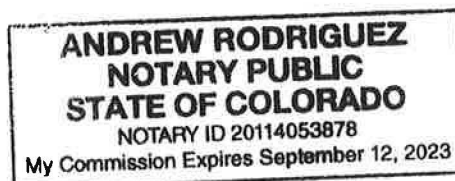
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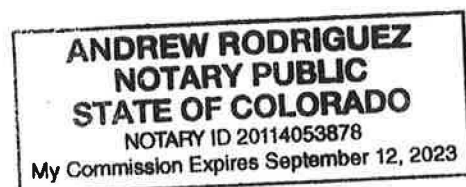
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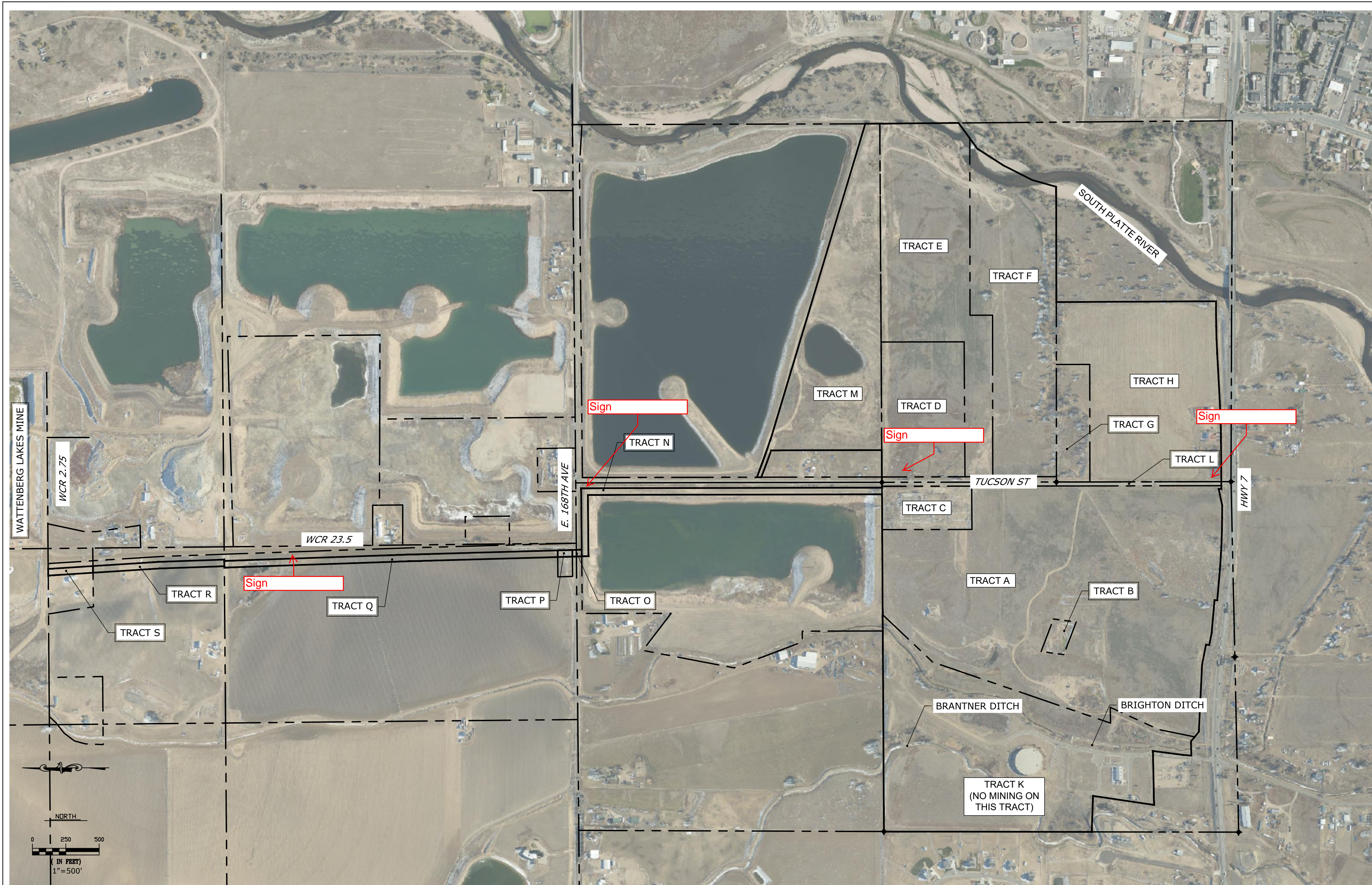
My commission expires 9/12/2023.



Notary Public

(SEAL)





TUCSON SOUTH RESOURCE
PRE-MINING AND MINING PLAN MAPS

MINING NOTES

1. REFER TO EXHIBITS C-2, C-3 AND C-4 FOR ADJACENT PROPERTY OWNERS, SOURCE OF SURVEY/TOPOGRAPHY, AND BENCHMARK INFORMATION.
2. AN ENGINEERING STABILITY ANALYSIS FOR SLIDING FAILURE HAS BEEN PERFORMED. MINING OCCURRING WITHIN 200' OF A MAN-MADE STRUCTURE NOT OWNED BY THE APPLICANT/OPERATOR HAS ADEQUATE SETBACK FOR SLIDING FAILURE. THE LIMIT OF MINING EXCAVATION PER THE GEOTECHNICAL SLOPE STABILITY ANALYSIS IS SHOWN ON EXHIBITS C-2, C-3 AND C-4.
3. FOR THE WEST AND EAST CELLS, THE OPERATOR WILL USE DRY MINING TECHNIQUES AND EXCAVATE MATERIAL BY BACKHOE, BULLDOZERS, AND SIMILAR EQUIPMENT. THE MINING FOR THESE PHASES WILL INVOLVE INSTALLATION OF A SLURRY WALL, DE-WATERING ACTIVE MINE AREAS AND PUMPING IN ACCORDANCE WITH THE DISCHARGE PERMIT.
4. TOPSOIL AND OVERBURDEN STOCKPILES SHALL BE TEMPORARILY STORED IN THE AREAS SHOWN. THE STOCKPILES IN THE FLOODPLAIN SHALL BE ALIGNED PARALLEL TO THE FLOOD FLOW DIRECTION OF THE S. PLATTE RIVER, HAVE MAXIMUM HEIGHT OF 30', A MAXIMUM LENGTH OF 300', MAXIMUM 3H:1V SLOPES, AND A MINIMUM OF 100' BETWEEN STOCKPILES.
5. OVERBURDEN AND TOPSOIL STOCKPILES ABOVE EXISTING GRADE, THAT ARE EXPECTED TO BE PRESENT FOR OVER 1 YEAR, WILL BE SEEDED WITH A TEMPORARY SEED MIX AS WEATHER PERMITS.
6. OVERBURDEN AND TOPSOIL STOCKPILES MAY BE STORED IN THE BOTTOM OF THE MINING CELLS IN EAST AND WEST MINING AREAS AS LONG AS THE TOP OF THE STOCKPILES ARE BELOW THE PRE-MINING SURFACE ELEVATION.
7. STOCKPILED TOPSOIL WILL BE SEGREGATED FROM OTHER SOIL.
8. THE OPERATION WILL INVOLVE CONCURRENT MINING AND RECLAMATION WITH FINAL SLOPES BEING 3H:1V, AND PLACEMENT OF 6" TO 12" OF TOPSOIL ON ALL RECONSTRUCTED AREAS ABOVE THE PROPOSED HIGH WATER LEVEL OF THE FUTURE RESERVOIR; AND OTHER DISTURBED AREAS AS NECESSARY.
9. CIVIL RESOURCES, LLC IS NOT RESPONSIBLE FOR SAFETY, IN, ON, OR ABOUT THE PROJECT SITE, NOR FOR COMPLIANCE BY THE APPROPRIATE PARTY OF ANY REGULATIONS THERETO.
10. A MINIMUM OF TEN (10) FEET OF CLEARANCE FROM ANY EXISTING POWERLINE OR FUTURE POWERLINE SHALL BE MAINTAINED AT ALL TIMES AS OUTLINES BY STATE STATUTES.
11. UTILITIES SHOWN ON THIS PLAN WERE FIELD LOCATED AT THE TIME OF PLAN PREPARATION. FOR SAFETY, THE OPERATOR SHOULD LOCATE UTILITIES PRIOR TO SLURRY WALL CONSTRUCTION, OR MINING ACTIVITY.
12. PRIOR TO DISTURBANCE OF ANY WATERS OF THE U.S. AGGREGATE INDUSTRIES, INC WILL GET APPROPRIATE APPROVALS FROM THE U.S. ARMY CORPS OF ENGINEERS.
13. NO IRRIGATION DITCHES WILL BE DISTURBED. LATERALS THAT SERVE THE PROPERTY WILL BE REMOVED.
14. THE MAXIMUM SLOPE ON EASTERN HIGHWALL EXCAVATIONS THAT ARE 400 FEET OR LESS FROM THE SOUTH PLATTE RIVER SHALL NOT EXCEED 3H:1V BETWEEN APRIL 1 AND SEPTEMBER 30.
15. THE MINING LIMITS SHOWN HEREIN ASSUME SIDE SLOPE AND 3H:1V (EAST AND WEST AREAS) AS DESCRIBED IN THE SLOPE STABILITY AND SETBACK UPDATES MEMO (TETRA TECH, NOV 8, 2019). DEVIATIONS FROM THE ASSUMPTIONS MADE IN THE MEMO IMPACT THE ALLOWABLE GEOTECHNICAL SETBACK. THIS MEMO DOES NOT DOCUMENT SETBACKS THAT ARE BASED ON MUTUAL AGREEMENTS OR ADAMS COUNTY REGULATIONS.

Sheet List Table	
SHEET NUMBER	SHEET TITLE
C-1	EXHIBIT C COVER SHEET & MINING NOTES
C-2	EXHIBIT C PRE-MINING PLAN WEST AREA
C-3	EXHIBIT C PRE-MINING EAST AREA
C-4	EXHIBIT C PRE-MINING PLAN WELD COUNTY CONVEYOR AREA
C-5	EXHIBIT C WEST AREA MINING PLAN
C-6	EXHIBIT C EAST AREA MINING PLAN
C-7	EXHIBIT C WELD COUNTY CONVEYOR AREA MINING PLAN
C-8	EXHIBIT C MINING PLAN DETAILS

GRAVEL MINING APPLICANT/OPERATOR:

AGGREGATE INDUSTRIES-WCR. INC.
1687 COLE BLVD, STE 300
GOLDEN, COLORADO 80401

SURFACE OWNERS:

AGGREGATE INDUSTRIES-WCR. INC.(TRACTS A, B, D, E, F, H, AND M)
1687 COLE BLVD, STE 300
GOLDEN, COLORADO 80401

CITY OF AURORA (TRACTS C, G, K AND N)
15151 EAST ALAMEDA PARKWAY, STE 3600
AURORA, COLORADO 80012

ADAMS COUNTY (TRACTS L & O)
ADAMS COUNTY GOVERNMENT CENTER
4430 SOUTH ADAMS COUNTY PARKWAY
BRIGHTON, COLORADO 80601

YOSHI & SUZU, LLP (TRACTS P & Q)
PO BOX 508
BRIGHTON, CO 80601

DOROTHY AND JAMES STRUCK (TRACT R)
507 COUNTY ROAD 23.5
BRIGHTON, COLORADO 80603

TOBY STRUCK (TRACT S)
527 COUNTY ROAD 23.5
BRIGHTON, COLORADO 80603

UTILITY INFORMATION

UTILITY INFORMATION TAKEN FROM THE TUCSON SOUTH ALTA/NSPS
LAND TITLE SURVEY DATED SEPTEMBER 7, 2018 BY CIVIL ARTS AND
STRUCTURES SURVEY DATED SEPTEMBER 2, 2021.

PLEASE REFER TO SHEETS C-2, C-3 AND C-4 FOR ADJACENT
PROPERTY OWNERS WITHIN 200' OF PERMIT BOUNDARY. ADJACENT
PROPERTY OWNER INFORMATION WAS PROVIDED BY ADAMS
COUNTY AND WELD COUNTY RECORDS.

FLOOD HAZARD LEGEND:

EFFECTIVE ZONE AE: AREA OF 1% ANNUAL CHANCE FLOOD WITH
BASE FLOOD ELEVATIONS DETERMINED,AS SHOWN ON FEMA FIRM
(MARCH 15, 2007)

EFFECTIVE ZONE X: AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS
OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS
THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE;
AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE
FLOOD, AS SHOWN ON FEMA FIRM (MARCH 5, 2007)

EFFECTIVE FLOODWAY: THE FLOODWAY IS THE CHANNEL OF A
STREAM PLUS ANY ADJACENT FLOODPLAIN AREAS THAT MUST BE
LEFT FREE OF ENCROACHMENT SO THAT THE 1% ANNUAL CHANCE
FLOOD CAN BE CARRIED WITHOUT SUBSTANTIAL INCREASES IN
FLOOD HEIGHTS, AS SHOWN ON FEMA FIRM (MARCH 5, 2007)

PRE-PROJECT / MINING CONDITIONS: AREA IF 1% ANNUAL CHANCE
FLOODPLAIN PER TETRA TECH STUDY (NOV. 2018 OR AS REVISED)

MINING AREA ACREAGE TABLE:

AREA/PHASE	TRACT	PERMIT BOUNDARY	AFFECTED AREA		MINED AREA
WEST/ PHASE1	A	82.6	137.6	82.6	88.6
	B	1.0		1.0	
	C	5.0		5.0	
	K	49.0		0.0	
EAST/ PHASE2	D	14.4	139.4	14.4	83.8
	E	30.7		30.7	
	F	29.6		29.6	
	G	4.9		4.9	
	H	32.6		32.6	
	M	27.2		27.2	
CONVEYOR	N	3.1	7.7	3.1	0.0
	O	0.1		0.1	
	P	0.1		0.1	
	Q	2.9		2.9	
	R	1.1		1.1	
	S	0.4		0.4	
TUCSON ST	L	2.9	2.9	2.9	0.0
TOTALS			287.6	238.6	155.8

CERTIFICATION:

THIS MAP WAS PREPARED BY CIVIL RESOURCES, LLC. IN
COOPERATION WITH AGGREGATE INDUSTRIES-WCR, INC.
AGGREGATE INDUSTRIES-WCR, INC. WILL KEEP THE DIVISION OF
RECLAMATION, MINING, AND SAFETY INFORMED OF ANY CHANGES TO
THE MINING OR RECLAMATION PLANS THROUGH ANNUAL REPORTS
AND FILE TECHNICAL REVISIONS OR AMENDMENT APPLICATIONS AS
NECESSARY THROUGHOUT THE LIFE OF THE MINE.

GARY LINDEN 09/09/2021
DATE



8308 COLORADO BLVD
SUITE 200
FIRESTONE, CO 80504
303.833.1416
WWW.CIVILRESOURCES.COM

AGGREGATE INDUSTRIES

1687 COLE BLVD, STE 300
GOLDEN, COLORADO 80401
214-213-7859(P)
KIMBERLY DENNIS

TUCSON SOUTH RESOURCE
EXHIBIT C

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CI DATE: AUGUST 21
CHECKED BY: GL SCALE: AS NOTED
AS NOTED

JOB NO.: 297.001.09
DWG NAME: C-1 EXHIBIT C EAST AREA RECLAMATION PLAN COVER.dwg

EXHIBIT C COVER
SHEET & MINING
NOTES

SHEET:

C-1



Know what's below.
Call before you dig.