Colorado Water Protective and Development Association



October 28, 2022

205 South Main Street Fowler, Colorado, 81039 Phone: 719-826-2597 www.cwpda.org

Mr. Patrick Lennberg

Environmental Protection Specialist

Colorado Division of Reclamation, Mining, and Safety

1313 Sherman Street, Rm. 215

Denver, CO 80203

RE: Adequacy Review Response AR-2, M-1986-015

Dear Mr. Lennberg,

On October 7, 2022, Colorado Water Protective and Development Association (CWPDA) received the adequacy review letter which you sent in response to CWPDA's request for an Acreage Reduction, submitted on September 30, 2022, to release the eastern part of the currently approved permit area, as it was never affected by mining activities at the Pueblo East Pit. CWPDA's responses to your adequacy review are being provided to the Division with this letter.

Best Regards,

Daniel Tucker, PE

Dull.Tre

Civil Engineer,

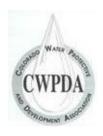
Colorado Water Protective and Development Association

CC:

Kent Ricken - CWPDA General Manager

H. Bruce Humphries – Environmental Resources Management

Colorado Water Protective and Development Association



205 South Main Street Fowler, Colorado, 81039 Phone: 719-826-2597 www.cwpda.org

Adequacy Review (10/28/2022) – CWPDA Responses to Comments

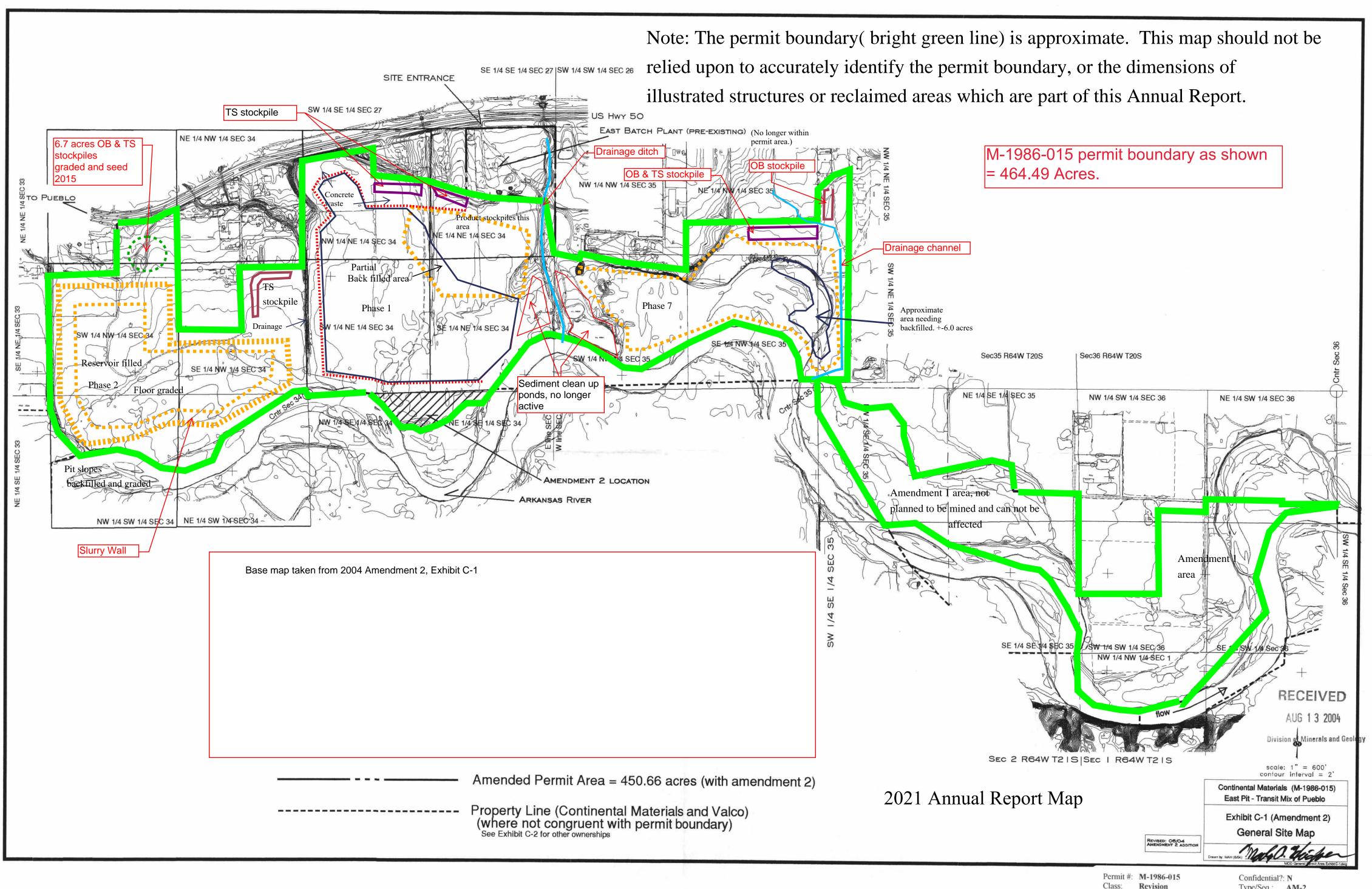
Colorado Water Protective and Development Association



205 South Main Street Fowler, Colorado, 81039 Phone: 719-826-2597 www.cwpda.org

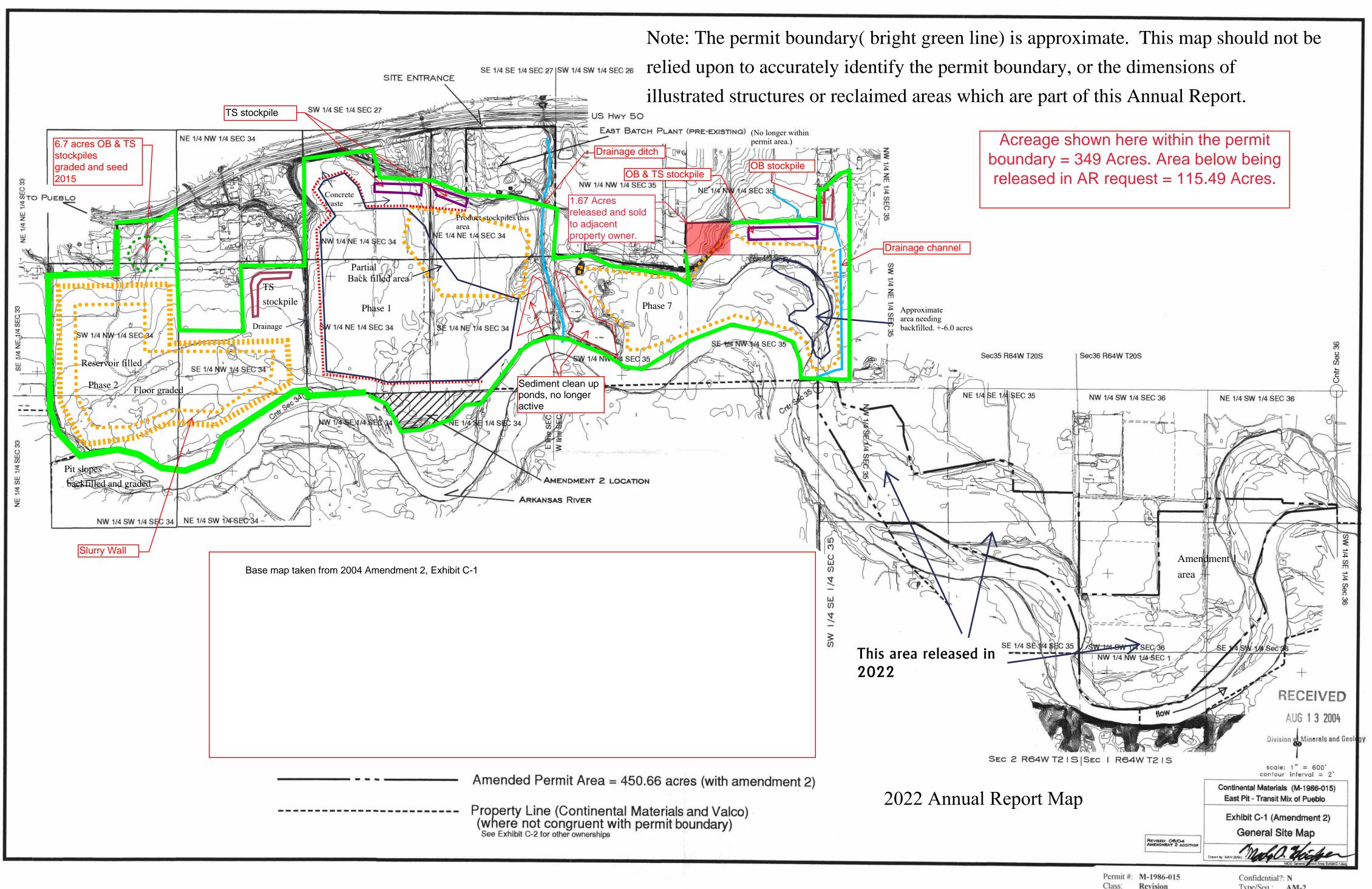
1. The Operator has submitted a request to reduce the current permit area to 349 acres. The currently approved permit acreage is 464.49 acres. In order to get to 349 acres there would need to be a release of 115.49 acres. The request for release is for 123 acres. All release acres are for an area that was added to permit through approval of AM-1 but was never approved to be mined and never was affected by mining. Please provide a detailed acreage accounting of each Phase of the permit area to determine where difference is between the Operator request and the Division's calculated release amounts. The release quest amount can then be refined as needed.

Response: The existing permit boundary encompasses 464.49 Acres. The area which is requested for release is 115.49 Acres. The claimed portion as a remainder under the permit boundary is 349 Acres. These areas can be seen in the two attached maps provided with this adequacy response letter.



Permit #: M-1986-015 Confidential?: N
Class: Revision Type/Seq.: AM-2
From: Continental Materials Corp To: DMG
Doc. Name: EXH C-1 General Site Map
Date: 08/13/2004

Date: 08/13/200 Specialist: BMK



Permit #: M-1986-015 Confidential?: N
Class: Revision Type/Seq.: AM-2
From: Continental Materials Corp To: DMG
Doc. Name: EXH C-1 General Site Map
Date: 08/13/2004

Date: 08/13/2004 Specialist: BMK

CONCRETE WASHOUT WASTE WATER DRAINAGE -(~16,156 CY) CHANNEL TO REMAIN **EXISTING TOPSOIL** STOCKPILE -(3,496 CY) RECLAIMED TO 3H:1V SLOPES AREA TO BE RECLAIMED WITH FILL AND CONCRETE WASTE STOCKPILE -SLOPE TO BE RECLAIMED WITH ALL REMAINING SLOPES TO FLATTENED TO 3H:1V (MIN.) (~5,000 CY) 6-INCH THICK LAYER OF TOPSOIL TOTAL LENGTH OF 3H:1V SLOPES ~4,300 L.F., AVERAGE (~11,400 CY) HEIGHT = 10 FT ALONG EAST, NORTH, AND NORTHWEST APPROXIMATE FILL: 450,000 CY QUONSET HUT, EXISTING TOPSOIL PROTECT IN PLACE ENTIRE ARE TO BE RE-SEEDED (~84 AC) BACKFILL EXISTING POND AREA TO ELEV: ~4589 ROAD TO BE -STOCKPILE APPROXIMATE FILL: 200,000 CY (4,372 CY) EXISTING STORM WATER DRAINAGE -ENTRANCE POINT CHANNEL TO REMAIN WITH FILL AND CONCRETE WASTE - GROUNDWATER ELEVATION =4597' N38°16'15.26" W104°32'58.53" TOP OF FILL = ~4599' EAST POND FILL: ~28,000 CY WEST POND FILL: ~4,500 CY RECLAMATION **BORROW MATERIAL** AREA (4,125 CY) COVER: NATIVE REGRADED TO VEGETATION 3H:1V SLOPES EXISTING POND SLOPES TO EXISTING BE RECLAIMED WITH 6-INCH TOPSOIL THICK LAYER OF TOPSOIL STOCKPILE (~15,300 CY) (~3,348 CY) **TOTAL PERMIT BOUNDARY 349** AREA TO BE **ACRES** REGRADED TO ROAD TO BE -3H:1V SLOPES MAINTAINED REWORK AREA COVER: NATIVE VEGETATION PHASE 1 SPILLWAY 1 WATER (SEE NOTE 2) PUMPING STATION PHASE 1 SPILLWAY 2 ROAD TO BE (SEE NOTE 2) TOPSOIL PLACEMENT AREA TO BE RE-SEEDED, MAINTAINED CRIMPED AND MULCHED PHASE 2 SPILLWAY 2 (SEE NOTE 2) **EXISTING GROUND** COVER: NATIVE **EXISTING GROUND** VEGETATION COVER: NATIVE TOPSOIL PLACEMENT AREA TO BE RE-SEEDED, VEGETATION CRIMPED AND MULCHED

DRAWN BY: LUKE DOWNING, 31/AUG/22 REVIEWED BY: DANIEL TUCKER

1	Area Reduction	27/SEP/22
Vo.	Revision/Issue	Date

GENERAL NOTE:

- SPILLWAY DESIGN SPECIFICATIONS AND DETAILS TO BE DETERMINED IN FUTURE TECHNICAL REVISIONS.
- 2. FINAL LAND USE CONDITIONS OF EXCAVATED AREAS TO BE BACKFILLED TO 2FT ABOVE GROUNDWATER TABLE, SLOPES GRADED TO NO STEEPER THAN 3H:1V AND SEEDED WITH NATIVE SEED

ARKANSAS GROUNDWATER & RESERVOIR ASSOCIATION 205 S. Main Street Fowler, CO 81039



ARKANSAS GROUNDWATER & RESERVOIR ASSOCIATION 205 S. Main Street Fowler, CO 81039

Project M-1984-01	5
27/SEP/22	2

As Noted

MAP LEGEND:

EXISTING CONTOURS PERMIT BOUNDARY (M-1986-015) **EXISTING SLURRY WALL** PROPOSED SLURRY WALL PROPOSED CONTOURS

Table 1: Replacement Seed Mix for the Pueblo East Pit, Drill Seed, TR-01:

Species	Variety	PLS lbs./Acre
Crested wheatgrass	Hycrest II	2.0
Pubescent wheatgrass	Manska	2.0
Bluebunch wheatgrass	Secar	2.0
Russian wildrye	Select	2.5
Thickspike wheatgrass	Sodar	2.5
Tall wheatgrass	Jose	3.0
Total PLS/acre		14.0

SCALE IN FEET