

ASPHALT



SPECIALTIES CO.

10100 Dallas St. • Henderson, CO 80640 • (303) 289-8555 • Fax: (720) 289-7707

TECHNICAL REVISION (TR) SUBMITTAL

Date: **September 15, 2023**
Facility: **Speer Mining Resource**
Permit No: **M-1983-176**
Address: **12021 Brighton Rd., Henderson, CO 80640**
Re: **Revised Technical Revision No. 5 (TR-05)**

INTRODUCTION & PURPOSE

Asphalt Specialties Co., Inc. (ASCI) is submitting this Revised Technical Revision No. 5 (TR-05) to: 1) address comments provided in the DRMS TR-05 Adequacy Review Letter dated March 9, 2023; and 2) address corrective actions required for Problem #2 noted in the March 10, 2023 inspection report in order to update the permit with minor changes to the approved reclamation plan for the Speer Mining Resource (DRMS Permit No. M-1983-176).

EXHIBIT E – RECLAMATION PLAN

The following is a list of the changes to the approved reclamation plan:

- The shop building and office/house building will remain on-site after reclamation is complete. Leaving these two buildings/structures is compliant with local land use and zoning laws as indicated in Chapter 3, Section 3-10: Agricultural-3 District (A-3) of the Adams County Zone District Regulations dated February 21, 2023. These buildings were constructed on the property by a previous landowner(s) and have been present since at least the early-1990's (earliest aerial photography record reviewed). Currently, these buildings are not actively being utilized, but can be used during reclamation activities. Any anticipated future use of the buildings after reclamation is complete will be associated with personal, private agricultural use unless a redevelopment plan is approved by Adams County and DRMS in the future.
- A limited area surrounding these buildings will not be revegetated as it will be associated with the personal, private agricultural use of the buildings after reclamation is complete (e.g., parking).

All other aspects of the reclamation plan remain the same as submitted in Technical Revision No. 4 (TR-04) approved in August 2022.

EXHIBIT F - RECLAMATION PLAN MAP

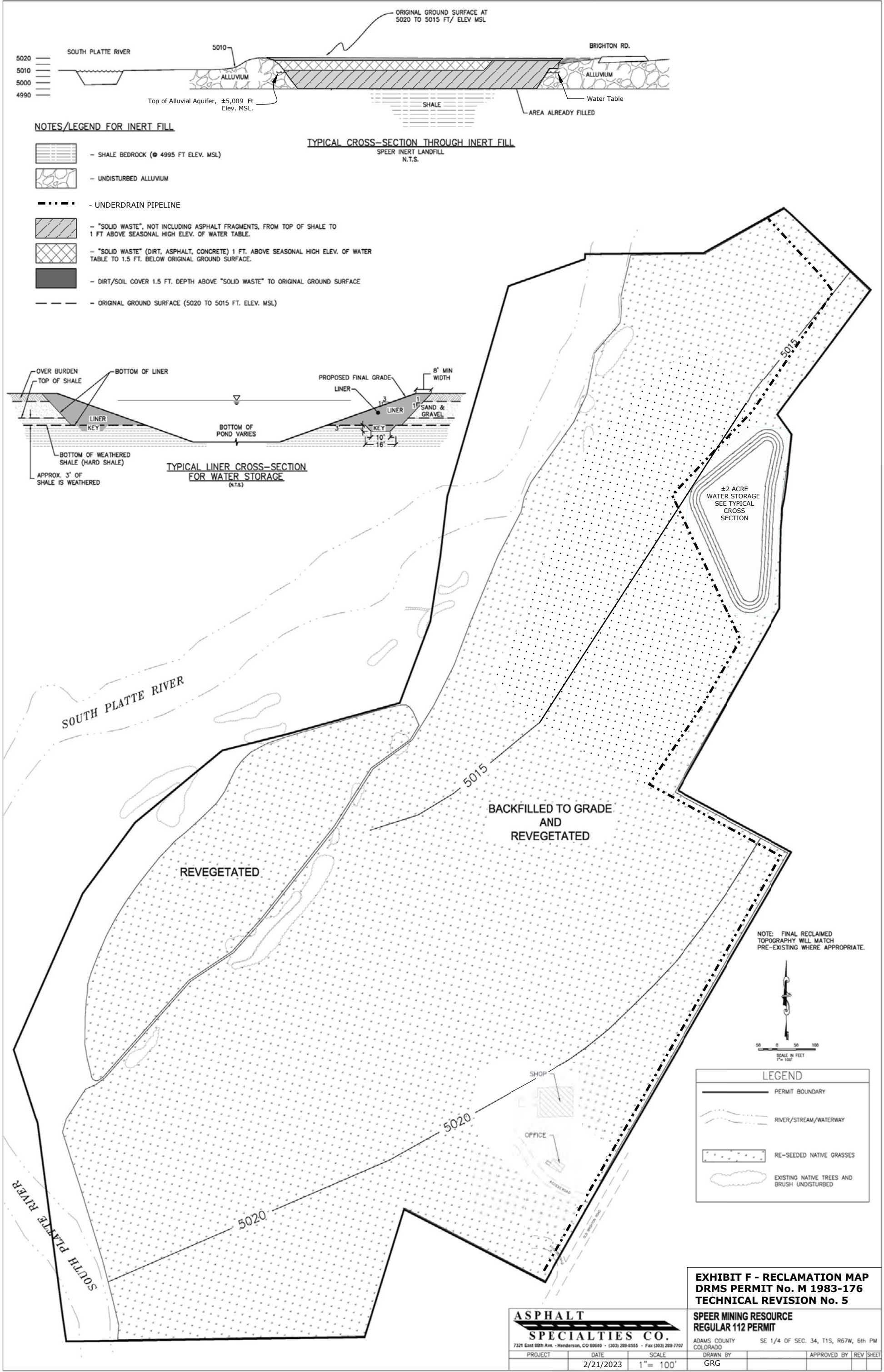
The revised Exhibit F – Reclamation Plan Map (attached) has been updated to reflect the changes listed above in Exhibit E – Reclamation Plan.

INFORMATION FOR UPDATING FINANCIAL WARRANTY

The current financial warranty/reclamation bond for Speer of \$678,169.00 was last updated in in 2017 by DRMS. This bond calculation was based on reclamation work required at that time which included backfilling, clay-lining a 7-acre pond, installation of the French drain, topsoiling, seeding, etc., but likely did not include removal of the truck scale concrete pad. DRMS will be re-calculating the required financial warranty for the site during its review of this Revised TR-05. For DRMS to re-calculate the bond number, the following dimensions for the truck scale concrete pad are being provided to calculate costs for demolition, removal, and disposal:

- Two (2) End Sections: 12 feet long x 12 feet wide x 8 inches thick (each)
- Middle section: 100 feet long x 12 feet wide x 1.5 feet thick

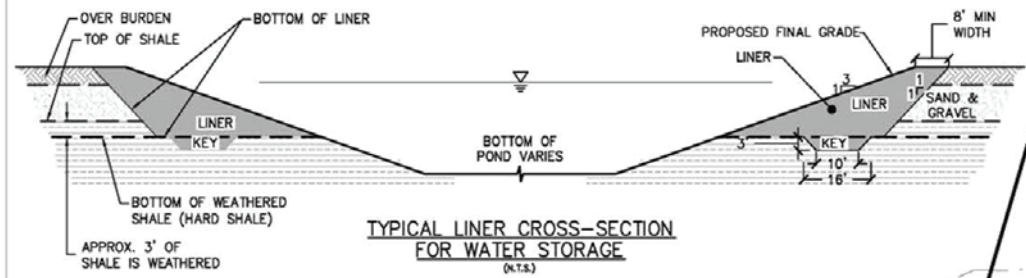
Given the changes to the reclamation plan since 2017 (e.g., approx. 2-acre pond to be clay-lined instead of 7-acre pond) and reclamation activities that have been completed since 2017 (e.g., the vast majority of backfill, French drain installation, grading, topsoiling, etc. have been completed), it is possible that the financial warranty/reclamation bond will decrease. However, if DRMS finds this amount to be higher than the currently held amount, ASCI will increase the surety within 60 days to meet the additional required financial warranty.



NOTES/LEGEND FOR INERT FILL

- SHALE BEDROCK (● 4995 FT ELEV. MSL)
- UNDISTURBED ALLUVIUM
- UNDERDRAIN PIPELINE
- "SOLID WASTE", NOT INCLUDING ASPHALT FRAGMENTS, FROM TOP OF SHALE TO 1 FT ABOVE SEASONAL HIGH ELEV. OF WATER TABLE.
- "SOLID WASTE" (DIRT, ASPHALT, CONCRETE) 1 FT. ABOVE SEASONAL HIGH ELEV. OF WATER TABLE TO 1.5 FT. BELOW ORIGINAL GROUND SURFACE.
- DIRT/SOIL COVER 1.5 FT. DEPTH ABOVE "SOLID WASTE" TO ORIGINAL GROUND SURFACE
- ORIGINAL GROUND SURFACE (5020 TO 5015 FT. ELEV. MSL)

TYPICAL CROSS-SECTION THROUGH INERT FILL
SPEER INERT LANDFILL
N.T.S.



LEGEND

- PERMIT BOUNDARY
- RIVER/STREAM/WATERWAY
- RE-SEED NATIVE GRASSES
- EXISTING NATIVE TREES AND BRUSH UNDISTURBED

EXHIBIT F - RECLAMATION MAP
DRMS PERMIT No. M 1983-176
TECHNICAL REVISION No. 5

SPEER MINING RESOURCE
REGULAR 112 PERMIT

ASPHALT
SPECIALTIES CO.
7321 East 88th Ave. • Henderson, CO 80640 • (303) 289-4555 • Fax (303) 289-7707

PROJECT	DATE	SCALE
	2/21/2023	1" = 100'

ADAMS COUNTY COLORADO SE 1/4 OF SEC. 34, T1S, R67W, 6th PM

DRAWN BY	APPROVED BY	REV SHEET
GRG		