



October 30, 2023

Ms. Amy Yeldell
Environmental Protection Specialist
Colorado Division of Reclamation, Mining and Safety
101 South 3rd, Suite 301
Grand Junction, CO 81501

RE: AMSO Permit P-2008-046 2023 Annual Report

Dear Ms. Yeldell:

Western Water & Land, Inc. (WWL), on behalf of American Shale Oil, LLC, has prepared the attached 2023 Annual Report for the RD&D Project Phase I, Permit P-2008-046. This submittal includes the report form, a reclamation map, and the required fee check.

AMSO ceased operations on April 1, 2016 and commenced with reclamation of the entire permitted area. Site wells were plugged and abandoned and surface facilities were demolished or salvaged and the site was regraded, seeded and fenced by November 23, 2016.

The total disturbed area of approximately 13.6 acres was under reclamation at the site on the anniversary date of October 18, 2022.. A formal request for release of the HB Pad and associated access road, an area of 1.41 acres, was submitted to DRMS on September 18, 2023 and DRMS granted release on October 18, 2023. The total remaining acreage under reclamation is 12.19 acres (see Figure 1).

During a site inspection that occurred in August 7, 2023, DRMS concluded that while vegetation is becoming well-established at the site, weed occurrence is significant in some areas, with the exception of the HB Pad and associated access road. Severe illegal cattle grazing that occurred in 2021 has contributed to the pervasive weed problem on the reclaimed acreage. Weed treatment is in progress.

WWL will continue to conduct reclamation inspections on a quarterly basis through 2024. A bond amount of \$46,789.00 remains in effect for the permit. If you require additional information, or would like to inspect the site, please contact me at (970) 242-0170.

Sincerely,

Bruce D. Smith
Principal Hydrogeologist
WESTERN WATER & LAND, INC.

cc: Avi Goldin, Genie Energy
Attachment

Applications in Earth Science

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