

August 27, 2018



Division of Reclamation, Mining & Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

Re: Annual Report and Fee – Permit No. M-1999-034  
Cooley Reservoir & Fulton Wildlife Area

Ladies and Gentlemen:

This letter is submitted by upload as “Additional Information” in response to items in the Division’s on-line annual report form for permit year ended August 28, 2018.

All mining within the boundaries of Cooley Reservoir & Fulton Wildlife Area Permit No. M-1999-034 was completed in previous years. Reclamation has been completed with the exception of removal of processing equipment. Flood restoration of previously reclaimed and completed reservoir areas is pending reservoir owner City of Thornton’s final design plans and construction.

With regard to responses provided on the annual report form, supplemental information is provided as follows:

**12. Number of acres to be reclaimed during next report year.** Response, 27.0 (approximate) is based upon removal of processing equipment from land identified on the reclamation map as Reclamation Phase 5 – Industrial.

**13. Total Acres in various states of reclamation:**

**Total acres backfilled:** Response, 86.9 (approximate), is based upon 25 acres in Phase 1B Wetland area backfilled and sloped for upland, wetland and pond creation or filled with fines for wetland creation, 7.4 acres of backfilling with fines for wetland creation in Phase 6 Jeronimus Property, and 54.5 acres backfilled and sloped or that were not mined but disturbed at original grade around Phases 2, 3 and 4 reservoirs.

**Total acres graded:** Response, 263.4 (approximate), is based upon 25 acres in Phase 1B Wetland area backfilled and sloped for upland, wetland and pond creation or filled with fines to wetland

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grades, 7.4 acres of backfilling with fines to wetland grades in Phase 6 Jeronimus Property, and 231 acres of Phases 2, 3 and 4 reservoir floors, slopes and adjacent land.

**Total acres seeded with approved mix:** Response, 68.0 (approximate), is based upon 25 acres upland and wetland in Phase 1B Wetland area and 43 acres on slopes and adjacent land of Phases 2, 3 and 4 reservoirs. With regard to "approved seed mix", it has been some time since the site was seeded and information as to exact mix used is difficult to locate, so the "truth and accuracy" of this response is limited. This detail of reporting was not required at the time of seeding so also cannot be found in previously filed reports.

**Seed application method:** Reported "NA" as this is unknown.

**Total acres fertilized:** Reported "0" since this is an unknown.

**Fertilizer application method:** Reported "NA" as this is unknown

**Total acres with topsoil replaced:** Response, 58 (approximate) based upon 43 acres on slopes and adjacent land of Phases 2, 3 and 4 reservoirs and 15 acres of slopes and upland areas of Phase 1B. It should be noted that fines ponds in Phase 1 B, totaling approximately 10 acres, do not require topsoiling as the fines material provides the appropriate medium for establishing wetland/riparian vegetation.

**Topsoil replacement depth:** Reported 6 inches as an estimate/assumption. Exact information is not available.

**Total acres mulched:** Reported "0" since this is an unknown. Information is not available.

**Mulch application rate:** Reported "0" since this is an unknown. Information is not available.

**Mulch application method:** Reported "NA". Information is not available.

**14. Weed control in accordance with approved plan.** Response "Yes"; however, it is noted that no mowing was done around City of Thornton's reservoir site in spring of 2018 as required by the Division's September 14, 2015 Second Adequacy Review of TR-04. Noxious weed control efforts around the reservoirs has been largely limited to mechanical means as Thornton prefers to not use chemicals; however, in spring of 2018, the City allowed chemical control. As mowing in previous years has been successful in achieving better establishment of re-vegetated areas around the reservoirs, it was determined by Aggregate's vegetation management contractor that spraying for noxious weeds would provide better control than mowing and enhance the overall revegetation efforts. Chemical applications were performed in May and June of 2018.

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Ultimately, the over-all weed control plan for the Cooley Reservoir Fulton Wildlife Area provides for both mechanical and chemical control. Aggregate therefore believes it is in compliance with the site's weed control plan.

If you have any questions, please contact me at (970) 396-5252

Very truly yours,

A handwritten signature in blue ink that reads "Connie N. Davis".

Connie N. Davis  
Land Manager