



STATE OF
COLORADO

Hays - DNR, Peter <peter.hays@state.co.us>

City of Golden, Empire Pit No. M-1977-534 Technical Revision No. 4 (TR-04)

1 message

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 Cc: "abeierle@cityofgolden.net" <abeierle@cityofgolden.net>

Fri, Sep 3, 2021 at 9:35 AM

To: Peter Hays, Environmental Protection Specialist
 Colorado Division of Reclamation Mining and Safety
 Department of Natural Resources
[1313 Sherman Street, Room 215](#)
[Denver, CO 80203](#)

Re: City of Golden, Empire Pit No. M-1977-534
 Technical Revision No. 4 (TR-04)

I am responding to the City of Golden TR-04 and have the following concerns:

1. "The low available water holding capacity is the primary limitation concerning the establishment and maintenance of plants. Special supplemental watering practices at planting time and early stages of growth are essential." According to the USDA Soil Conservation Service report on file for the area. What are these plans?
2. Why is it acceptable to leave the imported buried salt on the property? All the salt and asphalt should be removed. It will limit the root growth and pose a future liability for us.
3. The revision does not show plans for addressing the erosion on the road to the adjoining lower north property.
4. The revision does not state what successful measures of plant growth will be.
5. Topsoil and subsoil specifications should be listed, Example for gravelly sandy loam: Organic matter 3.5 %, Non Organic matter of 65% sand, 25% silt and 10% clay, bulk density of 1.4 grams per cc and 50% porosity all plus or minus 10%. "The Nature of Property of Soils," by Harry Buckman and Nyle Brady. What will be compaction and moisture content upon completion of the subsoil and topsoil?
6. All the weed and asphalt patches should be removed throughout the property.
7. The areas next to the contaminated areas need to be top-seeded to diversify the cover to

near the percentage

of the original seed mix. Also a mulch needs to be added to increase the organic content.

Then the area

needs to be aerated to incorporate the organic matter and increase the porosity of the top surface.

Sincerely,

Glenda Guanella

cc. Anne Beierle, City of Golden Reclamation 2021 Response to Revision