



STATE OF
COLORADO

Cazier - DNR, Tim <tim.cazier@state.co.us>

FW: M-1977-211 Adequacy Follow-up

1 message

Jerald Schnabel <Jerald_Schnabel@castleaggregate.com>
To: "Cazier - DNR, Tim" <tim.cazier@state.co.us>
Cc: "Kos, Paul (paul.kos@stantec.com)" <paul.kos@stantec.com>

Wed, Mar 4, 2020 at 2:15 PM

Tim

My response is attached to the seeding question. Hydro seeding a steep slope is the most likely method. The seed rate is greater but we know this can be completed successfully.

Jerry

From: Jerald Schnabel
Sent: Wednesday, March 04, 2020 2:00 PM
To: Kos, Paul (paul.kos@stantec.com)
Subject: FW: [EXTERNAL] M-1977-211 Adequacy Follow-up

From: Jerald Schnabel
Sent: Wednesday, March 04, 2020 1:55 PM
To: Kos, Paul (paul.kos@stantec.com)
Subject: RE: [EXTERNAL] M-1977-211 Adequacy Follow-up

As the Slope is built in lifts the slopes can be seeded in the sequence that will be completed in 30 to 50 foot vertical lifts. As the slope is dressed by small track skid steer loaders. The seed will be then broadcast using a hydro seeder with mulch and "tackifier" to spray seed on the outer slope of the 30-50 foot lift. As we begin the process an erosion control blanket can be rolled out on the surface by hand labor and anchored to the soil with metal staples. The method of construction equipment and materials to be delivered from the top of each lift until the next lift is ready to begin filling the slope higher.

Dressing the slope can also be accomplished by a cable and drag system where the drag or seeder is cabled to the track equipment and lowered and raised vertically across the slope to complete the seeding and erosion control. The erosion control blanket would still be installed by hand labor in the usual fashion.

The areas to be blanketed will be determined by the revegetation consultant. The areas to be reseeded will be completed by hand with a walk behind seeder and recovered to repair any failed areas.

From: Cazier - DNR, Tim [mailto:tim.cazier@state.co.us]
Sent: Wednesday, March 04, 2020 11:28 AM
To: Paul Kos
Cc: Jerald Schnabel; Michael Cunningham
Subject: [EXTERNAL] M-1977-211 Adequacy Follow-up

Paul,

I left voice messages for you on both your office and cell phones. We have one outstanding adequacy issue. Question 35a asked not only about erosion control for soil, but also how you intend to broadcast seed given the statement the terrain will be too steep for mulching. Please let me know ASAP how you envision broadcast seeding be accomplished on the steep slope.

Thanks!

Tim Cazier, P.E.

Environmental Protection Specialist III - Engineering



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