

STATE OF
COLORADO

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

Earthwork Update on the Lindner reclamation in Canon City

1 message

StanPetersPE@aol.com <StanPetersPE@aol.com>

Wed, Aug 30, 2017 at 7:17 PM

To: tim.cazier@state.co.us

Cc: travislindner@yahoo.com, pjessen@kaplankirsch.com, nhunt@kaplankirsch.com, mike@ccwre.com, dfriess@d2cad.com

Tim,

I was on-site yesterday for some issues before the Fremont County planning meeting Tuesday for the special use permit. I'm sending you pictures, (half in the email due to size), so you can see what I saw. My first word was WOW !!! It doesn't look like the same place we first met at. The Lindners and their contractors have done a great job in my opinion.

They were meeting with Western States Reclamation and anticipate seeding will be in late September, when the success rate is better. Steve Lindner asked if you could come down to look at the recently completed dirtwork, to see if there is anything you would need changed, before they seed it. So if you have time in your site visits south, please let us know. But I thought the pictures would help.

I checked the challenging northeast slopes while I was there with a hand level & tape. I got 3.6:1, 3.4, 2.8 at the high "point", 3.4 and 4.6; averaging 3.6:1. They ran into concrete there that was too tough to break up, so they pushed the toe the best they could. The 2.8 isn't over a wide area.

Some narrative of the pics. 2417-19 is from the NW corner, panning east to south.

20-22 are of the east slopes.

23 is a swale that was a "cove" of sorts before. They placed the concrete in the bottom for both erosion control and for an easy slope for elderly folks to walk down to the water's edge from the future picnic tables. Might also be a place to launch or dock small boats during picnics?

The only thing that may need to occur is to place some soil over the concrete riprap above waterline, for vegetation to grow into. They are having Western States do hydro-mulching along all of these taller slopes to help cut down on erosion, before the vegetation really takes hold.

Next email & pics . . .

7 attachments



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IMG_2418.JPG
2944K



IMG_2419.JPG
2395K



IMG_2420.JPG
2804K



IMG_2421.JPG
2231K



IMG_2422.JPG
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IMG_2423.JPG
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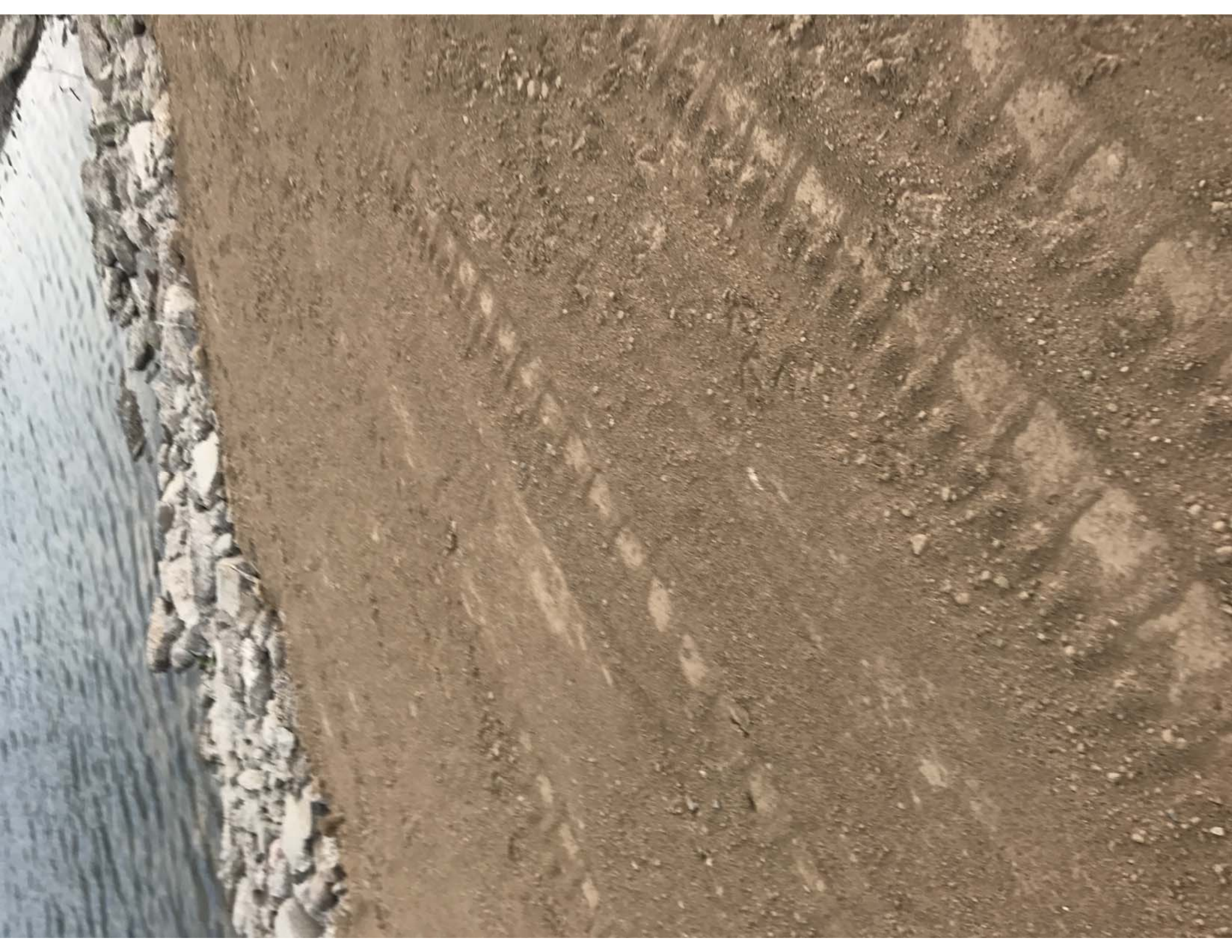












**STATE OF
COLORADO****Cazier - DNR, Tim <tim.cazier@state.co.us>**

Earthwork Update Email #2

1 message

StanPetersPE@aol.com <StanPetersPE@aol.com>

Wed, Aug 30, 2017 at 7:22 PM

To: tim.cazier@state.co.us

Cc: travislindner@yahoo.com, pjessen@kaplankirsch.com, nhunt@kaplankirsch.com, mike@ccwre.com, dfriess@d2cad.com

24&25 are of the southern slopes. The gravel in 24 is the beginning of their site access road, heading to the SE part of the low lands. They made the slopes mowable, by pulling the top of slope northward, and preserving the toe at the edge of the re-vegetated low area by the river. Then pushed soil down the slopes. They ran short of soil, so they imported like-soil (excess) from what Fremont Paving had stockpiled for reclamation at their pit just south of the river.

26 is taken from the south-center, looking north to the shop.

27 shows a little hump in the southern slope, at the SW, near the bridge. They ran into a large concrete foundation of sorts, too large to break up or move. So they sloped dirt over it, down to the toe they didn't go past (into the approved, reclaimed low areas). I measured it at 2.5:1, but its only about 20' wide. Western States said they could drill seed most of it from the top, and hand seed the bottom.

They cut a shallow swale with a blade, north to south, aligned with the transistion of gravel parking areas and the reclamation seed area to the east. Photos 28&29. After the seeding occurs, they or Western States will install some shallow rock dams in the flowline, every 10-15' to cut down on erosion, but able to straddle for mowing.

That's your photo-update for now. Pleawse let us know if something else is needed before seeding.

Thanks,
Stan

PS : I've CC'd others on the consulting team, since they might not get down to see it. I'm anxious to see it late next spring. Polly - can you also forward these to Steve Monson? I can't seem to find his email tonight. Thx.

6 attachments



IMG_2424.JPG
2651K



IMG_2425.JPG
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IMG_2426.JPG
2125K



IMG_2427.JPG
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IMG_2429.JPG
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