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Colorado Springs, CO 80907
719-659-6129

To: Ryan Todd – rtodd@wonderlandhomes.com
From: Brian Garber, Vice President- EarthX Environmental
cc:
Date: 7/19/22
Re: Observation following stormevent

I was onsite today towards the end of this afternoons rather impressive storm event. I noted at that time that the water coming to the two inlets on the east side of Saddle Iron Road were inundated with stormwater containing a significant amount of sediment. Additionally, I observed that there was a significant amount of water standing behind the silt fence at the back of the curb at the northern most inlet. I also believe a significant amount of water washed over the back of the curb south of the inlets, near the fire hydrant where a short piece of black fabric wattle is installed.

When I reached the first house, and the edge of your permitted area, the source was obvious. As the attached picture log shows, the access road at the top of the slope behind your lots was carrying a significant water volume from the south to the north. This water then ran off the slope at the rear of your lot. Some of which ran across the corner of the lot and some of which ran directly along the foundation of the first house.

I do not believe this is an upset or bypass condition which would be reportable as part of Wonderland Homes permit requirements. However, to prevent further issues I would recommend taking the following steps:

Reinstall silt fence on the side and at the rear of the lot. This was removed to allow access to the initial retaining wall work. However, it is in Wonderland's best interest to reinstall the silt fence at this time. I have attached a map showing the location and a suggested angle at which to install the siltfence to lessen repeat occurrences. I would also recommend using either a reinforced silt fence product or installing rock or wattle check dams (NOT silt fence "j-hooks") on the up gradient side of this section of the silt fence to prevent scouring of soils during future stormevents.

Additionally, I would suggest contacting the developer and requesting that they install a diversion or slope drain to prevent water from running down the slope and onto your property. While it does not directly impact your permitted area, additional control measure in the area between your property line and the inlets to the north would be useful in preventing a repeat of today's discharge.

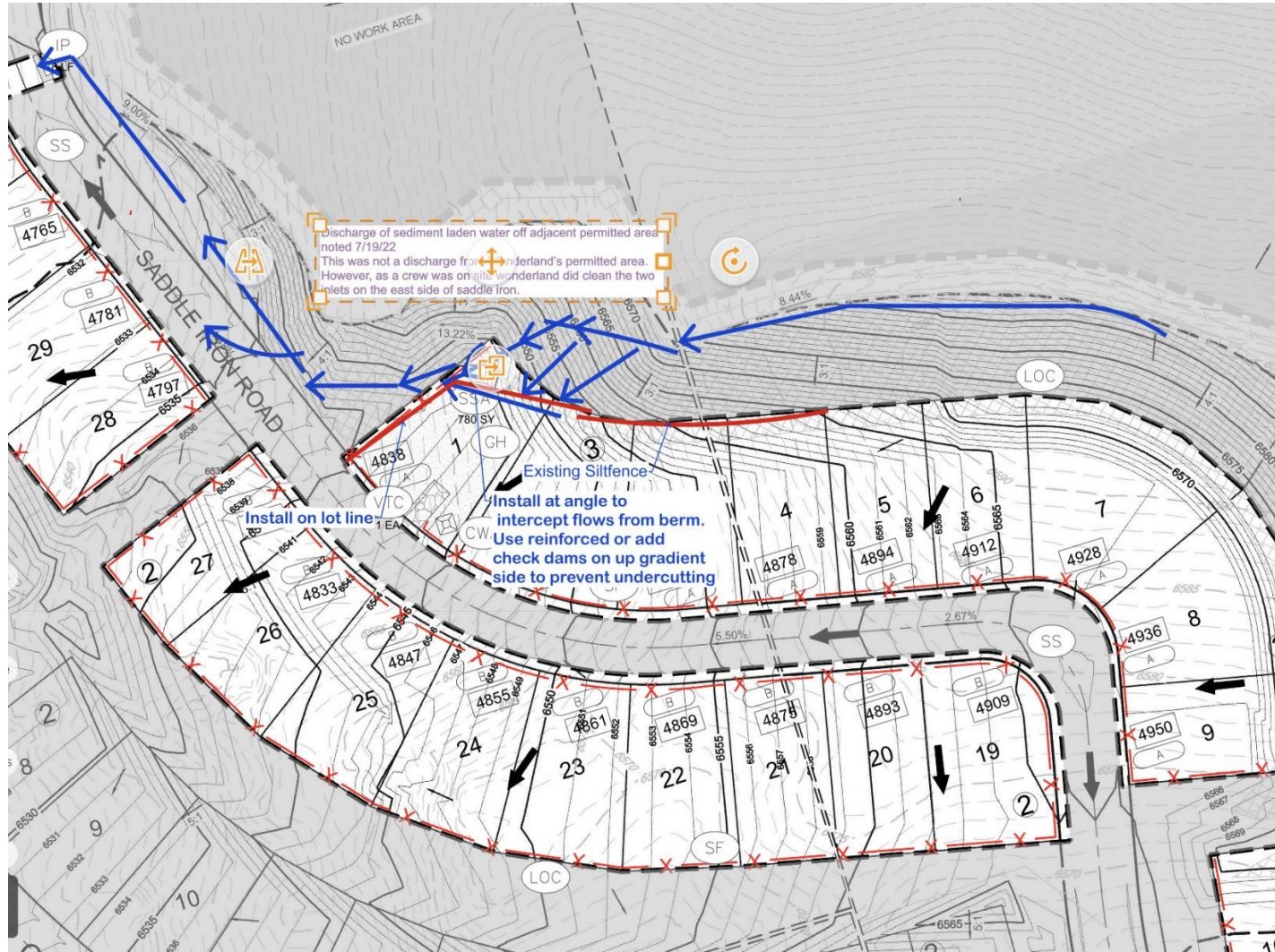
I am requesting my staff to add the silt fence installation to today's inspection report. Additionally this memo will be uploaded to the other documentation section of your swamp plan as a record of the event and that any discharges from this location were not the responsibility of Wonderland Homes.

See attached map and photo logs.

MAP & PHOTOS STORM EVEN CONDITIONS

Site: Montaine

Storm event 7/19/22



Site: Montaine

Storm event 7/19/22



Description: RETAINING WALL ACCESS ROAD WATER FLOWING SE TO NW



Description: WATER FLOWING OFF HILL THROUGH LOT.



Description: WATER FLOWING OFF HILL TO EINDOW WELLS



Description:

Site: Montaine

Storm event 7/19/22



Description: SEDIMENTATION AT FIRST INLET



Description: SECOND INLET BEING CLEANED.

Description:

Description: