

# State of Oregon

## Department of Environmental Quality Memorandum

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September 23, 2020

**Subject:** DEQ accepts the results of the Non-Hazardous Waste Determination for Investigation Derived Waste. East Multnomah County Troutdale Sandstone Aquifer Remedy. 2525 NE 201st Ave. Gresham, Oregon. (ECSI #1479)

**To:** Cindy Bartlett, Geosyntec Consultants

**From:** Kenneth Thiessen, NWR Cleanup Program

**Through:** Paul Seidel, NWR Cleanup Section Manager

DEQ accepts the results of the hazardous waste determination that Geosyntec conducted for investigation-derived waste (IDW) produced as drill cuttings from construction of four new soil borings.

Trichloroethylene (TCE) is the risk driver for the East Multnomah County Troutdale Sandstone Aquifer Remedy. Potentially applicable waste codes that could apply to this waste would be F001 or F002, for waste related to historical parts degreasing using TCE.

The IDW soil is in a roll-off bin and drums and is temporarily stored at 2525 NE 201st Ave. Two multi-part composite samples were analysed for VOCs by U.S. Environmental Protection Agency (EPA) Method 8260D and RCRA 8 metals by EPA Method 6010B/7470. One sample was additionally analysed by Method 1311 TCLP Extraction.

Based on analytical results, neither trichloroethylene (TCE), nor any site-related VOCs were detected in the IDW. The soil sample from the roll-off box contained 105 mg/kg of chromium. Due to this higher concentration of chromium, this sample was further analysed by TCLP extraction. Chromium was not detected in the leachate.

Geosyntec has determined that the IDW is non-hazardous and the waste profiles have been accepted by Waste Management for disposal at the Hillsboro Landfill (roll off box) and by Republic Services for disposal at the Roosevelt Landfill (soil drums).

### **References:**

Sept. 16, 2020. TSA Well Drilling Soil IDW– Investigation Derived Waste Non-Hazardous Determination Request, East Multnomah County Troutdale Sandstone Aquifer Remedy (ECSI No. 1479) Fairview, Oregon.

Waste Management Hillsboro Landfill Non Haz Approval, profile 133883OR

**Cc:**

Audrey O'Brien, Manager, DEQ Environmental Partnerships

Jay Collins, DEQ Hazardous Waste Inspector