



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

*Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000
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April 21, 2020

Marisa Floyd
Reserve Silica Corporation
20 First Plaza Center NW, Ste 308
Albuquerque, NM 87102

**Re: March 2020 Fuel Spill Response and Cleanup, Reserve Silica Corp., Ravensdale, Washington, Dated April 9, 2020
Ecology ERTS# 696994**

Dear Mrs. Floyd:

The Washington State Department of Ecology (Ecology) reviewed the above referenced report for Environmental Incident Report Form (ERTS) #696994.

Background

On Thursday, March 5, 2020, a dump truck crashed into the stormwater ditch near the mine portal at the Reserve Silica Reclamation Site in Ravensdale, Washington. The truck fuel line ruptured and spilled an estimated 25 to 50 gallons of diesel fuel onto the ground surface. The stormwater ditch collects surface water runoff alongside the road, which flows through a culvert and discharges on the other side of the road. No fuel was seen in or on the surface water because of the spill.

Reserve Silica responded quickly with absorbent socks and pads: Washington State Department of Ecology (Ecology) Spill Preparedness and Response Program responded as well. On the following day, a berm was constructed to prevent any fuel from reaching the stormwater ditch, and the truck was towed out of the ditch. Cleanup was conducted March 6-7, with additional sampling completed on March 12, 2020. Approximately 32 tons of diesel-impacted soil was removed and 1,600 gallons of diesel and water were transported offsite and disposed of at PRS in Tacoma Washington.

A total of five confirmation sidewall samples and two confirmation bottom samples were collected. Samples were analyzed for Total Petroleum Hydrocarbons (TPH) as diesel (TPH-D) and motor oil (TPH-O) using Method NWTPH-Dx (NWTPH-Dx). One surface water sample was also analyzed for NWTPH-Dx.

Confirmation soil samples SW-1 and SW-2 collected on the northeast sidewall alongside the ditch contained motor oil-range hydrocarbons above the MTCA Method A soil cleanup level; however, the chromatographs were consistent with the recycled asphalt pavement present at the Site. Motor oil-range hydrocarbons, with a chromatograph consistent with asphalt, were also detected below the MTCA Method A soil cleanup level in sediment sample SS-1 collect from the ditch upstream of the spill in an un-impacted area.

The other three sidewall and two bottom confirmation soil sample results were below the Ecology Model Toxics Control Act (MTCA) Method A Soil Cleanup Level of 2,000 mg/kg combined TPH-diesel and motor oil.

The surface water sample did not detect TPH-D or TPH-O above laboratory reporting limits.

Ecology Opinion

Ecology has determined that the spill was successfully cleaned up. We will work to close out ERTS # 696994. Feel free to contact me at tim.oconnor@ecy.wa.gov or (425) 649-7051 or Alan Noell at alan.noell@ecy.wa.gov or (425) 649-7015 if you have any questions.

Sincerely,



Tim O'Connor, L.G, L.H.G
Solid Waste Management Program
425-649-7051
tim.oconnor@ecy.wa.gov

cc: Alan Noell, Ecology, Solid Waste Management Program
Peter Christiansen, Ecology, Solid Waste Management Program