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RE **Soil Testing Activities- Update**
Malibu Middle High School Campus
FACS# PJ40247

Forensic Analytical Consulting Services (FACS), on behalf of Santa Monica – Malibu Unified School District (District) has performed soil sampling at the Malibu High School Campus to address the soil sampling after the Woolsey Fire on November 2018.

Site History and Background

In November 2018, the Campus soil was affected by deposits of soot and ashes from the Woolsey Fire. Additionally, the Campus also experienced mudflow after rain events, following the Fire, that entered the campus from Clover Heights onto the softball fields, baseball infield, and auxiliary field and tennis courts.

Field Activities

On December 15, 2018, FACS collected surface soil samples in the playfields that were in the burn area but were not directly affected by the fire or mudflow. Additionally, on December 21, 2018, one-foot soil samples were collected in the playfields that were in the burn area and were directly affected by the mud flow from off campus.

The samples were analyzed to determine the hazardous nature of the soil for California Administrative Metals (CAM), Volatile Organic Compounds, Polychlorinated Biphenyl, and Total Petroleum Hydrocarbons. Additional samples were collected for pH, conductivity, and grain size distribution to develop site-specific soil erosion preventative measures.

On January 4, 2019, District staff reviewed the analytical results with a California licensed Professional Geologist from FACS. The soil and mud in the playfields do not contain any hazardous materials on the surface or immediately beneath the soil. The sampling included the football field and baseball outfields that are currently in use, along with the upper fields where mud has flowed down from off site. No additional testing is recommended, at this time.

Next Steps

FACS recommends that soil erosion preventative measures be implemented to address any future potential contamination. Any residual soil should be managed by a site-specific Operation and Maintenance plan. The soil sampling completion report will be submitted to the District by the end of this week. The report will discuss in detail the field sampling activities, analytical results, and the recommended next steps.