

Using the INVALCO HSS 1006 to Monitor Wastewater in Airport Applications

Situation

The on-site tank farm and remote storage facilities for jet fuels routinely have fuel dripping onto the ground from pumps, valves, and filling operations. This is not unusual and a gravity flow separator is typically used to clean up the run-off. Environmental compliance is especially important since airports are more susceptible to groundwater contamination and watched closely.

Solution

The INVALCO HSS 1006 was ideal to monitor continuously for ppm levels of fuels in the wastewater.

A pump was supplied to draw a water sample from the clean water of below ground oily water separator. It flowed through the HSS 1006 and free flowed back in the separator.

A 4-20 mA signal was sent to the main control room at the operations building where ppm levels were continuously logged with alarm setpoints. Routine samples were still sent to a lab to verify the instrument calibration and support the logged readings.

The airport has the confidence of controlling their wastewaters with due diligence and safety for the environment.

INVALCO Equipment

- HSS 1006



Application Drawing

