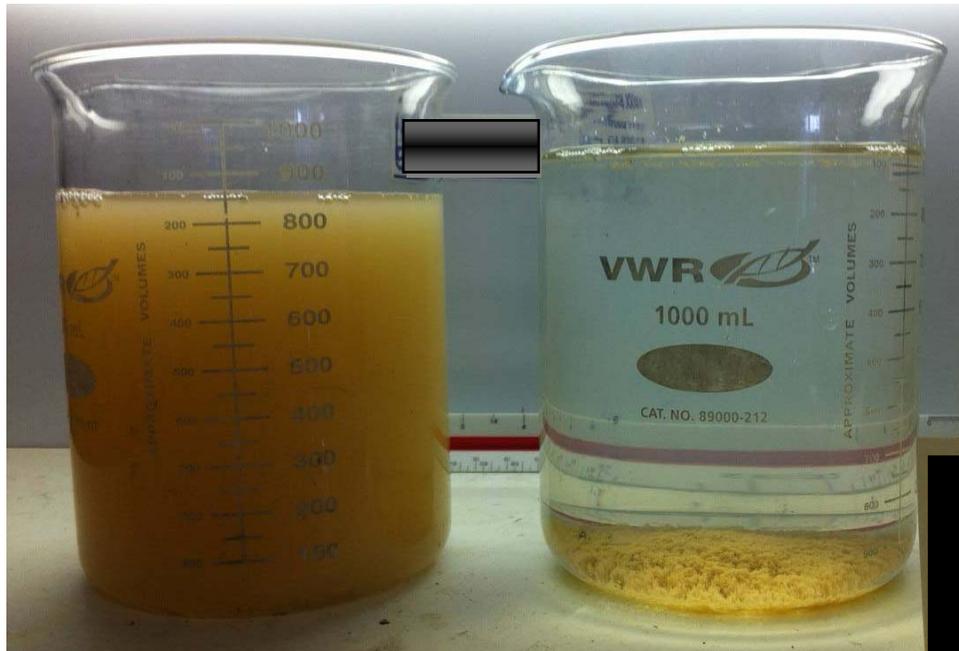


# innovative turf solutions

## Landfill Treatability



Untreated

Treated

Innovative Turf Solutions determined that the water from a County Landfill could be treated effectively with Floc-06. The sample water was treated with 1.5 grams of Flo-06 in 1 liter of water which equated to approximately 1.25 lbs. of Floc-06 in 1,000 gallons of water. The suspended solids in the untreated water was 948 ppm. After treatment with Floc-06 the TSS was measured at 18 ppm.

\*\*3,750 lbs. of the Floc product will be required at this dosage rate to treat the initial 3,000,000 gallons of water. The PH tested out at 7.5. With the proposed pump operating at about 750 gpm, it will take approximately three days to treat the 3 million gallons of water in Basins 1 and 2. TSS at discharge point (off of main basins) measured at 72 ppm before basin treatment of 948 ppm.

Constituant	Before Treatment (outfall)	After Treatment (outfall)
TSS	72 ppm	3.1 ppm
Copper	.013 ppm	ND
Selenium	.010 ppm	ND
PH	8.25	7.5

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