

# innovative turf solutions

## MSD Muddy Fork Project December 14, 2015

1-50 lb. bag of FLOC was dosed into the basin as water volume was estimated at 50,000 gallons and based on 1 lb. of FLOC per gallon of water.

A re-circulation pump was used for the application where the FLOC product was dosed manually into the water stream from the re-circulation pump hose and agitated with the re-certification pump to provide for a forceful spray pattern. Application time was 10:49 a.m.

The contractors were able to remove the containers they were using to store the dirty water from the excavation process to filter and settle out the contaminants which took days with no real water clarity for discharge into the creek.



Site Excavating Operation



Discharge Water to Basin

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Discharge into creek before FLOC application.

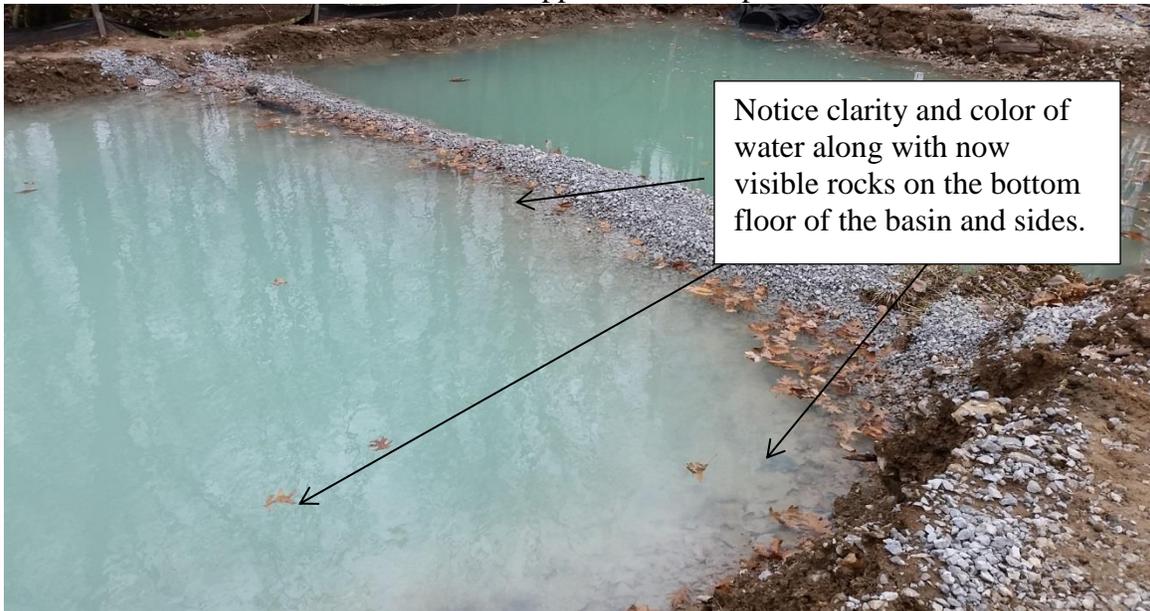


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Before FLOC application, 10:48 a.m.

After FLOC Application 1:52 p.m.



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Before FLOC Application 10:48 a.m.



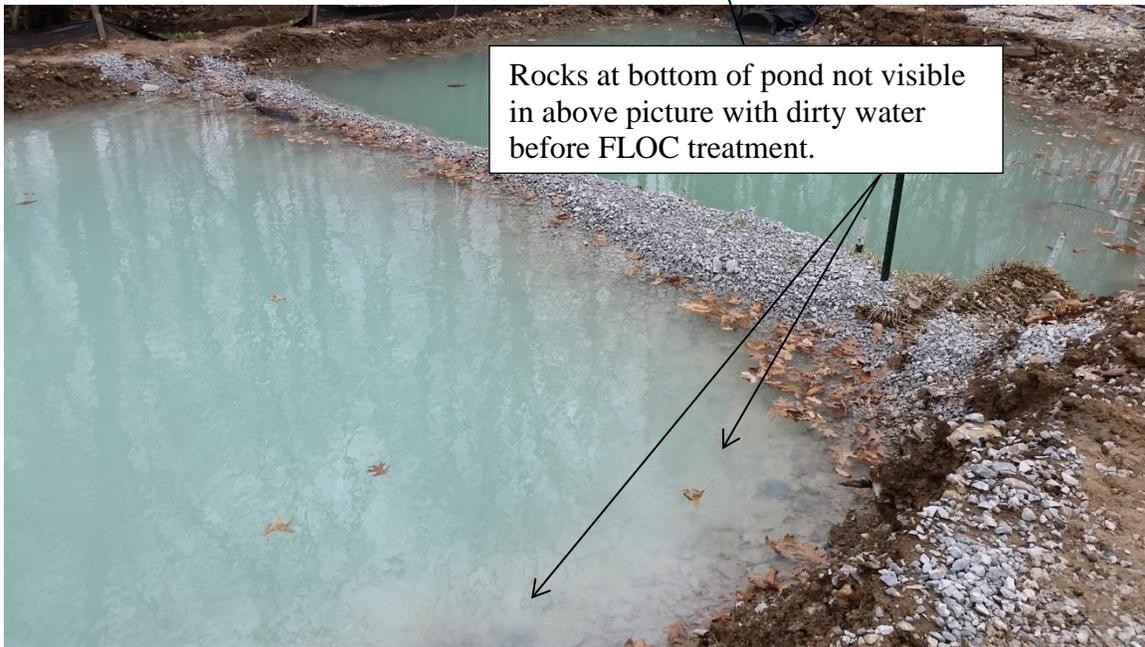
After FLOC Application 1:52 p.m.

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Before FLOC Application 10:48 a.m.



Rocks at bottom of pond not visible in above picture with dirty water before FLOC treatment.



After FLOC Application 1:52 p.m.

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Before FLOC treatment 10:48 a.m.

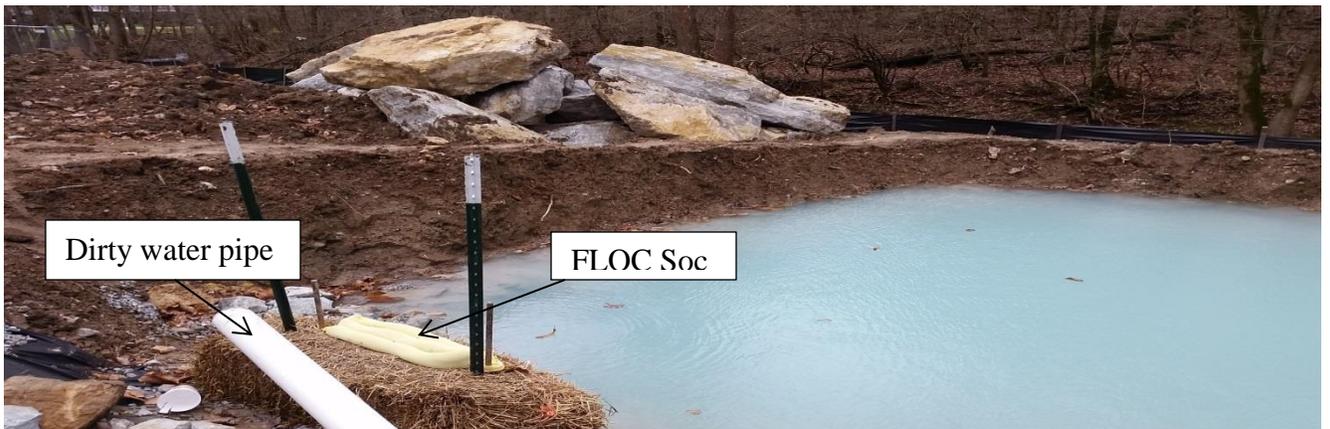


After FLOC treatment 1:52 p.m.

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Water now draining from last baffle area clear at 11:14 a.m. .5 hours after FLOC application.  
(Discharge pipe into creek)



**Maintenance:** FLOC Soc now being used to dose the FLOC into the basin instead of hand dosing. The dirty water being pumped into the basin comes out the white pipe directly onto the FLOC Soc releasing the FLOC slowly out of the FLOC Soc.