

Preferred Sand FLOC™ Demo
Genoa, Nebraska
March, 2017

14-50# bags of FLOC™ 05 were hand dispersed through a re-circulation pump into the stormwater pond where Preferred Sands' two scrubber effluent water discharges into.



Flocculation occurred within 30 minutes or less, with clarity to the bottom of the pond.



Water clarity(TSS) before FLOCTM application



Clarity of water(TSS) after FLOCTM application



FLOC™ 05 was applied through re-circulation pump at $\frac{3}{4}$ # per 1,000 gallons.

Temporary/Permanent applications of FLOC™ can be applied through any one of 3 pieces of equipment manufactured by Neptune Wheelwash depending on flow rate desired and desire to replace sediment basin as could be done with the Dual Scraper Conveyor:

- Dry Flocculant Mixing Tank
- 3,500 Gallon Tank
- Water Clarification Tank (Dual Scraper Conveyor)