



CASE STUDY

BIG BOX RETAIL CENTER

LOCATION:	TAMPA, FLORIDA
PRODUCT:	FLOCTOPUS MANIFOLD
INSTALLATION DATE:	SEPTEMBER 2010
APPLICATION:	TURBIDITY REDUCTION

Problem:

Existing contaminated pond was required to be lined during construction. Dewatering of the pond was necessary to facilitate liner installation. The NTU reading of the turbid pond water was 130, which is well above acceptable discharge limits.

Solution:

The contractor, looking for a solution, contacted R. H. Moore & Associates, Inc. of Tampa. After a site visit and water testing, an R. H. Moore associate recommended using a combination of APS 703D#3 and 706B Floc Logs to reduce the turbidity and bring the NTU levels into compliance. Due to space constraints, the water needed to be cleaned within the pond and then pumped off-site. R. H. Moore recommended the use of an Eco-Pond Floctopus manifold system to mix and introduce the Floc Logs into the water for turbidity reduction. The manifold system would allow the contractor to continue working on other aspects of site construction, while the water was being clarified. The pH was also being naturally adjusted by air introduction through a patented venturi system that is incorporated into the manifold.

A 4" pump recirculated the turbid pond water through the manifold system. After 20 hours of runtime, the water was tested and the resulting NTU reading was at a 6, allowing the water to be discharged properly without the concern of a fine.

