
LAKE SEMINOLE ALUM PROJECT MAY 28, 2009 SITE VISIT PICTURES

The Construction Phase of the Lake Seminole alum project is in progress. For the in-lake treatment area (Basin 1) on the northern-most part of the lake, the contractor is close to completing the installation of the permanent sheet piles and is dredging the area confined by the sheet piles to add capacity to the treatment area. Construction of the trough for the Bypass Canal treatment area is also proceeding.



1. The in-lake alum treatment area, looking northwest. The suction dredge barge is in the center of the picture. To the right, the excavator can be seen removing the dredged sediment from the temporary settling area.



2. The in-lake alum treatment area, looking west. The suction dredge barge is on the left side of the picture. To the right, the excavator can be seen removing the dredged sediment from the temporary settling area.



3. The in-lake alum treatment area, looking southwest. In the foreground is the temporary sediment settling area. In the background is the suction dredge barge.



4. The in-lake alum treatment area, looking west, during the dredging process. In the foreground is the temporary sheet pile for the settling area. In the background is the excavator removing previously dredged sediment from the settling area.



5. The in-lake alum treatment area, looking west over during the dredging process. Dredged material is being loaded onto a truck to be transported to the drying area and then later removed.



6. Looking east at the alum storage building which will provide alum to both the in-lake and bypass canal treatment systems.



7. Bypass canal treatment trough, looking northwest. In the foreground is the treatment trough that will flow to the southeast from near the alum building in the background.



8. Bypass canal treatment trough, looking west. This system is designed to allow the treated water to flow through the trough and have the sediment fall out before the cleaned water is returned to the lake or canal.



9. The bypass canal treatment trough during construction, looking east.



10. Looking down into a section of the bypass canal treatment trough.



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Lake Seminole Alum Injection

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11. Aerial Photograph of the project areas taken on March 25, 2009. Looking toward the east, the in-lake treatment area is in the foreground and the bypass canal treatment area is in the background. The floating turbidity-control booms can be seen surrounding the work area.



2008 Aerial with Photo Locations

3-5

6, 9-10

1-2

7-8