

Brian Kling

From: Longacker, Warren [Warren.Longacker@ogs.state.ny.us]
Sent: Friday, October 08, 2010 4:33 PM
To: bkling@clean-flo.com
Subject: RE: Cossackie aeration
Attachments: Scan001.PDF

Brian:

Attached is a scan of the reservoir at Cossackie correctional. I have outlined two areas near the dam and storage/aeration building where we still have significant weed growth. When I was down to the site two weeks ago it appeared that the first diffuser is located further from the shore than initially designed so this could be contributing to the problem.

We would like to consider installing at least one and or two additional diffusers in this are to better control the weed growth. First does this seem feasible and secondly would the compressor we have in operation be capable of handling another two diffusers. Please advise.

Again, as previously mentioned, the aeration system did a fantastic job this summer and the reservoir is far cleaner now than in previous years. Also, with the drought we have experienced in the northeast this summer the water never carried over the spillway. If the system was not in operation this summer we would have had monumental problems in being able to satisfactorily treat the water and achieve compliance with the DOH regulations.

Warren

From: Brian Kling [mailto:bkling@clean-flo.com]
Sent: Friday, September 03, 2010 2:38 PM
To: Longacker, Warren
Subject: RE: Cossackie aeration

I look forward to hearing from you after your visit. Thanks Warren.

Brian Kling, PE
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Experts in Water Quality

From: Longacker, Warren [mailto:Warren.Longacker@ogs.state.ny.us]
Sent: Friday, September 03, 2010 1:40 PM
To: bkling@clean-flo.com
Subject: RE: Cossackie aeration

Hey Brian;

I haven't been down to the facility this summer but hope to get down sometime in September. The system was installed and put in operation last spring. There were a few problems with the diffusers at the one end of the lake during June but the contractor addressed the problem and everything has been working fine. I've heard of no complaints.

When I get down to see the operator I expect to visit the reservoir and I want to review the raw water quality for the past couple of months and compare this with last year's data. With the extreme heat we had this summer had we not installed this system I'm sure they would have been faced with an extremely severe algae problem this year.

I'll send you an e-mail later this month and provide you with an update.

Also, thanks for all your help and assistance with this project.

Warren

From: Brian Kling [mailto:bkling@clean-flo.com]

Sent: Friday, September 03, 2010 11:20 AM

To: Longacker, Warren

Subject: Cocksackie aeration

Hi Warren,

Since we are coming to the end of summer I wanted to touch base with you to see how they made out in Cocksackie regarding water quality improvements. Can you provide any information with regard to that?

Thanks,

Brian Kling, PE
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