



Christopher  
Lux/Waukegan/EMG/EIX  
03/27/2013 03:55 PM

To William Gaynor/Powerton/EMG/EIX@EME  
Amy Hanrahan/Bolingbrook/EMG/EIX@EME, Jeffrey  
cc Kickert/Powerton/EMG/EIX@EME, John  
Roark/RoarkandAssociates/Powerton/EMG/EIX@EME,

bcc

Subject

Bill-

We had ground water issues at Waukegan during our ash pond liner replacements and had to install drain tile (basically vacuum hose will holes in it) covered in small trenches feeding back to a main sump location where the pump was located. This kept floor of pond dry enough to grade, install liner over the top of drain tile, working the way back to sump location and pumping water entire time until ready to pull out pump out and seal up liner in sump location. I believe we even had install most of our sand cover over the liner before we pulled sump out to help hold down liner when the pumping stopped. I will look for some pictures tomorrow just for reference and send if I can find.

Regarding the east slope, perhaps you will find that the liner bulged/rolled that way because you lost your slope soil under the liner and the sludge pushed the liner back/under forming the bulge we see in the pictures. Once the remaining sludge is removed you may find the liner is still there tied into the floor liner.

Chris Lux  
Maintenance Manager  
Waukegan Station  
(847) 599-2214

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