

From: Glen Pugh [Glen.Pugh@state.tn.us]

Sent: Tuesday, February 24, 2009 3:20 PM

To: Welborn.Tom@epa.gov; Doug Johnson; Steven Alexander; Ron.E.Gatlin@lrn02.usace.army.mil; William.L.James@lrn02.usace.army.mil; Paul Sloan; Chuck.Head@state.tn.us; Glen.Pugh@state.tn.us; Mike.Apple@state.tn.us; Paul.Schmierbach@state.tn.us; Saya.Qualls@state.tn.us; Paul.Estill.Davis@state.tn.us; Anderson, Cynthia M; Jeffery Steevens; Bradley.N.Bishop@usace.army.mil

Cc: GEOSYNTEC CONSULTANTS INC; Moebes, John; Philip Davis; Ray, Anda Andrews; Snider, Barry S; McCowan, Cynthia Webb; Signer, Gregory R; Rucker, Helen G; Incident.Documentation; Dizer, John E Jr; Johnson, Linden Printz; Scott, Michael T; Carriker, Neil E; Hall, Ronald C; Deacy, Robert Martin Sr; Hope, Robert Timothy; Behlau, Warren P

Subject: Re: KIF Ash Processing Area Wick Drains

hello Cynthia

We have reviewed the conceptual design

TDEC is in agreement to begin wick drain installation in the ball field area. We understand that there will be a final stability analysis for this area to support the spacing of the wick drains.

Glen

>>> "Anderson, Cynthia M" <cmanderson@tva.gov> 2/21/2009 2:59 PM >>>

Good Afternoon,

Attached is TVA's request to install prefabricated vertical drains (PVD or wick drains) in the Ash Processing area. The subsurface conditions and stability in this area can be enhanced by the installation of wick drains. Geosyntec, in conjunction with AECOM, has suggested the use of these drains. AECOM has reviewed this document and is comfortable with the general concepts presented both for the use of wick drains and the additional subsurface monitoring. The final stability analysis of the area is not complete yet, but will be completed very soon. At that time TVA will present final design placement of the wick drains and present the stability analysis results. The site preparation of this area is critical path for commencement of Emory River dredging activities. TVA has procured the services of a wick drain contractor and would like to begin installing wick drains in the Ash Processing area on February 26, 2009. The installation of the wick drains will not interfere with our previous agreement to place a demarcation layer of geotextiles and limestone between the existing subsurface and dredged materials. Neither will TVA exceed our stack height limit of 8 feet until the results of the stability analysis are presented to TDEC for your review and consideration.

Your timely review and acceptance of the requested use of wick drains is greatly appreciated. Hard copies of these documents have already been placed in the mail to you. Please call John Dizer at 423.751.7636 or me at 423.871.1666 to discuss. We will be glad to set up a conference call or a visit to review the wick drain concept and implementation.

Thank you,

Cynthia M. Anderson

Manager- Water and Waste Programs

TVA

1101 Market Street, LP 5D-C

Chattanooga, TN 37402

423.751.4878 (office)

[423.871.1666](tel:423.871.1666) (cell)

cmanderson@tva.gov

