

Environmental Microsoft Outlook

File Edit View Go Tools Actions Help

Type a question for help

New Reply Reply to All Forward Send/Receive Find Type a contact to find

Back Messages

Sensitive

**Mail**

Favorite Folders

- Inbox (6)
- Unread Mail
- For Follow Up
- Sent Items

All Mail Folders

- KIF FGD
- KIF PRB Fuel Switch
- KIF Projects
- KIF Projects - Ash
- Deleted Items
- KIF450 (Gypsum)
  - KIF530 (Develop Flyash, Gypsum, and bottom ash)
    - Budget
    - Design
    - Environmental
    - Meeting Agendas and Notes
    - Meetings
    - Parsons
    - Peer Review
    - Pond vs Peninsula
    - Roles and Responsibilities
    - Scope
  - KIF531 (Replace Kennedy Weir)
    - Other
    - Progress Reports
    - Search Folders
- KIF Projects - Closed
- KIF Projects - General Information
- ITE SCP 110 (115538)

23 Items

**Environmental**

Arranged By: Date Newest on top

Older

Bowers, Larry C	06/13/2005
FW: Notice of Completeness KIF In Pond HydroGeo R... Sorry, Just left you off. -----Original Message----- From: Bowers, Larry C	
Petty, Harold L.	05/31/2005
FW: NOC TNP 190526 - Kingfisher Ash Pond - Dredg... Here is confirmation that Lindy received the NOC (stormwater construction permit) from the state for the KIF Dredge Cell Restoration Project last week.	
Haber, Stanley M.	05/16/2005
KIF530 (French Drains): State of TN Letter For your information. Stan <end>	
Campbell, Linda F.	05/16/2005
RE: TDEC's Approval of KIF Dredge Cell Repair Hey Larry and Larry, I'm a bit concerned that all the obligations associated with the ash pond can not be met in a timely manner.	
Bowers, Larry C	05/13/2005
TDEC's Approval of KIF Dredge Cell Repair We have received TDEC's approval of our solid waste permit minor modification request. However TDEC has placed two conditions on that approval that where	
Petty, Harold L.	04/25/2005
RE: update on KIF Notice of Intent (NOI) Thanks for your help! HED will be the constructor on this project. Larry Radford and Robert Knox have been involved and I	
Hughes, Michael	04/18/2005
FW: cec 9511 FYI..... -----Original Message-----	

**FW: Notice of Completeness KIF In Pond HydroGeo Report**

Bowers, Larry C

To: Haber, Stanley M.

Sorry, Just left you off.

-----Original Message-----

**From:** Bowers, Larry C  
**Sent:** Monday, June 13, 2005 4:16 PM  
**To:** Nuyt, Gary M.; Deskins, Earl L; Myers, Thomas J.; Campbell, Linda F.; Petty, Harold L.; Purkey, Ronald E.; Baugh, James S.; Hedgecoth, Melissa A.; Miller, Evelyn C.; Agee, Janice L.  
**Cc:** Smith, Amos L; Park, Gordon G; Boggs, J. Markus; Julian, Hank  
**Subject:** Notice of Completeness KIF In Pond HydroGeo Report

On June 2 we received a HydroGeo Report Notice of Completeness from TDEC for our in pond lateral expansion at KIF. This follows our response to the Notice of Deficiency (NOD) for lack of geologic buffer issued earlier by TDEC. We have now completed the HydroGeo part of the permit process. We should be receiving an NOD for the Design and Operations Plans in a few weeks. I will send our an email summarizing the NOD when it is received. Call if you want to discuss.

Larry C. Bowers  
Senior Solid Waste Specialist  
Environmental Affairs  
1101 Market Street, LP 5D  
Chattanooga, Tn 37402-2801

Environmental - Microsoft Outlook

File Edit View Go Tools Actions Help

Type a question for help

New Reply Reply to All Forward Send/Receive Find Type a contact to find

Messages

Sensitive

**Mail**

Favorite Folders

- Inbox (6)
- Unread Mail
- For Follow Up
- Sent Items

All Mail Folders

- KIF FGD
- KIF PRB Fuel Switch
- KIF Projects
- KIF Projects - Ash
  - Deleted Items
  - KIF450 (Gypsum)
  - KIF530 (Develop Flyash, Gypsum, and bottom ash)
    - Budget
    - Design
    - Environmental
    - Meeting Agendas and Notes
    - Meetings
    - Parsons
    - Peer Review
    - Pond vs Peninsula
    - Roles and Responsibilities
    - Scope
  - KIF531 (Replace Kennedy Weir)
  - Other
  - Progress Reports
  - Search Folders
- KIF Projects - Closed
- KIF Projects - General Information
- VTE SCP 110 (VIES)

23 Items

**Environmental**

Arranged By: Date Newest on top

- Hughes, Michael 04/18/2005  
 RE: cec 9511  
 FYI.....  
 -----Original Message-----  
 From: Johnson, Lindy P.
- Petty, Harold L. 04/18/2005  
 RE: KIF dredge cell project storm water: permitting sta...  
 That would be true. TVA is owner and the operator both in this case.  
 Thanks, Lynn
- Smith, Daniel R. 04/12/2005  
 RE: DRAFT SWPPP for Dredge Cell Restoration  
 Was out of the office Monday and had meetings all day tuesday.  
 I will revise to make > 20 ac
- Petty, Harold L. 04/12/2005  
 RE: KIF dredge cell project storm water: permitting sta...  
 Lindy:  
 Thank You  
 Mike:
- Petty, Harold L. 04/11/2005  
 RE: DRAFT SWPPP for Dredge Cell Restoration  
 I'd suggest going on over to the next range. The borrow area is listed as 5.0 acres. I am hearing thru the grapevine that we should use this project as a way of
- Johnson, Lindy P. 04/11/2005  
 RE: DRAFT SWPPP for Dredge Cell Restoration  
 19.90 the right acreage?  
 -----Original Message-----  
 From: Petty, Harold L.
- Petty, Harold L. 04/11/2005  
 RE: DRAFT SWPPP for Dredge Cell Restoration  
 We are not normally check capable down here.  
 The s/c is: 001D9VR  
 Thanks for your Help!

**FW: cec 9511**

Hughes, Michael

You forwarded this message on 05/25/2005 2:04:21 PM

To: Haber, Stanley M.

FYI.....

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Friday, April 15, 2005 2:33 PM  
**To:** Hughes, Michael  
**Subject:** cec 9511

review complete.

Lindy Printz Johnson  
 Tennessee Valley Authority  
 Environmental Affairs, LP 5D-C  
 phone: 423 751 3361  
 fax: 423 751 7011  
 email: [lpjohnson@tva.gov](mailto:lpjohnson@tva.gov)

Environmental - Microsoft Outlook

File Edit View Go Tools Actions Help

New Reply Reply to All Forward Send/Receive Find Type a contact to find

Back Messages

Sensitive

**Mail**

Favorite Folders

- Inbox (6)
- Unread Mail
- For Follow Up
- Sent Items

All Mail Folders

- KIF FGD
- KIF PRB Fuel Switch
- KIF Projects
- KIF Projects - Ash
  - Deleted Items
  - KIF450 (Gypsum)
  - KIF530 (Develop Flyash, Gypsum, and bottom ash)
    - Budget
    - Design
    - Environmental
    - Meeting Agendas and Notes
    - Meetings
    - Parsons
    - Peer Review
    - Pond vs Peninsula
    - Roles and Responsibilities
    - Scope
  - KIF531 (Replace Kennedy Weir)
    - Other
    - Progress Reports
    - Search Folders
  - KIF Projects - Closed
  - KIF Projects - General Information
  - KIF SCD 110 (KIF532)

**Environmental**

Arranged By: Date Newest on top

Petty, Harold L. 04/11/2005  
RE: DRAFT SWPPP for Dredge Cell Restoration  
We are not normally check capable down here.  
The s/c is: 001D9VR  
Thanks for your Help!

Petty, Harold L. 04/08/2005  
Bull Run applicability on Kingston  
Dan:  
We have received NOD's on the BRF permit. A copy is in route to you. One of the NOD comments shows that

Petty, Harold L. 04/07/2005  
Kif - typical section  
Mike:  
Here is the section we talked about using for the CEC.  
Thanks, Lynn <end>

Bowers, Larry C 01/31/2005  
Ash and Gypsum Permitting Milestones  
Attached please find a matrix that outlines the major engineering and permitting milestones for TVA's ongoing ash and gypsum disposal projects. This matrix is current

Bowers, Larry C 06/29/2004  
RE: Kingston Ash Pond-Related Projects (Draft EMPs F...  
This question has been beat to death but it still will not die. We met with Darlene and worked out how permitting and NEPA would interface before the permitting package

Haber, Stanley M. 06/29/2004  
PW: Kingston Ash Pond-Related Projects (Draft EMPs F...  
For your information.  
-----Original Message-----  
From: Keller, Darlene

Keller, Darlene 06/29/2004  
RE: Kingston Ash Pond-Related Projects (Draft EMPs F...  
I talked to Gordon about these projects. The permit application for the FGD discharge has been made and a question was raised about NEPA not being completed

**RE: DRAFT SWPPP for Dredge Cell Restoration**

Petty, Harold L.

To: Johnson, Lindy P.  
Cc: Hughes, Michael; Smith, Daniel R; Haber, Stanley M.; Purkey, Ronald E.

We are not normally check capable down here.

The s/c is: 001D9VR

Thanks for your Help!

Lynn

-----Original Message-----  
From: Johnson, Lindy P.  
Sent: Monday, April 11, 2005 1:37 PM  
To: 'Smith, Daniel R'  
Cc: Hughes, Michael; Petty, Harold L.; Johnson, Lindy P.  
Subject: RE: DRAFT SWPPP for Dredge Cell Restoration

Are you sure about the acreage? You list 19.90 acres which is one fee category. If it goes over/gets re-estimated to 20, that's a different fee category which could delay the submittal.

If you are sure, Lynn, could you get

23 Items

Environmental - Microsoft Outlook

File Edit View Go Tools Actions Help

New Reply Reply to All Forward Send/Receive Find Type a contact to find

Back Messages

Sensitive

**Mail**

Favorite Folders

- Inbox (6)
- Unread Mail
- For Follow Up
- Sent Items

All Mail Folders

- KIF FGD
- KIF PRB Fuel Switch
- KIF Projects
- KIF Projects - Ash
  - Deleted Items
  - KIF450 (Gypsum)
  - KIF530 (Develop Flyash, Gypsum, and bottom ash)
    - Budget
    - Design
    - Environmental
    - Meeting Agendas and Notes
    - Meetings
    - Parsons
    - Peer Review
    - Pond vs Peninsula
    - Roles and Responsibilities
    - Scope
  - KIF531 (Replace Kennedy Weir)
    - Other
    - Progress Reports
    - Search Folders
  - KIF Projects - Closed
  - KIF Projects - General Information
  - KIF530 UQ (KIF530)

23 Items

**Environmental**

Arranged By: Date Newest on top

**RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)**  
Keller, Darlene

**Bowers, Larry C** 06/29/2004  
RE: Kingston Ash Pond-Related Projects (Draft EMPs f...  
This question has been beat to death but it still will not die. We met with Darlene and worked out how permitting and NEPA would interface before the permitting package

**Haber, Stanley M.** 06/29/2004  
FW: Kingston Ash Pond-Related Projects (Draft EMPs ...  
For your information.  
-----Original Message-----  
From: Keller, Darlene

**Keller, Darlene** 06/29/2004  
RE: Kingston Ash Pond-Related Projects (Draft EMPs: f...  
I talked to Gordon about these projects. The permit application for the FGD discharge has been made and a question was raised about NEPA not being completed

**Bowers, Larry C** 04/26/2004  
RE: Kingston Ash Pond-Related Projects (Draft EMPs f...  
The plans call for wet stacking to continue and a switch to dry fly ash to occur once the space for wet stacking is exhausted. The remaining capacity in the ash pond

**Haber, Stanley M.** 04/26/2004  
RE: Kingston Ash Pond-Related Projects (Draft EMPs f...  
Thanks for the clarification. I picked up the phrase "dry fly ash storage" from the FPEP project list for the yard projects. If this is not a correct description, then we

**Miller, Evelyn C.** 04/26/2004  
RE: Kingston Ash Pond-Related Projects (Draft EMPs f...  
Just for clarification. This is not what we would normally refer to as a "dry" stack since as far as I know we will still be handling everything wet (unless there is a plan to

**Haber, Stanley M.** 04/15/2004  
Ash Blitz Projects: KIF530 and 531: EMPs  
Dear Team,  
Ron Powell and I have drafted the attached EMPs for the ash blitz projects at Kingston (KIF530 and KIF531).

**RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)**  
Keller, Darlene

Auto-generated message on 06/29/2004 9:11 AM

To: Haber, Stanley M.  
Cc: Campbell, Linda F.

I talked to Gordon about these projects. The permit application for the FGD discharge has been made and a question was raised about NEPA not being completed before the permit. My response to Gordon is that the permit application is not a irreversible action, it does not reflect a decision, just options, and that water quality will be evaluated during the EA for the FGD system.

J. Darlene Keller  
SR Regulatory Specialist,  
NEPA & Remediation  
FPG - Environmental Affairs  
423-751-6640

-----Original Message-----  
From: Haber, Stanley M.  
Sent: Monday, April 26, 2004 9:14 AM  
To: Deskins, Earl L.; Gray, Deming;  
Holmes, James B.; Nelson, Gary R.;

## Haber, Stanley M

---

**From:** Bowers, Larry C  
**Sent:** Monday, June 13, 2005 5:28 PM  
**To:** Haber, Stanley M.  
**Subject:** FW: Notice of Completeness KIF In Pond HydroGeo Report

Sorry. Just left you off.

-----Original Message-----

**From:** Bowers, Larry C  
**Sent:** Monday, June 13, 2005 4:16 PM  
**To:** Nuyt, Gary M.; Deskins, Earl L; Myers, Thomas J.; Campbell, Linda F.; Petty, Harold L.; Purkey, Ronald E.; Baugh, James S.; Hedgecoth, Melissa A.; Miller, Evelyn C.; Agee, Janice L.  
**Cc:** Smith, Amos L; Park, Gordon G; Boggs, J. Markus; Julian, Hank  
**Subject:** Notice of Completeness KIF In Pond HydroGeo Report

On June 2 we received a HydroGeo Report Notice of Completeness from TDEC for our in pond lateral expansion at KIF. This follows our response to the Notice of Deficiency (NOD) for lack of geologic buffer issued earlier by TDEC. We have now completed the HydroGeo part of the permit process. We should be receiving an NOD for the Design and Operations Plans in a few weeks. I will send our an email summarizing the NOD when it is received. Call if you want to discuss.

Larry C. Bowers  
Senior Solid Waste Specialist  
Environmental Affairs  
1101 Market Street, LP 5D  
Chattanooga, Tn 37402-2801  
423-751-4947 Fax: 423-751-7011  
Pager: 1-800-283-0028,2421  
lcbowers@tva.gov

**Haber, Stanley M**

---

**From:** Petty, Harold L.  
**Sent:** Tuesday, May 31, 2005 10:59 AM  
**To:** Purkey, Ronald E.; Baugh, James S.; Radford, Larry D.; Smith, Amos L; Bowers, Larry C; Hughes, Michael; Haber, Stanley M.  
**Subject:** FW: NOC TNR190526 - Kingston Ash Pond - Dredge Cell Restoration  
**Attachments:** NOC for TNR190526.doc



NOC for  
:190526.doc (167 K)

Here is confirmation that Lindy received the NOC (stormwater construction permit) from the state for the KIF Dredge Cell Restoration Project last week.

-----Original Message-----

From: Johnson, Lindy P.  
Sent: Tuesday, May 31, 2005 10:12 AM  
To: Petty, Harold L.  
Subject: FW: NOC TNR190526 - Kingston Ash Pond

Yes - here is KIF.

-----Original Message-----

From: Erin O'Brien [mailto:Erin.O'Brien@state.tn.us]  
Sent: Wednesday, May 25, 2005 11:25 AM  
To: Johnson, Lindy P.  
Subject: NOC TNR190526 - Kingston Ash Pond

=====  
Erin O'Brien  
Water Pollution Control  
6th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243-1534  
Phone: 615-253-2245  
Fax: 615-532-0686  
Erin.O'Brien@state.tn.us  
=====



**STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
401 CHURCH STREET  
L & C ANNEX 6TH FLOOR  
NASHVILLE TN 37243-1534**

May 25, 2005

Mrs. Lindy Johnson  
Senior Water Regulatory Specialist  
TVA - Environmental Affairs  
1101 Market Street, LP 5D-C  
Chattanooga, TN 37402-2801

Re: NPDES Permit Tracking No. TNR190526  
TVA - Kingston Ash Pond Dredge Cell Restoration  
Roane County, Tennessee

Dear Mrs. Johnson:

The Division of Water Pollution Control (the division) acknowledges receipt of the Notice of Intent (NOI) form we received on April 27, 2005. The NOI was submitted to obtain coverage under a General NPDES Permit for Storm Water Discharges Associated with Construction Activity. Enclosed is the Notice of Coverage (NOC) form which shows the site name and location, receiving stream, effective date of coverage, etc.

**Contractor Information**

The Division does not normally transmit a copy of this letter to your contractor(s). You should make sure that all contractors listed on the NOI are aware of the General Permit requirements.

**Threatened and Endangered Species**

The receiving stream for a construction site for which the NOI was submitted has Federal or State listed threatened and endangered species in the area, or downstream of your project. Storm water discharges and storm water discharge-related activities that are not protective of legally protected listed or proposed threatened or endangered aquatic fauna in the receiving stream(s); or discharges or activities that would result in a 'take' of a Federally listed endangered or threatened fish or wildlife species are not authorized by the General Permit. If the division finds that storm water discharges or storm water related activities are likely to result in any of the above effects, the division will deny the coverage under this general permit unless and until project plans are changed to protect the listed species. In addition, discharges from your construction site that result in harm to such species may incur additional fines and penalties from the US Fish and Wildlife Service and/or the Tennessee Wildlife Resources Agency.

We appreciate your attention to this permit and its requirements. If you have any questions, please contact Ms. Erin O'Brien at (615) 253-2245 or by E-mail at *Erin.O'Brien@state.tn.us*.

Sincerely,

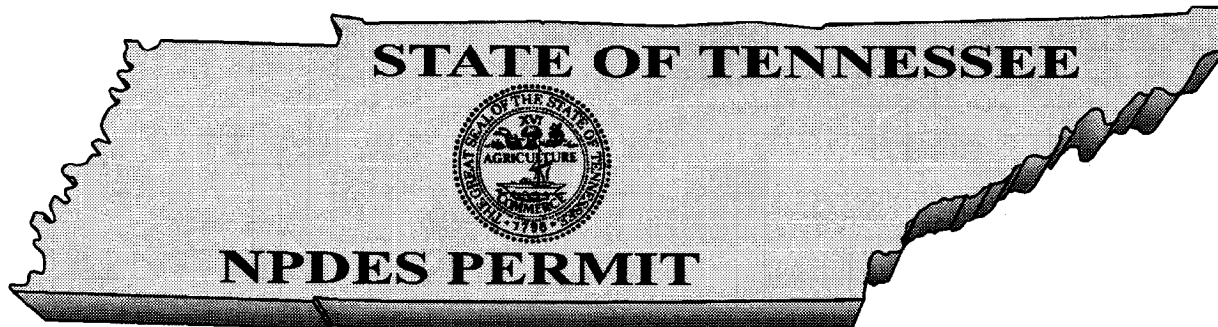
*Edward M. Polk, Jr.*

Edward M. Polk, Jr., P.E.  
Manager, Permit Section  
Division of Water Pollution Control

EMP/EEO  
Enclosure

cc: Division of Water Pollution Control, Permit Section  
Division of Water Pollution Control, Knoxville Field Office





**Tracking No. TNR190526**

General NPDES Permit for  
**STORM WATER DISCHARGES ASSOCIATED WITH  
CONSTRUCTION ACTIVITY**

Tennessee Department of Environment and Conservation  
Division of Water Pollution Control  
401 Church Street, 6th Floor, L&C Annex  
Nashville, Tennessee 37243-1534

Under authority of the Tennessee Water Quality Control Act of 1977 (T.C.A. 69-3-101 et seq.) and the delegation of authority from the United States Environmental Protection Agency under the Federal Water Pollution Control Act, as amended by the Clean Water Act of 1977 (33 U.S.C. 1251, et seq.):

Name of the Construction Project: **TVA - Kingston Ash Pond Dredge Cell Restoration**

Construction Site Owner/Developer: **TN Valley Authority**

and Contractor(s) (if applicable): Tennessee Valley Authority

are authorized to discharge: storm water associated with construction activity

from facility location: **714 Swan Pond Road, Roane County**

to receiving waters named: **Clinch River Arm Watts Bar Reservoir**

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein.

Likely presence of threatened or endangered species in project vicinity or downstream: **YES**

Additional pollution prevention requirements, as described in the General Permit, Part III.F, for discharges into waters which the Department identifies as:

- a) impaired by siltation: **NO**      b) discharging into High Quality Waters: **NO**

Coverage under this general permit shall become effective on May 25, 2005, and shall be terminated upon approval of Notice of Termination, or the date of expiration of this General Permit May 31, 2005.

Paul E. Davis, Director  
Division of Water Pollution Control  
RDAs 2352 and 2366

**Haber, Stanley M**

---

**From:** Haber, Stanley M.  
**Sent:** Monday, May 16, 2005 11:08 AM  
**To:** Deskins, Earl L; Campbell, Linda F.; Catlett, James H  
**Subject:** KIF530 (French Drains): State of TN Letter  
**Attachments:** KIF530 NOD 2005 04 29.pdf

**Tracking:**

<b>Recipient</b>	<b>Delivery</b>
Deskins, Earl L	Delivered: 05/16/2005 11:08 AM
Campbell, Linda F.	Delivered: 05/16/2005 11:08 AM
Catlett, James H	Delivered: 05/16/2005 11:08 AM

For your information.

Stan



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
KNOXVILLE ENVIRONMENTAL FIELD OFFICE

2700 MIDDLEBROOK PIKE, SUITE 220  
KNOXVILLE, TENNESSEE 37921-5602

PHONE (865) 594-6035

STATEWIDE 1-888-891-8332

FAX (865) 594-6105

April 29, 2005

RECEIVED

MAY 13 2005

Mr. Gordon Park  
Manager of Permitted Programs  
Tennessee Valley Authority  
1101 Market Street  
Chattanooga, Tennessee 37402-2801

ENVIRONMENTAL  
FOSSIL FUEL GROUP

RE: Proposed modification to approved construction and operation plans - New leachate breakout remediation, collection, and transfer system for the lower west and south slopes of the Kingston Power Plant Coal Ash Fill, IDL 73-0094

Dear Mr. Park:

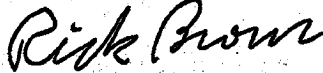
The revised plan for TVA Kingston Power Plant Coal Ash Fill, submitted to our office by TVA Fossil Engineering Services on April 27, 2005, has been reviewed in accordance with Rule Chapter 1200-1-7, Solid Waste Processing and Disposal. This modification consists of leachate collection trench drains at the 775, 781, and 595 elevation bench levels around the west and south sides; a toe drain and improved drainage ditch around the toe of the fill on the west side; and a new collection/retention pond with force main to a channel leading to the ash pond. The plan also calls for geonet to be installed at the toe in the vicinity of the original breakout. We find that the revised plan meets the regulatory requirements, and this design is an improvement over the temporary collection/transfer system that was installed to correct the existing problem. We agree that this revision should be considered a minor modification, and we are therefore approving the plan as submitted. In all aspects of construction and operation affected by the modification, this plan will replace and supercede the original plan.

Mr. Gordon Park  
April 29, 2005  
Page 2

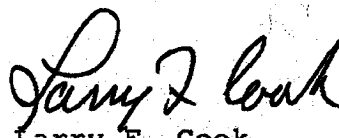
Work may begin to install the features included with this modification at any time when the weather is suitable and the necessary equipment and materials can be mobilized to the site, but work must begin no later than June 1, 2005, in accordance with your suggested schedule. Installation of the system shall be completed not later than August 31, 2005.

An approved copy of the modified plan is enclosed for your use. If you have any questions concerning this matter, do not hesitate to contact me.

Yours truly,



Rick Brown  
Environmental Engineer  
Division of Solid Waste Management



Larry F. Cook  
Knoxville Field Office Manager

cc: DSWM, Nashville Central Office

RSB /tvaknglcsmda.doc

minrmod

## Haber, Stanley M

---

**From:** Campbell, Linda F.  
**Sent:** Monday, May 16, 2005 10:56 AM  
**To:** Bowers, Larry C; Radford, Larry D.  
**Cc:** Catlett, James H; Haber, Stanley M.; Settles, James T; Lowery, Kenny R.; Lowery, Kenny R.; Johnson, Lindy P.; Webb, Cynthia O.  
**Subject:** RE: TDEC's Approval of KIF Dredge Cell Repair

Hey Larry and Larry,

I'm a bit concerned that all the obligations associated with the ash pond can not be met in a timely manner. There are several projects that I know of that will be overlapping. One is the fix below, then there is raising the dike on the interim pond, the Kennedy Weir Replacement, developing the new borrow area, and all the additional storm water requirement, plus any others I may not be aware of. As a project develops, there is usually some additional time consuming tasks that were unforeseen. If Jim is to be the lead in all of these projects, I'm concerned he will get overloaded and some tasks may not get completed.

Earl Deskins & I would like to see some timeline for all the projects associated with the ash pond for the next few months. This should include a responsible person for each, approximate time of completion and approximate number of personnel on each project. Earl would prefer a meeting to discuss, but a written plan would probably satisfy him.

Mike Crane, KIF Procurement, will have a contractor here tomorrow to estimate chipping the trees that will need to be removed from the new borrow area.

Thanks,  
Linda

-----Original Message-----

**From:** Bowers, Larry C  
**Sent:** Friday, May 13, 2005 4:40 PM  
**To:** Catlett, James H; Baugh, James S.; Haber, Stanley M.; Hedgecoth, Melissa A.; Lankford, Brian S.; Purkey, Ronald E.; Petty, Harold L.; Petty, Randal L; Settles, James T; Radford, Larry D.; Knox, Robert; 'Smith, Daniel R (Reading)'  
**Cc:** Johnson, Lindy P.; Campbell, Linda F.; Smith, Amos L; Park, Gordon G  
**Subject:** TDEC's Approval of KIF Dredge Cell Repair

We have received TDEC's approval of our solid waste permit minor modification request. However TDEC has placed two conditions on that approval that were unexpected. Construction must begin by June 1, 2005 and must be complete by August 31, 2005. Evidently they are very interested in TVA fixing the leak quickly. I have discussed this with Lindy and we can install the wells prior to the stormwater permit being issued so the first date should not be an issue. My question is can we meet the second date. Please let me know your thoughts...

Larry C. Bowers  
Senior Solid Waste Specialist  
Environmental Affairs  
1101 Market Street, LP 5D  
Chattanooga, Tn 37402-2801  
423-751-4947 Fax: 423-751-7011  
Pager: 1-800-283-0028,2421  
lcbowers@tva.gov

## Haber, Stanley M

---

**From:** Bowers, Larry C  
**Sent:** Friday, May 13, 2005 4:40 PM  
**To:** Catlett, James H; Baugh, James S.; Haber, Stanley M.; Hedgecoth, Melissa A.; Lankford, Brian S.; Purkey, Ronald E.; Petty, Harold L.; Petty, Randal L.; Settles, James T; Radford, Larry D.; Knox, Robert; 'Smith, Daniel R (Reading)'  
**Cc:** Johnson, Lindy P.; Campbell, Linda F.; Smith, Amos L; Park, Gordon G  
**Subject:** TDEC's Approval of KIF Dredge Cell Repair

We have received TDEC's approval of our solid waste permit minor modification request. However TDEC has placed two conditions on that approval that were unexpected. Construction must begin by June 1, 2005 and must be complete by August 31, 2005. Evidently they are very interested in TVA fixing the leak quickly. I have discussed this with Lindy and we can install the wells prior to the stormwater permit being issued so the first date should not be an issue. My question is can we meet the second date. Please let me know your thoughts...

Larry C. Bowers  
Senior Solid Waste Specialist  
Environmental Affairs  
1101 Market Street, LP 5D  
Chattanooga, Tn 37402-2801  
423-751-4947 Fax: 423-751-7011  
Pager: 1-800-283-0028,2421  
lcbowers@tva.gov

**Haber, Stanley M**

---

**From:** Petty, Harold L.  
**Sent:** Monday, April 25, 2005 5:21 PM  
**To:** Johnson, Lindy P.  
**Cc:** Campbell, Linda F.; Purkey, Ronald E.; Haber, Stanley M.; Hughes, Michael  
**Subject:** RE: update on KIF Notice of Intent (NOI)

Thanks for your help!

HED will be the constructor on this project. Larry Radford and Robert Knox have been involved and I believe that is who else you need to send copies to.

I'll cc them on this and let them confirm. I'll also cc Stan Haber and Mike Hughes for their information.

Thanks,  
Lynn

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Monday, April 25, 2005 5:04 PM  
**To:** Petty, Harold L.  
**Cc:** Campbell, Linda F.; Johnson, Lindy P.  
**Subject:** update on KIF Notice of Intent (NOI)

The NOI for the ash dredge cell project was signed today and will go out overnight by FED EX tomorrow. Who all gets copies of the signed SWPPP?

I plan to follow up with TDEC to ensure that the notice of coverage is received in a timely manner (i.e., before the end of May).

I plan to send a copy of the signed SWPPP to you, one to Linda; one needs to also go to the construction manager for the project but I don't remember if I know who that will be? Linda & I will want to sit down with that person to review the permit requirements.

Thanks!

**Haber, Stanley M**

---

**From:** Hughes, Michael  
**Sent:** Monday, April 18, 2005 8:52 AM  
**To:** Haber, Stanley M.  
**Subject:** FW: cec 9511

FYI.....

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Friday, April 15, 2005 2:33 PM  
**To:** Hughes, Michael  
**Subject:** cec 9511

review complete.

Lindy Printz Johnson  
Tennessee Valley Authority  
Environmental Affairs, LP 5D-C  
phone: 423 751 3361  
fax: 423 751 7011  
email: [lpjohnson@tva.gov](mailto:lpjohnson@tva.gov)



**Haber, Stanley M**

---

**From:** Petty, Harold L.  
**Sent:** Monday, April 18, 2005 8:24 AM  
**To:** Johnson, Lindy P.; Hughes, Michael  
**Cc:** Bowers, Larry C; Smith, Daniel R.; Haber, Stanley M.  
**Subject:** RE: KIF dredge cell project storm water permitting status

That would be true. TVA is owner and the operator both in this case.

Thanks,  
Lynn

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Friday, April 15, 2005 6:37 PM  
**To:** Petty, Harold L.; Hughes, Michael  
**Cc:** Bowers, Larry C; Smith, Daniel R.  
**Subject:** RE: KIF dredge cell project storm water permitting status

Currently awaiting borrow area change in runoff coefficient and revised drawings to get the final SWPP together. I assume TVA is the operator on the NOI as well as the owner?

-----Original Message-----

**From:** Petty, Harold L.  
**Sent:** Tuesday, April 12, 2005 2:44 PM  
**To:** Johnson, Lindy P.; Hughes, Michael  
**Cc:** Bowers, Larry C; Smith, Daniel R.; Purkey, Ronald E.; Haber, Stanley M.  
**Subject:** RE: KIF dredge cell project storm water permitting status

Lindy:

Thank You

Mike:

Please do all that is necessary to help Dan get this resolved ASAP.

Thanks,  
Lynn

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Tuesday, April 12, 2005 2:08 PM  
**To:** Petty, Harold L.; Bowers, Larry C; Smith, Daniel R.  
**Cc:** Johnson, Lindy P.  
**Subject:** KIF dredge cell project storm water permitting status

Lynn,

There has been a delay in finishing up the SWPPP/NOI for the dredge cell project. Dan indicated today that the borrow area initially described could not be used and that they would be working on finding an appropriate borrow area. As soon as the borrow area is identified (along with a corresponding outfall/discharge point), we can pick up.

03/14/2009

TVA-00027294

I've already ordered the check for a minimum of 20 acres (and <30) so the borrow area needs to be at least 5.1 acres.

Please let me know if you have any questions. Thanks.

Lindy Printz Johnson  
Tennessee Valley Authority  
Environmental Affairs, LP 5D-C  
phone: 423 751 3361  
fax: 423 751 7011  
email: [lpjohnson@tva.gov](mailto:lpjohnson@tva.gov)

03/14/2009

TVA-00027295

## Haber, Stanley M

---

**From:** Smith, Daniel R [Daniel.R.Smith@worleyparsons.com]  
**Sent:** Tuesday, April 12, 2005 10:28 PM  
**To:** Petty, Harold L.; Johnson, Lindy P.  
**Cc:** Hughes, Michael; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

Was out of the office Monday and had meetings all day tuesday.

I will revise to make > 20 ac

Dan

-----Original Message-----

**From:** Petty, Harold L. [mailto:hlpetty@tva.gov]  
**Sent:** Monday, April 11, 2005 2:24 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; Smith, Daniel R; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

I'd suggest going on over to the next range. The borrow area is listed as 5.0 acres. I am hearing thru the grapevine that we should use this project as a way of putting the borrow area under a SWPPP. Going to the next range would give us a little more freedom for the borrow area to enlarge it some for obtaining material for the intermediate dredge cell at a cost of only \$100.

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Monday, April 11, 2005 2:16 PM  
**To:** Petty, Harold L.  
**Cc:** Hughes, Michael; 'Smith, Daniel R'; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

19.90 the right acreage?

-----Original Message-----

**From:** Petty, Harold L.  
**Sent:** Monday, April 11, 2005 2:09 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; 'Smith, Daniel R'; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

We are not normally check capable down here.

The s/c is: 001D9VR

Thanks for your Help!

Lynn

-----Original Message-----

**From:** Johnson, Lindy P.

Sent: Monday, April 11, 2005 1:37 PM  
To: 'Smith, Daniel R'  
Cc: Hughes, Michael; Petty, Harold L.; Johnson, Lindy P.  
Subject: RE: DRAFT SWPPP for Dredge Cell Restoration

Are you sure about the acreage? You list 19.90 acres which is one fee category. If it goes over/gets re-estimated to 20, that's a different fee category which could delay the submittal.

If you are sure, Lynn, could you get a check payable to Tennessee Department of Environment and Conservation for \$400. If the acreage is actually 20, the fee goes to \$500. If you can't get a check, please give me a short code and I'll make arrangements to get a check. That has to be submitted with the Notice of Intent.

-----Original Message-----

From: Smith, Daniel R [mailto:Daniel.R.Smith@worleyparsons.com]

Sent: Sunday, April 10, 2005 10:39 PM  
To: Johnson, Lindy P.  
Cc: Hughes, Michael; Petty, Harold L.  
Subject: DRAFT SWPPP for Dredge Cell Restoration

<html>  
<font face="Arial" style="font-size: 8pt;">\*\*\* WorleyParsons Group Notice \*\*\*  
"This email is confidential. If you are not the intended recipient, you must not disclose or use the information contained in it. If you have received this email in error, please notify us immediately by return email and delete the email and any attachments. Any personal views/opinions expressed by the writer may not necessarily reflect the views/opinions of the company."  
</font>  
</html>

<html>  
<font face="Arial" style="font-size: 8pt;">\*\*\* WorleyParsons Group Notice \*\*\*  
"This email is confidential. If you are not the intended recipient, you must not disclose or use the information contained in it. If you have received this email in error, please notify us immediately by return email and delete the email and any attachments. Any personal views/opinions expressed by the writer may not necessarily reflect the views/opinions of the company."  
</font>  
</html>

**Haber, Stanley M**

---

**From:** Petty, Harold L.  
**Sent:** Tuesday, April 12, 2005 2:44 PM  
**To:** Johnson, Lindy P.; Hughes, Michael  
**Cc:** Bowers, Larry C; Smith, Daniel R.; Purkey, Ronald E.; Haber, Stanley M.  
**Subject:** RE: KIF dredge cell project storm water permitting status

Lindy:

Thank You

Mike:

Please do all that is necessary to help Dan get this resolved ASAP.

Thanks,  
Lynn

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Tuesday, April 12, 2005 2:08 PM  
**To:** Petty, Harold L.; Bowers, Larry C; Smith, Daniel R.  
**Cc:** Johnson, Lindy P.  
**Subject:** KIF dredge cell project storm water permitting status

Lynn,

There has been a delay in finishing up the SWPPP/NOI for the dredge cell project. Dan indicated today that the borrow area initially described could not be used and that they would be working on finding an appropriate borrow area. As soon as the borrow area is identified (along with a corresponding outfall/discharge point), we can pick up.

I've already ordered the check for a minimum of 20 acres (and <30) so the borrow area needs to be at least 5.1 acres.

Please let me know if you have any questions. Thanks.

Lindy Printz Johnson  
Tennessee Valley Authority  
Environmental Affairs, LP 5D-C  
phone: 423 751 3361  
fax: 423 751 7011  
email: lpjohnson@tva.gov

03/14/2009

TVA-00027298

## Haber, Stanley M

---

**From:** Petty, Harold L.  
**Sent:** Monday, April 11, 2005 2:24 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; 'Smith, Daniel R'; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

I'd suggest going on over to the next range. The borrow area is listed as 5.0 acres. I am hearing thru the grapevine that we should use this project as a way of putting the borrow area under a SWPPP. Going to the next range would give us a little more freedom for the borrow area to enlarge it some for obtaining material for the intermediate dredge cell at a cost of only \$100.

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Monday, April 11, 2005 2:16 PM  
**To:** Petty, Harold L.  
**Cc:** Hughes, Michael; 'Smith, Daniel R'; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

19.90 the right acreage?

-----Original Message-----

**From:** Petty, Harold L.  
**Sent:** Monday, April 11, 2005 2:09 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; 'Smith, Daniel R'; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

We are not normally check capable down here.

The s/c is: 001D9VR

Thanks for your Help!

Lynn

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Monday, April 11, 2005 1:37 PM  
**To:** 'Smith, Daniel R'  
**Cc:** Hughes, Michael; Petty, Harold L.; Johnson, Lindy P.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

Are you sure about the acreage? You list 19.90 acres which is one fee category. If it goes over/gets re-estimated to 20, that's a different fee category which could delay the submittal.

If you are sure, Lynn, could you get a check payable to Tennessee Department of Environment and Conservation for \$400. If the acreage is actually 20, the fee goes to \$500. If you can't get a check, please give me a short code and I'll make arrangements to get a check. That has to be submitted with the Notice of Intent.

-----Original Message-----

**From:** Smith, Daniel R [mailto:Daniel.R.Smith@worleyparsons.com]  
**Sent:** Sunday, April 10, 2005 10:39 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; Petty, Harold L.  
**Subject:** DRAFT SWPPP for Dredge Cell Restoration

<html>

<font face="Arial" style="font-size: 8pt;">\*\*\* WorleyParsons Group Notice \*\*\*

"This email is confidential. If you are not the intended recipient, you must not disclose or use the information contained in it. If you have received this email in error, please notify us immediately by return email and delete the email and any attachments. Any personal views/ opinions expressed by the writer may not necessarily reflect the views/ opinions of the company."

</font>

</html>

## Haber, Stanley M

---

**From:** Johnson, Lindy P.  
**Sent:** Monday, April 11, 2005 2:16 PM  
**To:** Petty, Harold L.  
**Cc:** Hughes, Michael; 'Smith, Daniel R'; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

19.90 the right acreage?

-----Original Message-----

**From:** Petty, Harold L.  
**Sent:** Monday, April 11, 2005 2:09 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; 'Smith, Daniel R'; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

We are not normally check capable down here.

The s/c is: 001D9VR

Thanks for your Help!

Lynn

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Monday, April 11, 2005 1:37 PM  
**To:** 'Smith, Daniel R'  
**Cc:** Hughes, Michael; Petty, Harold L.; Johnson, Lindy P.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

Are you sure about the acreage? You list 19.90 acres which is one fee category. If it goes over/gets re-estimated to 20, that's a different fee category which could delay the submittal.

If you are sure, Lynn, could you get a check payable to Tennessee Department of Environment and Conservation for \$400. If the acreage is actually 20, the fee goes to \$500. If you can't get a check, please give me a short code and I'll make arrangements to get a check. That has to be submitted with the Notice of Intent.

-----Original Message-----

**From:** Smith, Daniel R [mailto:Daniel.R.Smith@worleyparsons.com]  
**Sent:** Sunday, April 10, 2005 10:39 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; Petty, Harold L.  
**Subject:** DRAFT SWPPP for Dredge Cell Restoration

<html>

<font face="Arial" style="font-size: 8pt;">\*\*\* WorleyParsons Group Notice \*\*\*  
"This email is confidential. If you are not the intended recipient, you must not disclose or use the information contained in it. If you have received this email in error, please notify us immediately by return email and delete the email and any attachments. Any personal views/ opinions expressed by the writer may not necessarily reflect the views/ opinions of the company."  
</font>

</html>



## Haber, Stanley M

---

**From:** Petty, Harold L.  
**Sent:** Monday, April 11, 2005 2:09 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; 'Smith, Daniel R'; Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

We are not normally check capable down here.

The s/c is: 001D9VR

Thanks for your Help!

Lynn

-----Original Message-----

**From:** Johnson, Lindy P.  
**Sent:** Monday, April 11, 2005 1:37 PM  
**To:** 'Smith, Daniel R'  
**Cc:** Hughes, Michael; Petty, Harold L.; Johnson, Lindy P.  
**Subject:** RE: DRAFT SWPPP for Dredge Cell Restoration

Are you sure about the acreage? You list 19.90 acres which is one fee category. If it goes over/gets re-estimated to 20, that's a different fee category which could delay the submittal.

If you are sure, Lynn, could you get a check payable to Tennessee Department of Environment and Conservation for \$400. If the acreage is actually 20, the fee goes to \$500. If you can't get a check, please give me a short code and I'll make arrangements to get a check. That has to be submitted with the Notice of Intent.

-----Original Message-----

**From:** Smith, Daniel R [mailto:Daniel.R.Smith@worleyparsons.com]  
**Sent:** Sunday, April 10, 2005 10:39 PM  
**To:** Johnson, Lindy P.  
**Cc:** Hughes, Michael; Petty, Harold L.  
**Subject:** DRAFT SWPPP for Dredge Cell Restoration

<html>  
<font face="Arial" style="font-size: 8pt;">\*\*\* WorleyParsons Group Notice \*\*\*  
"This email is confidential. If you are not the intended recipient, you must not disclose or use the information contained in it. If you have received this email in error, please notify us immediately by return email and delete the email and any attachments. Any personal views/ opinions expressed by the writer may not necessarily reflect the views/ opinions of the company."  
</font>  
</html>

**Haber, Stanley M**

---

**From:** Petty, Harold L.  
**Sent:** Friday, April 08, 2005 11:26 AM  
**To:** Smith, Daniel R.  
**Cc:** Purkey, Ronald E.; Haber, Stanley M.; Bowers, Larry C  
**Subject:** Bull Run applicability on Kingston

Dan:

We have received NOD's on the BRF permit. A copy is in route to you. One of the NOD comments shows that their is heightened interest in the underdrain system. "The operations manual should address inspection and maintenance of the system to assure that the pipes are functional and free-flowing, and to remove clogging if it occurs."

I'd like to see this covered in our notes on the French drain system for KIF530A.

Thanks,  
Lynn

03/14/2009

TVA-00027303

**Haber, Stanley M**

---

**From:** Petty, Harold L.  
**Sent:** Thursday, April 07, 2005 9:17 AM  
**To:** Hughes, Michael  
**Cc:** Haber, Stanley M.; Purkey, Ronald E.  
**Subject:** Kif - typical section  
**Attachments:** Generalized section along swan pond road.pdf

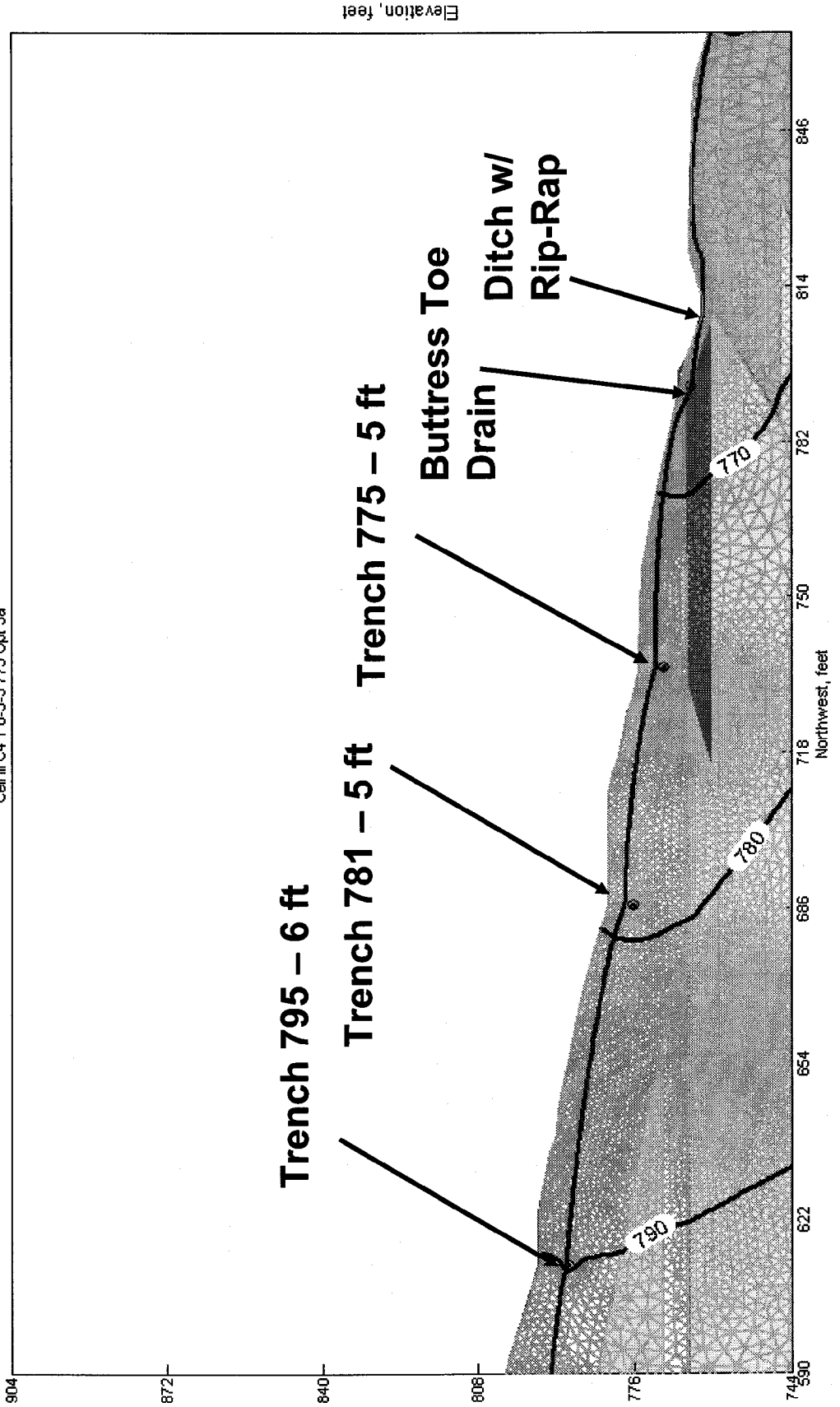
Mike:

Here is the section we talked about using for the CEC.

Thanks,  
Lynn

# FINITE ELEMENT MESH NEAR TRENCH, BUTTRESS, AND DITCH AREAS

Cell III C4 T 6-S-5.775 Opt 5a



## Haber, Stanley M

---

**From:** Bowers, Larry C  
**Sent:** Monday, January 31, 2005 7:50 PM  
**To:** Nuyt, Gary M.; Lee, Timothy W.; Dominioni, Frank E; Myers, Thomas J.; Collins, Michael J; Ross, William H.; Gean, Micheal A.; Hardy, Deanne A.; Harned, Ronald D.; Bailey, Tonya E.; Sims, Roger W.; Thompson, Traci E.; Stephens, Allan R.; Campbell, Linda F.; Reed, Jerry L.; Evans, Kelly E.; Varner, Arthur L.; Johnston, Jesse J.; Mason, Michael E.; Haber, Stanley M.; Davis, Michael D; Baugh, James S.; Stiefel, Mike; Dizer, John E; Johnson, Lindy P.; Barnes, Stephen E; Waddell, J. Thomas; Keller, Darlene; Pope, Ralph L.; Radford, Larry D.  
**Cc:** Watts, Janet K; Park, Gordon G; Petty, Harold L.; Purkey, Ronald E.; Lundy, Dennis L.; Preslar, Jacky D.  
**Subject:** Ash and Gypsum Permitting Milestones  
**Attachments:** Ash and Gypsum Permitting Milestones - jan 31 2005 revision 11 by 17.doc

Attached please find a matrix that outlines the major engineering and permitting milestones for TVA's ongoing ash and gypsum disposal projects. This matrix is current as of January 30, 2005 and should be self explanatory. It should be noted that projected dates of need for the ash disposal facilities are estimates provided by the Fuels By -Products Management group and have not been verified by Environmental Affairs. If the plant PA(E)'s could forward the matrix to interested plant personnel it would be appreciated. Feel free to contact me with any questions, comments or additions.



Ash and Gypsum  
Permitting Mile...

Larry C. Bowers  
Senior Solid Waste Specialist  
Environmental Affairs  
1101 Market Street, LP 5D  
Chattanooga, Tn 37402-2801  
423-751-4947 Fax: 423-751-7011  
Pager: 1-800-283-0028,2421  
lcbowers@tva.gov

### Ash and Gypsum Permitting Milestones (1-31-05)

Facility	Final Site Selection (EA/JPT)	HydroGeo Report (RSOE)	10% Design Review (FES)	Part I Application (EA)	50% Design Review (FES)	Part II Application (FES/EA)	ARAP/404 Permit Application (FES/EA/RSO&E)	ARAP/404 Permit Issued (State/COE)	Permit Issued (State/COE)	100% Design Review (FES)	Begin Construction (HED)	End Construction (HED)	Date facility is needed (BPM/JPT)	Facility
BRF-FGD/BA	Complete	Complete	Complete	Complete	Complete	Complete	04-15-05	04-15-06	12-15-06	01-15-07	03-01-07	11-30-07	04-01-08	BRF-FGD/BA
BRF-FA	N/A	06-30-05	05-15-05	04-15-05	08-30-05	08-30-05	N/A	N/A	09-30-07	12-30-07	03-01-08	11-30-08	12-30-08*	BRF-FA
SHF**	Complete	08-15-05	Complete	N/A	09-15-05	09-15-05	N/A	N/A	10-15-07	11-15-07	12-15-07	03-15-08	06-01-07	SHF
ALF***	09-01-05	06-01-06	11-01-05	12-01-05	05-01-06	06-01-06	TBD	TBD	06-01-08	07-15-08	08-15-08	11-30-09	09-01-06	ALF
JSF	09-15-05	09-30-06	03-01-06	06-15-06	08-15-06	11-01-06	TBD	TBD	11-01-08	11-15-08	12-01-08	09-30-09	09-01-10	JSF
JOF****	11-01-05	05-15-06	02-01-06	03-15-06	06-15-06	07-15-06	TBD	TBD	07-15-08	08-15-08	10-01-08	09-15-09	11-01-07	JOF
KIF	Complete	Complete	Complete	Complete	Complete	Complete	N/A	N/A	06-01-06	09-30-06	03-01-07	11-30-08	04-01-09	KIF
FGD/ASH														FGD/ASH
KIF-FGD Peninsula	02-15-05	08-15-05	03-01-05	06-01-05	08-15-05	10-15-05	12-01-05	12-01-06	10-15-07	12-15-07	03-01-08	11-30-08	04-01-09	KIF-FGD Peninsula
COF Ash*****	Complete	N/A	Complete	N/A	03-01-06	N/A	N/A	N/A	N/A	06-01-06	10-01-06	09-30-07	12-01-07	COF Ash

\* Assumes all Fly Ash is Dry Stacked (Dry Ash System Fixed)

\*\* Assumes Geotechnical Drilling completed and data received by 05-01-05

\*\*\* Assumes Preferred Greenfield site identified 03-01-05 & access allowed 90 days after site identification.

\*\*\*\* Assumes Preferred Greenfield site identified 05-01-05 & access allowed 90 days after site identification.

\*\*\*\*\* While no permit is required, the facility is being designed to conform to TDEC Design Requirements

Final Site Selection - Site is identified, TVA owned or optioned, and contains no fatal flaws

10% Design - Conceptual design is complete

50% design - Permit and design drawings are complete, ready for final joint review, PE stamping and submission.

Assumptions - No public opposition, NEPA proceeds concurrent with permitting, no marketing and no funding constraints

Notes - Definite dates of exhaustion of existing ash disposal capacity have not been determined at this time, dates given are best estimates provided by Fuels By-Product Management (BPM); JOF's date of need is the expiration of TransAsh's permit; FGD dates of need were provided by the JPT.

**Haber, Stanley M**

---

**From:** Bowers, Larry C  
**Sent:** Tuesday, June 29, 2004 10:57 AM  
**To:** Haber, Stanley M.; Petty, Harold L.; Purkey, Ronald E.; Smith, Daniel R.  
**Cc:** Keller, Darlene; Park, Gordon G  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

This question has been beat to death but it still will not die. We met with Darlene and worked out how permitting and NEPA would interface before the permitting package development was initiated.

-----Original Message-----

**From:** Haber, Stanley M.  
**Sent:** Tuesday, June 29, 2004 8:41 AM  
**To:** Petty, Harold L.; Bowers, Larry C; Purkey, Ronald E.; Smith, Daniel R.  
**Subject:** FW: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

For your information.

-----Original Message-----

**From:** Keller, Darlene  
**Sent:** Tuesday, June 29, 2004 8:33 AM  
**To:** Haber, Stanley M.  
**Cc:** Campbell, Linda F.  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

I talked to Gordon about these projects. The permit application for the FGD discharge has been made and a question was raised about NEPA not being completed before the permit. My response to Gordon is that the permit application is not a irreversible action, it does not reflect a decision, just options, and that water quality will be evaluated during the EA for the FGD system.

J. Darlene Keller  
SR Regulatory Specialist,  
NEPA & Remediation  
FPG - Environmental Affairs  
423-751-6640

-----Original Message-----

**From:** Haber, Stanley M.  
**Sent:** Monday, April 26, 2004 9:14 AM  
**To:** Deskins, Earl L; Gray, Deming; Holmes, James B.; Nelson, Gary R.; Campbell, Linda F.; Rehberg, Robert L.; Nale, Leslie W.  
**Cc:** Keller, Darlene; Petty, Harold L.; Powell, Ronald D.; Miller, Evelyn C.; Hedgecoth, Melissa A.; Smith, Daniel R.  
**Subject:** Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Last Friday in our monthly projects meeting we discussed the upcoming FGD projects. Two related project scopes that we discussed are the replacement of the ash pond weirs (KIF531) and the development of dry fly ash storage (KIF530). At this point in time I think that the draft EMPs give a clearer picture of the proposed scope than the PJs do. I am attaching the draft EMPs for these two projects for your information and comment.

03/14/2009

TVA-00027308

Please let me know if you have any questions.

Stan Haber  
751.3838  
423.580.4830

03/14/2009

TVA-00027309



**Haber, Stanley M**

---

**From:** Haber, Stanley M.  
**Sent:** Tuesday, June 29, 2004 8:41 AM  
**To:** Petty, Harold L.; Bowers, Larry C; Purkey, Ronald E.; Smith, Daniel R.  
**Subject:** FW: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

<b>Tracking:</b>	<b>Recipient</b>	<b>Delivery</b>
	Petty, Harold L.	Delivered: 06/29/2004 8:41 AM
	Bowers, Larry C	Delivered: 06/29/2004 8:41 AM
	Purkey, Ronald E.	Delivered: 06/29/2004 8:41 AM
	Smith, Daniel R.	

For your information.

-----Original Message-----

**From:** Keller, Darlene  
**Sent:** Tuesday, June 29, 2004 8:33 AM  
**To:** Haber, Stanley M.  
**Cc:** Campbell, Linda F.  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

I talked to Gordon about these projects. The permit application for the FGD discharge has been made and a question was raised about NEPA not being completed before the permit. My response to Gordon is that the permit application is not a irreversible action, it does not reflect a decision, just options, and that water quality will be evaluated during the EA for the FGD system.

J. Darlene Keller  
SR Regulatory Specialist,  
NEPA & Remediation  
FPG - Environmental Affairs  
423-751-6640

-----Original Message-----

**From:** Haber, Stanley M.  
**Sent:** Monday, April 26, 2004 9:14 AM  
**To:** Deskins, Earl L; Gray, Deming; Holmes, James B.; Nelson, Gary R.; Campbell, Linda F.; Rehberg, Robert L.; Nale, Leslie W.  
**Cc:** Keller, Darlene; Petty, Harold L.; Powell, Ronald D.; Miller, Evelyn C.; Hedgecoth, Melissa A.; Smith, Daniel R.  
**Subject:** Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Last Friday in our monthly projects meeting we discussed the upcoming FGD projects. Two related project scopes that we discussed are the replacement of the ash pond weirs (KIF531) and the development of dry fly ash storage (KIF530). At this point in time I think that the draft EMPs give a clearer picture of the proposed scope than the PJs do. I am attaching the draft EMPs for these two projects for your information and comment.

Please let me know if you have any questions.

03/14/2009

TVA-00027310

Stan Haber  
751.3838  
423.580.4830

03/14/2009

TVA-00027311

**Haber, Stanley M**

---

**From:** Keller, Darlene  
**Sent:** Tuesday, June 29, 2004 8:33 AM  
**To:** Haber, Stanley M.  
**Cc:** Campbell, Linda F.  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

I talked to Gordon about these projects. The permit application for the FGD discharge has been made and a question was raised about NEPA not being completed before the permit. My response to Gordon is that the permit application is not a irreversible action, it does not reflect a decision, just options, and that water quality will be evaluated during the EA for the FGD system.

J. Darlene Keller  
SR Regulatory Specialist,  
NEPA & Remediation  
FPG - Environmental Affairs  
423-751-6640

-----Original Message-----

**From:** Haber, Stanley M.  
**Sent:** Monday, April 26, 2004 9:14 AM  
**To:** Deskins, Earl L; Gray, Deming; Holmes, James B.; Nelson, Gary R.; Campbell, Linda F.; Rehberg, Robert L.; Nale, Leslie W.  
**Cc:** Keller, Darlene; Petty, Harold L.; Powell, Ronald D.; Miller, Evelyn C.; Hedgecoth, Melissa A.; Smith, Daniel R.  
**Subject:** Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Last Friday in our monthly projects meeting we discussed the upcoming FGD projects. Two related project scopes that we discussed are the replacement of the ash pond weirs (KIF531) and the development of dry fly ash storage (KIF530). At this point in time I think that the draft EMPs give a clearer picture of the proposed scope than the PJs do. I am attaching the draft EMPs for these two projects for your information and comment.

Please let me know if you have any questions.

Stan Haber  
751.3838  
423.580.4830

03/14/2009

TVA-00027312

**Haber, Stanley M**

---

**From:** Bowers, Larry C  
**Sent:** Monday, April 26, 2004 10:47 AM  
**To:** Haber, Stanley M.; Miller, Evelyn C.  
**Cc:** Powell, Ronald D.; Petty, Harold L.; Davis, Michael D  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

The plans call for wet stacking to continue and a switch to dry fly ash to occur once the space for wet stacking is exhausted. The remaining capacity in the ash pond complex will then be utilized by dry stacking. Hope this helps.

-----Original Message-----

**From:** Haber, Stanley M.  
**Sent:** Monday, April 26, 2004 10:12 AM  
**To:** Miller, Evelyn C.  
**Cc:** Bowers, Larry C; Powell, Ronald D.; Petty, Harold L.; Davis, Michael D  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Thanks for the clarification. I picked up the phrase "dry fly ash storage" from the FPEP project list for the yard projects. If this is not a correct description, then we probably need to provide an accurate one to Mike Davis.

Stan

-----Original Message-----

**From:** Miller, Evelyn C.  
**Sent:** Monday, April 26, 2004 10:04 AM  
**To:** Haber, Stanley M.  
**Cc:** Bowers, Larry C; Powell, Ronald D.  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Just for clarification. This is not what we would normally refer to as a "dry" stack since as far as I know we will still be handling everything wet (unless there is a plan to convert to dry fly ash handling???). We normally refer to these as wet stacks where material is dredged or reclaimed from a wet pond and stacked. Call me if you have any questions. Cheri

-----Original Message-----

**From:** Haber, Stanley M.  
**Sent:** Monday, April 26, 2004 9:14 AM  
**To:** Deskins, Earl L; Gray, Deming; Holmes, James B.; Nelson, Gary R.; Campbell, Linda F.; Rehberg, Robert L.; Nale, Leslie W.  
**Cc:** Keller, Darlene; Petty, Harold L.; Powell, Ronald D.; Miller, Evelyn C.; Hedgecoth, Melissa A.; Smith, Daniel R.  
**Subject:** Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Last Friday in our monthly projects meeting we discussed the upcoming FGD projects. Two related project scopes that we discussed are the replacement of the ash pond weirs (KIF531) and the development of dry fly ash storage (KIF530). At this point in time I think that the draft EMPs give a clearer picture of the proposed scope than the PJs do. I am attaching the draft EMPs for these two projects for your information and comment.

Please let me know if you have any questions.

Stan Haber  
751.3838  
423.580.4830

03/14/2009

TVA-00027314

**Haber, Stanley M**

---

**From:** Haber, Stanley M.  
**Sent:** Monday, April 26, 2004 10:12 AM  
**To:** Miller, Evelyn C.  
**Cc:** Bowers, Larry C; Powell, Ronald D.; Petty, Harold L.; Davis, Michael D  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Thanks for the clarification. I picked up the phrase "dry fly ash storage" from the FPEP project list for the yard projects. If this is not a correct description, then we probably need to provide an accurate one to Mike Davis.

Stan

-----Original Message-----

**From:** Miller, Evelyn C.  
**Sent:** Monday, April 26, 2004 10:04 AM  
**To:** Haber, Stanley M.  
**Cc:** Bowers, Larry C; Powell, Ronald D.  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Just for clarification. This is not what we would normally refer to as a "dry" stack since as far as I know we will still be handling everything wet (unless there is a plan to convert to dry fly ash handling???). We normally refer to these as wet stacks where material is dredged or reclaimed from a wet pond and stacked. Call me if you have any questions. Cheri

-----Original Message-----

**From:** Haber, Stanley M.  
**Sent:** Monday, April 26, 2004 9:14 AM  
**To:** Deskins, Earl L; Gray, Deming; Holmes, James B.; Nelson, Gary R.; Campbell, Linda F.; Rehberg, Robert L.; Nale, Leslie W.  
**Cc:** Keller, Darlene; Petty, Harold L.; Powell, Ronald D.; Miller, Evelyn C.; Hedgecoth, Melissa A.; Smith, Daniel R.  
**Subject:** Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Last Friday in our monthly projects meeting we discussed the upcoming FGD projects. Two related project scopes that we discussed are the replacement of the ash pond weirs (KIF531) and the development of dry fly ash storage (KIF530). At this point in time I think that the draft EMPs give a clearer picture of the proposed scope than the PJs do. I am attaching the draft EMPs for these two projects for your information and comment.

Please let me know if you have any questions.

Stan Haber  
751.3838  
423.580.4830

03/14/2009

TVA-00027315

**Haber, Stanley M**

---

**From:** Miller, Evelyn C.  
**Sent:** Monday, April 26, 2004 10:04 AM  
**To:** Haber, Stanley M.  
**Cc:** Bowers, Larry C; Powell, Ronald D.  
**Subject:** RE: Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Just for clarification. This is not what we would normally refer to as a "dry" stack since as far as I know we will still be handling everything wet (unless there is a plan to convert to dry fly ash handling???). We normally refer to these as wet stacks where material is dredged or reclaimed from a wet pond and stacked. Call me if you have any questions. Cheri

-----Original Message-----

**From:** Haber, Stanley M.  
**Sent:** Monday, April 26, 2004 9:14 AM  
**To:** Deskins, Earl L; Gray, Deming; Holmes, James B.; Nelson, Gary R.; Campbell, Linda F.; Rehberg, Robert L.; Nale, Leslie W.  
**Cc:** Keller, Darlene; Petty, Harold L.; Powell, Ronald D.; Miller, Evelyn C.; Hedgecoth, Melissa A.; Smith, Daniel R.  
**Subject:** Kingston Ash Pond-Related Projects (Draft EMPs for KIF530 and KIF531)

Last Friday in our monthly projects meeting we discussed the upcoming FGD projects. Two related project scopes that we discussed are the replacement of the ash pond weirs (KIF531) and the development of dry fly ash storage (KIF530). At this point in time I think that the draft EMPs give a clearer picture of the proposed scope than the PJs do. I am attaching the draft EMPs for these two projects for your information and comment.

Please let me know if you have any questions.

Stan Haber  
751.3838  
423.580.4830

03/14/2009

TVA-00027316

**Haber, Stanley M**

---

**From:** Haber, Stanley M.  
**Sent:** Thursday, April 15, 2004 2:49 PM  
**To:** Powell, Ronald D.; Hedgecoth, Melissa A.; Smith, Daniel R.  
**Cc:** Petty, Harold L.; Nash, Lee A.  
**Subject:** Ash Blitz Projects: KIF530 and 531: EMPs  
**Attachments:** KIF530 EMP\_Appendix H.doc; KIF531 EMP\_Appendix H.doc

Dear Team,

Ron Powell and I have drafted the attached EMPs for the ash blitz projects at Kingston (KIF530 and KIF531). I would like you to review these prior to me sending them to Linda Campbell (KIF) and Darlene Keller for comments.

Please review the scopes and comment as needed. (Dan: please provide the appropriate CEC number for the work on KIF530/dredge cell expansion). Comments are needed by close-of-business 4/16/04.

Thanks.

Stan  
3838-C  
580-4830

03/14/2009

TVA-00027317



**Appendix A**

Page 1 of 6

**Project Environmental Management Plan Outline**

Prepared by: S.M. Haber/R. D. Powell Date: 4/15/04

**1. Detail Description of Project:**

KIF530: Scope will include expansion of dredge cell adjacent to existing dredge cell by construction of a new dike (CEC #---). Scope also includes development of a waste stack for flyash, bottom ash, and gypsum within the existing perimeter dikes of the active ash disposal area (involving a future environmental assessment.)

		<b>Environmental Concern?</b>		<b>Control Measures to be used</b>
		<u>YES</u>	<u>NO</u>	
<b>2. Potential environmental issues</b>				
<b>A. Air</b>				
1.	Fugitive Emissions:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>control of dusting</u>
2.	Open Burning:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	New Source Review:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>B. Water</b>				
1.	Site / Erosion Control:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>for waste stacks and dike slopes</u>
2.	Sewage:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Contaminated Runoff:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>runoff will be controlled within diked area</u>
4.	Process Wastewater (adding pollutants or rerouting flows):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5.	Potentially affect:			
5a.	Surface Water:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5b.	Groundwater:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>stack will have less impact than existing ash pond</u>
5c.	Drinking Water Supply or Potable Water:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5d.	Wild or Scenic Rivers or Their Tributaries:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____

## Appendix A

Page 2 of 6

### Project Environmental Management Plan Outline

		<u>Environmental Concern?</u>		<u>Control Measures to be used</u>
		<u>YES</u>	<u>NO</u>	
5e.	Stream on the Nationwide Rivers Inventory:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5f.	Wetlands, Waterflow, Stream Channels, ditches or Stream Banks:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5g.	100-Year Floodplain:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5h.	Unique or Aquatic Habitat:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
6.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>C. Solid Waste</b>				
1.	Garbage:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Construction/Demolition Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Clearing Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Sandblasting Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5.	Oil Contaminated Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
6.	Other (e.g., sand, glass, etc.): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>D. Hazardous Waste</b>				
1.	Painting Waste (solvents, etc.):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Sandblasting Waste (Hazardous):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Degreasing Solvents:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Corrosive Wastes (acids, caustics):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5.	Pesticides:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
6.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>E. Asbestos</b>				
1.	Insulation Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Roofing Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Floor Tile Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____

**Appendix A**

**Project Environmental Management Plan Outline**

		<b>Environmental Concern?</b>		<b>Control Measures to be used</b>
		<b><u>YES</u></b>	<b><u>NO</u></b>	
4.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>F.</b>	<b>PCB</b>			
1.	Handling & Storage:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Liquid Waste Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Equipment Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Contaminated Debris Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5.	Other (capacitors, transformers, etc.): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>G.</b>	<b>SPCC/BMP</b>			
1.	Fuel/Lube/Insulating oil Storage:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Oil Transfer (Procedure):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>H.</b>	<b>Underground Storage Tanks (UST's)</b>			
1.	Contaminated Soil:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Tank Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>I.</b>	<b>Above-ground Storage Tanks (AST's)</b>			
1.	Contaminated Soil:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Tank Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>J.</b>	<b>Plant or Animal</b>			
1.	Potentially affect:			
	Endangered, threatened ,or Special Status Species:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
	Migratory bird populations:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____

**Appendix A**

**Project Environmental Management Plan Outline**

		<b>Environmental Concern?</b>		<b>Control Measures to be used</b>
		<b><u>YES</u></b>	<b><u>NO</u></b>	
	Unique or important terrestrial habitat:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Potentially take prime or unique farmland out of production:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Contribute to the spread of exotic or invasive species:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>K.</b>	<b>Other:</b>			
1.	Potentially affect:			
	Ecologically critical areas, federal, state, or local park lands, national or state forests, wilderness areas, scenic areas, management wildlife areas, recreational areas, greenways, or trails:	<input type="checkbox"/>		_____
	Historic structures, historic sites, Native American religious or Cultural properties, or archaeological sites:	<input type="checkbox"/>		_____

**Appendix A**

**Project Environmental Management Plan Outline**

3.	Environmental Permits/Notifications	Permit Received?		Type	Date of Notification
		Y	N		
A.	Air:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
B.	Water:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>NPDES</u>	<u>Verify no impact to discharge permits</u>
C.	Hazardous Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
D.	Asbestos:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
E.	PCB:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
F.	UST's / AST's:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
G.	Solid Waste:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____	<u>Going from wet pond to dry stack</u>
H.	Other (i.e., Spill Notification): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____

4.	Employee Training	Required?		Provided / Verified
		Y	N	
A.	Hazardous Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
B.	Asbestos Competent Person	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
C.	Emergency Spill/ Prevention	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
D.	OSHA 1910.120	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
E.	Other (e.g., Ammonia Awareness): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____

- 5. Emergency Response**
- Is the Site Emergency Response Plan adequate for this project? If not, a copy of any required additions must be attached to this plan.      Yes       No
- Are all environmental concerns addressed in a generic CEC (see Appendix E)? If not, prepare a project-specific CEC.**      Yes       No
- Do project activities result in environmental concerns?      Yes       No
- Are all Appendix E?      Yes       No

**Appendix A**

Page 6 of 6

**Project Environmental Management Plan Outline**

If not, prepare a project-specific CEC.

Is a CEC required for this project?

Yes  No

Signatures

Date

Project  
Initiator/Manager:

\_\_\_\_\_

Site PA(E):

\_\_\_\_\_

Other Signatures:  
(as appropriate)

\_\_\_\_\_

Filed in EDMS

\_\_\_\_\_

**Appendix A**

**Project Environmental Management Plan Outline**

Prepared by: S.M. Haber/R. D. Powell Date: 4/15/04

**1. Detail Description of Project:**

KIF531: Scope includes replacement of existing weir (sealed and abandoned in place). It also includes the design and installation of a new weir system.

		<b>Environmental Concern?</b>		<b>Control Measures to be used</b>
		<b><u>YES</u></b>	<b><u>NO</u></b>	
<b>2. Potential environmental issues</b>				
<b>A. Air</b>				
1.	Fugitive Emissions:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Open Burning:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	New Source Review:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>B. Water</b>				
1.	Site / Erosion Control:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Sewage:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Contaminated Runoff:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Process Wastewater (adding pollutants or rerouting flows):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5.	Potentially affect:			
5a.	Surface Water:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5b.	Groundwater:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5c.	Drinking Water Supply or Potable Water:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5d.	Wild or Scenic Rivers or Their Tributaries:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5e.	Stream on the Nationwide Rivers Inventory:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5f.	Wetlands, Waterflow, Stream Channels, ditches or Stream Banks:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____

**Appendix A**

**Project Environmental Management Plan Outline**

		<b>Environmental Concern?</b>		<b>Control Measures to be used</b>
		<b>YES</b>	<b>NO</b>	
5g.	100-Year Floodplain:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5h.	Unique or Aquatic Habitat:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
6.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>C.</b>	<b>Solid Waste</b>			
1.	Garbage:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Construction/Demolition Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Clearing Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Sandblasting Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5.	Oil Contaminated Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
6.	Other (e.g., sand, glass, etc.): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>D.</b>	<b>Hazardous Waste</b>			
1.	Painting Waste (solvents, etc.):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Sandblasting Waste (Hazardous):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Degreasing Solvents:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Corrosive Wastes (acids, caustics):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5.	Pesticides:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
6.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>E.</b>	<b>Asbestos</b>			
1.	Insulation Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Roofing Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Floor Tile Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>F.</b>	<b>PCB</b>			
1.	Handling & Storage:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____



**Appendix A**

**Project Environmental Management Plan Outline**

		<b>Environmental Concern?</b>		<b>Control Measures to be used</b>
		<b><u>YES</u></b>	<b><u>NO</u></b>	
2.	Liquid Waste Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Equipment Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.	Contaminated Debris Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
5.	Other (capacitors, transformers, etc.): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>G. SPCC/BMP</b>				
1.	Fuel/Lube/Insulating oil Storage:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Oil Transfer (Procedure):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>H. Underground Storage Tanks (UST's)</b>				
1.	Contaminated Soil:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Tank Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>I. Above-ground Storage Tanks (AST's)</b>				
1.	Contaminated Soil:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Tank Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.	Other: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>J. Plant or Animal</b>				
1.	Potentially affect:			
	Endangered, threatened ,or Special Status Species:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
	Migratory bird populations:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
	Unique or important terrestrial habitat:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.	Potentially take prime or unique farmland out of production:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____

Appendix A

Project Environmental Management Plan Outline

		<u>Environmental Concern?</u>		<u>Control Measures to be used</u>
		<u>YES</u>	<u>NO</u>	
3.	Contribute to the spread of exotic or invasive species:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
<b>K.</b>	<b>Other:</b>			
1.	Potentially affect:			
	Ecologically critical areas, federal, state, or local park lands, national or state forests, wilderness areas, scenic areas, management wildlife areas, recreational areas, greenways, or trails:	<input type="checkbox"/>		_____
	Historic structures, historic sites, Native American religious or Cultural properties, or archaeological sites:	<input type="checkbox"/>		_____

**Appendix A**

**Project Environmental Management Plan Outline**

3.	Environmental Permits/Notifications	Permit Received?		Type	Date of Notification
		Y	N		
A.	Air:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
B.	Water:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	<u>Discharge point to stilling pool only changed</u>
C.	Hazardous Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
D.	Asbestos:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
E.	PCB:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
F.	UST's / AST's:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
G.	Solid Waste:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____
H.	Other (i.e., Spill Notification): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____

4.	Employee Training	Required?		Provided / Verified
		Y	N	
A.	Hazardous Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
B.	Asbestos Competent Person	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
C.	Emergency Spill/ Prevention	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
D.	OSHA 1910.120	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
E.	Other (e.g., Ammonia Awareness): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____

**5. Emergency Response**

Is the Site Emergency Response Plan adequate for this project? If not, a copy of any required additions must be attached to this plan.      Yes       No

Are all environmental concerns addressed in a generic CEC (see Appendix E)? If not, prepare a project-specific CEC.      Yes       No

Do project activities result in environmental concerns?      Yes       No

Are all Appendix E?      Yes       No

**Appendix A**

Page 6 of 6

**Project Environmental Management Plan Outline**

If not, prepare a project-specific CEC.

Is a CEC required for this project?

Yes  No

**Signatures**

**Date**

Project  
Initiator/Manager:

\_\_\_\_\_

Site PA(E):

\_\_\_\_\_

Other Signatures:  
(as appropriate)

\_\_\_\_\_

Filed in EDMS

\_\_\_\_\_