

### Time-Critical Concurrence

**Area:**

Emory River, Segment 1, B-27, C-27, and D-27

**Agreement:**

Ash removal activities have been completed in Segment 1 for dredge grids B-27, C-27, and D-27.

The bathymetric survey completed on 5/26/10 indicates that there was significant removal of recoverable ash in grids B-27, C-27, and D-27. In addition, the attached dredge shift records for the Addison 14" dredge indicate that dredging operations had reached refusal prior to the targeted depth due to material too massive or durable to be hydraulically dredged, such as bedrock or native sediments, at grid C-27.

These results indicate that there is no remaining recoverable ash in Segment 1 for grids B-27, C-27, and D-27.

**Attachments:**

Figure 5, Ash Remaining to Pre-Spill Surface Segments 1, 2, 3 and 5, dated 2/25/10.

Figure 1, Ash Remaining Through Severson 05-26 Survey, dated 5/26/10.

Figure 1, Bathymetry Removal Areas - Segment 5, B-27, C-27, and D-27 dated 5/26/10.

Segment 1, Daily Dredge Logs - Addison 5/22/10.

**Concurrence Comments:**

Julie L. Pfeiffer  
Jacobs Project Manager

Kathryn Nash  
Tennessee Valley Authority

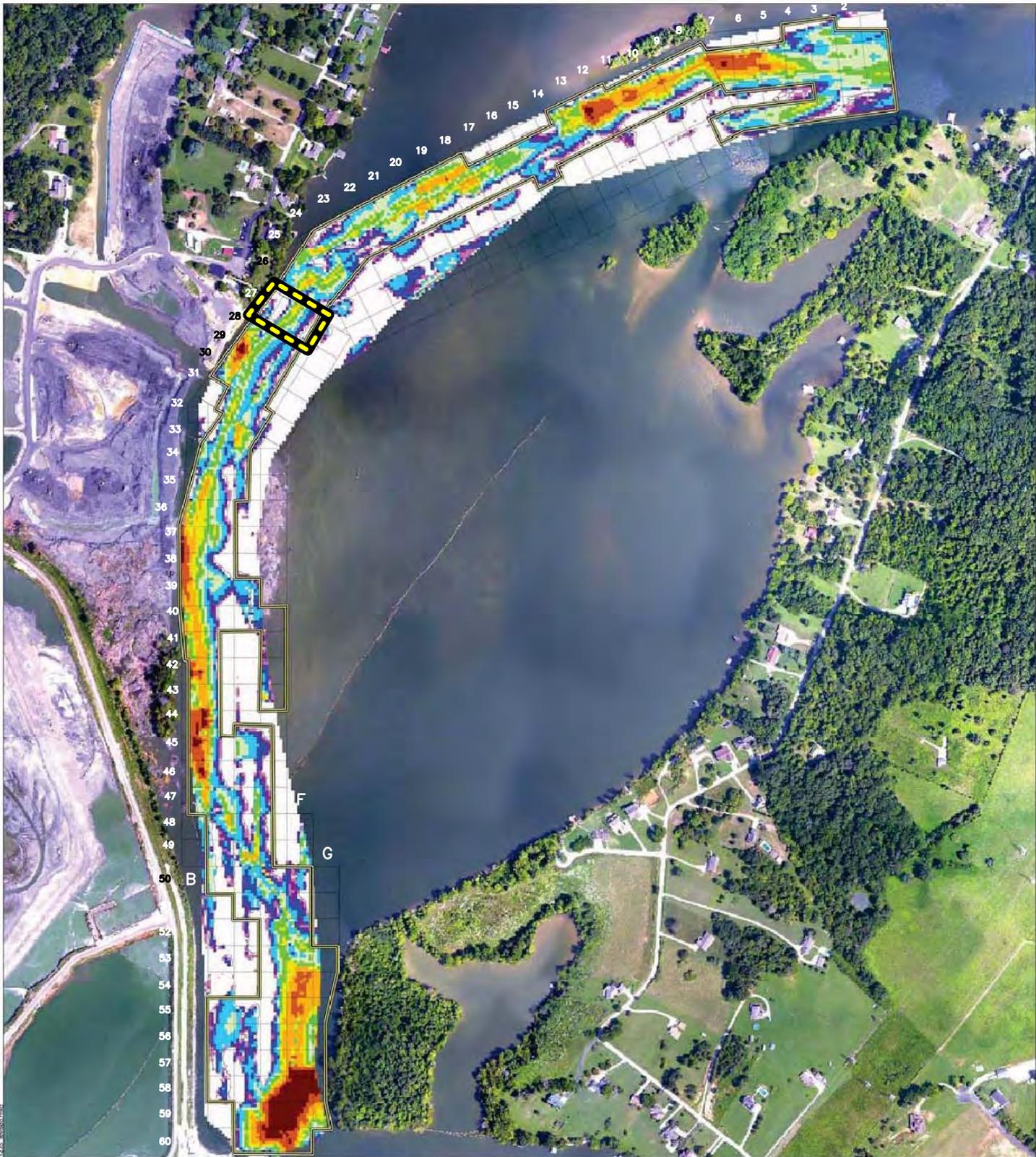
Leo Frank  
U. S. Environmental Protection Agency

5/26/10  
Date

5/27/10  
Date

5/27/10  
Date

*Consulted w/ TDEC*



**Legend**

**Ash Remaining: ~438,592 cy**

- |                            |                        |
|----------------------------|------------------------|
| 0 - 1 inch: ~39 cy         | 15 - 15 ft: ~61,785 cy |
| 1 - 6 inches: ~1,315 cy    | 16 - 20 ft: ~62,820 cy |
| 6 inches - 1 ft: ~3,302 cy | > 20 ft: ~56,629 cy    |
| 1 - 2 ft: ~14,177 cy       |                        |
| 2 - 4 ft: ~45,426 cy       |                        |
| 4 - 6 ft: ~57,924 cy       |                        |
| 6 - 8 ft: ~57,980 cy       |                        |
| 8 - 10 ft: ~46,704 cy      |                        |

Proposed Dredge Area

Area of Interest



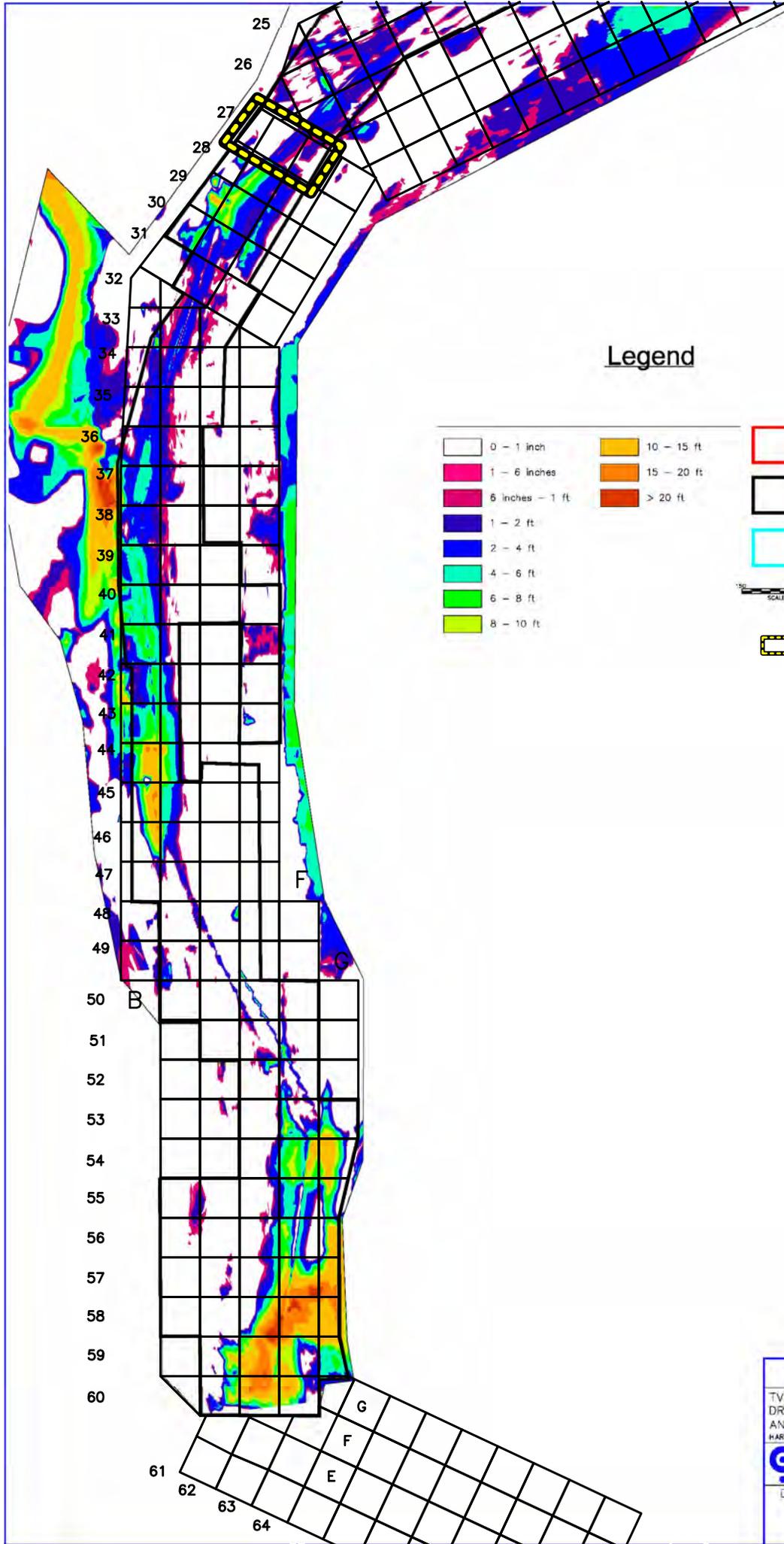
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**Ash Remaining to Pre-Spill  
Surface Segments 1, 2, 3, and 5**

NAME: croberis DATE: 6/25/2010

Figure 5

X:\SVA\Bentley\030\_4500\301002626\0301002626.dwg:shhman:mike\_w 11/15/08 10:44:47 am



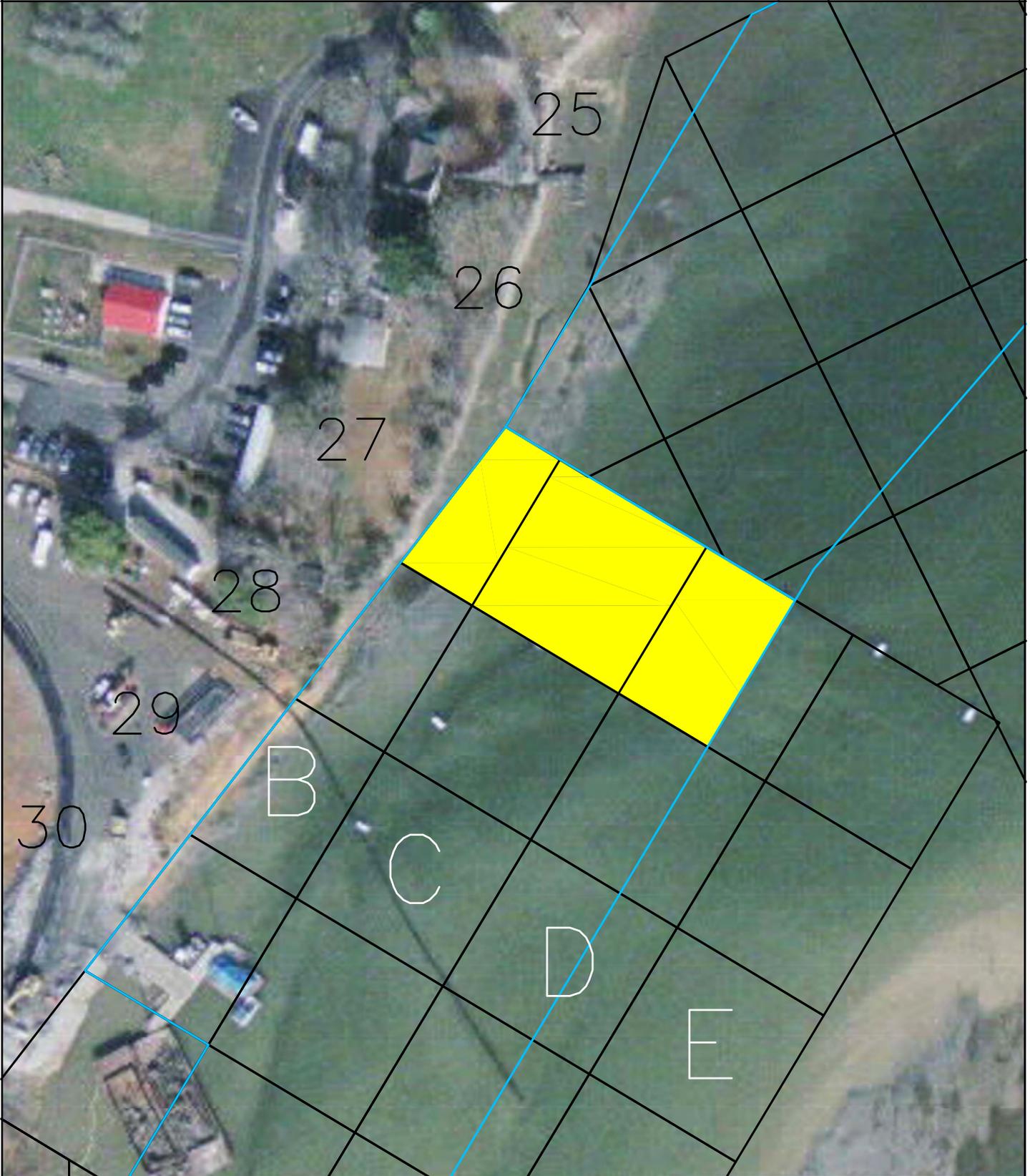
**Legend**

- |                 |            |                       |
|-----------------|------------|-----------------------|
| 0 - 1 inch      | 10 - 15 ft | River Segments        |
| 1 - 6 inches    | 15 - 20 ft | Proposed Dredge Areas |
| 6 inches - 1 ft | > 20 ft    | Surveyed Areas        |
| 1 - 2 ft        |            |                       |
| 2 - 4 ft        |            |                       |
| 4 - 6 ft        |            |                       |
| 6 - 8 ft        |            |                       |
| 8 - 10 ft       |            |                       |
|                 |            | Area of Interest      |

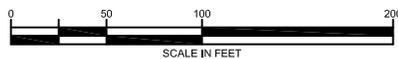
SCALE IN FEET

<b>ASH REMAINING THROUGH SEVENSON 05-26 SURVEY</b>	
TVA DREDGING OF THE EMORY RIVER AND ASH PROCESSING HARRIMAN, TN	
<b>SEVENSON ENVIRONMENTAL SERVICES, INC.</b>	
DRAWING	DATE: MAY 26, 2010
	DRAWN BY: DAB
	CHECKED BY: NJ
Figure 1	CAD FILE: VOLUME REMAINING 05-26
	SCALE:

# Bathymetry Removal Areas - Segment 1



-  Removed From Plan
-  E-trac Dredging Path



**JACOBS**<sup>™</sup>

05/26/10

Figure 1



27-c

Addison  
5-22-10  
night shift

