

### Time-Critical Concurrence

**Area:**

Emory River, Segment 1, B-47, C-35 through C-42, C-47 & C-48; D-31 through D-35

**Agreement:**

Ash removal activities have been completed in Segment 1 for dredge grids B-47, C-35 through C-42, C-47 & C-48; D-31 through D-35.

The bathymetric survey completed on 5/10/10 indicates that there is no remaining recoverable ash in grids B-47, C-35 through C-42, C-47 & C-48; D-31 through D-35.

**Attachments:**

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

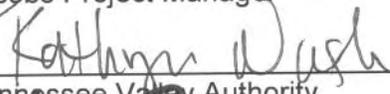
Figure 1, Ash Remaining Through Severson 05-10 Survey, dated 5/11/10

Figure 2, Bathymetry Removal Areas - Segment 1, B-47, C-35 through C-42, C-47 & C-48; D-31 through D-35, dated 5/12/10

**Concurrence Comments:**

  
\_\_\_\_\_  
Jacobs Project Manager

3/13/10  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Tennessee Valley Authority

5/14/10  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
U. S. Environmental Protection Agency

5/14/10  
\_\_\_\_\_  
Date

*Consulted w/ TDEC*



**Legend**

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

- 0 - 1 inch: -32 cy
- 1 - 6 inches: -1,315 cy
- 6 inches - 1 ft: -3,802 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: -
- 10 - 15 ft: -91,783 cy
- 15 - 20 ft: -62,820 cy
- > 20 ft: -56,629 cy

Proposed Dredge Area

Area of Interest

**DRAFT**  
0 300 600  
Feet



**JACOBS**

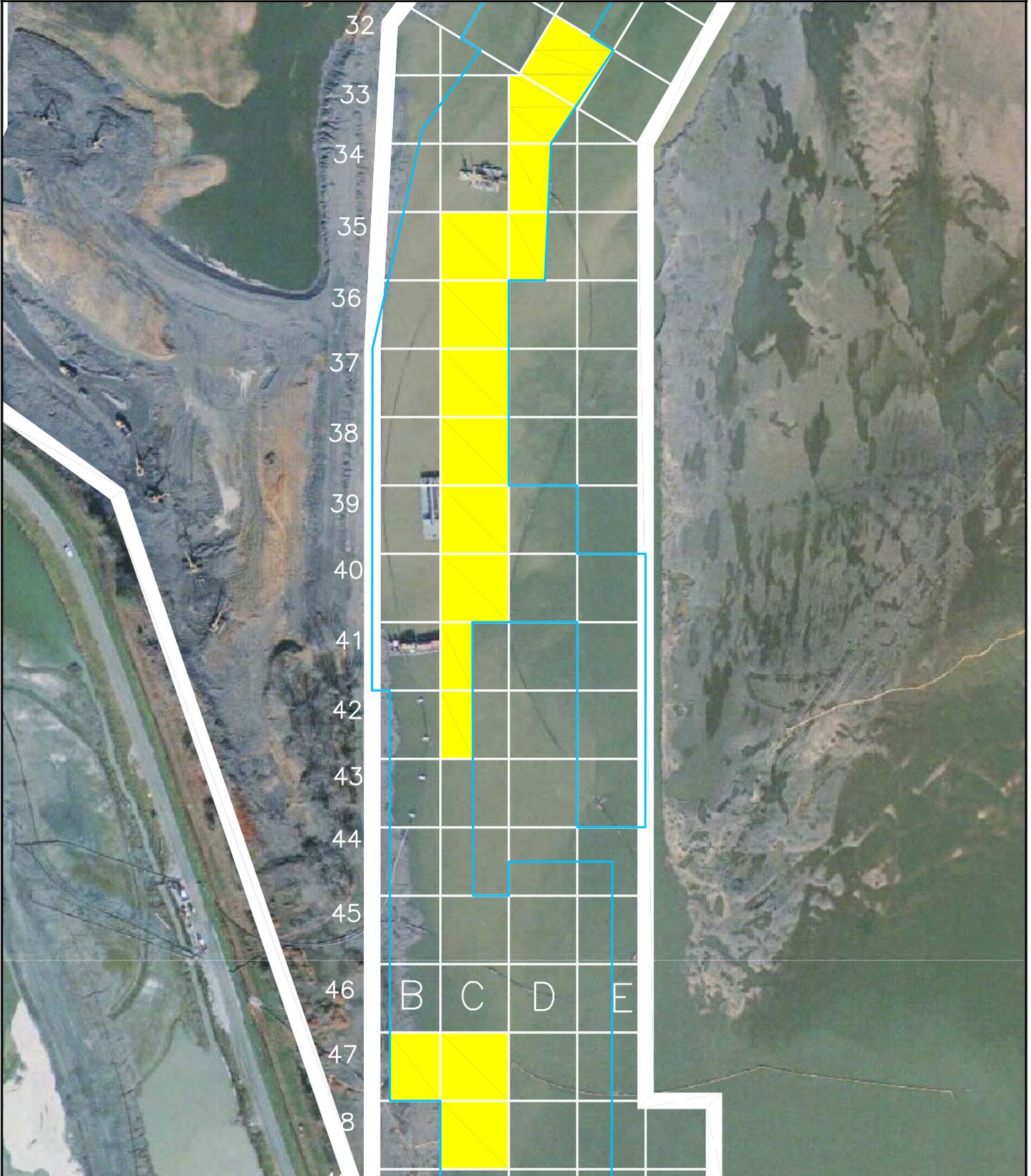
**Ash Remaining to Pre-Spill  
Surface Segments 1, 2, 3, and 5**

NAME: croberts DATE: 02/25/2010

Figure 5

X:\TVA\Projects\020\_0450\0201002\0201002\GIS\Information\...\_11125\_...\_mxd.mxd

# Bathymetry Removal Areas - Segment 1



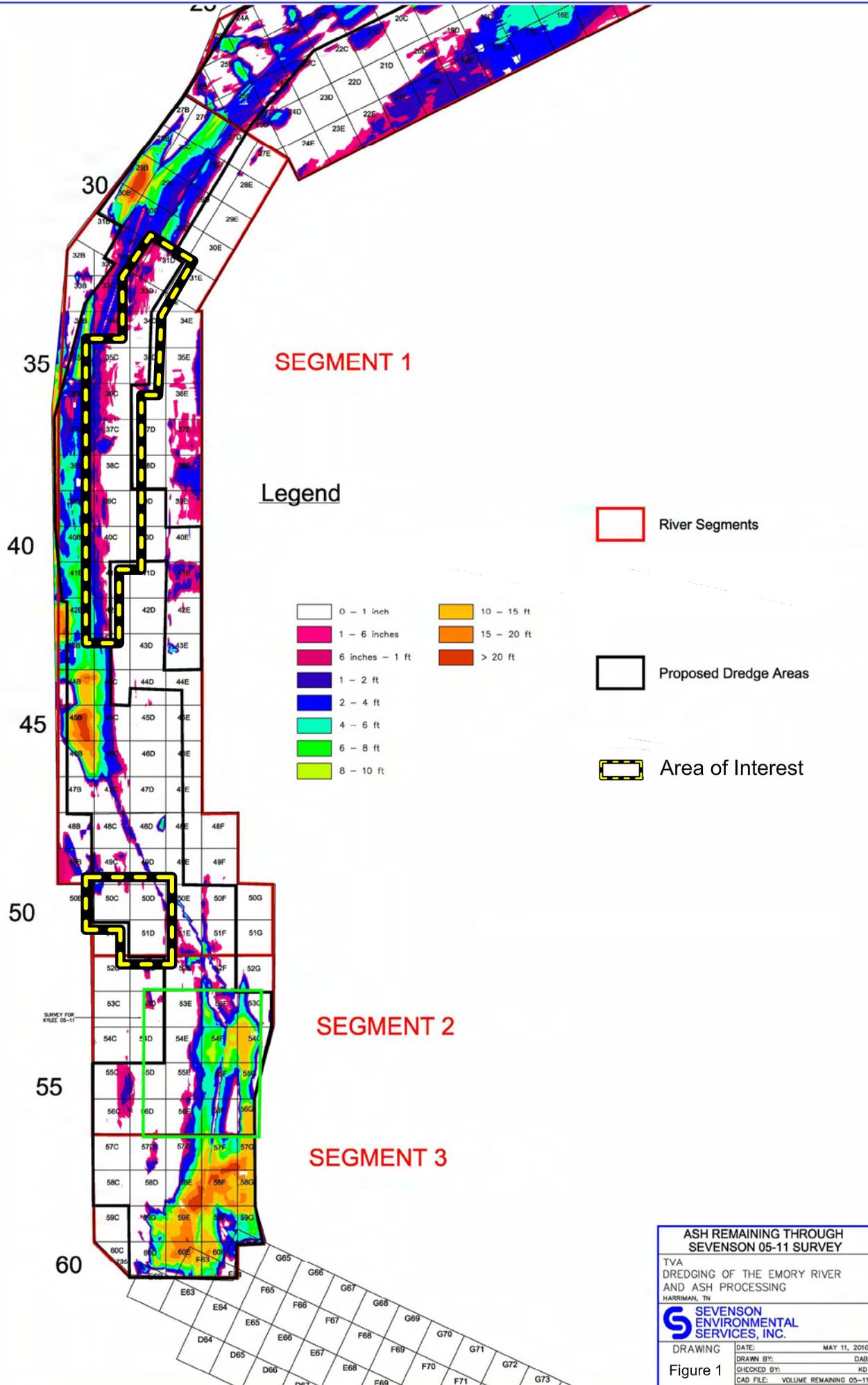
- Removed From Plan
- Phase 2 Dredging Path



**JACOBS**<sup>™</sup>

05/12/10

Figure 2



**SEGMENT 1**

Legend

- 0 - 1 inch
- 1 - 6 inches
- 6 inches - 1 ft
- 1 - 2 ft
- 2 - 4 ft
- 4 - 6 ft
- 6 - 8 ft
- 8 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- > 20 ft

- River Segments
- Proposed Dredge Areas
- Area of Interest

**SEGMENT 2**

**SEGMENT 3**

<b>ASH REMAINING THROUGH SEVENSON 05-11 SURVEY</b>	
TVA DREDGING OF THE EMORY RIVER AND ASH PROCESSING HARRIMAN, TN	
<b>SEVENSON ENVIRONMENTAL SERVICES, INC.</b>	
DRAWING	DATE: MAY 11, 2010
Figure 1	DRAWN BY: DAB
	CHECKED BY: KD
	CAD FILE: VOLUME REMAINING 05-11

