

Time-Critical Concurrence

<p>Area: Emory River, Segment 2, G-53 to G-56</p>
<p>Agreement:</p> <p>Ash removal activities have been completed in Segment 2 for grids G-53 to G-56. These activities were completed during Phase 1 dredging with the Sandpiper. Because excessive rocks and hard digging were encountered in these grids and in surrounding grids, no Phase 2 effort was made. A Phase 2 effort in adjacent grids had no success in reaching target elevations.</p> <p>Documentation for completion of the grids includes a combination of a) results of post dredging bathymetric survey and b) refusal by dredging operations to reaching targeted depth due to excessive rock and thereby non-productive dredging conditions.</p> <ul style="list-style-type: none"> a) The post-Phase 1 dredging bathymetric survey was used to illustrate the amount of material that was removed. The attached 3-D figure is from January 2010 and shows the effort made by the Sandpiper. As seen in a comparison between the dredge plan addendum figure (Figure 5) and the final bathymetry for the area dated 5/5/10, no additional dredging occurred during Phase 2. b) The attached Sandpiper dredge report of operations indicates the hydraulic cutter-head dredge encountered wood and rocks. These reports were selected on the basis of the coordinate locations (grid numbers are not marked on the sheets). As with the adjacent grids F-53 through F-56, refusal and non-productive dredging occurred at elevations below where dredging stopped. <p>These results indicate that there is no remaining recoverable ash in G-53 to G-56.</p> <p>Attachments: Figure 1, Emory River Bathymetry; Dredge Progress Shown through 01/08/10 for the Sandpiper; 01/11/10 for the McKenzie, and 01/08/10 for the Kylee Figure 5, Ash Remaining to Pre-Spill Surface in Segment 1,2,3 & 5, dated 2/25/10 Figure 1, Ash Remaining through Severson 05-15 Survey, dated 5/5/10 Figure 1, Bathymetry Removal Areas – Segment 2, dated 5/17/10 Segment 2, Selected Daily Dredge Logs – Sandpiper</p>
<p>Concurrence Comments:</p>

Julie L. Puff
 Jacobs Project Manager

5/19/10
 Date

Kathryn Nash
 Tennessee Valley Authority

5/19/10
 Date

[Signature]
 U.S. Environmental Protection Agency

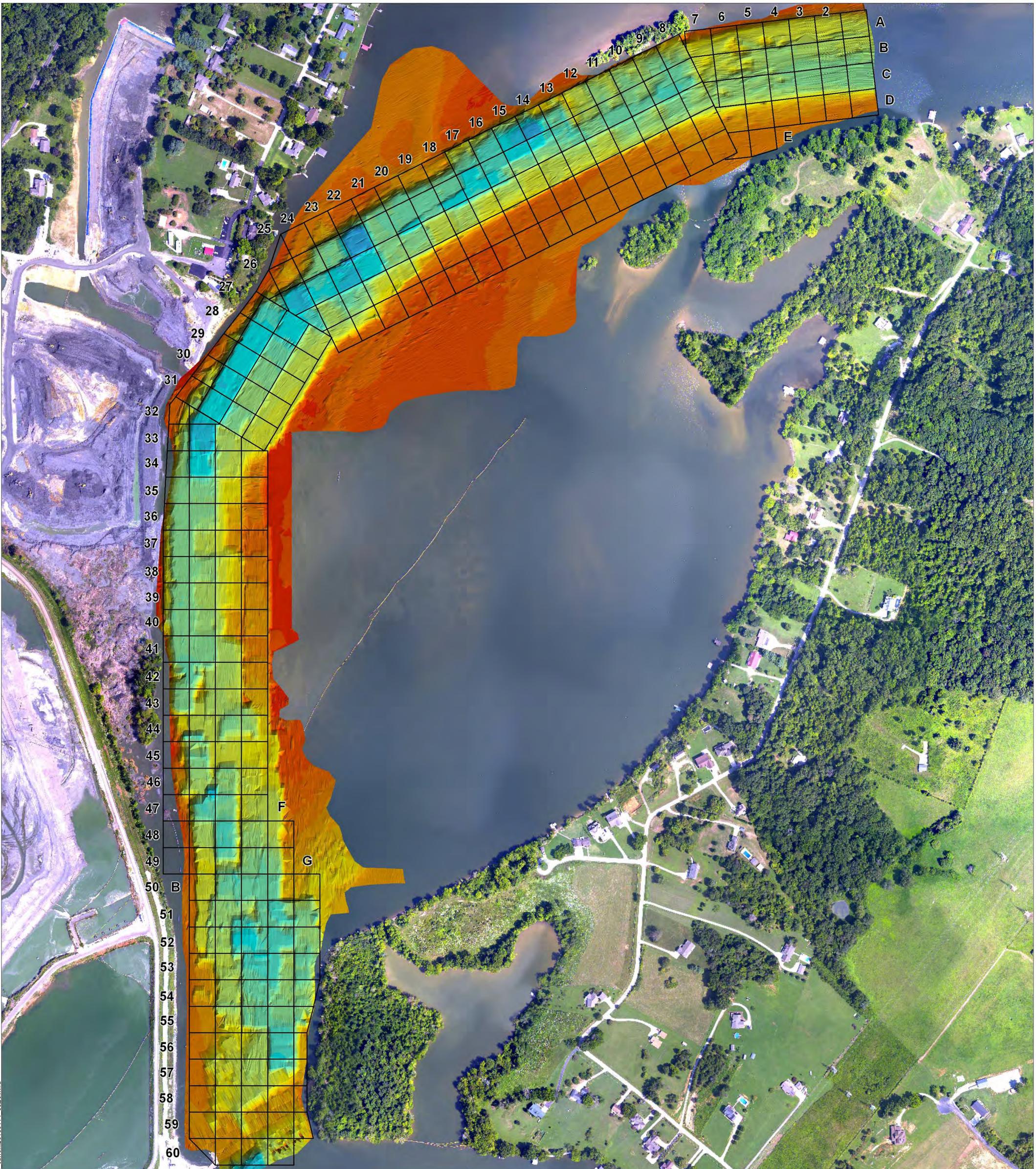
5/20/10
 Date

consulted w/ TDEC

Time-Critical Concurrence

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<p>Concurrence Comments:</p>

Jacobs Project Manager	Date
Tennessee Valley Authority	Date
U.S. Environmental Protection Agency	Date



Legend

Emory River Bathymetry; Elevation, feet
Dredging Activities through 01/08/10 for the Sandpiper, 01/11/10 for the McKenzie,
and 01/08/10 for the Kylee

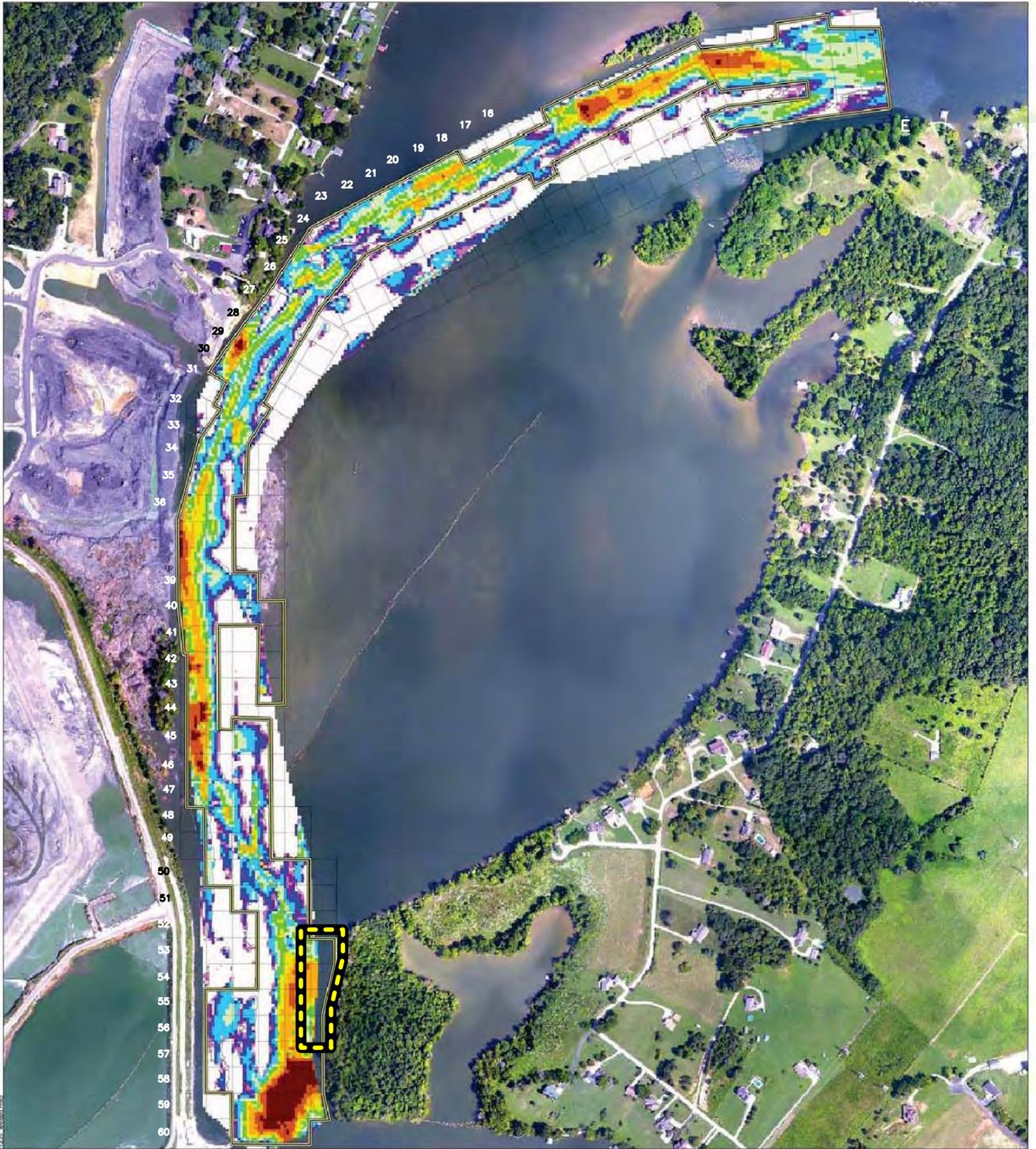
740 - 742	730 - 732	720 - 722	710 - 712
738 - 740	728 - 730	718 - 720	708 - 710
736 - 738	726 - 728	716 - 718	706 - 708
734 - 736	724 - 726	714 - 716	704 - 706
732 - 734	722 - 724	712 - 714	702 - 704



JACOBS™

Emory River Bathymetry;
Dredge Progress Shown through
01/08/10 for the Sandpiper,
01/11/10 for the McKenzie,
and 01/08/10 for the Kylee

Y:\TV\Projects\05D\5400\20100114\ArcGIS\redging_progress_current\20100114_esize.mxd



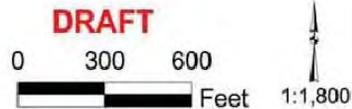
Legend

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



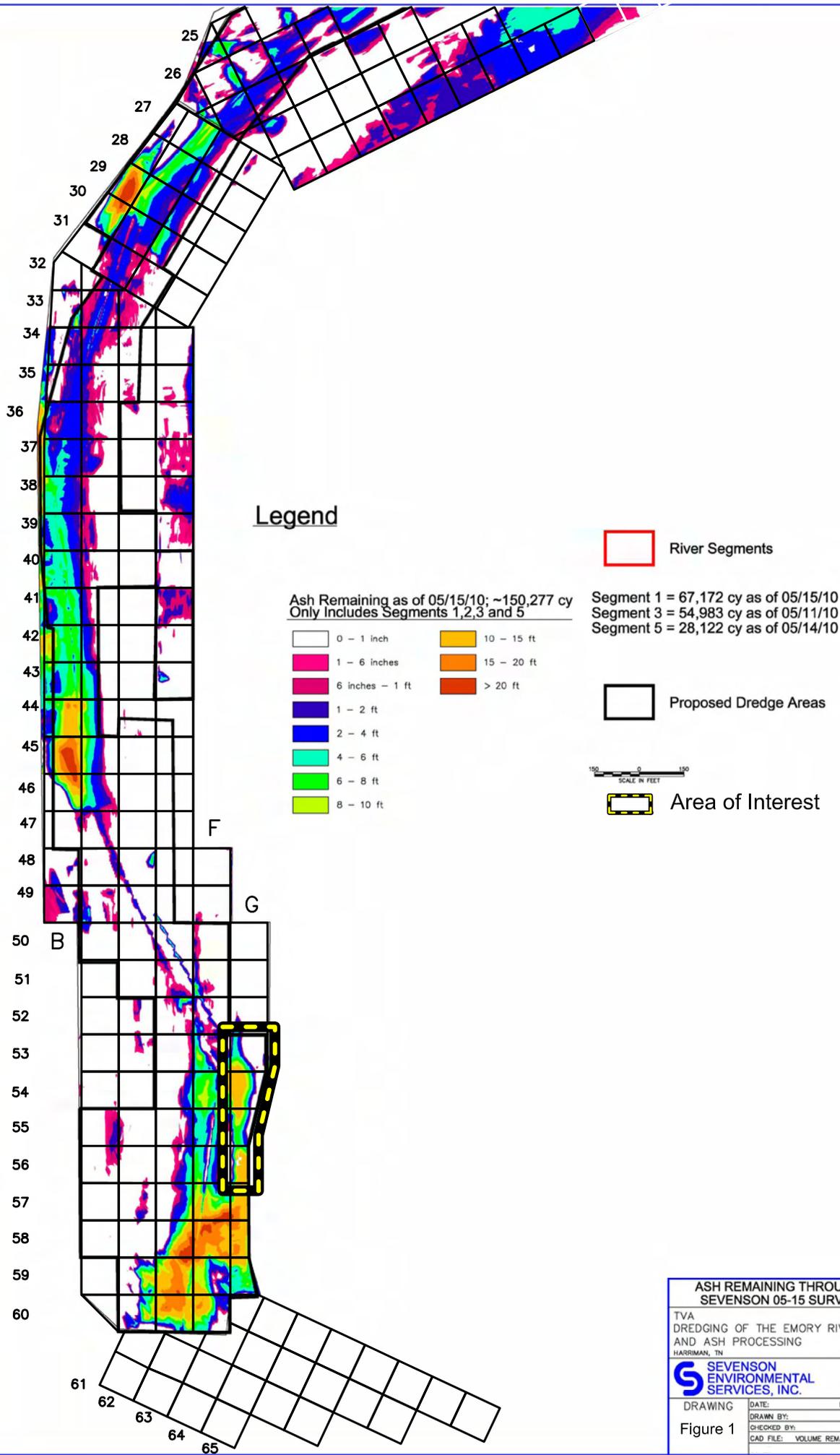
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**Ash Remaining to Pre-Spill
Surface Segments 1, 2, 3, and 5**

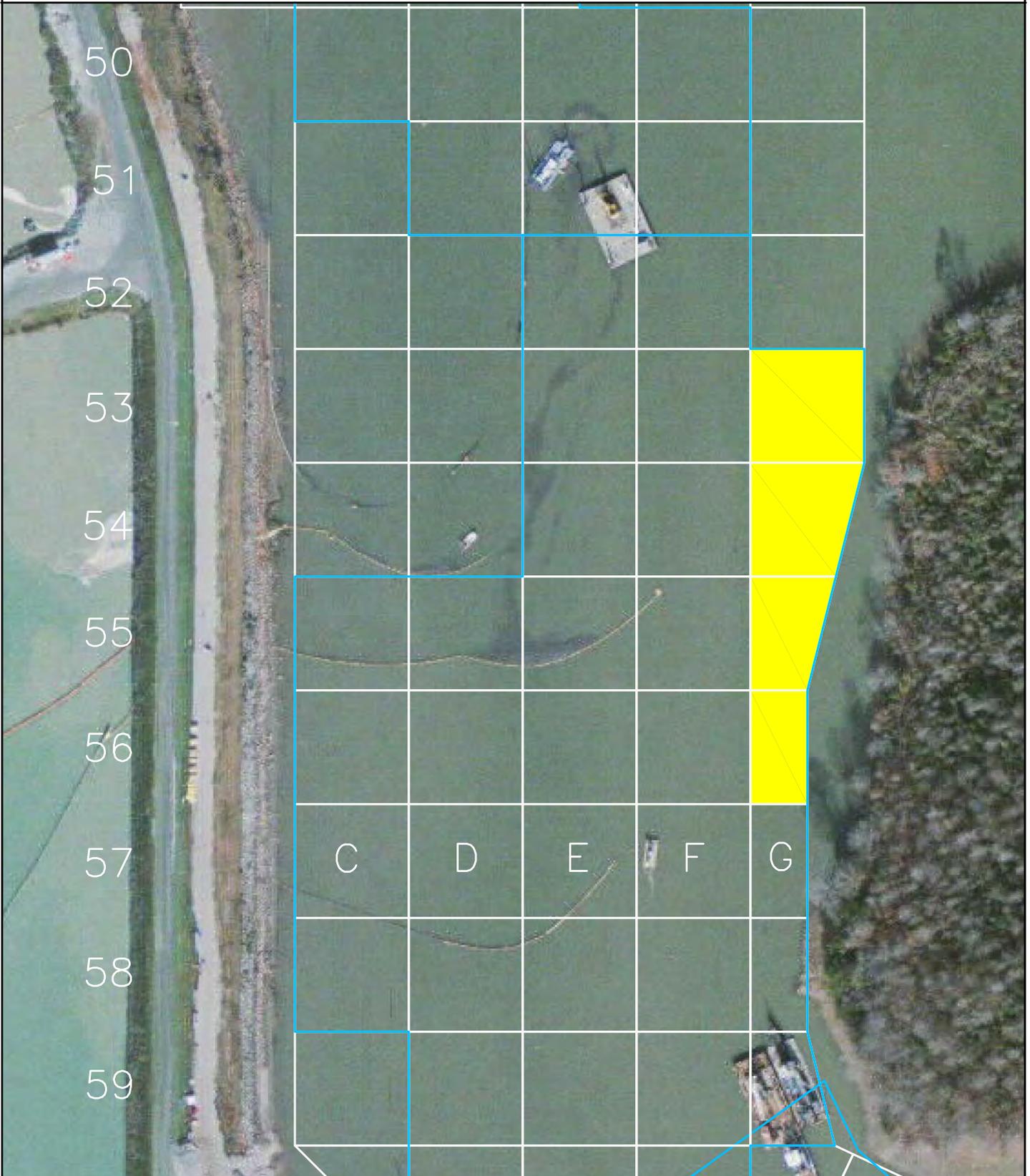
NAME: croberis DATE: 6/25/2010

Figure 5

X:\SVA\Bentley\030_4500\0301002626\0301002626.dwg: 10/12/09 10:44:44 AM

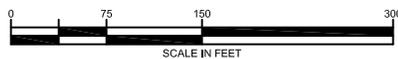


Bathymetry Removal Areas - Segment 2



- Removed From Plan
- Phase 2 Dredging Path

VibeCore Label Format:
Core Number
Ash Thickness (ft)



JACOBS™

05/17/10

Figure 1

L. W. Matteson Daily Report of Operations

TVA Ash Recovery Project
Sevenson Environmental Prime Contractor

Report # **145**

Date: Fri.
Jan.8,09

Worked Preformed Today:

Day shift		Start X&Y	2443563	555007	Night Shift		Start X&Y	2443564	554935
Advance	76	End X&Y	2443564	554935	Advance	73	End X&Y	2443555	554858
Dredged from Sat: Day Shift			4	+	29	TO	5	+	5
Dredged from Sat: Night Shift			5	+	5	TO	5	+	78

Remarks: Still getting rocks, wood and fabric
Leverman still reporting clay and rocks on bottom
Had large rock suck in pump
6:20 am went down to clean pump and start repacking

AMOUNT DREDGED THIS PERIOD: ESTIMATED	7152	Cut Width	120	Cut Face	10.8	
AMOUNT PREVIOUSLY REPORTED:	684948	Total Advance	149			
TOTAL AMOUNT DREDGED TO DATE	692100	Advance Previous	8888			
AMOUNT DREDGED PER HOUR	520	Total to Date	9037			
Pay Items:		This date	Previous	To date	Day Shift	Night Shift
100% Pay		13:45:00	1398:07:00	1411:52:00	7:55:00	5:50:00
70% Pay		10:15:00	618:26:00	628:41:00	4:05:00	6:10:00
40% Pay		0:00:00	57:50:00	57:50:00		
0% Pay		0:00:00	1381:37:00	1381:37:00		
Other: Shut Down For The Rim Ditch: 80%		0:00:00				
Totals Hours Worked In Period		24:00:00		3480:00:00	12:00:00	12:00:00

Worked Planned for Tomorrow:

Maint.

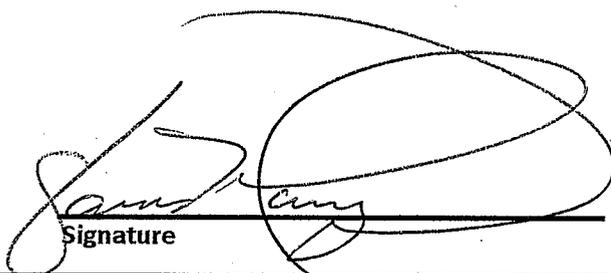
Equipment and Labor:

Dredge Sandpiper, Booster w/barge, Fuel barge, Anchor barge, Crane barge w/RT 175
JD 644 Loader, Cat 325, Welding truck, Morooka, flat bottom boat, skiff

NIGHT CREW			DAY CREW		
Number	Class	Hours	Number	Class	Hours
1	Lever man	12	1	Lever man	12
1	Watch Eng	12	1	Watch Eng	12
1	Boatman	12	1	Boatman	12
2	Deckhand	24	2	Deckhand	24
5	Totals	60	5	Totals	60

SPAs reviewed today:

- Dredging, navigation, fuel transfers
- flotation plan
- Maint.
- Night watch plan
- House keeping



 Signature

DREDGE LITTLE ROCK

KINGSTON TVA

DREDGE OPERATOR'S SHIFT LOG

Pump Stop	Pump Start	Down Time	Oper. Time	Lost Time	Reason
	700		:05		2443564 554935 STA 5+05
	705	:15	:15		DREDGING
	735	:35	:15		CHANGE FUEL FILTER ON GENERATOR
	825	:20	:20		CLEAN PUMP + CUTTER (Rock Wood)
	905	:15	:20		CLEAN PUMP (Wood)
	925	:15	:35		CLEAN PUMP
	1010		:30		MOVE PORT ANCHOR
	1050	:40	:35		CLEAN PUMP + CUTTER + BOOSTER PUMP (FABRIC Rock)
	1125	1:10	:25		CLEAN PUMP (CONCRETE)
	125	:25	:35		CLEAN PUMP (CONCRETE)
	130	:20	:10		CLEAN PUMP (WOOD ROCK)
	200	:10	:45		SPUD FROZEN IN WELL
	255	:15	1:55		CLEAN PUMP (ROCK)
	505	:50			CLEAN PUMP + CUTTER (ROCK WOOD)
	555		:25		BOOSTER ADJUST PACKING
	620	:40			BOOSTER CLEAN PUMP
					REPACK BOOSTER PUMP
					2443555 554858 STA 5+78

TOTALS	
16:10	5:50
70%	100%

CLAY + ROCK BOTTOM

Gauge Reading _____ M _____ Ft _____ M _____ Ft _____ M _____ Ft

David Blas
Operator's Signature

1-8-10
Date

NIGHT
Shift

L. W. Matteson Daily Report of Operations

TVA Ash Recovery Project
Sevenson Environmental Prime Contractor

Report # **146**

Date: Sat.
Jan.9,10

Worked Preformed Today:

Day shift	Start X&Y	2443554	554858	Night Shift	Start X&Y	2443556	554819	
Advance	45	End X&Y	2443556	Advance	111	End X&Y	2443540	
Dredged from Sat: Day Shift		5	+	75	TO	6	+	20
Dredged from Sat: Night Shift		6	+	20	TO	7	+	31

Remarks: Still getting rocks ,wood and fabric
Leverman still reporting clay and rocks on bottom
Had to repack booster pump
Washed out line to avoid freezing

AMOUNT DREDGED THIS PERIOD: ESTIMATED	5863	Cut Width	86	Cut Face	11.8
AMOUNT PREVIOUSLY REPORTED:	692100	Total Advance	156		
TOTAL AMOUNT DREDGED TO DATE	697963	Advance Previous	9037		
AMOUNT DREDGED PER HOUR	404	Total to Date	9193		
Pay Items:	This date	Previous	To date	Day Shift	Night Shift
100% Pay	14:30:00	1411:52:00	1426:22:00	5:00:00	9:30:00
70% Pay	6:50:00	628:41:00	635:31:00	4:20:00	2:30:00
40% Pay	0:00:00	57:50:00	57:50:00		
0% Pay	2:40:00	1381:37:00	1384:17:00	2:40:00	
Other: Shut Down For The Rim Ditch: 80%	0:00:00				
Totals Hours Worked In Period	24:00:00		3504:00:00	12:00:00	12:00:00

Worked Planned for Tomorrow:

Maint.

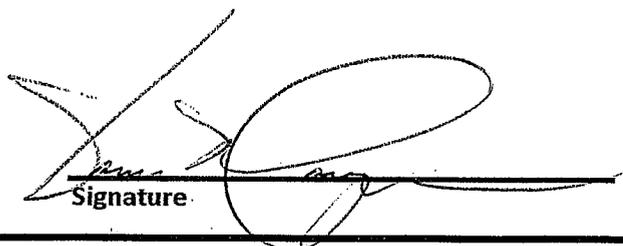
Equipment and Labor:

Dredge Sandpiper, Booster w/barge, Fuel barge, Anchor barge, Crane barge w/RT 175
JD 644 Loader, Cat 325, Welding truck, Morooka, flat bottom boat, skiff

NIGHT CREW			DAY CREW		
Number	Class	Hours	Number	Class	Hours
1	Lever man	12	1	Lever man	12
1	Watch Eng	12	1	Watch Eng	12
1	Boatman	12	1	Boatman	12
2	Deckhand	24	2	Deckhand	24
5	Totals	60	5	Totals	60

SPAs reviewed today:

Dredging, navigation, fuel transfers
flotation plan
Maint.
Night watch plan
House keeping


Signature

DREDGE LITTLE ROCK

KINGSTON TVA

DREDGE OPERATOR'S SHIFT LOG

Pump Stop	Pump Start	Down Time	Oper. Time	Lost Time	Reason
	7:00		1:45		2443556 554819 STA 6+20
845	9:00	:15	4:25		Dred/GWG
125	1:35	:10	:15		CLEAN PUMP (ROCK)
150	2:20	:30	:18		MOVE PORT ANCHOR
230	2:45	:15	:15		Anchor Pulled in
440	4:50	:10	1:00		MOVE STBD ANCHOR
550		1:10			CLEAN PUMP (ROCK)
					CLEAN PUMP (WOOD)
					WASH LINE + WINTERIZE
					DREDGE FOR W/E
					2443540 554701 STA 7+34

TOTALS	
2:30	9:30

70% 100%

Gauge Reading _____ M _____ Ft _____ M _____ Ft _____ M _____ Ft

David Blair
Operator's Signature

1-9-10
Date

NIGHT
Shift

L. W. Matteson Daily Report of Operations

TVA Ash Recovery Project
Sevenson Environmental Prime Contractor

Report # **148**

Date: Mon.
Jan.11 ,10

Worked Preformed Today:

Day shift	Start X&Y	2443542	554701	Night Shift	Start X&Y	2443324	555063	
Advance	50	End X&Y	2443519	Advance	197	End X&Y	2443329	
Dredged from Sat: Day Shift		7	+	35	TO	7	+	85
Dredged from Sat: Night Shift		3	+	50	TO	5	+	47

Remarks: Finished row G and moved over to row E
Still getting a lot of rocks and gravel

AMOUNT DREDGED THIS PERIOD: ESTMATED	7355	Cut Width	120	Cut Face	6.7
AMOUNT PREVIOUSLY REPORTED:	697963	Total Advance	247		
TOTAL AMOUNT DREDGED TO DATE	705318	Advance Previous	9193		
AMOUNT DREDGED PER HOUR	493	Total to Date	9440		
Pay Items:	This date	Previous	To date	Day Shift	Night Shift
100% Pay	14:55:00	1426:22:00	1441:17:00	7:50:00	7:05:00
70% Pay	9:05:00	635:31:00	644:36:00	4:10:00	4:55:00
40% Pay	0:00:00	57:50:00	57:50:00		
0% Pay	0:00:00	1408:17:00	1408:17:00		
Other: Shut Down For The Rim Ditch: 80%	0:00:00				
Totals Hours Worked In Period	24:00:00		3552:00:00	12:00:00	12:00:00

Worked Planned for Tomorrow:

Maint.

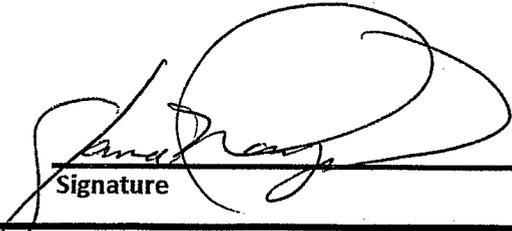
Equipment and Labor:

Dredge Sandpiper, Booster w/barge, Fuel barge, Anchor barge, Crane barge w/RT 175
JD 644 Loader, Cat 325, Welding truck, Morooka, flat bottom boat, skiff

NIGHT CREW			DAY CREW		
Number	Class	Hours	Number	Class	Hours
1	Lever man	12	1	Lever man	12
1	Watch Eng	12	1	Watch Eng	12
1	Boatman	12	1	Boatman	12
2	Deckhand	24	2	Deckhand	24
5	Totals	60	5	Totals	60

SPAs reviewed today:

- Dredging, navigation, fuel transfers
- flotation plan
- Maint.
- Night watch plan
- House keeping



 Signature

DREDGE LITTLE ROCK

KINGSTON TVA

DREDGE OPERATOR'S SHIFT LOG

Pump Stop	Pump Start	Down Time	Oper. Time	Lost Time	Reason
	7:00		:50		7+35 X2443542 Y554701
750	8:15	:25	:15		fix turbo on Hyd eng.
830	9:05	:35	:10		clean pump / wood, & rocks.
915	9:30	:15	2:15		spuds froze in wells
1145	—	1:10	:15		cut G 7+85 X2443519 Y554653
—	12:55				move to cut E 3+50 X2443324 Y555063
110	1:30	:20	:15		clean pump / rocks
145	2:10	:25			broke part swing wire
210	2:45	:35	2:00		broke part spud wire
445	5:05	:20	1:10		clean pump & cutterhead / rocks
615	6:20	:05	:10		Booster peckers smoking
					4+20 X2443325 Y555023

TOTALS

4:10 7:50
70% 100%

cut G. 7+57 something ~~very~~ very bad cannot swim all the way over
Huge tree

Gauge Reading _____ M _____ Ft _____ M _____ Ft _____ M _____ Ft

Dave Lyle
Operator's Signature

day
Date

1/11/10
Shift

DREDGE LITTLE ROCK

KINGSTON TVA

DREDGE OPERATOR'S SHIFT LOG

Pump Stop	Pump Start	Down Time	Oper. Time	Lost Time	Reason
					2443325 555023 4+20
	700		:35		Dredging
735	825	:50	:30		CLEAN PUMP + CUTTER / CABLE ROCK (C)
855	920	:25	:55		CLEAN PUMP (ROCK)
1015	1045	:30	:15		CLEAN PUMP (ROCK)
1100	1130	:30	:10		BOOSTER CLEAN PUMP (ROCK)
1140	1205	:25	:15		CLEAN PUMP (ROCK)
1220	1245	:25	:35		CLEAN PUMP (ROCK)
120	130	:10	:05		CLEAN PUMP (ROCK)
135	145	:10	1:05		CLEAN PUMP (ROCK)
320	—		1:35		CLEAN PUMP DREDGE +
—	400	:40	:55		BOOSTER (WOOD ROCK)
455	505	:10	:45		CLEAN PUMP (ROCK)
550	—				CLEAN PUMP DREDGE
—	620	:30	:10		BOOSTER (ROCK)
630	640	:10	:20		CLEAN PUMP (ROCK)
					2443329 554888 STA 5+47

TOTALS		
4:55	7:05	

DIGGING A LOT OF GRAVEL

70% 100%

Gauge Reading _____ M _____ Ft _____ M _____ Ft _____ M _____ Ft

David Bl...

1-11-10

NIGHT

Operator's Signature

Date

Shift

L. W. Matteson Daily Report of Operations

TVA Ash Recovery Project
Sevenson Environmental Prime Contractor

Report # **156**

Date: Tues.
Jan.19,2010

Worked Preformed Today:

Day shift	Start X&Y	2443509	555018	Night Shift	Start X&Y	2443509	554984	
Advance	24	End X&Y	2443504	Advance	12	End X&Y	2443506	
Dredged from Sat: Day Shift		4	+	28	TO	4	+	52
Dredged from Sat: Night Shift		4	+	52	TO	4	+	64

554969

Remarks: We are getting a lot of rocks and wood
Very Hard Bottom
A lot of pump cleans (ROCKS)
Port 9' Star 11'
53G is to grade 705 & 53F is 5' from grade to hard

AMOUNT DREDGED THIS PERIOD: ESTIMATED	2667	Cut Width	200	Cut Face	10
AMOUNT PREVIOUSLY REPORTED:	740816	Total Advance	36		
TOTAL AMOUNT DREDGED TO DATE	743483	Advance Previous	10389		
AMOUNT DREDGED PER HOUR	165	Total to Date	10425		
Pay Items:	This date	Previous	To date	Day Shift	Night Shift
100% Pay	16:10:00	1550:57:00	1567:07:00	9:35:00	6:35:00
70% Pay	7:50:00	678:56:00	686:46:00	2:25:00	5:25:00
40% Pay	0:00:00	57:50:00	57:50:00		
0% Pay	0:00:00	1432:17:00	1432:17:00		
Other: Shut Down For The Rim Ditch: 80%	0:00:00				
Totals Hours Worked In Period	24:00:00		3744:00:00	12:00:00	12:00:00

Worked Planned for Tomorrow:

Maint.

Equipment and Labor:

Dredge Sandpiper, Booster w/barge, Fuel barge, Anchor barge, Crane barge w/RT 175
JD 644 Loader, Cat 325, Welding truck, Morooka, flat bottom boat, skiff

NIGHT CREW			DAY CREW		
Number	Class	Hours	Number	Class	Hours
1	Lever man	12	1	Lever man	12
1	Watch Eng	12	2	Watch Eng	24
1	Boatman	12	1	Boatman	12
1	Deckhand	12	1	Deckhand	12
0	Operator	0	1	Operator	12
4	Totals	48	6	Totals	72

SPAs reviewed today:

- Dredging, navigation, fuel transfers
- flotation plan
- Maint.
- Night watch plan
- House keeping

Signature _____

DREDGE LITTLE ROCK

KINGSTON TVA

DREDGE OPERATOR'S SHIFT LOG

Pump Stop	Pump Start	Down Time	Oper. Time	Lost Time	Reason
	700		3:15		4+28 X2443509 Y555018
1015	1030	:15			Backwash to clean pump
1030	1040	:10	:20		clean pump / rocks
1100	1110	:10	1:05		clean pump / rocks + log
1215	1225	:10	3:00		clean pump / roots
325	330				clean pump / firewood
330	350	:25	:05		use ladder to raise anchor + move
355	400	:05	:15		move port anchor
415	430	:15	1:20		check ladder gauge
600	625	:25	:05		pumping water per 55 to move line
630	700	:30			clean pump on booster
	700				4+52 X2443504 Y554984

TOTALS

2:25	9:35
------	------

76% 100%

Gauge Reading _____ M _____ Ft _____ M _____ Ft _____ M _____ Ft

Danne Lyle
Operator's Signature

1/19/10
Date

day
Shift

DREDGE LITTLE ROCK

KINGSTON TVA

DREDGE OPERATOR'S SHIFT LOG

Pump Stop	Pump Start	Down Time	Oper. Time	Lost Time	Reason
					2443509 554984 4+52
	700		:05		DREDGING
705	830	1:25	:30		PORT ANCHOR PULLED IN
850	1020	1:30	:15		CLEAN PUMP (A LOT OF ROCKS)
1035	1120	:45			CLEAN PUMP DREDGE + BOOSTER (ROCK)
					TAN + BROWN AT RIM DITCH
1140	1205	:25	:20		CLEAN PUMP (ROCK)
1230	1255	:25	:10		CLEAN PUMP (WOOD ROCK)
105	115	:10	:15		CLEAN PUMP (ROCK)
130	155	:25	:15		CLEAN PUMP (ROCK)
					TAN + BROWN AT RIM DITCH
230	255	:25	:20		CLEAN PUMP (ROCK)
315	325	:10	:15		CLEAN PUMP (ROCK)
					LIGHT GRAY AT RIM DITCH
340	350	:10	1:05		CLEAN PUMP (ROCK)
455	515	:20	:20		CLEAN PUMP (ROCK)
535	545	:10	:10		CLEAN PUMP (ROCK)
625	640	:15	:20		CLEAN PUMP
					2443506 554972 STA 4+64
TOTALS					A LOT OF LARGE ROCK
		5:25	6:35		

Gauge Reading _____ M _____ Ft _____ M _____ Ft _____ M _____ Ft

David Blair

Operator's Signature

1-19-10

Date

NIGHT

Shift

L. W. Matteson Daily Report of Operations

TVA Ash Recovery Project
Sevenson Environmental Prime Contractor

Report # **157**

Date: Wed.
Jan.20,2010

Worked Preformed Today:

Day shift	Start X&Y	2443507	554969	Night Shift	Start X&Y	2443479	553978	
Advance	7	End X&Y	2443507	Advance	50	End X&Y	2443520	
Dredged from Sat: Day Shift		4	+	65	TO	4	+	72
Dredged from Sat: Night Shift		3	+	25	TO	3	+	75

Remarks: We are getting a lot of rocks and wood
Moved dredge to segment 4
A lot of pump cleans (ROCKS)
Big trees in 64 F

AMOUNT DREDGED THIS PERIOD: ESTMATED	4138	Cut Width	200	Cut Face	9.8
AMOUNT PREVIOUSLY REPORTED:	743483	Total Advance	57		
TOTAL AMOUNT DREDGED TO DATE	747621	Advance Previous	10425		
AMOUNT DREDGED PER HOUR	338	Total to Date	10482		
Pay Items:	This date	Previous	To date	Day Shift	Night Shift
100% Pay	12:15:00	1567:07:00	1579:22:00	5:50:00	6:25:00
70% Pay	11:45:00	686:46:00	698:31:00	6:10:00	5:35:00
40% Pay	0:00:00	57:50:00	57:50:00		
0% Pay	0:00:00	1432:17:00	1432:17:00		
Other: Shut Down For The Rim Ditch: 80%	0:00:00				
Totals Hours Worked In Period	24:00:00		3768:00:00	12:00:00	12:00:00

Worked Planned for Tomorrow:

Maint.

Equipment and Labor:

Dredge Sandpiper, Booster w/barge, Fuel barge, Anchor barge, Crane barge w/RT 175
JD 644 Loader, Cat 325, Welding truck, Morooka, flat bottom boat, skiff

NIGHT CREW			DAY CREW		
Number	Class	Hours	Number	Class	Hours
1	Lever man	12	1	Lever man	12
1	Watch Eng	12	1	Watch Eng	24
1	Boatman	12	1	Boatman	12
1	Deckhand	12	1	Deckhand	12
0	Operator	0	1	Operator	12
4	Totals	48	5	Totals	72

SPAs reviewed today:

Dredging, navigation, fuel transfers
flotation plan
Maint.
Night watch plan
House keeping

Signature _____

DREDGE LITTLE ROCK

KINGSTON TVA

DREDGE OPERATOR'S SHIFT LOG

Pump Stop	Pump Start	Down Time	Oper. Time	Lost Time	Reason
	700		2:15		4+65 X 2443507 Y 554969
900	—				4+72 X 2443507 Y 554963
—	—				moving dredge to seg. 4, E64+F64
—	145	4:45	1:45		2+99 X 2443449 Y 553988
330	350	:20	:20		change fuel filters on Hdy eng.
410	430	:20	:25		clean pump / rocks + wood
455	510	:15	1:10		clean pump / rocks + wood, red clay
620	650	:30	:10		clean pump / wood + wood
	700				3+25 X 2443479 Y 553978
					Big trees all across 64F center of square

TOTALS

2:45	3:25	5:50
------	------	------

2:45
090

Gauge Reading _____ M _____ Ft _____ M _____ Ft _____ M _____ Ft

Dave Lyle
Operator's Signature

1/20/10
Date

Day
Shift

DREDGE LITTLE ROCK

KINGSTON TVA

DREDGE OPERATOR'S SHIFT LOG

Pump Stop	Pump Start	Down Time	Oper. Time	Lost Time	Reason
					2443479 553978 STA 3+25
	700		1:25		DREDGING
825	845	:20	:25		CLEAN PUMP (WOOD)
910	935	:25	:20		CLEAN PUMP (WOOD ROCK PLASTIC)
955	1025	:30			CLEAN PUMP DREDGE + BOOSTER
1025	1055	:30			CLEAN PUMP BOOSTER (WOOD ROCK PLASTIC)
1115	1125	:10	:20		CLEAN PUMP
1135	1225	:50	:10		BOOSTER CLEAN PUMP (WOOD ROCK PLASTIC)
1235	1240	:05	:10		CLEAN PUMP (ROCK)
			:10		BROWN ON RIM DITCH
1255	105	:10	:15		CLEAN PUMP (ROCK)
120	135	:15	:15		CLEAN PUMP (ROCK)
240	345	1:05	1:05		CLEAN PUMP BOOSTER (ROCK)
400	455	:55	:15		CLEAN PUMP DREDGE + BOOSTER (ROCK)
			:30		TAN BROWN AT RIM DITCH
525	535	:10	:25		CLEAN PUMP (ROCK)
600	610	:10	:50		CLEAN PUMP (ROCK) TAN + BROWN
7:00					
					2443520 553957 STA 3+75
TOTALS					A LOT OF ROCK + TRASH
		5:35	6:25		

Gauge Reading _____ M _____ Ft _____ M _____ Ft _____ M _____ Ft

Operator's Signature David Blain

Date 1-20-10

Shift NIGHT