

1. Incident Name
Fly Ash Pond Incident

2. Operational Period to be covered by IAP (Date / Time)
From: JAN 2 09 06:00 To: JAN 9 09 06:00

3. Approved by:

ORG	NAME
FOSC	Les Sims (EPA)
SOSC	Bob Alexander (TDEC)
IC	Tim Hope
Roane County	Howie Rose

INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

- ICS 202-OS (Response Objectives)
- ICS 203-OS (Organization List) - or - ICS 207-OS (Organization Chart)
- ICS 204-CGs (Assignment Lists)
One Copy each of any ICS 204-CG attachments:
- ICS 205-CG (Communications Plan)
- ICS 206-CG (Medical Plan)
- ICS 208-CG (Site Safety Plan) or Note SSP Location
- Map/Chart
- Weather forecast / Tides/Currents

Other Attachments

- ICS 207 - Incident Organizational Chart
- ICS 220 - Air Operations Summary
- ICS 232 - Resources at Risk
- Report of Evaluation and Agreement by TDEC
-
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-
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Incident Picture



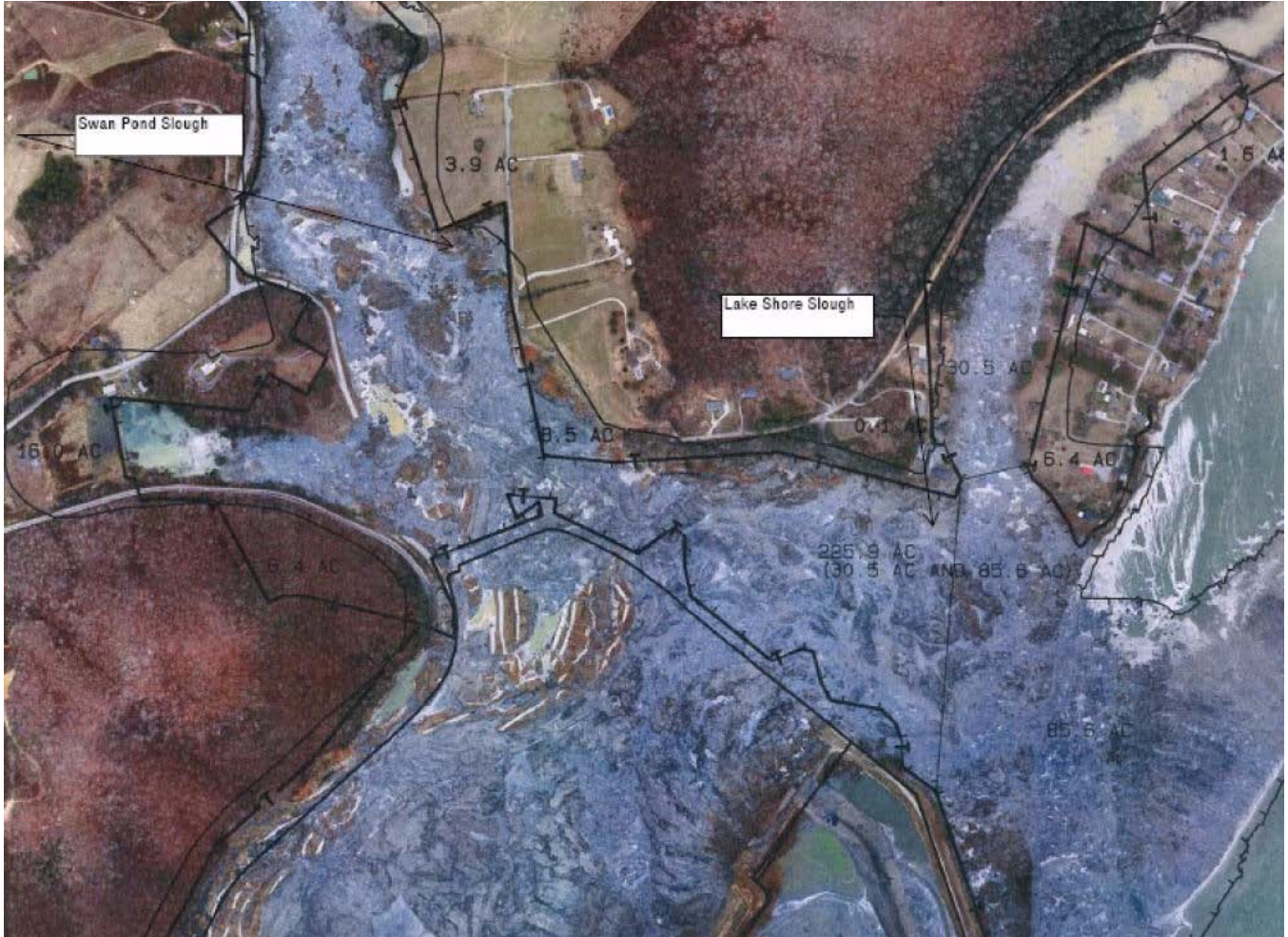
4. Prepared by:
Don Costanzo

Date/Time:
JAN 2 09 07:05

1. Incident Name Fly Ash Pond Incident	2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00	INCIDENT OBJECTIVES ICS 202-CG
3. Objective(s) <ul style="list-style-type: none"> • Ensure the Safety of Citizens and Response Personnel • Keep the Public and Stakeholders Informed of Response Activities • Maximize the Protection of Environmentally Sensitive Areas • Return Community to Normal Conditions 		
4. Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions) <ul style="list-style-type: none"> • Update the stakeholders on a regular basis. • Company personnel to develop long range remediation project plan. • Develop and implement byproduct management plan. • Maximize Road and Rail Clean Up, along with Weir construction. • Maintain the Unified Command Approved Cenosphere Plan. • Establish Data Management System. • Conduct Multi-Media Sampling. • Implement Debris Clean Up Plan. 		
Approved Site Safety Plan Located at:		
10. Prepared by: (Planning Section Chief) Don Costanzo		Date / Time: JAN 2 09 07:50

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Recovery & Construction		4. Division/Group/Staging Recovery & Construction		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	Tennessee Valley Authority		
Branch Director:	Brad Workman	Tennessee Valley Authority		
Division/Group Supervisor/STAM: _____				
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
13 Track Hoes				On Site <input type="checkbox"/>
12 D6 Dozers				On Site <input type="checkbox"/>
9 D8 Dozers				On Site <input type="checkbox"/>
2 Fuel Trucks				On Site <input type="checkbox"/>
4 Water Pump				On Site <input type="checkbox"/>
15 Light Plants				On Site <input type="checkbox"/>
5 Amphi Track Hoes				On Site <input type="checkbox"/>
7 Back Dumps				On Site <input type="checkbox"/>
5 Loaders				On Site <input type="checkbox"/>
4 ATV				On Site <input type="checkbox"/>
74 - Personnel				On Site <input type="checkbox"/>
7. Work Assignments				
<p>Clear Railroad Tracks of all debris. Clear Swan Pond Road of all debris. Clear Swan Pond Circle Rd. Drain Valley behind church. Dig trench to dredge in Lake Shore Slough and monitor recovered volumes. Dig trench to dredge in Swan Pond Slough and monitor recovered volumes. Erect fences for private citizens if needed. Clean private driveways. Operations will continue through the night.</p>				
8. Special Instructions				
<p>All personnel are to follow guidelines set forth in the Site Safety Plan. All new personnel are to check in with security. All personnel are to refer any media inquiries to the Joint Information Center (JIC). Report all injuries to a safety representative as soon as possible. Resources are shared with the South Side Road operations.</p>				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: 911		Evacuation: _____		Other: _____
10. Prepared by		11. Reviewed by (PSC)		12. Reviewed by (OSC)
Date/Time		Date/Time		Date/Time
Josh Dubach JAN 2 09 11:39				

1. Incident Name Fly Ash Pond Incident	2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00	Assignment Picture Attachment ICS 204-a2
Organization Name Recovery & Construction	ID# Area Of Operation	

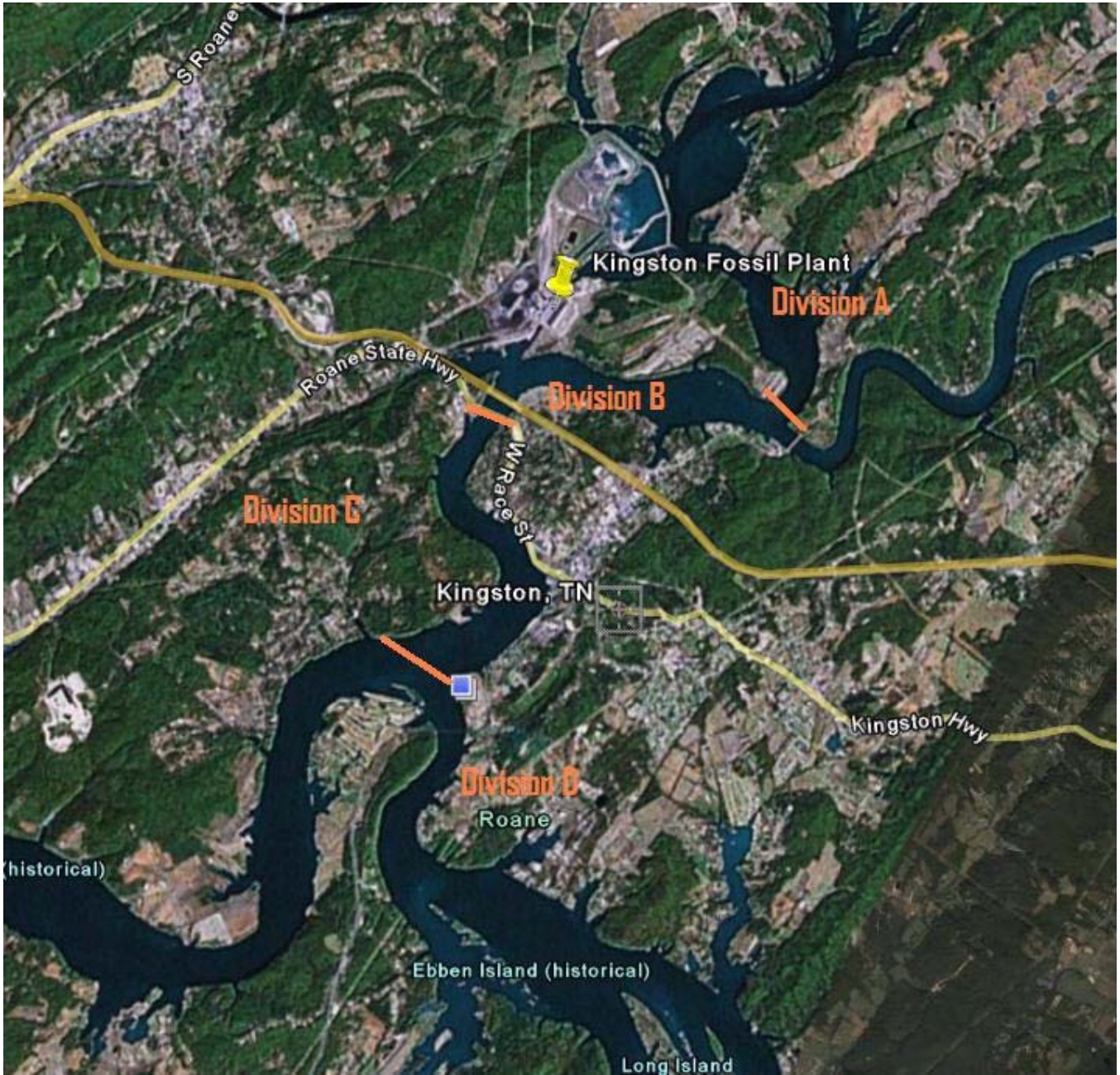


Prepared By: (Situation Unit)
 Josh Dubach

Date / Time:
 JAN 2 09 12:34

1. Incident Name					2. Operational Period (Date / Time)		Assignment List	
Fly Ash Pond Incident					From: JAN 2 09 06:00 To: JAN 9 09 06:00		ICS 204-CG	
3. Branch			4. Division/Group/Staging					
Response			Division A					
5. Operational Personnel		Name	Affiliation		Contact # (s)			
Operations Section Chief:		Bob Summers	Tennessee Valley Authority					
Branch Director:		Mark Ploen	O'Briens Response Management					
Division/Group Supervisor/STAM:		Pete Parker	O'Briens Response Management					
6. Resources Assigned					"X" indicates 204a attachment with additional instructions			
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks				
3,700' - 18" Boom • 3,700 ft	Todd Robinson	615-806-6551		On Site <input type="checkbox"/>				
1- Boom Trailer	Todd Robinson	615-806-6551		On Site <input type="checkbox"/>				
1 - Air Mover	Todd Robinson	615-680-6551		On Site <input type="checkbox"/>				
7 - Hepaco Work Boats				On Site <input type="checkbox"/>				
45 - Personnel			45	On Site <input type="checkbox"/>				
2 Skimmers	Todd Robinson	615-680-6551		On Site <input type="checkbox"/>				
6 - Vacuum Trucks				On Site <input type="checkbox"/>				
7. Work Assignments								
<p>Deploy boom in a protective fashion to protect sensitive areas. Methods of booming may include deflection or exclusion. Boom has been placed south of the Harriman Utility Board Water Intake to prevent migration. This will be daylight operations only.</p>								
8. Special Instructions								
<p>Tailgate Safety Meetings will be conducted prior to the days operations. Areas may be sensitive according to environmental, economical, or ecological concerns. All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear a PFD while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.</p>								
9. Communications (radio and/or phone contact numbers needed for this assignment)								
Name / Function		Radio Freq./System/Channel			Phone		Cell/Pager	
_____		_____			_____		_____	
_____		_____			_____		_____	
_____		_____			_____		_____	
Emergency Communications								
Medical: 911		Evacuation: _____			Other: _____			
10. Prepared by		Date/Time	11. Reviewed by (PSC)		Date/Time	12. Reviewed by (OSC)		Date/Time
Josh Dubach		JAN 2 09 14:03						

1. Incident Name Fly Ash Pond Incident	2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00	Assignment Picture Attachment ICS 204-a2
Organization Name Response	ID# Area Of Operation	



Prepared By: (Situation Unit)
 Josh Dubach

Date / Time:
 JAN 2 09 09:58

1. Incident Name

Fly Ash Pond Incident

2. Operational Period (Date / Time)

From: JAN 2 09 06:00 To: JAN 9 09 06:00

Assignment Picture Attachment

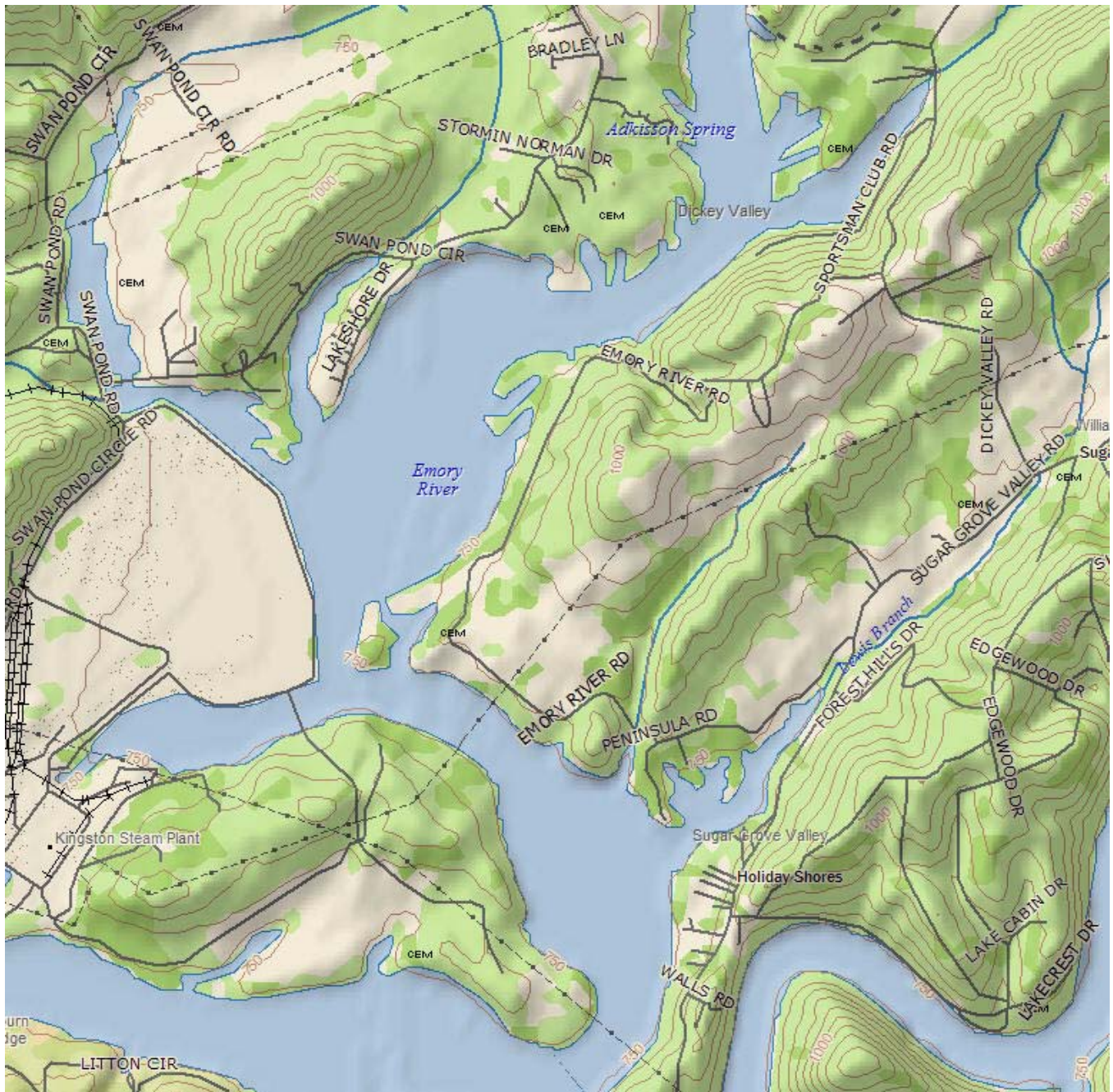
ICS 204-a2

Organization Name

Division A

ID#

Area Of Operation



Prepared By: (Situation Unit)

Josh Dubach

Date / Time:

JAN 2 09 14:03

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Response		4. Division/Group/Staging Division B		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	Tennessee Valley Authority		
Branch Director:	Mark Ploen	O'Briens Response Management		
Division/Group Supervisor/STAM:	Trent Sehlinger	O'Briens Response Management		
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
27 - Personnel			27	On Site <input type="checkbox"/>
1,800' - 18" Boom • 1,800 ft				On Site <input type="checkbox"/>
2 - Vac Trucks				On Site <input type="checkbox"/>
6 - Workboat				On Site <input type="checkbox"/>
1 - Barge Skimmer				On Site <input type="checkbox"/>
7. Work Assignments				
Recover floating debris wherever possible. Make use of catch booms to recover material in the heaviest concentrations possible. Recover material making landfall on public beaches. These will be daylight operations only.				
8. Special Instructions				
Tailgate Safety Meetings will be conducted prior to the days operations. All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: 911	Evacuation: _____	Other: _____		
10. Prepared by Josh Dubach		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
JAN 2 09 14:10				

1. Incident Name

Fly Ash Pond Incident

2. Operational Period (Date / Time)

From: JAN 2 09 06:00 To: JAN 9 09 06:00

Assignment Picture Attachment

ICS 204-a2

Organization Name

Division B

ID#**Area Of Operation****Prepared By: (Situation Unit)**

Josh Dubach

Date / Time:

JAN 2 09 14:10

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Response		4. Division/Group/Staging Division C		
5. Operational Personnel		Name Affiliation Contact # (s)		
Operations Section Chief: Bob Summers		TVA		
Branch Director: Mark Ploen		O'Briens Response Management		
Division/Group Supervisor/STAM: Steve Smith		O'Briens Response Management		
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
9 - SWS Work Boat	Todd Robinson			On Site <input type="checkbox"/>
Skimming Unit				<input type="checkbox"/>
5 - Vacuum Truck	Todd Robinson			On Site <input type="checkbox"/>
18" Boom • 2,600 ft	Todd Robinson			On Site <input type="checkbox"/>
40 - Personnel	Todd Robinson		40	On Site <input type="checkbox"/>
7. Work Assignments				
<p>Recover floating debris wherever possible. Make use of catch booms to recover material in the heaviest concentrations possible. Recover material making landfall on public beaches. These will be daylight operations only.</p>				
8. Special Instructions				
<p>Tailgate Safety Meetings will be conducted prior to the days operations. All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.</p>				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: _____		Evacuation: _____		Other: _____
10. Prepared by Calvin (Bud) Kline		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
Date/Time JAN 2 09 14:40				

1. Incident Name

Fly Ash Pond Incident

2. Operational Period (Date / Time)

From: JAN 2 09 06:00 To: JAN 9 09 06:00

Assignment Picture Attachment

ICS 204-a2

Organization Name

Division C

ID#**Area Of Operation****Prepared By: (Situation Unit)**

Calvin (Bud) Kline

Date / Time:

JAN 2 09 14:40

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Response		4. Division/Group/Staging Division D		
5. Operational Personnel	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	Tennessee Valley Authority		
Branch Director:	Mark Ploen	O'Briens Response Management		
Division/Group Supervisor/STAM:	Andy Sylvest	O'Briens Response Management		
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
8,000' - 18" Boom • 8,000 ft				On Site <input type="checkbox"/>
6 - Workboat				On Site <input type="checkbox"/>
1- Vacuum Truck				On Site <input type="checkbox"/>
2 - Skimming Barge Sets				On Site <input type="checkbox"/>
1 - Track Hoe				On Site <input type="checkbox"/>
29 - Personnel			29	On Site <input type="checkbox"/>
7. Work Assignments				
Recover floating debris wherever possible. Make use of catch booms to recover material in the heaviest concentrations possible. Recover material making landfall on public beaches. These will be daylight operations only. Kingston Water Intake has been boomed off and will be maintained.				
8. Special Instructions				
Tailgate Safety Meetings will be conducted prior to the days operations. All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: 911	Evacuation: _____	Other: _____		
10. Prepared by Calvin (Bud) Kline	Date/Time JAN 2 09 12:51	11. Reviewed by (PSC)	Date/Time	12. Reviewed by (OSC) Date/Time

1. Incident Name

Fly Ash Pond Incident

2. Operational Period (Date / Time)

From: JAN 2 09 06:00 To: JAN 9 09 06:00

Assignment Picture Attachment

ICS 204-a2

Organization Name

Division D

ID#**Area Of Operation****Prepared By: (Situation Unit)**

Calvin (Bud) Kline

Date / Time:

JAN 2 09 12:51

ASSIGNMENT PICTURE ATTACHMENT

ICS 204-a2

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Weir Buliding Branch		4. Division/Group/Staging Weir # 1 Group		
5. Operational Personnel	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	TVA		
Branch Director:	Brad Workman	TVA		
Division/Group Supervisor/STAM:	Dennis Yankee	TVA		
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
1 - Cranes				On Site <input type="checkbox"/>
1 - Barges				On Site <input type="checkbox"/>
5 - Dump Trucks				On Site <input type="checkbox"/>
7. Work Assignments				
<p>Weir #1 is currently under construction. Weir #1's location is as marked on the attached map. Rock is currently being shipped in from Louden. Rock for the weir is currently being brought in both by land & water.</p>				
8. Special Instructions				
<p>All personnel to follow guidelines set forth in the Site Safety Plan. Report all incidents and near misses to a safety representative as soon as possible.</p>				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: 911	Evacuation: _____	Other: _____		
10. Prepared by Josh Dubach	Date/Time JAN 2 09 15:47	11. Reviewed by (PSC)	Date/Time	12. Reviewed by (OSC) Date/Time

1. Incident Name

Fly Ash Pond Incident

2. Operational Period (Date / Time)

From: JAN 2 09 06:00 To: JAN 9 09 06:00

Assignment Picture Attachment

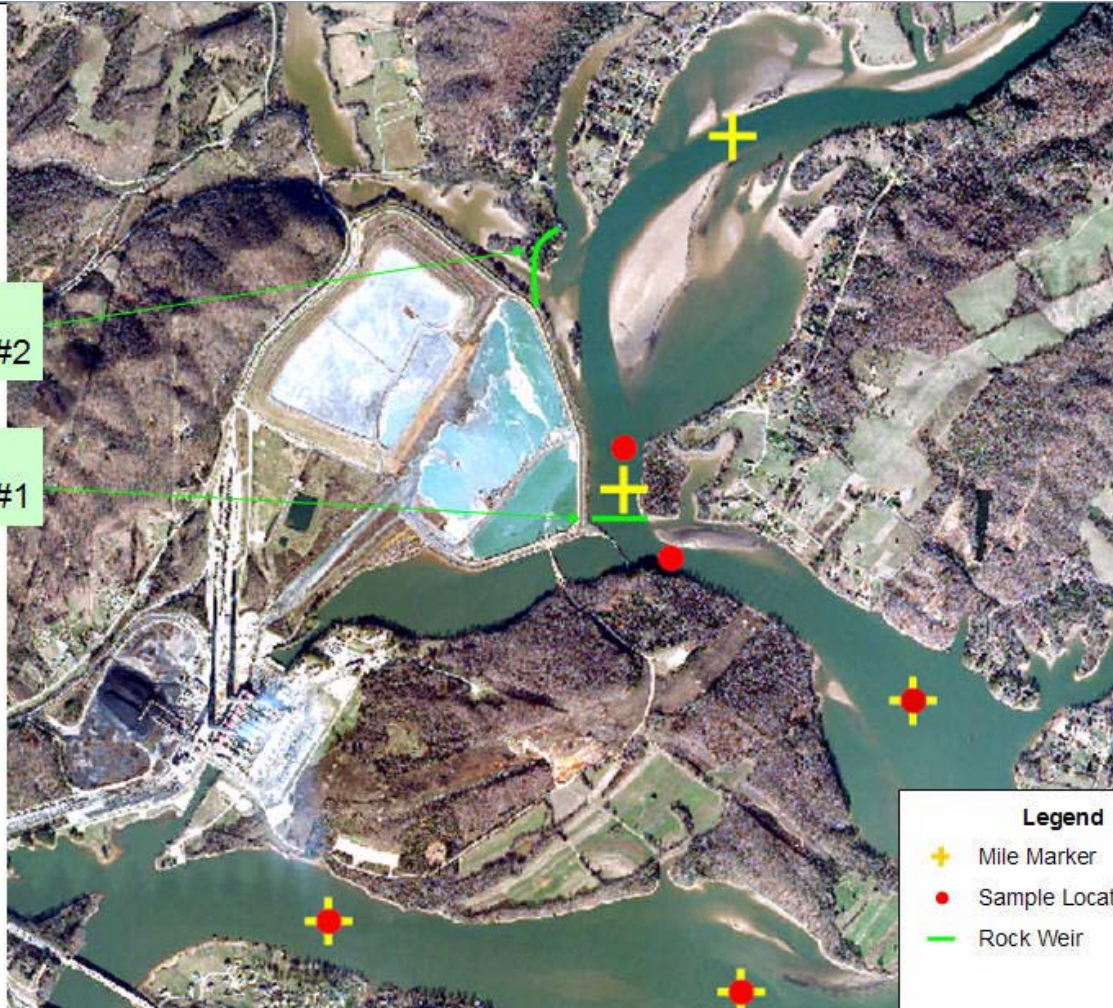
ICS 204-a2

Organization Name

Weir # 1 Group

ID#

Area Of Operation



Rock Weir #2

Rock Weir #1

Legend

- + Mile Marker
- Sample Location
- Rock Weir

Prepared By: (Situation Unit)

Josh Dubach

Date / Time:

JAN 2 09 09:48

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Weir Buliding Branch		4. Division/Group/Staging Weir # 2 Group		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summer			
Branch Director:	Brad Workman			
Division/Group Supervisor/STAM:				
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
No Resources Assigned				<input type="checkbox"/>
7. Work Assignments				
Weir #2 is currently in the engineering phase. It's location is designated on the attached map.				
8. Special Instructions				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: _____	Evacuation: _____	Other: _____		
10. Prepared by Josh Dubach		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
JAN 2 09 09:48				

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Debris Removal		4. Division/Group/Staging Land		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	TVA		
Branch Director:	Tony Knight	TVA		
Division/Group Supervisor/STAM:	Bennett Simar	O'Briens Response Management		
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
ATV				On Site <input type="checkbox"/>
Hepaco Personnnel				On Site <input type="checkbox"/>
Roll Off Boxes				On Site <input type="checkbox"/>
7. Work Assignments				
<p>Remove debris from shoreline. Debris will be stored in roll off boxes for disposal. This group will be working in all divisions. Lead will work closely with Community Outreach.</p>				
8. Special Instructions				
<p>All personnel will be marked with high visibility vests. Tailgate Safety Meetings will be conducted prior to the days operations. All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.</p>				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: 911	Evacuation: _____	Other: _____		
10. Prepared by Calvin (Bud) Kline		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
JAN 2 09 09:58				

1. Incident Name					2. Operational Period (Date / Time)		Assignment List	
Fly Ash Pond Incident					From: JAN 2 09 06:00 To: JAN 9 09 06:00		ICS 204-CG	
3. Branch			4. Division/Group/Staging					
Debris Removal			On Water					
5. Operational Personnel		Name	Affiliation		Contact # (s)			
Operations Section Chief:		Bob Summers	TVA					
Branch Director:		Tony Knight	TVA					
Division/Group Supervisor/STAM:		Tony Knight	TVA					
6. Resources Assigned					"X" indicates 204a attachment with additional instructions			
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks				
2 - Cranes				On Site <input type="checkbox"/>				
13 - Barges				On Site <input type="checkbox"/>				
12 - Personnel				On Site <input type="checkbox"/>				
1 - Excavator				On Site <input type="checkbox"/>				
2 - Tug Boats				On Site <input type="checkbox"/>				
7. Work Assignments								
Remove all floating and visible submerged debris from waterway. Barges will be unloaded shore side by the excavator.								
8. Special Instructions								
All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water.								
9. Communications (radio and/or phone contact numbers needed for this assignment)								
Name / Function		Radio Freq./System/Channel			Phone		Cell/Pager	
Hailing Frequency		Ch 16						
Emergency Communications								
Medical: 911			Evacuation:			Other:		
10. Prepared by		Date/Time	11. Reviewed by (PSC)		Date/Time	12. Reviewed by (OSC)		Date/Time
Calvin (Bud) Kline		JAN 2 09 10:49						

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Environmental Unit		4. Division/Group/Staging Monitoring & Sampling		
Task Force/Strike Team Air Monitoring & Sampling		Team		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	TVA	_____	
Branch Director:	Jamie Dotson	TVA	_____	
Division/Group Supervisor/STAM:	Dennis Yankee	_____	_____	
Task Force/Strike Team Leader:	Cassi Wylie	_____	_____	
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
Air Monitoring & Sampling Resources	Cassi Wylie		7	Resource at designated response locale 12/31/08 <input type="checkbox"/>
7 - CTEH Personnel	Scott Skelton		7	Resource at designated response locale 12/31/08 <input type="checkbox"/>
Air Monitoring Trailer				Resource at designated response locale 12/31/08 <input type="checkbox"/>
7. Work Assignments				
Deploy mobile hand held real time air monitors Service off site air monitoring stations Service on site air monitoring stations				
8. Special Instructions				
Follow site safety plan \Obtain proper permissions as required				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: 911	Evacuation: _____	Other: _____		
10. Prepared by Calvin (Bud) Kline		11. Reviewed by (PSC) _____		12. Reviewed by (OSC) _____
Date/Time JAN 2 09 15:49		Date/Time _____		Date/Time _____

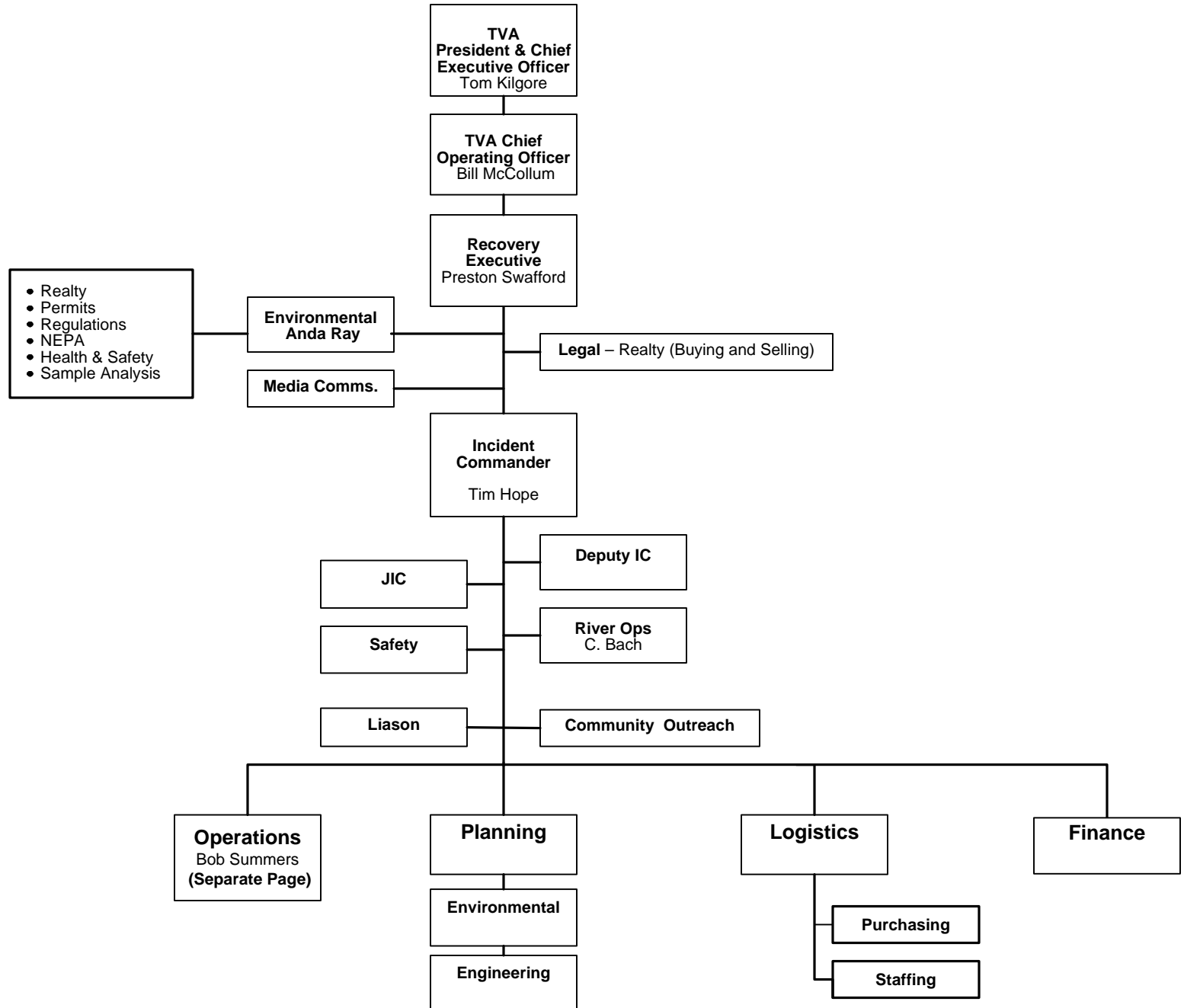
1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Environmental Unit		4. Division/Group/Staging Monitoring & Sampling		
Task Force/Strike Team Ash Containment Monitoring		Team		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	TVA		
Branch Director:	Jamie Dotson	TVA		
Division/Group Supervisor/STAM:	Dennis Yankee			
Task Force/Strike Team Leader:	John Hutmaker			
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
Ash Containment Monitoring Resources	John Hutmaker			Resource at designated response locale 12/31/08 <input type="checkbox"/>
1 - Monitoring Boat				Resource at designated response locale 12/31/08 <input type="checkbox"/>
4 - Monitoring personnel				Resource at designated response locale 12/31/08 <input type="checkbox"/>
7. Work Assignments				
Conduct periodic depth soundings in designated area of the Clinch River Conduct periodic depth soundings at cold water retention dam at Clich River Mile 4 Marker.				
8. Special Instructions				
Follow on site safety plan				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: _____	Evacuation: _____	Other: _____		
10. Prepared by Calvin (Bud) Kline		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
JAN 2 09 11:24				

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Environmental Unit		4. Division/Group/Staging Dust Suppression		
5. Operational Personnel		Contact # (s)		
Operations Section Chief: <u>Bob Summers</u>		<u>TVA</u>		
Branch Director: <u>Jamie Dotson</u>		<u>TVA</u>		
Division/Group Supervisor/STAM: _____		_____		
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
Helicopter				<input type="checkbox"/>
7. Work Assignments				
Ground Application: - Apply Myncryl X-50 to ash using portable pump system where safely possible. - Document where and when applications are made.				
Aerial Application: - Use helicopter to apply hydro-seeding where safely possible. - Document results.				
<u>See Branch Director for Scope of Work.</u>				
8. Special Instructions				
Coordinate with ops chief prior to initiating application. JSA required prior to application for both aerial and ground application.				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: <u>911</u>		Evacuation: _____		Other: _____
10. Prepared by Josh Dubach		11. Reviewed by (PSC) _____		12. Reviewed by (OSC) _____
Date/Time JAN 2 09 15:25		Date/Time _____		Date/Time _____

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG	
3. Branch Environmental Unit		4. Division/Group/Staging Monitoring & Sampling			
Task Force/Strike Team Water Monitoring & Sampling		Team			
5. Operational Personnel		Name		Affiliation	
Operations Section Chief:		Bob Summers		TVA	
Branch Director:		Jamie Dotson		TVA	
Division/Group Supervisor/STAM:		Dennis Yankee			
Task Force/Strike Team Leader:		J. Burke / Phylis Hilton			
6. Resources Assigned "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier		Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
Water Monitoring & Sampling Resources		J. Burke / Phylis Hilton			Resource at designated response locale 12/31/08 <input type="checkbox"/>
3 - Boats					Resource at designated response locale 12/31/08 <input type="checkbox"/>
9 - Vehicles					Resource at designated response locale 12/31/08 <input type="checkbox"/>
2 - ATV					Resource at designated response locale 12/31/08 <input type="checkbox"/>
2 - Equipment Trailer					Resource at designated response locale 12/31/08 <input type="checkbox"/>
13 - Personnel				13	Resource at designated response locale 12/31/08 <input type="checkbox"/>
7. Work Assignments Conduct periodic sampling of river and ground water as directed by Water Sampling Plan					
8. Special Instructions Follow standard protocols as outlined in Water Sampling Plan Conduct pre-shift safety meetings Conduct JSA's as needed.					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name / Function		Radio Freq./System/Channel		Phone	Cell/Pager
_____		_____		_____	_____
_____		_____		_____	_____
_____		_____		_____	_____
Emergency Communications					
Medical: _____		Evacuation: _____		Other: _____	
10. Prepared by Calvin (Bud) Kline		Date/Time JAN 2 09 11:24		11. Reviewed by (PSC)	
				Date/Time	
				12. Reviewed by (OSC)	
				Date/Time	

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Environmental Unit		4. Division/Group/Staging Monitoring & Sampling		
Task Force/Strike Team Water/Solid Waste Monitoring & Sampling		Team		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	TVA	_____	
Branch Director:	Jamie Dotson	TVA	_____	
Division/Group Supervisor/STAM:	Dennis Yankee	_____	_____	
Task Force/Strike Team Leader:	_____			
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
Water/Solid Waste Monitoring & Sampling Resources			11	Resource at designated response locale 12/28/08 <input type="checkbox"/>
Sampling Personnel	J. Walker		11	Resource at designated response locale 12/28/08 <input type="checkbox"/>
Vehicles				Resource at designated response locale 12/31/08 <input type="checkbox"/>
Response Trailer				Resource at designated response locale 12/28/08 <input type="checkbox"/>
Response Boats				Resource at designated response locale 12/28/08 <input type="checkbox"/>
7. Work Assignments				
Seeking access agreements from local home owners or land owners				
Once permission is received collect sludge and ash samples				
8. Special Instructions				
Ensure permission for access is obtained prior to collecting samples				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
_____	_____	_____	_____	
_____	_____	_____	_____	
_____	_____	_____	_____	
Emergency Communications				
Medical: _____	Evacuation: _____	Other: _____		
10. Prepared by Calvin (Bud) Kline		11. Reviewed by (PSC) _____		12. Reviewed by (OSC) _____
Date/Time JAN 2 09 11:25		Date/Time _____		Date/Time _____

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 2 09 06:00 To: JAN 9 09 06:00		Assignment List ICS 204-CG
3. Branch Security Branch		4. Division/Group/Staging		
5. Operational Personnel		Contact # (s)		
Operations Section Chief: <u>Bob Summers</u>		<u>Tennessee Valley Authority</u>		
Branch Director: <u>Lt. Greg Roberts</u>		<u>Tennessee Valley Authority</u>		
Division/Group Supervisor/STAM: _____				
6. Resources Assigned "X" indicates 204a attachment with additional instructions 				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
Security Units	Lt. on duty		7	On Site <input type="checkbox"/>
7. Work Assignments				
<p>Maintain security at Stationary Checkpoints (Post 1 and Post 2)</p> <p>Conduct patrols on site and offsite</p> <p>Maintain security at the Helo pad when in operation</p> <p>Conduct on water patrol operations</p>				
8. Special Instructions				
<p>All security procedures conducted by the TVA Police will be in accordance with the TVA Security Plan</p> <p>Security personnel will perform a site safety brief with each shift</p> <p>Badging incoming response personnel will be performed by O'Brien's Response Management</p> <p>A security boat will monitor the boom placed and the nothernmost boom in the river at night to prevent recreational traffic from running the boom.</p>				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
Security Office	_____	_____		
Lt. Gossett	_____	_____		
Dispatch (24hr) - Knoxville	_____	_____		
Emergency Communications				
Medical: <u>911 (8911)</u>		Evacuation: _____		Other: _____
10. Prepared by Josh Dubach		11. Reviewed by (PSC) _____		12. Reviewed by (OSC) _____
Date/Time JAN 2 09 00:00		Date/Time _____		Date/Time _____



Incident Name Fly Ash Pond Incident	Document Name: ICS 208 - Site Safety Plan
Description Kingston Fossil Plant Ash Recovery Site Safety Plan	
<p>Kingston Fossil Plant Ash Recovery Site Safety Plan</p> <p>Scope</p> <p>An ash containment wall has failed at the KIF which will require extensive clean-up activities. These activities will inherently expose personnel to increased and unusual hazards. It is imperative during emergency operations to remember the fundamental steps of performing a job safely.</p> <p>Nature of Work</p> <p>The beginning stages of the clean-up efforts will involve use: "Use of trucks to transport heavy equipment "Use of heavy equipment to move debris "Use of personnel to install environmental barriers and controls "Use of security personnel to keep non-authorized personnel from entering area to include general public</p> <p>New Equipment Check-In and Staging</p> <p>All arriving equipment will be brought to gravel lot behind the ball field at the north entrance to the plant. Equipment and personnel will be checked in with Harold Catlett who will be using James Settles as the day shift foremen and Kevin Abner as the second shift foremen.</p> <p>Recovery Zone Basic Safety Requirements</p> <p>"Establish boundaries - set up a primary and secondary zones based on risk and determine who is authorized to enter those zones; keep all others out of the work area "All employees in ash recovery and dike work areas must wear a green high visibility vests when entering work areas. All others will be asked to leave the area. "Personnel accountability - Employees must sign in and out of controlled work areas upon entering/leaving the controlled zones using the log on page 4; no one should be assigned to work alone "Communication - maintain clear lines of communication with all personnel and establish a clear chain of command "General public safety - keep people out of the area</p> <p>Immediate supervisors and safety personnel will execute the following tasks prior to the beginning of any job activities:</p> <ol style="list-style-type: none"> 1.Coordinate all pre-job briefing at work zones 2.Look at area and provide recommendation to site recovery leader. 3.Review all JSA's prior to work being performed on this recovery effort. 4.Barricade areas deemed unstable. Maintain log of areas deemed unsafe. 5.Participate in site recovery meeting 6.Special needs assessment include but not limited to : "river banks "water enter "roadways collapse potential "engulfment potential "Rescue operations staged "Work with TVAP "walkways collapse potential 8. Review trenching and rescue procedure for compliance 9. Coordinate with EOC (contact FPG/RO safety manager.) <p>Safety team lead: Mike Gahagan, Team members: Chris Jeter, Mike McCombs, David Driver, Chuck Proffitt, & Rick Hubbard.</p> <p>Pre-Job Planning</p> <p>All jobs must begin with proper planning. Individuals must know and understand each job step and how to perform it safely. All personnel must be briefed on the following points prior to beginning any work:</p> <p>"What are we going to do? "What is the worst thing that can happen? "What are the critical steps? "What are the error-likely situations? - What effects will moving debris have on integrity of surrounding area "What are the hazards? "How do we control the hazards?</p> <p>Do not proceed with job activities until these aspects have been discussed and all concerns have been addressed.</p>	
Prepared by: (name) Calvin (Bud) Kline	Prepared Date / Time: DEC 29 08 10:54
Page: 1	

Incident Name

Fly Ash Pond Incident

Document Name:

ICS 208 - Site Safety Plan

Description

Kingston Fossil Plant Ash Recovery Site Safety Plan

Unique Hazards

Some of the unique hazards that this situation presents include:

- "Stability of earth you are working on and around - engulfment
- "Water hazards - unknown depth of standing water
- "Unsure footing
- "Slippery work surfaces - particularly mounting and dismounting heavy equipment
- "Ruptured or downed utility lines to include gas, water, and power lines
- "Experience and training of operators and crews- lack of experience may spell disaster

Other Considerations

Personnel safety during these clean-up operations is of the utmost importance. Approach all situations with a questioning attitude. Do not take unnecessary risks. Do not rush. If job conditions change, stop! Do not proceed until conditions are understood, hazards are assessed, and control measures are implemented.

Emergency Contacts

In the event of an incident or medical emergency, follow the notification chain below until you reach a contact to initiate emergency response:

Prepared by: (name)
Calvin (Bud) Kline

Prepared Date / Time:
DEC 29 08 10:54

Page:
2

1. Incident Name
Fly Ash Pond Incident

2. Operational Period (Date / Time)
From: JAN 2 09 06:00 To: JAN 9 09 06:00

RESOURCES AT RISK SUMMARY
ICS 232-CG

3. Environmentally-Sensitive Areas and Wildlife Issues

Site #	Priority	Site Name and/or Physical Location	Site Issues
	2	Kingston Park Recreation Area	1.5 miles Eastern Shore of the Clinch River - Mile # 1.5 (865) 376-9476
	1	Water Intake - City of Kingston Water Department	3.5 miles (3 miles down the Clinch River to the confluence of the Tennessee River and 1/2 mile back upstream on the Tennessee River) Easter shore of the Tennessee River Mile 568.2 (865) 376-2323
	1	Water Intake - Harriman Utility Board	

Narrative

Narrative

5. Prepared by: (Environmental Unit Leader)
KC Leidolph

Date / Time:
JAN 2 09 12:09

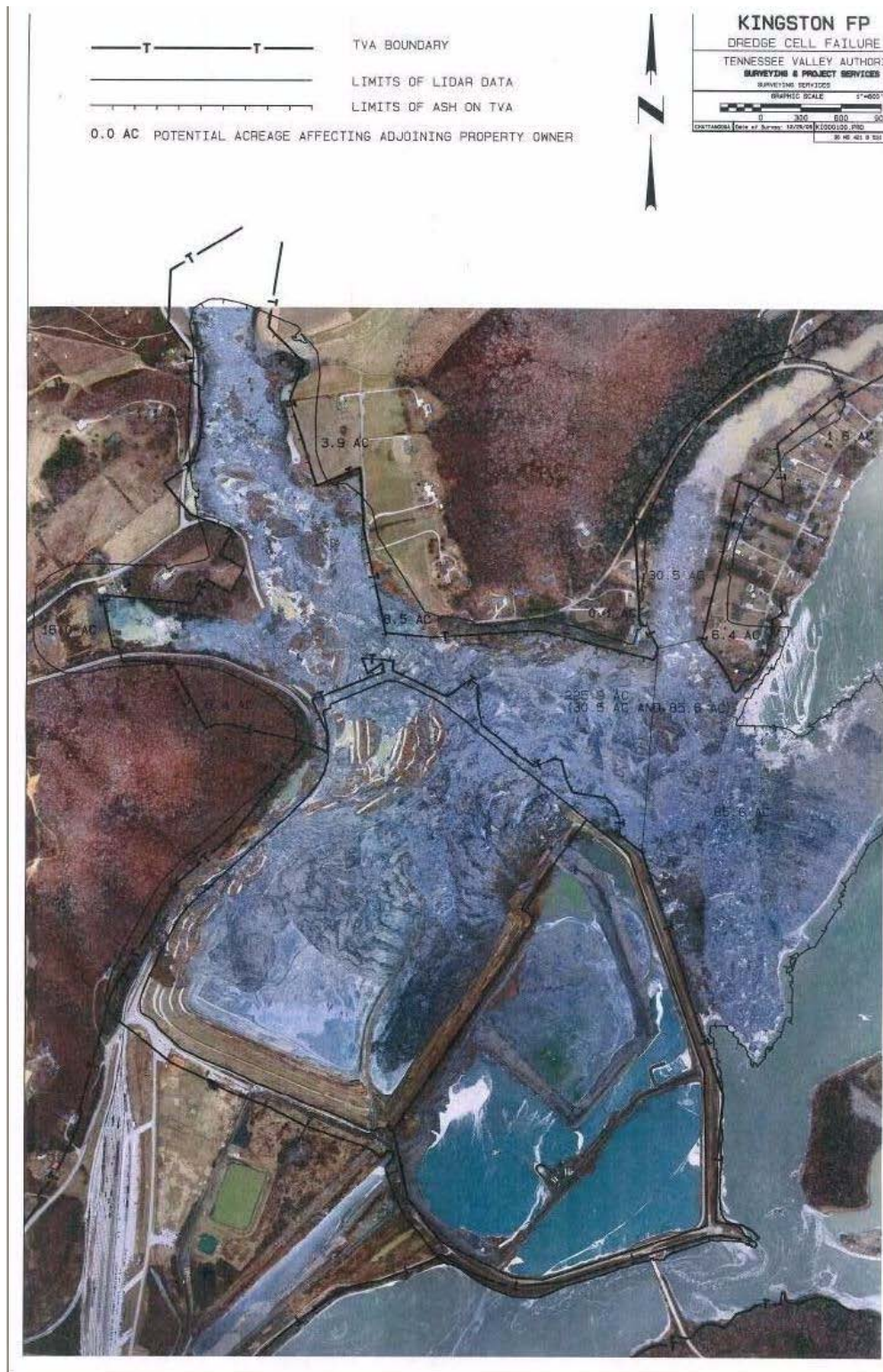
Incident Name

Fly Ash Pond Incident

Document Name:

TVA Map A

Description



Incident Name









Fly Ash Pond Incident

Document Name:

Weather

Description

Forecast at a Glance

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
								
50% Chance Rain Hi 50°F	Dense Fog Lo 33°F	20% Slight Chc Showers Hi 58°F	60% Showers Likely Lo 46°F	50% Chance Showers Hi 61°F	30% Chance Showers Lo 40°F	20% Slight Chc Showers Hi 50°F	50% Chance Showers Lo 36°F	60% Showers Likely Hi 52°F

Detailed 7-day Forecast

Hazardous weather condition(s):

Short Term Forecast

Today: A 50 percent chance of rain before 1pm. Mostly cloudy, with a high near 50. Southwest wind between 5 and 15 mph, with gusts as high as 20 mph.

Tonight: Patchy dense fog after 1am. Otherwise, partly cloudy, with a low around 33. South wind around 5 mph.

Saturday: A 20 percent chance of showers after 1pm. Mostly cloudy, with a high near 58. South wind around 5 mph.

Saturday Night: Showers likely, mainly after 1am. Cloudy, with a low around 46. South wind around 5 mph. Chance of precipitation is 60%.

Sunday: A 50 percent chance of showers. Mostly cloudy, with a high near 61. West wind between 5 and 10 mph.

Sunday Night: A 30 percent chance of showers, mainly before 11pm. Mostly cloudy, with a low around 40.

Monday: A 20 percent chance of showers after 1pm. Mostly cloudy, with a high near 50.

Monday Night: A 50 percent chance of showers. Mostly cloudy, with a low around 36.

Tuesday: Showers likely. Cloudy, with a high near 52. Chance of precipitation is 60%.

Current Conditions

[Move Down]

Oak Ridge

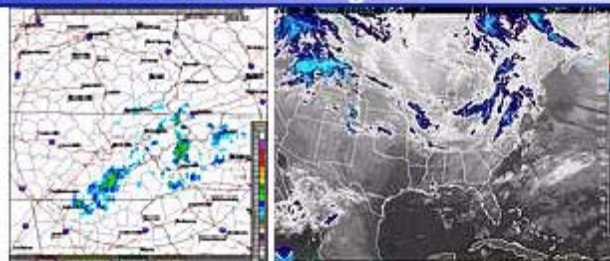
Lat: 36.02 Lon: -84.23 Elev: 910
Last Update on Jan 2, 6:53 am EST

Light Rain

**34°F
(1°C)**

Humidity:	92 %
Wind Speed:	Calm
Barometer:	30.05" (1019.0 mb)
Dewpoint:	32°F (0°C)
Visibility:	10.00 mi.
More Local Wx:	3 Day History:

Radar and Satellite Images



Detailed Point Forecast

[Move Up]

Click Map for Forecast

Disclaimer

