REDACTED VERSION

IAP Cover Sheet	Version Name: Period 5
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Approved By

Federal OSC:	Adams, Adam	for Adam Adams
Jefferson County Judge:	Branick, Jeff	
State OSC:	Davila, Hope	Jillian Layton
EOC Manager:	Monk, Troy	Mike Wright

Incident Action Plan

Notes

MAY CONTAIN PERSONAL IDENTIFYING INFORMATION, CONFIDENTIAL INFORMATION, OR SENSITIVE SECURITY INFORMATION. MAY BE EXEMPT FROM DISCLOSURE UNDER THE FREEDOM OF INFORMATION ACT OR TEXAS PUBLIC INFORMATION ACT

Opera Staging 12/1/2019

ED_004207_00000746-00001

90044684

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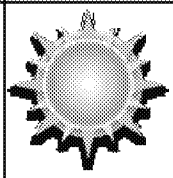
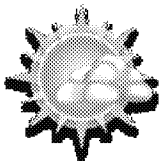
Present Conditions

Weather Conditions as of 12/02/2019 16:00

port neches station id: MID_AN554

Temperature:	51° Fahrenheit	***Feels Like:***	51° Fahrenheit
Wind Speed:	mph	***Dew Point:***	° Fahrenheit
Wind Direction (from):		***Pressure:***	
Visibility:	mile(s)	***UV Index:***	
Humidity (%):		***Sunrise:***	06:54
Short Description:	Sunny	***Sunset:***	17:15
Full Description:	Sunny		
Current Speed:		***Wave Height:***	
Current Direction (to):		***Wave Direction:***	
Water Temperature:	° Fahrenheit	***Swell Interval:***	

Forecast Date			***Night***	
Mon 12/02/2019	 60 F	**Sunny** **Chance of Precipitation(%):** 0% **Wind:** 9 mph	41 F	**Clear** **Chance of Precipitation(%):** 0% **Wind:** 2 mph
Tue 12/03/2019	 66 F	**Mostly Sunny** **Chance of Precipitation(%):** 0% **Wind:** 4 mph	48 F	**Mostly Clear** **Chance of Precipitation(%):** 0% **Wind:** 2 mph

Tides

	Tide	***Height***	***UOM***	***Time***	***Tide Station Location***
Mon 12/02/2019	High	0.884	feet	02:09	Rainbow Bridge, Tx Us
	Low	-0.013	feet	17:35	Rainbow Bridge, Tx Us
Tue 12/03/2019	High	0.85	feet	02:30	Rainbow Bridge, Tx Us
	Low	0.07	feet	18:25	Rainbow Bridge, Tx Us

Objective
Ensure the Safety of the Public and Response Personnel
Maximize Protection of Environmentally-Sensitive Areas
Stabilize the Incident and Protect Unaffected Assets and Physical Infrastructure
Contain, Recover and Dispose of Spilled Material
Manage Coordinated Response Effort
Keep Stakeholders, Local Government, and Public Informed of Response Activities

Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)

Ensure proper site safety plan and risk analysis when conducting tactics.

Support mandatory evacuation/shelter, if ordered.

Support rehab for first responders.

Maintain situational awareness including atmospheric conditions.

Establish estimated inventory of remaining product.

Maintain an inventory of fire fighting water volume and remaining containment capacity. Maintain record of fire suppression foam being used and remaining inventory.

Establish and maintain an approved air monitoring plan with a public health component.

Establish and maintain Document Retention, especially in regards to decision making documents.

Prioritize the prevention of incident related materials from being discharged into the Neches River.

Minimize emissions and odors.

Priorities
People (Life Safety)
Assets
Environment Protection
Incident Stabilization
Protect Transportation Infrastructure
Waterway Management
Public and Stakeholder Engagement
Evidence Preservation
Property Preservation
Society Restoration/Business Continuity
Information Management
Resumption of Commerce
Reputation

Limitations and Constraints

- Weather Conditions
- Night Operations
- Location of the Incident
- Availability/shortfall of Resources
- Transportation/Logistics
- Support Infrastructure
- Permits (Authorization to apply Alternate Response Techniques)
- Wildlife activities (fish, birds, etc.)
- Access to Shoreline (Private vs Public Lands)
- Spilled Material Characteristics (monitoring/PPE requirements)
- Public Health
- Community/Media Perception
- Changes in Evacuation or SIP orders asordered by Jefferson County Judge
- Evidence Preservation
- Work/rest Rotation Requirements
- Disposal of Waste
- Jurisdictional Issues

Key Decisions and Procedures

Key Decisions

- Makeup of UC - Federal, State, Local, & RP
- Name of Incident = South 4 Group Fire
- Overall Response Organization - Staffing
    - Operations Section Chief & Deputy OSC = TPC
    - Planning Section Chief & Deputy PSC = TPC
    - Logistics Section Chief = TPC
    - Finance Section Chief = TPC
    - Safety Officer = TPC
    - Public Information Officer = TPC
    - Liaison Officer = TPC
    - Environmental Unit Leader = TPC

  Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization

- Command Post - Holiday Inn & Suites, 3950 IH 10, Beaumont, TX 77705
- Joint Information Center - Holiday Inn & Suites, 3950 IH 10, Beaumont, TX 77705
- Operational Period and work hours - 24 Hour Ops Period from 0600hrs to 0600hrs
- All external releases of information should be approved by UC (Press releases and press conferences)
- Any resource request over $10,000(pending logistics) should be approved by EOC Manager
- Any issues around waterway management will be managed, as required, with the USCG

Procedures

- Resource Requests / Ordering Process (ICS 213 RR)
- Press Releases / External Reporting Procedures - Done
- External Reporting Review & Approval Process - Planning Cycle
- Operational Security Process - TRG Lanyards and Badges
- Documentation Process and Guidelines - IAP Software, following document retention
- Finance Operating Guidelines - Is deployed
- Claims Process - Number established - (866) 601-5880
- Demobilization Process
- Shoreline Cleanup Assessment Techniques - As applicable

Critical Incident Reporting Threshold (Critical Information Reports):

Notify Unified Command Immediately for any of the Following:

- Injury Beyond First Aid or Death
- Evacuations
  - Any change to evacuation/SIP order
- Any Air Monitoring Results Exceeding Action Levels
  - Working on air monitoring plan
- Critical Response Equipment Status Change
- Change in the Source Status
- Critical Weather Events
- Public infrastructure closures (parks, boat ramps, railroads, roads, etc.)
- Protests / Demonstrations
- Significant Security Issues
- Breach of Safety Zone
- VIP Visits
- Dead or Oil Impacted Wildlife
- Adverse Media Coverage or Stakeholder Input
- Affected Public Seeking Medical Attention
- Significant Response Events
- Impacts to Commerce
- Any unaccounted for, or unauthorized personnel in the field
- Special requests from agencies
- Impacts to Water Intake of the Neches River
  - Release of sheen or product to the Neches River
- When containment level of any area reaches critical levels

ROUTINE REPORTING:

Situation Unit:

- Progress Report ICS-209 Incident Status Summary (Daily Report - 1800hrs)
- Live Common Operating Picture (Displays - Ongoing)
- Spot Weather Report, Trajectories & Meeting Schedule (Displays - Hourly)
  - Command and General Staff Meeting - 1900hrs at new ICP (Rest of Meeting Schedule to follow)

Operations:

- Operational Status Update prior to Objectives Meeting & Key Trigger Points in the response (Milestones/Operational Constraints/Challenges/Future OPS) from OSC/PSC/Logistics) - (Briefing)
- Fire water reportout including fire water runoff/discharged to both watewater treatment and outfall - (0600 Operations Briefing)

Liaison Officer:

- Agencies assigned to incident listing (Report - 0800hrs)
- Adversely impacted & involved stakeholders listing (Report - 0800hrs)

Public Information Officer:

- Media Talking Points from PIO (Daily Report - 0800hrs)
- PIO to report on media climate (Report/Briefing - 0800hrs)

Finance:

- Burn Rate from Finance (Report - 0800hrs)
- Updated claims information (Report - 0800hrs)

ICS 203 - Organization Assignment List

Version Name: 20191202

Incident Name: South 4 Group Fire

Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Command	
Federal OSC Night	Rouse, Philip
State OSC Night	Ross, William
Incident Commander Day	McDonald, Scott
Safety Officer Field	Smart, Jeremy
Public Information Officer	Cronin, Sara
Liaison Officer	Sanders, Jason
EOC Manager Night	Wright, Mike
ICS Technical Specialist	Tannehill, Lance
Local Government OSC	White, Michael
EOC Manager Day	Monk, Troy
Federal OSC Day	Adams, Adam
Incident Commander Night	Hollier, Kurt
Safety Officer Day	Clifton, Chrisy
Safety Officer Night	Dorsa, Clayton
State OSC Day	Davila, Hope
Deputy Federal OSC	Loesel, Matt
Planning Section	
Demobilization Unit Leader	Cole, Bethany
Documentation Unit Leader	Rios, Tasha
GIS Specialist	Gray, Kevin
Planning Section Chief	Park, Johnny
Planning Section Chief Day	Gehrke, Brian
Planning Section Chief Night	Park, Johnny
Resource Unit Leader	Nail, Johnny
Situation Unit Leader	Webb, Jake
Logistics Section	
Communications Unit Leader	Dyer, Ernie
Communications Unit Leader	Bradley, Luther
Communications Unit Leader	Block, Michael
Deputy Logistics Section Chief	
Facilities Unit Leader	
Food Unit Leader	
Ground Support Unit Leader	Moore, Jeff
Logistics Section Chief Day	Dupuis, Philip
Logistics Section Chief Night	Elton, Lawson
Medical Unit Leader	
Service Branch Director	
Supply Unit Leader	
Staging Coordinator	Dainwood, Mikel
Support Branch Director	

Operations Section	
Air Monitoring Group	TCEQ/NRC
Air Ops Group Supervisor	Lindsey, David
Asbestos & Debris Recovery Group	CTEH
Deputy Operations Section Chief	Sharpe, Randall
Division A Supervisor	Garcia, Thomas
Division B Supervisor	Williams, Jordan
Division C Supervisor	Blanchard, Leland
Division D Supervisor	Bowers, Daniel
Division E Supervisor	Williams, Jordan
Emergency Response Branch Director	McDonald, Scott
Env Sampling Group	EPA/Weston
Environmental Specialist	Miller, Mike
Fire Suppression Group Supervisor	Williams, James
Huntsman Gate 44 - Staging Area Manager	Moore, Josh
Main Gate Staging Area	TBD
OPERA Staging Area	Hellickson, Jacob
Operations Section Chief	Lynn, Gordon (Mike)
Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)
SCAT Group	TGLO
Staging Area Manager	TRG -Hellickson, Jacob
Staging Branch Director	
Support Services Branch Director	Sanders, Jason
TPC Docks Staging Area Manager	Smart, Jeremy
UAS - Aircraft Coordinator	Cameron, Chris
Waste Management Group Supervisor	CTEH
Wildlife Group Supervisor	Riesinger, Joyce
Finance Section	
Compensation/Claims Unit Leader	
Cost Unit Leader	
Deputy Finance Section Chief Night	Carpenter, Ken
Deputy Finance Section Chief Night	Nelson, Jacqueline
P2P	Thibodeaux, Keryn
Finance Section Chief Day	Sanders, Ashley
Procurement Unit Leader Day	Burke, Dona
Procurement Unit Leader Night	Koskie, Bill
Time Unit Leader	

Other Sections / Positions

Section	*Position*	*Person*
JIC	APIO Information Gathering	Lamberth, Erika
JIC	APIO Information Products	Doughty, Haley
JIC	APIO Media Relations	Keith, Payton
JIC	Information Products	Alisha Prather
JIC	JIC Manager	Renny DeVille
JIC	Website Specialist	Watkinson, Anastasia

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6) [redacted]	
Air Monitoring Group	CTEH			
Air Monitoring Group	EPA/Weston			
Air Monitoring Group	TCEQ/NRC			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Air Monitoring Group	Equipment: Safety	Benzen Tubes	10 each	
Air Monitoring Group	Air Monitor - MultiRAE	Air Monitor - MultiRAE	68 each	
Air Monitoring Group	Air Monitor - UltraRAE	Air Monitor - UltraRAE	79 each	
Air Monitoring Group	Air Monitoring Technician	TPC (CTEH) Air Monitoring Tech	22 each	
Air Monitoring Group	Equipment: Safety	Butadiene Tubes	20 each	
Air Monitoring Group	Air Monitoring Technician	EPA (START-Weston) Air Monitoring Tech	4 each	
Air Monitoring Group	Air Monitoring Technician	TCEQ (NRC) Air Monitoring Tech	8 each	
Air Monitoring Group	Equipment: Safety	Air Monitor - DRAGER X-PID	17 each	
Air Monitoring Group	Equipment: Safety	AM510	22 each	
Air Monitoring Group	Aircraft: Fixed Wing	ASPECT - Air Monitoring Aircraft	1 each	feet
Air Monitoring Group	Air Monitor - AreaRAE	Air Monitor - AreaRAE	10 each	

Assignments

All Air Monitoring activities are to be conducted in accordance with the Air Monitoring Plan.
For all areas as directed for both day and night shift as safe to do so. Continuous and roving detecting air gas monitoring to be conducted by trained gas testing personnel using multi-gas monitors.

Ambient air sampling will continue in the 4-mile radius and the surrounding area as it has since the incident began. Technicians will shift to any areas where sampling results indicate elevated results.

EPA (START/Weston) - 1 - 2 person team(DAY) and 1 - 2 person team(NIGHT) roving team conducting air monitoring downwind in the communities.

ASPECT Aircraft will fly for air monitoring.

TCEQ (NRC) - 4 day personnel and 4 night personnel roving team conducting air monitoring downwind in the communities.

TPC (CTEH) - Utilize roaming air monitors within the area, as well as the surrounding community.

Utilize stationary air monitoring collecting analytical samples that are being sent for asbestos, PNAH, and hydrocarbons.

Air monitoring is occuring in multiple areas where spill mitigation and remediation activities are occuring, including staging areas and vessels.

Conduct real-time air monitoring with off-site and on-site air monitoring stations in order to monitor the community and personnel with MultiRAEs and AreaRAEs. AreaRAE units are deployed at fixed locations and readings will be monitored in a centralized location by the Air Monitoring Group to allow for rapid recognition, communication and response to changing conditions.

Ensure future deployment locations are established based on plume projections.

Report to Safety and Operations on established schedule except for action level exceedances which should be reported immediately.

If sustained detection of readings are observed, personnel will be instructed to deploy to site to confirm the detection with a secondary hand held real time instrument. Monitor changing environmental conditions and notify operations supervisors of any unsafe conditions. Data managers onsite will provide data summaries and support.

Special Instructions

Use proper PPE. Report any changes to operation section.Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Communications

Name / Function	*Contact Details*
Safety / Safety	Safety 1
Multi Agency Radio	Multi Agency Radio 4

Special Environmental Considerations

Follow the approved Air Sampling to ensure the goals are met and information disseminated.

Special Site-Specific Safety Considerations

Wear SCBA while in the Exclusion Zone. Stay out of smoke plume.

Immediately leave area with elevated readings above the air monitoring action limit.

Be aware of surroundings and vehicle traffic.

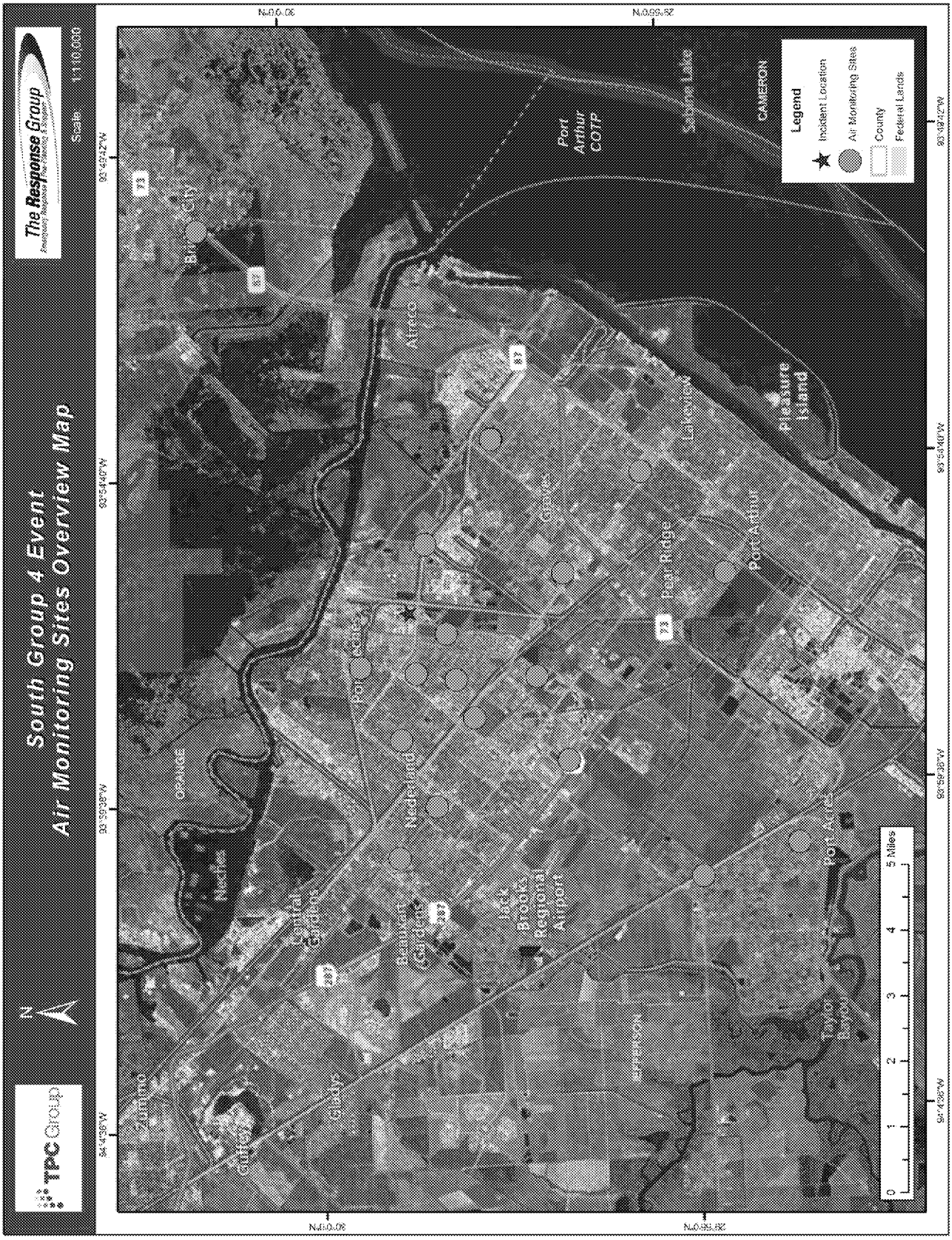
Be aware of wildlife while working around/near water and high grassy areas.

Personal flotation device required if within 3' of bodies of water (canals, deep ditches, etc.).

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

Air Monitoring Overview Map



Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6) [redacted]	
Asbestos & Debris Recovery Group	Clean Harbors (Cotton)			
Asbestos & Debris Recovery Group	CTEH			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Asbestos & Debris Recovery Group	Safety Personnel	Asbestos Remove Tech	4 each	
Asbestos & Debris Recovery Group	Safety Personnel	Debris Removal Tech	4 each	
Asbestos & Debris Recovery Group	Safety Personnel	Toxicologist	3 each	
Asbestos & Debris Recovery Group	Safety Personnel	Documentation Specialist	4 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Certified Asbestos Consultant	3 each	
Asbestos & Debris Recovery Group	Manpower: Supervisor	Asbestos Supervisors	2 each	

Assignments

Community assessment for the presence of any ACM or incident debris and the sampling, collection and removal.

3 Teams consisting of 1 Toxicologist, 2 health scientist and 1 certified asbestos consultant.

These teams will evaluate homes for the presence or absense of insulation and/or potentially asbestos containing materials (PACM)
in accordance with the UC approved sampling and analysis plan and in response to residential requests to the call center and/or online database.

Priorities will be established based on health concerns communicated by the residents.

Should the PACM or other potential terminal debris be found, the asbestos contractor will be notified and material will be collected in accordance with the contractor's plan.

Standby Resources:
2 teams of 5 consisting of abatement sampling and recovery specialist to be deployed when mobilized by the assessment teams.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways. Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Report safety incidents and concerns to your immediate supervisor.

Stay hydrated.

ICS 204 - Assignment List	Division: Division A
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division A Supervisor	Garcia, Thomas			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division A	Jon Boat	Jon Boat	4 each	feet
Division A	UTV	UTV	1 each	
Division A	Pumps	6" Transfer Pump	2 each	
Division A	Sorbent: Boom	Sorbent: Boom	1100 feet	inch (es)
Division A	Spill Tech	Spill Tech	20 each	
Division A	Light Plants	Light Plants	3 each	

Assignments

From Outfall 201 to Orchard Avenue.

Contain spilled material and recover with vacuum truck. Remove debris with dip nets and saturated sorbent boom and place in pollution bags for disposal at the following sites:
- 201 Outfall (double barrel drum skimmer)
- Pine St.
- Orchard Ave.

Continue flushing shoreline utilizing high volume of water and low pressure.

Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Disposal Plan and coordinate with Disposal Group Supervisor as required.

Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Communications

Name / Function	Contact Details
Safety / Safety	Safety 1

Location of Work

Outfall 201 to Orchard Rd.

Special Equipment / Supplies Needed for Assignment

Dip nets for debris removal

Special Environmental Considerations

Develop and follow Product recovery Plan

Special Site-Specific Safety Considerations

Wear Level D PPE.

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways.

Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

Division A Map

ICS 204 - Assignment List	Division: Division B
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division B Supervisor	Williams, Jordan			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	Boom	Boom	1200 feet	in
Division B	Jon Boat	Jon Boat	2 each	feet
Division B	Response Boat	Response Boat	2 each	feet
Division B	UTV	UTV	1 each	
Division B	Construction Materials/Supply	Equipment mats	35 each	
Division B	Fork Lift	Fork Lift	1 each	
Division B	Sorbent: Boom	Sorbent: Boom	1400 feet	inch (es)
Division B	Wash Pump	2" Wash Pump	4 each	cubic feet/minute
Division B	Spill Tech	Spill Tech	19 each	
Division B	Light Plants	Light Plants	1 each	

Assignments

From Orchard Avenue to the wier dam in the canal

Maintain sorbent boom on the east side of Orchard Ave. and change out as needed and place in pollution bags for disposal.

Maintain containment boom lined with sorbent boom in canal north of pump station recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Continue flushing shoreline utilizing high volume of water and low pressure.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence.

Special Instructions

Proper PPE and PFDs while working within 3' of water.Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Communications

Name / Function	Contact Details
Safety / Safety	Safety 1

Location of Work

Orchard Rd to Weir Dam

Special Environmental Considerations

Collect firewater runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

Special Site-Specific Safety Considerations

Wear Level D PPE.

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways.

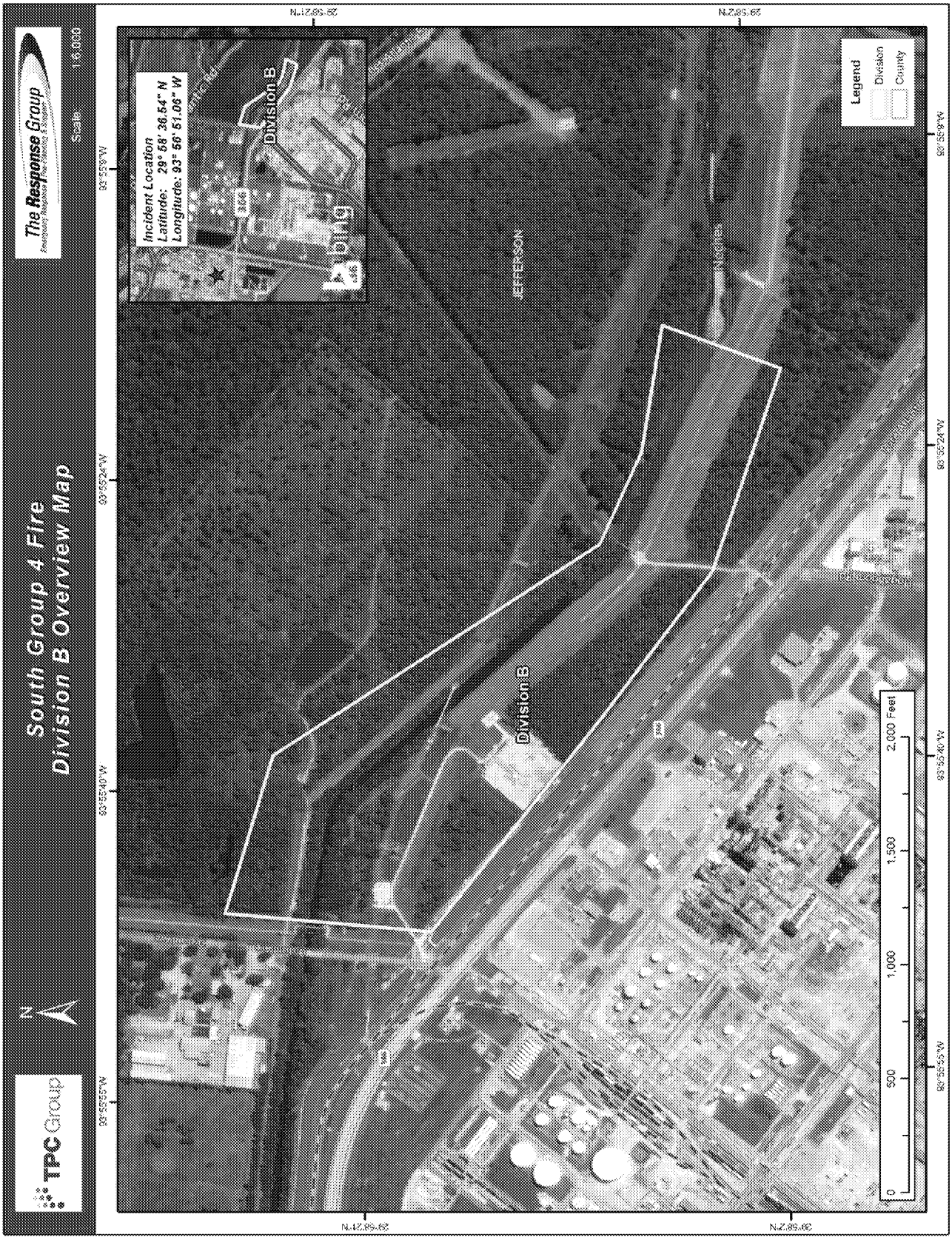
Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

Division B Map



ICS 204 - Assignment List	Division: Division C
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division C Supervisor	Blanchard, Leland	Clean Harbors Environmental Service Inc. (CHES)	(b) (6) [redacted]	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom	1600 feet	in
Division C	Sorbent: Boom	Sorbent: Boom	2400 feet	inch (es)
Division C	Wash Pump	2" Wash Pump	2 each	cubic feet/minute

Assignments

From the wier dam in the canal to Atlantic Rd.

Maintain boom and change out saturated sorbent boom at the wier dam

Maintain diversion boom lined with sorbent boom inlet to the LNVA pump station and along the shoreline to minmize impact to marsh areas.

Maintain boom across the canal west and east of the LNVA pump station inlet and recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Location of Work

Weir Dam to Atlantic Rd.

Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways.

Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

Division C Map

ICS 204 - Assignment List	Division: Division D
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division D Supervisor	Bowers, Daniel	Resolute Environmental	(b) (6) [redacted]	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division D	Boom	Boom	2000 feet	in
Division D	Jon Boat	Jon Boat	1 each	feet
Division D	Response Boat	Response Boat	1 each	feet
Division D	Construction Materials/Supply	Equipment mats	35 each	
Division D	Sorbent: Boom	Sorbent: Boom	2000 feet	inch (es)
Division D	Spill Tech	Spill Tech	7 each	

Assignments

From Atlantic Rd. to the confluence at the Neches River including the outfall west of the power line ROW.

Maintain containment boom lined with sorbent boom at the Atlantic Rd. bridge and OPERA boat ramp from south of the Associated Marine Services Inc. dock.

Maintain boom across the mouth of the canal at the Neches River and open and close to accomodate vessel traffic in and out of Star Lake Canal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Location of Work

Atlantic Rd to Neches River

Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways. Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Report safety incidents and concerns to your immediate supervisor.

Stay hydrated.

Division D Map

ICS 204 - Assignment List	Division: Division E
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division E Supervisor	Williams, Jordan			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division E	Boom	Boom	100 feet	in
Division E	Sorbent: Boom	Sorbent: Boom	150 feet	inch (es)

Assignments

Huntsman outfall canal from Star Lake Canal to Port Neches Atlantic Rd.

Maintain sorbent boom across the canal and containment boom on norteast side of Port Neches Atlantic Rd.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Location of Work

Huntsman Outfall Canal to Atlantic Ave

Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

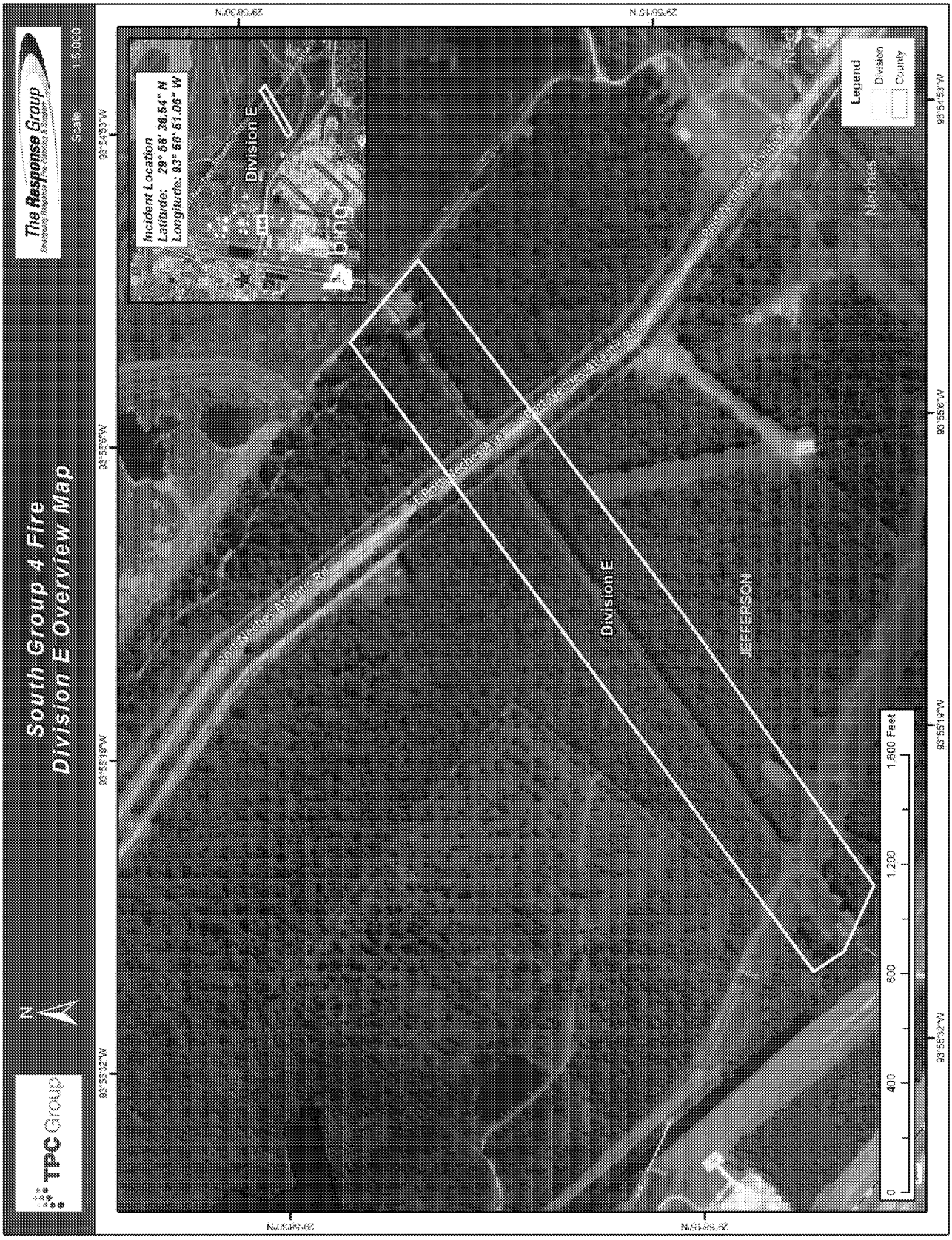
Steep embankments may exist around waterways. Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Report safety incidents and concerns to your immediate supervisor.

Stay hydrated.

Division E Map



ICS 204 - Assignment List	Group: Environmental Sampling Group
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6) [redacted]	
Env Sampling Group	CTEH			
Env Sampling Group	EPA/Weston			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Environmental Sampling Group	Manpower: Responder	TPC Sampling Specialist	6 each	
Environmental Sampling Group	Manpower: Responder	EPA Sampling Specialist	4 each	
Environmental Sampling Group	Manpower: Responder	TCEQ Sampling Specialist	3 each	

Assignments

TPC (CTEH)
Three- 2 person teams will be deployed to collect surface water samples at 5 designated locations daily in accordance with the UC-approved Environmental Sampling and Analysis Plan (ESAP). One-2 person strike team will be available to collect additional samples as directed outside of the previously established sample locations, following the sample collection and handling protocols established in the ESAP. CTEH collected samples will be collected and submitted to Earth Analytical Services (EAS) Lab and Pace Lab. Sample COCs will be documented as a SIERA. Personnel will transport and deliver samples to EAS and will return samples to the EOC where PACE lab will currier them to their Houston laboratory.

FOSC
2-1 person teams water sampling teams will sample 4 established locations in accordance with their SAP. Additional analysis will be performed for PFAS.

SOCS
TCEQ water sampling teams will continue sampling, as needed.

Fire water management:
Continue sending 8k gpm via pipe to Huntsman JWWTP. If needed pumping at Huntsman Star Lake lift station can be utilized to maintain flow.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Special Equipment / Supplies Needed for Assignment

Sampling Kits

Special Environmental Considerations

Follow approved sampling plan.

Special Site-Specific Safety Considerations

Wear Level D PPE.

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways.

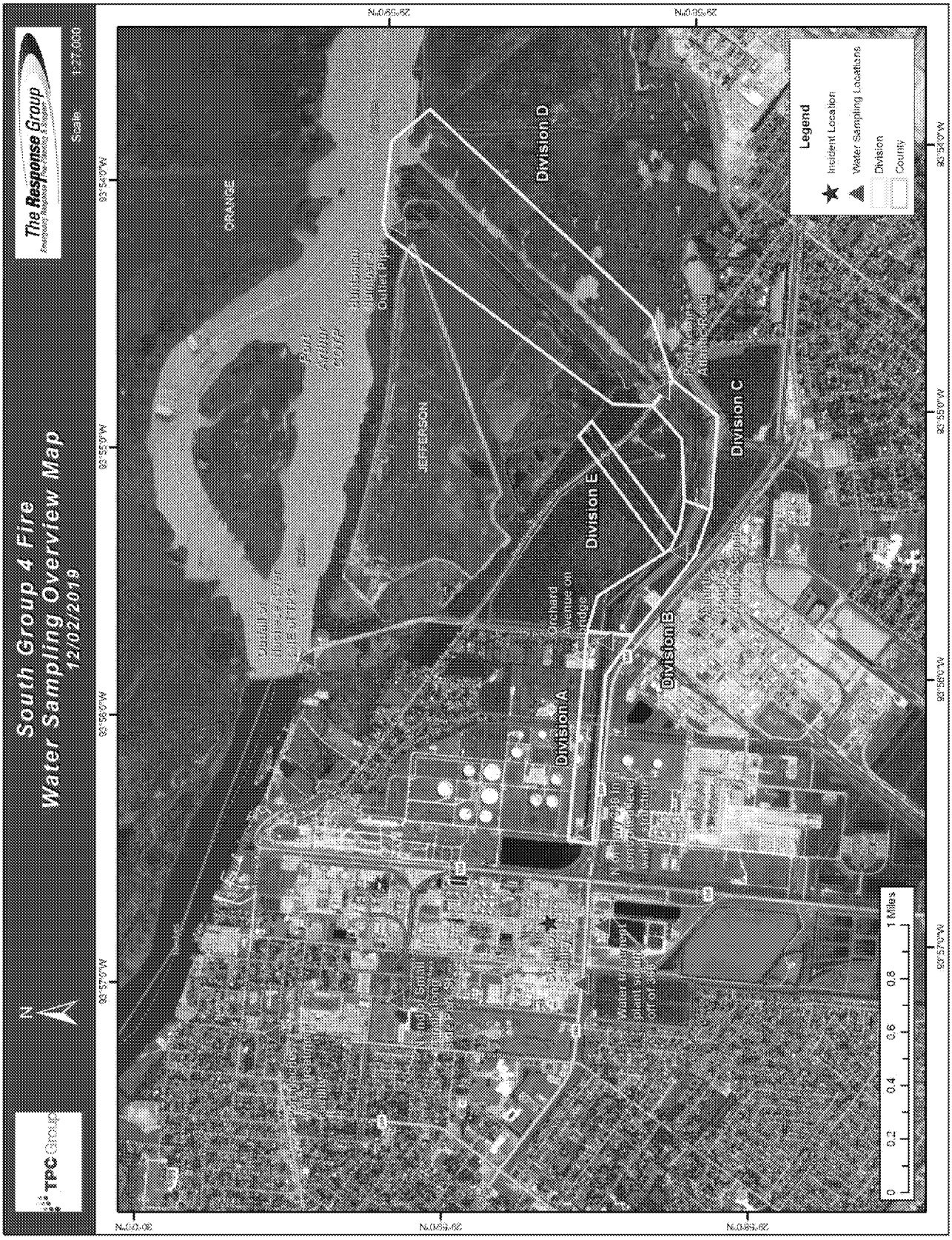
Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

20191202 Water Sampling Overview Map



Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Emergency Response Branch Director	McDonald, Scott	TPC Group	(b) (6) [redacted]	
Emergency Response Branch Director	Hollier, Kurt	TPC Group	(b) (6) [redacted]	
Fire Suppression Group Supervisor	Holley, Chad	TPC Group	(b) (6) [redacted]	
Fire Suppression Group Supervisor	Williams, James			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Fire Suppression Group	Fire Monitor	Fire Monitor	18 each	
Fire Suppression Group	Fire Fighters	Fire Fighters	18 each	
Fire Suppression Group	Fire Pumps	Fire Pumps	9 each	cubic feet/minute
Fire Suppression Group	Vehicle: Fire Engine	Ladder Truck (Tower)	1 each	
Fire Suppression Group	Decon Trailer	Decon Trailer	1 each	feet
Fire Suppression Group	Trailer	Person Rehab Trailer	1 each	feet
Fire Suppression Group	Fire Fighting Foam	Vapor Suppression Foam (Totes)	12 gallon(s)	each
Fire Suppression Group	Equipment: Safety	Temperature Sensor	10 each	

Assignments

Conduct response activities per the Facility Response Plan.

Consider wind speed, direction and heading to manage smoke.

Implement IR thermal imaging via UAS to determine source and extent of fire. Coordinate with personnel blocking valve(s) and controling source(s). Determine the condition to isolate the source(s).

Establish ingress. Maintain the established primary and secondary boundaries and rally point at the site.

Evaluate use of foam as a proactive tactic for vapor and/or fire suppression.

Utilize manned/unmanned fire monitors and other resources to apply water to extinguish fire and possbile use of foam for vapor suppression.
Upon extinguishment of fire, continue applying water to the site and adjacent areas to ensure cooling and prevent re-ignition.

Coordinate decontamination needs of the affected area, personnel and equipment.

Continue to utilize available portable fire pumps and fire apparatus to assist firefighting efforts.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Communications

Name / Function	***Contact Details***
Safety / Safety	Safety 1
Multi Agency Radio /	Multi Agency Radio 4

Special Environmental Considerations

Third party to assist with air monitoring, following Air Sampling Plan. Provide data to the agencies. See Air Monitoring

See Recovery and Protection Group

Provide notification to agencies prior to

Special Site-Specific Safety Considerations

Wear full bunker gear with SCBA. Stay upwind of the smoke plume. Maintain visual on the fire. Maintain safe distance from fires.

Maintain awareness to surrounding structures and line of fire for falling debris.

Monitor air quality while within the Exclusion Zone.

Immediately report safety incidents and concerns to the Incident Commander.

Stay hydrated.

Fire Suppression Group

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6) [redacted]	
SCAT Coordinator	Simmons, Robert	CTEH	(b) (6) [redacted]	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
SCAT Group	Manpower: Responder	SCAT Team Member	6 each	
SCAT Group	Vessel	SCAT Boat	1 each	feet

Assignments

2 Rapid Assessment Teams (RAT) consisting of a CTEH (RP rep) team lead and a FOSC Rep(s) (primarily in Division D) and SOSC Rep(s) [TGLO and TCEQ] will continue to assess and monitor effected and non-effected shoreline, and clean up activity (primarily in Division A) by foot and boat (as needed) from outfall 201 to the Neches River.

Each SCAT member must attend tailgate safety prior to beginning the work day.

Report oiled or distressed wildlife to 409-239-4725.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Special Environmental Considerations

Develop SCAT Plan. Conduct rapid assessment to evaluate effectiveness of the cleanup efforts and ensure they meet the final agreed upon criteria for clean up.

Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

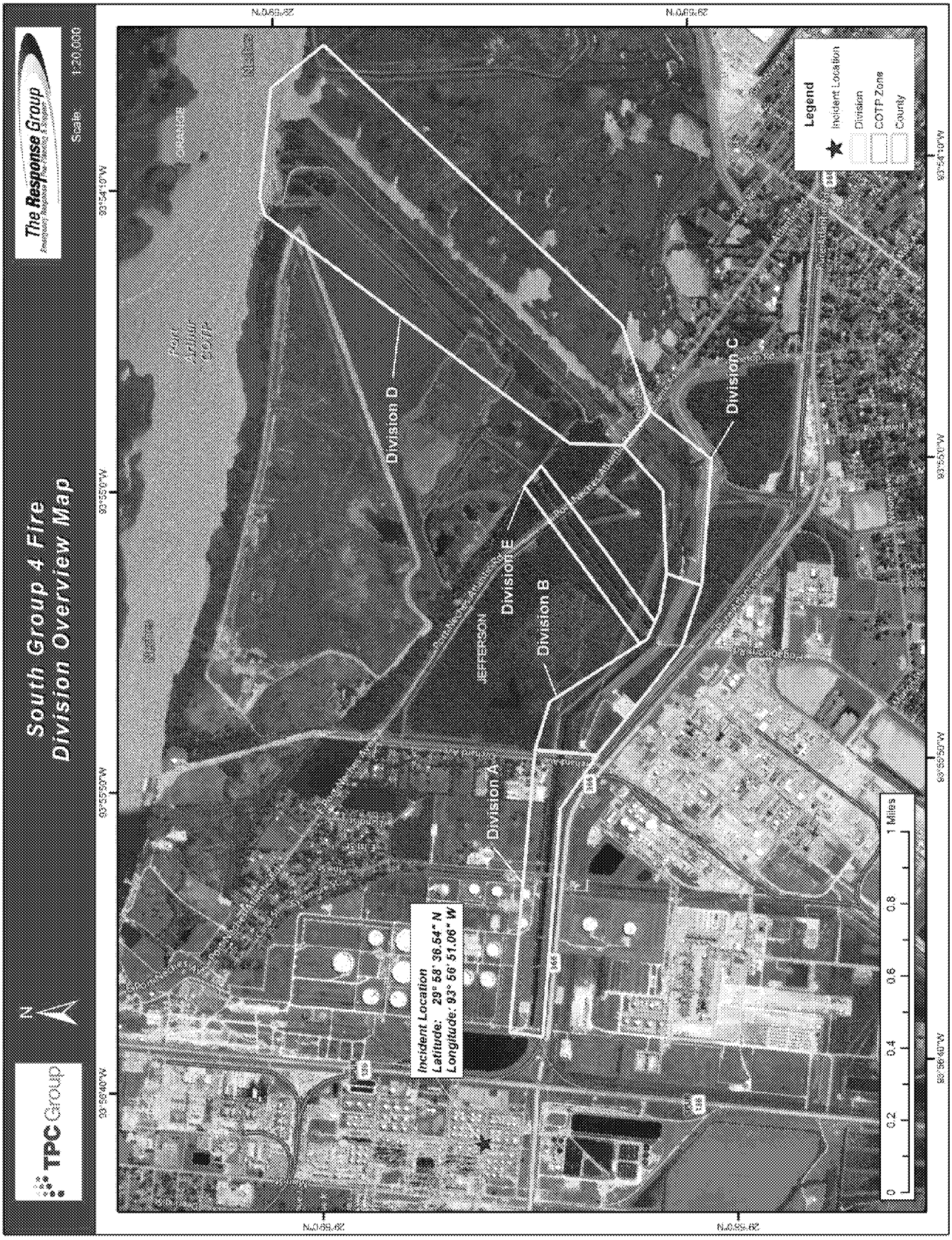
Steep embankments may exist around waterways. Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Report safety incidents and concerns to your immediate supervisor.

Stay hydrated.

Division Overview Map



Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Waste Management Group Supervisor	CTEH			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Waste Management Group	Frac Tank	Frac Tank	13 each	bbls
Waste Management Group	Roll Off	Roll Off	7 each	feet
Waste Management Group	Manpower: Responder	Waste Specialist	1 each	

Assignments

All waste collection activities will be conducted in accordance with a approved Waste Management Plan, which will be approved for this task and established Federal, State and Local regulations.

Personnel will utilize roll off boxes and frac tanks to contain recovered waste.

Clean Harbors will provide information tracking, e.g. bills of lading, for waste types and volumes by collected location.

Segregate waste by their respective waste streams as necessary:
-Oily liquids (free floating oil, oil emulsions, decon wash water)
-Oily Solids (sand, vegetation, absorbents, ppe, debris)
-Non-Oiled Solids (general trash)
-Recyclables

Special Instructions

Use PPE and PFD within 3' of water.Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Communications

Name / Function	Contact Details
Safety / Safety	Safety 1

Special Environmental Considerations

Develop Waste Plan.Follow plans for the collection of waste for proper disposal

Special Site-Specific Safety Considerations

Wear Level B PPE and SCBA while collecting hazardous material.

Be aware of wildlife while working around/near water and high grassy areas.

Ensure immediate, proper labeling of waste.

Monitor air quality while disposing of material. Wear full Tyvek suit and SCBA for ACM pickup.

Wear chemical gloves and clothing appropriate for task and hazards for non-hazardous waste.

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

20191202 Frac Tank Location Map

ICS 204 - Assignment List	Group: Wildlife Group
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6) [redacted]	
Operations Section Chief	Lynn, Gordon (Mike)			
Wildlife Group Supervisor	Riesinger, Joyce	Wildlife Response Services LLC	850-449-1044	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Wildlife Group	Wildlife Specialist	Wildlife Specialist	1 each	

Assignments

Establish Wildlife Hotline and communicate to all field personnel.
Establish guidelines for dealing with wildlife
Locate Rehab facility in one is needed and associated equipment.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways. Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Report safety incidents and concerns to your immediate supervisor.

Stay hydrated.

Medical Aid Stations

Name	Location	Paramedic On Site	Phone	Radio
Medical Resources - Gate 44	29.964087, -93.946737	x		

Transportation (Ground and/or Air Ambulance Services)

Ambulance Service	Location	Phone	Radio	Air	ALS
Acadian Ambulance - Port Arthur (409-980-7740)	Port Arthur, TX	Ph1: 409-980-7740	800 Meg System	x	x
Beaumont EMS	Beaumont, TX	Ph1: 409-880-3901	155.340		x
Southeast Texas Air Rescue					

Hospitals

Hospital	Location	Phone	Radio	Air Travel Time	Ground Travel Time	Trauma Center	Helipad	Burn Center
UTMB Galveston	301 University Blvd Galveston, TX 77755 29.312199, -94.77902					I	x	x
The Medical Center Of Southeast Texas	2555 Jimmy Johnson Blvd Port Arthur, TX 77640 29.934952, -93.985008	409-853-5900				IV	x	
Baptist Beaumont Hospital	3080 College Street Beaumont, TX 77701 30.068474, -94.120255	409-212-5012				III	x	
Christus Southeast Texas- St Elizabeth	2830 Calder Avenue Beaumont, TX 77702 30.085583, -94.131699	409-892-7171				II	x	

Special Medical Emergency Procedures

Acadian AirMed 21, dedicated to this incident, is stationed at Jack Brooks airport. Any patients needing helicopter transport will be transported by ground to that location. Acadian Dispatch must be contacted to verify whether aircraft can fly before patient is transported. 409-980-7740.

911 ops not impacted by incident, call 911 for medical response as normal

Contact Info:

EMS Group Supervisor: Eddie Burleigh 337-278-1268 Acadian Ambulance - Port Arthur (409-980-7740)

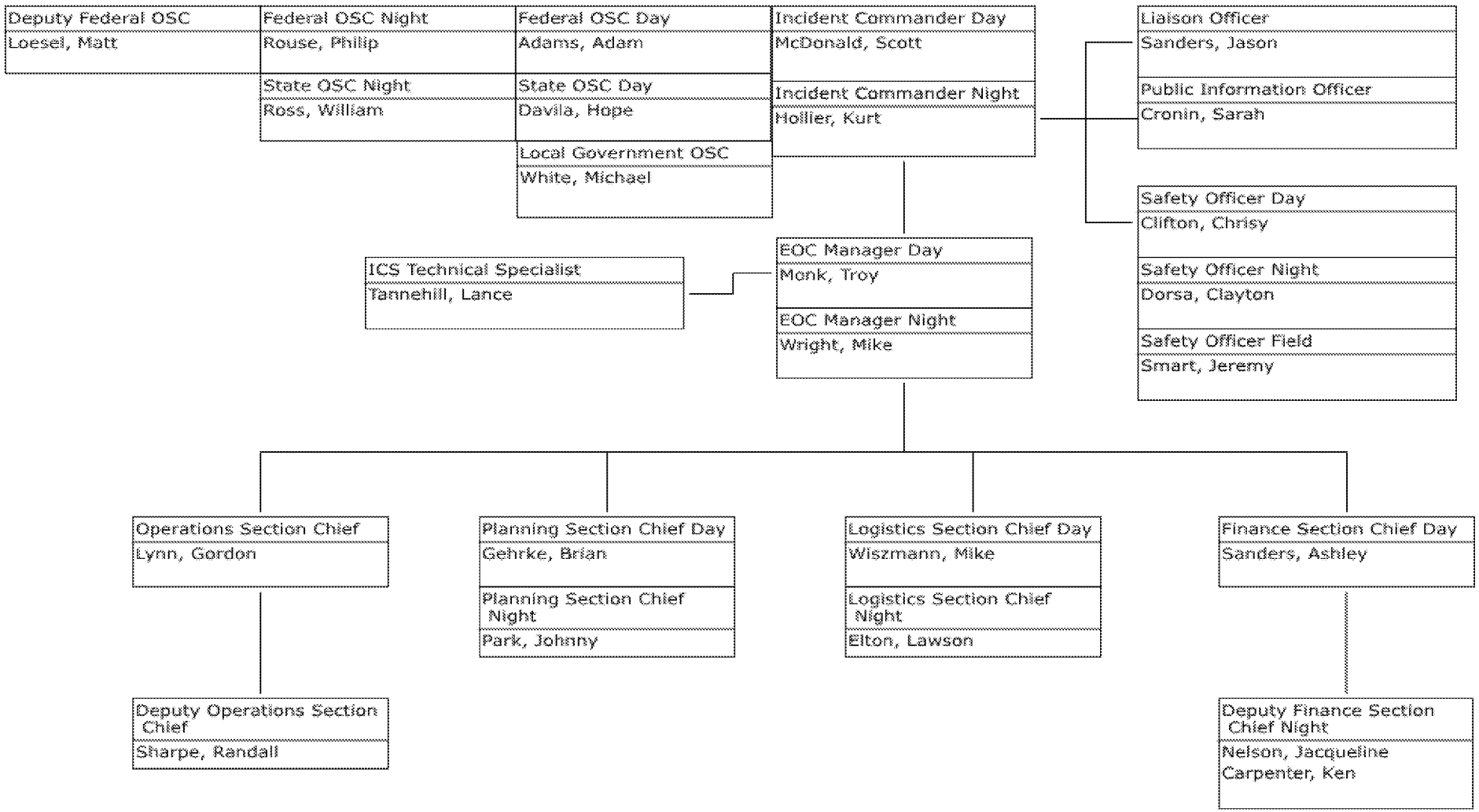
EMS Deputy Group Supervisor: Monica Birdsong 409-201-9403 Acadian Ambulance - Port Arthur (409-980-7740)

EMS Deputy Group Supervisor: Andrew Tucker (b) (6) [redacted] Acadian Ambulance - Port Arthur (409-980-7740)

EMERGENCY MEDICAL PROCEDURES

In the event of a medical emergency provide the following information to the Communications Unit.

1. Declare the nature of the emergency.
   - Medical injury/illness?
   - If injury/illness, is it Life Threatening?
2. If Life Threatening, then request that the designated frequency be cleared for emergency traffic.
3. Identify the on-scene Point of Contact (POC) by Resource and Last name.
4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates).
5. Identify on-scene medical personnel by position and name.
6. Identify preferred method of patient transport.
7. Request any additional resources and/or equipment needed.
8. Document all information received and transmitted on the radio or phone.
9. Identify any changes in the on-scene Point of Contact or medical personnel as they occur.


Deputy Federal OSC
Loesel, Matt
Federal OSC Night
Rouse, Philip
Federal OSC Day
Adams, Adam
State OSC Night
Ross, William
State OSC Day
Davila, Hope
Local Government OSC
White, Michael
Incident Commander Day
McDonald, Scott
Incident Commander Night
Hollier, Kurt
Liaison Officer
Sanders, Jason
Public Information Officer
Cronin, Sarah
Safety Officer Day
Clifton, Chrisy
Safety Officer Night
Dorsa, Clayton
Safety Officer Field
Smart, Jeremy
ICS Technical Specialist
Tannehill, Lance
EOC Manager Day
Monk, Troy
EOC Manager Night
Wright, Mike
Operations Section Chief
Lynn, Gordon
Planning Section Chief Day
Gehrke, Brian
Planning Section Chief Night
Park, Johnny
Logistics Section Chief Day
Wiszmann, Mike
Logistics Section Chief Night
Elton, Lawson
Finance Section Chief Day
Sanders, Ashley
Deputy Operations Section Chief
Sharpe, Randall
Deputy Finance Section Chief Night
Nelson, Jacqueline
Carpenter, Ken

Air Ops Group Supervisor
Cameron, Chris
Adrian, Thomas
Lindsey, David
Allen, Bryce

Operations Section Chief
Lynn, Gordon (Mike)
Carlton, Doug

Deputy Operations Section Chief
Sharpe, Randall

Recovery & Protection Branch Director
Blanchard, Cory (Clean Harbors)

- **Division A Supervisor**: Garcia, Thomas
- **Division B Supervisor**: Williams, Jordan
- **Division C Supervisor**: Blanchard, Leland
- **Division D Supervisor**: Bowers, Daniel
- **Division E Supervisor**: Williams, Jordan
- **Waste Management Group Supervisor**: CTEH

Emergency Response Branch Director
McDonald, Scott
Hollier, Kurt

- **Fire Suppression Group Supervisor**: Holley, Chad; Williams, James

Wildlife Group Supervisor
Riesinger, Joyce

Staging Branch Director
Gehrke, Brian

- **Huntsman Gate 44 - Staging Area Manager**: Carlisle, Bryan
- **TPC Docks Staging Area Manager**: Smart, Jeremy
- **OPERA Staging Area**: Hellickson, Jacob
- **Main Gate Staging Area**: TBD

Support Services Branch Director
Sanders, Jason

- **Environmental Specialist**: Miller, Mike
- **Env Sampling Group**: CTEH; EPA/Weston
- **SCAT Coordinator**: Simmons, Robert
- **Air Monitoring Group**: CTEH; TCEQ/NRC; EPA/Weston
- **Asbestos & Debris Recovery Group**: CTEH; Clean Harbors (Cotton)

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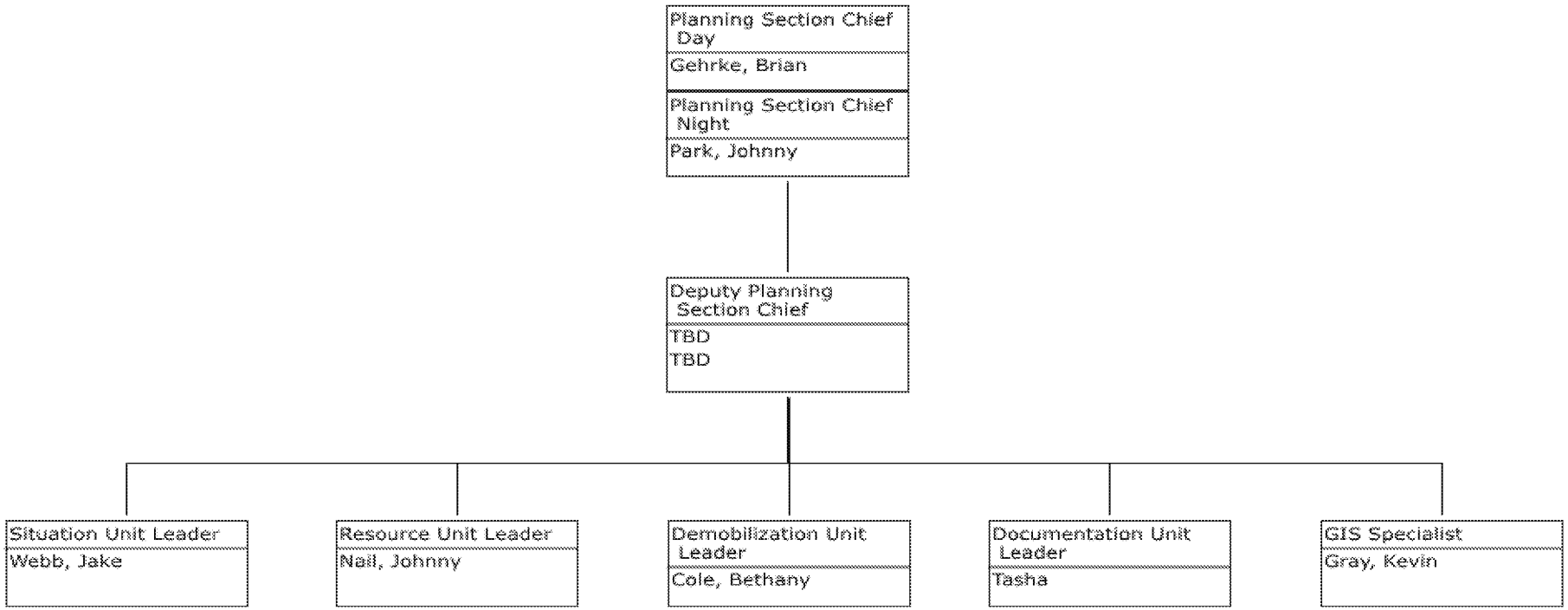
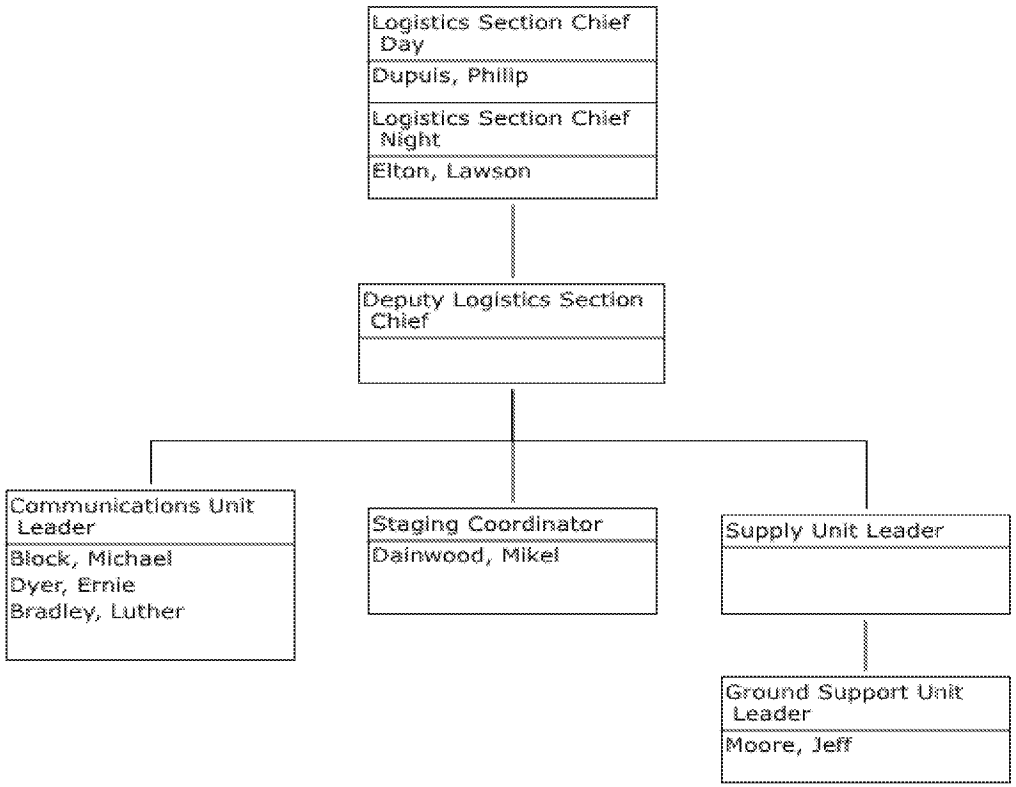
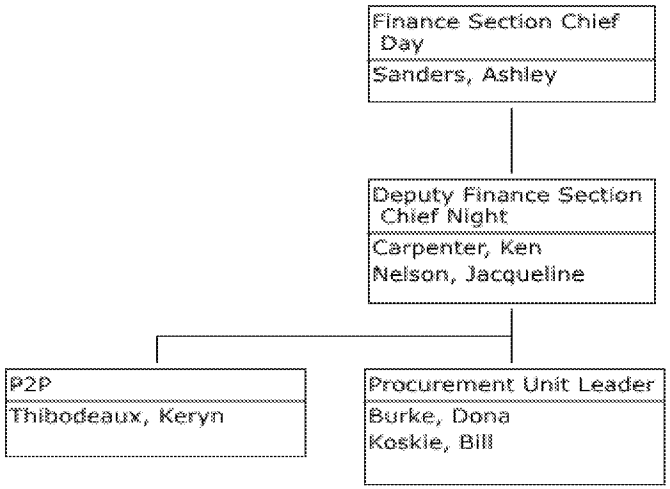
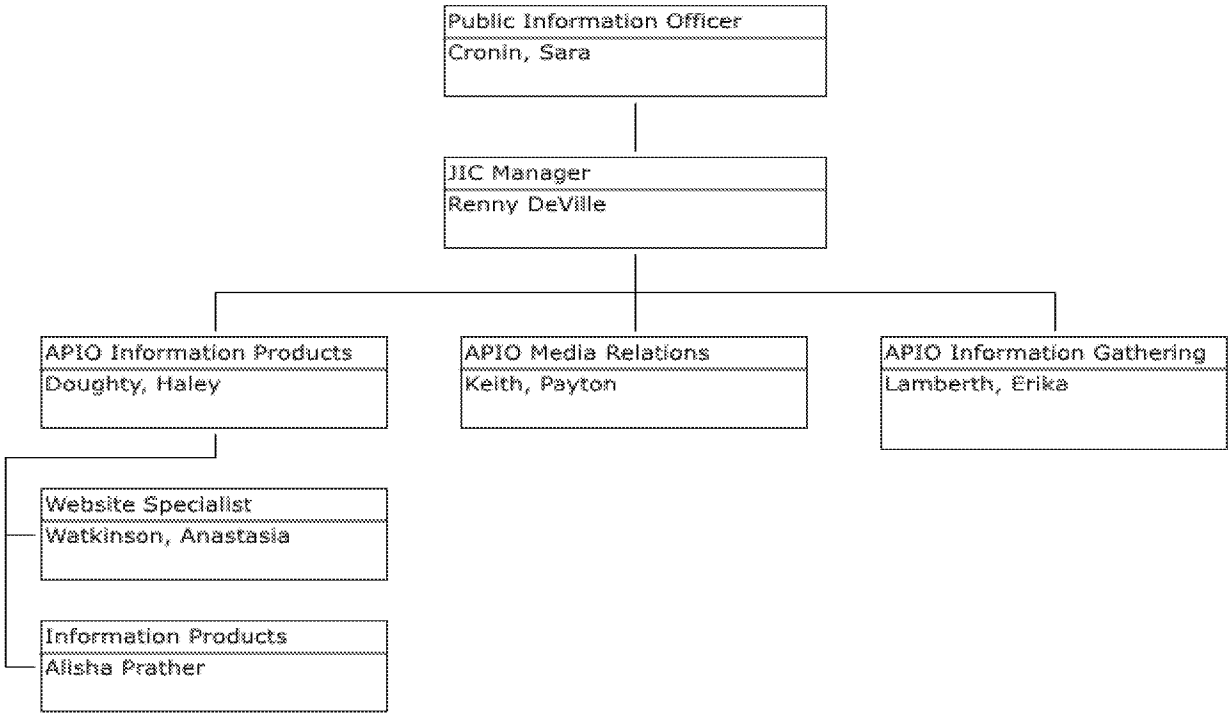

Planning Section Chief Day
Gehrke, Brian
Planning Section Chief Night
Park, Johnny
Deputy Planning Section Chief
TBD
TBD
Situation Unit Leader
Webb, Jake
Resource Unit Leader
Nail, Johnny
Demobilization Unit Leader
Cole, Bethany
Documentation Unit Leader
Tasha
GIS Specialist
Gray, Kevin


Logistics Section Chief Day
Dupuis, Philip
Logistics Section Chief Night
Elton, Lawson
Deputy Logistics Section Chief
Communications Unit Leader
Block, Michael
Dyer, Ernie
Bradley, Luther
Staging Coordinator
Dainwood, Mikel
Supply Unit Leader
Ground Support Unit Leader
Moore, Jeff


Finance Section Chief Day
Sanders, Ashley
Deputy Finance Section Chief Night
Carpenter, Ken
Nelson, Jacqueline
P2P
Thibodeaux, Keryn
Procurement Unit Leader
Burke, Dona
Koskie, Bill


Public Information Officer
Cronin, Sara
JIC Manager
Renny DeVille
APIO Information Products
Doughty, Haley
APIO Media Relations
Keith, Payton
APIO Information Gathering
Lamberth, Erika
Website Specialist
Watkinson, Anastasia
Information Products
Alisha Prather

ICS 208 - Site Safety Plan	Version Name: 11/28/19-Site Safety Plan
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]
Applies to Site: Onsite	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	72 Fahrenheit
Speed		**Wind Speed**	15 mph
Direction		**Direction**	NNE

Site Hazards

Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards
☐	x	Boat Safety	x	☐	Heat Stress	x	☐	Steam and Hot Water
x	☐	Chemical Hazards	☐	x	Helicopter Operations	☐	x	Trenching/Excavation
☐	x	Cold Stress	x	☐	Lifting	☐	x	UV Radiation
☐	x	Confined Spaces	x	☐	Motor Vehicles	x	☐	Visibility
☐	x	Drum Handling	x	☐	Noise	x	☐	Weather
x	☐	Equipment Operations	x	☐	Overhead/Buried Utilities	x	☐	Work Near Water
☐	x	Electrical Operations	x	☐	Plants/Wildlife	x	☐	Nuclear Sources
x	☐	Fatigue	x	☐	Pump Hose			
x	☐	Fire, Explosion, In-situ Burning	x	☐	Slips, Trips, and Falls			

Air Monitoring Limits

Oxygen Level		1,3-Butadiene	0.5ppm 5 min	Nitrogen Dioxide	0.2ppm 5 min
LEL	1% 1 min	Butane	500ppm 5 min	Particulate Matter	351ug/m3 5 min
Hydrogen Sulfide		Carbon Dioxide	5000ppm 5 min	Total VOCs	0.5ppm 5 min
Benzene	0.5ppm 5 min	Carbon Monoxide	25ppm 5 min		
Total Hydrocarbons		LEL (action)	5% 1 min		

Engineering Controls

☐	Source of release secured	☐	Valve(s) closed	☐	Energy sources locked/tagged out
x	Site secured	x	Facility shut down		

Personal Protective Equipment Required

☐	Impervious suit	x	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	Bunker Gear
x	Outer gloves	x	Eye protection	x	SCBA - Fresh Air
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

x	Decontamination	x	Illumination	☐	Additional stations established
x	Sanitation	☐	Medical surveillance	x	Facilities provided

Work Plan

x	Booming	☐	Excavation	☐	Hot work
x	Skimming	x	Heavy equipment	☐	Appropriate permits used
x	Vac trucks	☐	Sorbent pads		
x	Pumping	☐	Patching		

Training

[x]	Verified site workers trained per local/federal regulatory requirements	**Training Requirements**	Annual Emergency Response Training

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	McDonald, Scott	(b) (6) [redacted]	Operations Section Chief	Lynn, Gordon	(b) (6) [redacted]
Safety Officer	Clifton, Chrisy	(b) (6) [redacted]			

Emergency Plan

[ ]	Fire Prevention Plan	[x]	Evacuation Plan		
[ ]	Alarm System	[x]	First Aid Location		

Notifications

	Facility		*Phone*		*Facility*		*Phone*
[x]	**Hospital**	Medical Center of SETX	409-853-5900	[x]	**Fire**	Port Neches Fire Department	409-853-5900
[x]	**Ambulance**	Acadian EMS	409-980-7740	[ ]	**Law Enforcement**		
[x]	**Air Ambulance**	Acadian AirMed	409-980-7740	[ ]	**Emergency Response/Rescue**		

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
TPC_Boom Placement Imagery.PNG.png	TPC_Boom Placement Imagery.pdf

ICS 208 - Site Safety Plan	Version Name: 11/29/2019- Staging 15
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]
Applies to Site: Staging 15	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	72 Fahrenheit
Speed		**Wind Speed**	15 mph
Direction		**Direction**	NNE

Site Hazards

Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards
☐	x	Boat Safety	☐	x	Fire, Explosion, In-situ Burning	☐	x	Pump Hose
x	☐	Chemical Hazards	x	☐	Heat Stress	x	☐	Slips, Trips, and Falls
☐	x	Cold Stress	☐	x	Helicopter Operations	☐	x	Steam and Hot Water
☐	x	Confined Spaces	☐	x	Lifting	☐	x	Trenching/Excavation
☐	x	Drum Handling	x	☐	Motor Vehicles	☐	x	UV Radiation
x	☐	Equipment Operations	x	☐	Noise	x	☐	Visibility
☐	x	Electrical Operations	☐	x	Overhead/Buried Utilities	x	☐	Weather
x	☐	Fatigue	x	☐	Plants/Wildlife	☐	x	Work Near Water

Air Monitoring Limits

Oxygen Level		1,3-Butadiene	0.5ppm 5 min	Nitrogen Dioxide	0.2ppm 5 min
LEL	1% 1 min	Butane	500ppm 5min	Particulate Matter	351ug/m3 5 min
Hydrogen Sulfide		Carbon Dioxide	5000ppm 5 min	Total VOC	5ppm 5min
Benzene		Carbon Monoxide	25ppm 5min		
Total Hydrocarbons		LEL ACTION	5% 1 min		

Engineering Controls

☐	Source of release secured	☐	Valve(s) closed	☐	Energy sources locked/tagged out
x	Site secured	x	Facility shut down		

Personal Protective Equipment Required

☐	Impervious suit	x	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	SCBA
x	Outer gloves	x	Eye protection		
x	Flame resistant clothing	x	Personal flotation		

Additional Control Measures Established

x	Decontamination	x	Illumination	☐	Additional stations established
x	Sanitation	☐	Medical surveillance	x	Facilities provided

Work Plan

☐	Booming	☐	Excavation	☐	Hot work
☐	Skimming	x	Heavy equipment	☐	Appropriate permits used
☐	Vac trucks	☐	Sorbent pads		
☐	Pumping	☐	Patching		

Training

[x]	Verified site workers trained per local/federal regulatory requirements	**Training Requirements**	Annual Emergency Response Training

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	McDonald, Scott		Incident Commander	Hollier, Kurt	(b) (6) [redacted]
Safety Officer	Clifton, Chrisy	(b) (6) [redacted]	Safety Officer	Dorsa, Clayton	(b) (6) [redacted]
Operations Section Chief	Lynn, Gordon	(b) (6) [redacted]	Operations Section Chief	Park, Johnny	(b) (6) [redacted]

Emergency Plan

[ ]	Fire Prevention Plan	[x]	Evacuation Plan		
[ ]	Alarm System	[x]	First Aid Location		

Notifications

	Facility		*Phone*		*Facility*		*Phone*
[x]	**Hospital**	Medical Center of SETX	409-853-5900	[x]	**Fire**	Port Neches Fire Department	409-853-5900
[x]	**Ambulance**	Acadian Ambulance	800-259-1111	[ ]	**Law Enforcement**		
[x]	**Air Ambulance**	Southeast Texas Air Rescue		[ ]	**Emergency Response/Rescue**		

Initial Briefing

[ ]	Initial safety briefing prepared for each site

ICS 208 - Site Safety Plan	Version Name: 11/29/2019 - Electrical Plan
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]
Applies to Site: Electrical Plan	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	70 Fahrenheit
Speed		**Wind Speed**	13 mph
Direction		**Direction**	SE

Site Hazards

Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards
☐	x	Boat Safety	☐	x	Fire, Explosion, In-situ Burning	☐	x	Pump Hose
x	☐	Chemical Hazards	x	☐	Heat Stress	x	☐	Slips, Trips, and Falls
☐	x	Cold Stress	☐	x	Helicopter Operations	☐	x	Steam and Hot Water
☐	x	Confined Spaces	☐	x	Lifting	☐	x	Trenching/Excavation
☐	x	Drum Handling	x	☐	Motor Vehicles	☐	x	UV Radiation
☐	x	Equipment Operations	x	☐	Noise	☐	x	Visibility
☐	x	Electrical Operations	x	☐	Overhead/Buried Utilities	x	☐	Weather
x	☐	Fatigue	x	☐	Plants/Wildlife	☐	x	Work Near Water

Air Monitoring Limits

Oxygen Level		Hydrogen Sulfide		Total Hydrocarbons	
LEL		Benzene			

Engineering Controls

☐	Source of release secured	☐	Valve(s) closed	☐	Energy sources locked/tagged out
x	Site secured	x	Facility shut down		

Personal Protective Equipment Required

☐	Impervious suit	x	Flame resistant clothing	x	Eye protection
☐	Inner gloves	x	Hard hats	☐	Personal flotation
x	Outer gloves	☐	Respirators	x	Boots

Additional Control Measures Established

☐	Decontamination	☐	Illumination	☐	Additional stations established
☐	Sanitation	☐	Medical surveillance	☐	Facilities provided

Work Plan

☐	Booming	☐	Excavation	☐	Hot work
☐	Skimming	☐	Heavy equipment	☐	Appropriate permits used
☐	Vac trucks	☐	Sorbent pads		
☐	Pumping	☐	Patching		

Training

☐	Verified site workers trained per local/federal regulatory requirements	**Training Requirements**	

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	(b) (6) [redacted]	Safety Officer	Dorsa, Clayton	(b) (6) [redacted]
Incident Commander	McDonald, Scott		Operations Section Chief	Lynn, Gordon	(b) (6) [redacted]

ICS 208 - Site Safety Plan			Version Name: 11/29/2019 - Electrical Plan		
Incident Name: South 4 Group Fire			Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]		
Safety Officer	Clifton, Chrisy	(b) (6) [redacted]	Operations Section Chief	Carlton, Doug	(b) (6) [redacted]

Emergency Plan

☐	Fire Prevention Plan	☒	Evacuation Plan		
☐	Alarm System	☒	First Aid Location		

Notifications

	Facility		*Phone*		*Facility*		*Phone*
☒	**Hospital**	Medical Center of Southeast Texas	409-853-5900	☒	**Fire**	Port Neches Fire Department	409-853-5900
☒	**Ambulance**	Acadian EMS	409-980-7740	☐	**Law Enforcement**		
☒	**Air Ambulance**	Acadian AirMed	409-980-7740	☐	**Emergency Response/Rescue**		

Initial Briefing

☐	Initial safety briefing prepared for each site

ICS 208 - Site Safety Plan	Version Name: 11/29/2019 - Site Water Plan
Incident Name: South 4 Group Fire	Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]
Applies to Site: Water Sources	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	72 Fahrenheit
Speed		**Wind Speed**	15 mph
Direction		**Direction**	NNE

Site Hazards

Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards
x		Boat Safety		x	Fire, Explosion, In-situ Burning		x	Pump Hose
x		Chemical Hazards	x		Heat Stress	x		Slips, Trips, and Falls
	x	Cold Stress		x	Helicopter Operations		x	Steam and Hot Water
	x	Confined Spaces		x	Lifting		x	Trenching/Excavation
x		Drum Handling	x		Motor Vehicles		x	UV Radiation
x		Equipment Operations	x		Noise	x		Visibility
	x	Electrical Operations		x	Overhead/Buried Utilities	x		Weather
x		Fatigue	x		Plants/Wildlife	x		Work Near Water

Air Monitoring Limits

Oxygen Level		1,3-Butadiene	0.5ppm 5 min	Nitrogen Dioxide	0.2ppm 5 min
LEL	1% 1 min	Butane	500ppm 5min	Particulate Matter	351ug/m3 5 min
Hydrogen Sulfide		Carbon Dioxide	5000ppm 5 min	Total VOC	5ppm 5min
Benzene	0.5ppm 5min	Carbon Monoxide	25ppm 5min		
Total Hydrocarbons		LEL ACTION	5% 1 min		

Engineering Controls

	Source of release secured		Valve(s) closed		Energy sources locked/tagged out
x	Site secured	x	Facility shut down		

Personal Protective Equipment Required

	Impervious suit	x	Hard hats	x	Boots
	Inner gloves		Respirators	x	Escape pack
x	Outer gloves	x	Eye protection		
x	Flame resistant clothing	x	Personal flotation		

Additional Control Measures Established

x	Decontamination	x	Illumination		Additional stations established
x	Sanitation		Medical surveillance	x	Facilities provided

Work Plan

x	Booming		Excavation		Hot work
x	Skimming	x	Heavy equipment		Appropriate permits used
x	Vac trucks	x	Sorbent pads		
	Pumping		Patching		

Training

[x]	Verified site workers trained per local/federal regulatory requirements	**Training Requirements**	Annual Emergency Response Training

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	(b) (6) [redacted]	Incident Commander	McDonald, Scott	(b) (6) [redacted]
Safety Officer	Dorsa, Clayton	(b) (6) [redacted]	Safety Officer	Clifton, Chrisy	(b) (6) [redacted]
Operations Section Chief	Park, Johnny	(b) (6) [redacted]	Operations Section Chief	Lynn, Gordon	(b) (6) [redacted]

Emergency Plan

[x]	Fire Prevention Plan	[x]	Evacuation Plan		
[ ]	Alarm System	[x]	First Aid Location		

Notifications

	Facility		*Phone*		*Facility*		*Phone*
[x]	**Hospital**	Medical Center of SETX	409-853-5900	[x]	**Fire**	Port Neches Fire Department	409-853-5900
[x]	**Ambulance**	Acadian Ambulance	800-259-1111	[ ]	**Law Enforcement**		
[x]	**Air Ambulance**	Southeast Texas Air Rescue		[ ]	**Emergency Response/Rescue**		

Initial Briefing

[ ]	Initial safety briefing prepared for each site

ICS 220 - Air Operations Summary

Version Name: 20191203

Incident Name: South 4 Group Fire

Period: Period 5 [12/03/2019 06:00 - 12/04/2019 06:00]

Sunrise	Sunset
12/02/2019 06:54	12/02/2019 17:16

Ready Alert Aircraft

Medivac

New Incident

Remarks (safety notes, hazards, air operations special equipment, etc)

Operations to assist response personnel utilizing thermal and visual imagery at the incident site to determine tactics and assist in response planning.

Heed all directions from emergency responders. Consider selection of take off and landing sites due to number of power lines IVO incident location. Keep continuous observation on smoke plume and egress/redeploy as conditions warrant.

Temporary Flight Restriction Number

Altitude	400
Center Point	29.976815, -93.947531

Frequencies

Frequency / Function	AM	FM

Personnel

Position	Name	Phone
Visual Observer	Adrian, Thomas	
Air Ops Group Supervisor	Allen, Bryce	(b) (6) [redacted]
Air Ops Group Supervisor (Data Collection)	Cameron, Chris	832-493-2437
Air Ops Branch Director	Lindsey, David	(b) (6) [redacted]

Fixed-Wing Aircraft

FAA N#	Category	Make/Model	Base	Available	Start	Remarks
ASPECT			BPT	12/01/2019 08:00		EPA Aircraft

Helicopters

FAA N#	Category	Make/Model	Base	Available	Start	Remarks
FA3WNXXPCY	sUAV	Phantom 4 Pro V2	Incident Command Post	11/28/2019 06:00	12/03/2019 07:00	PIC - D. Lindsey
FA3HCFMKEH	sUAV	Matrice 210v2 RTK	Incident Command Post	11/29/2019 06:00	12/03/2019 06:00	
FA34CL9AA3	sUAV	Matrice M600	Incident Command Post	11/29/2019 06:00	12/03/2019 06:00	

Task / Mission / Assignment

Function	Name of Personnel or Cargo or Instructions for Tactical Aircraft	Mission Start	Fly To	Fly From
Aerial Observation	Aerial Observation and imagery capture of incident location.	12/03/2019 07:00	Incident Location	Recommended Safe Distance

Aerial Observation	Aerial Observation and imagery capture of waterway Divisions A-E.	12/03/2019 14:00	Division E	Division A