IAP Cover Sheet	Version Name: Period 3
Incident Name: South 4 Group Fire	Period: Period 3 [12/01/2019 06:00 - 12/02/2019 06:00]

Approved By

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

Incident Action Plan

Notes

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

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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
  - Temperature inversion forecasted, pushing air down
- Night Operations
  - Continue with fire suppression and maintain exclusion zone
- Location of the Incident
  - Established
- Availability/shortfall of Resources
  - Possible support resources and services may be limited due to holiday
- Transportation/Logistics
  - Logistics Section Chief
- Support Infrastructure
  - Jefferson County
- Permits (Authorization to apply Alternate Response Techniques)
  - No need.
- Wildlife activities (fish, birds, etc.)
  - No reports currently.
- Access to Shoreline (Private vs Public Lands)
  - Contact Rhonda Murgatroyd at conclusion of Objectives Meeting
- Spilled Material Characteristics (monitoring/PPE requirements)
- Public Health
- Community/Media Perception
  - JIC and Media Staging being established.
  - Inquiry management plan.
- Changes in Evacuation or SIP orders asordered by Jefferson County Judge
- Evidence Preservation
  - Pending
- Delegation of Authority Limitations
- Work/rest Rotation Requirements
  - Acadian Ambulance
- Disposal of Waste
  - Pending
- Jurisdictional Issues
  - Unified Command established.

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 coordinated by CG

Procedures

- Resource Requests / Ordering Process (ICS 213 RR) - Beginning 0600 November 28th
- 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 - Pending
- 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)

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Fire Suppression Supervisor	Holley, Chad	TPC Group	832-410-9822	
Fire Suppression Group Supervisor	Williams, James	TPC Group		

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Fire Suppression Group	Fire Monitor	Fire Monitor	6 each	
Fire Suppression Group	Fire Fighters	Fire Fighters	25 each	
Fire Suppression Group	Fire Pumps	Fire Pumps	4 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	6 gallon(s)	

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.

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 up wind of the smoke plume. Maintain visual on the fire.

Maintain safe distance from fires.

Monitor air quality while within the exclusion zone.

Monitor weather conditions and seek shelter in the event of bad weather.

Report safety incidents or concerns to the incident commander.

20191130 Fire Suppression Group Map

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Supervisor	Gilliam, Chance	CTEH	5014125769	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Air Monitoring Group	Equipment: Safety	Benzen Tubes	10 each	
Air Monitoring Group	Pickup Truck	Pickup Truck	10 each	
Air Monitoring Group	Air Monitor - MultiRAE	Air Monitor - MultiRAE	25 each	
Air Monitoring Group	Air Monitor - UltraRAE	Air Monitor - UltraRAE	15 each	
Air Monitoring Group	Air Monitoring Technician	Air Monitoring Technician	14 each	
Air Monitoring Group	Equipment: Safety	Butadiene Tubes	10 each	
Air Monitoring Group	Air Monitor - AreaRAE	Air Monitor - DRAGER X-PID	14 each	
Air Monitoring Group	Air Monitor - AreaRAE	AM510	8 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.

Water sampling will continue with the locations established on 11/28. Ambient air sampling technicians will accompany any boat crews as sampling is performed.

3 teams of 2 tech will be roving in areas of most concern based on wind conditions.

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 will be 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.

CTEH - Air Monitoring:

Utilize 15-20 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.

Special Instructions

Use proper PPE. Report any changes to operation section.

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

Special Environmental Considerations

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

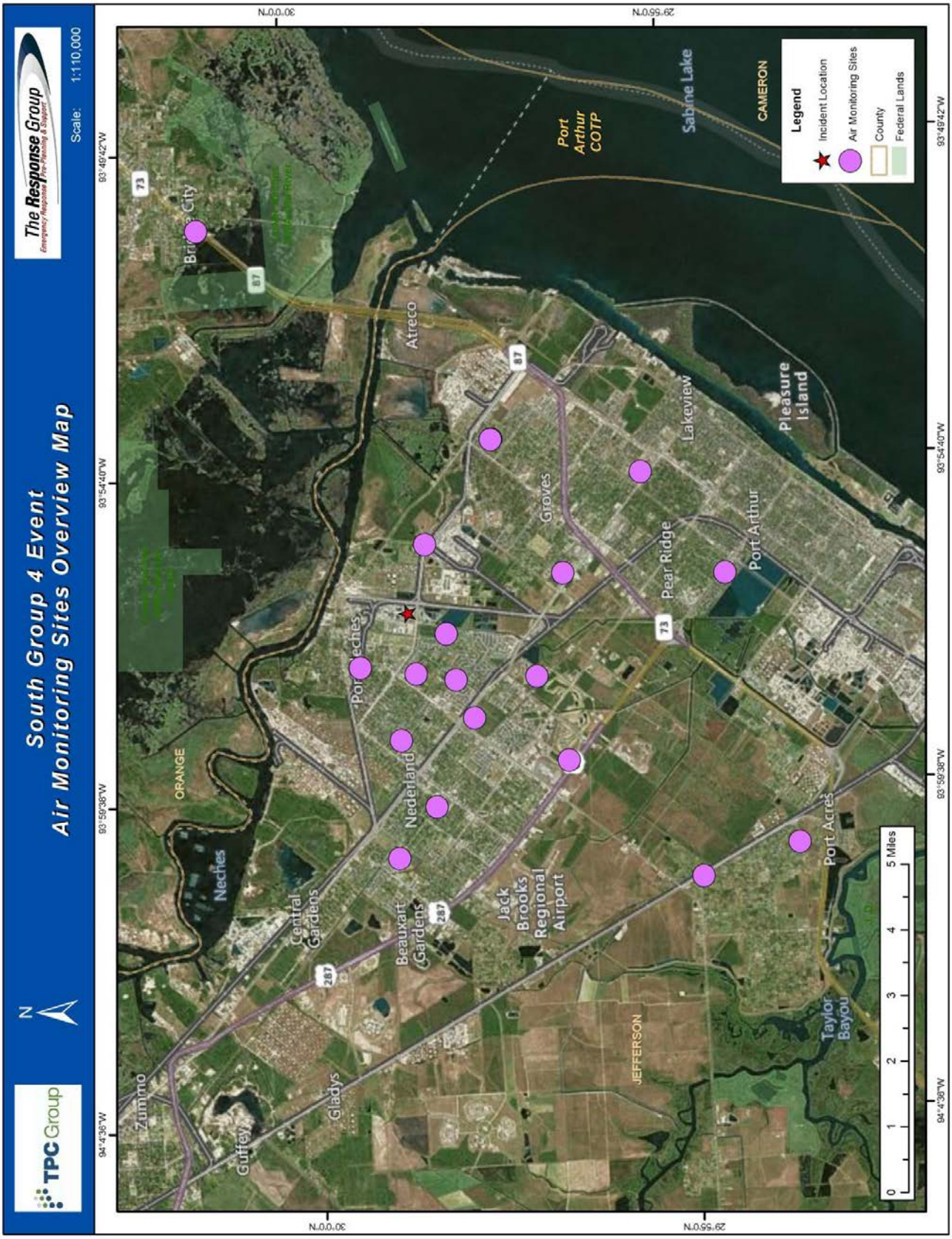
Special Site-Specific Safety Considerations

Wear SCBA while in the Hot Zone. Stay out of smoke plume. Immediately leave area with elevated readings above the air monitoring action limit.

If lightning is present, seek shelter in vehicles.

Report safety incidents or concerns to the incident commander.

20191129 Air Monitoring Overview Map



Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)			
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	Wash Pump	2" Wash Pump	3 each	cubic feet/minute
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.

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.

Communications

Name / Function	Contact Details
Safety / Safety	Safety 1

Location of Work

Outfall 201 to Orchard Rd.

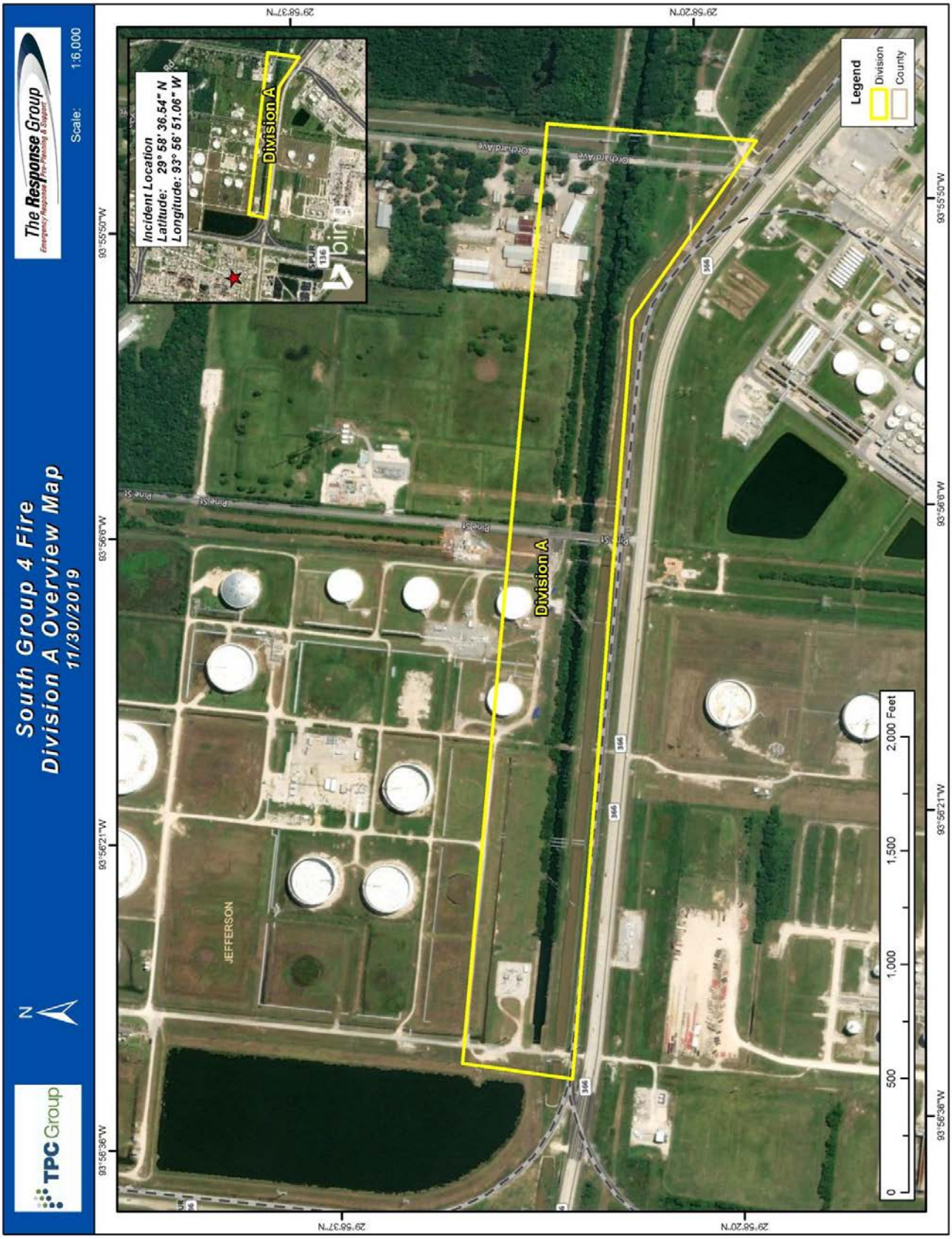
Special Equipment / Supplies Needed for Assignment

Dip nets for debris removal

Special Environmental Considerations
Develop and follow Product recovery Plan

Special Site-Specific Safety Considerations
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 weather conditions and seek shelter in the event of bad weather. Monitor air quality. Immediately leave area with readings elevated above the action limit. Report safety incidents and concerns to your immediate supervisor.

Division A Overview Map



Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)	Clean Harbors Environmental Service Inc. (CHES)		
Division B Supervisor	Williams, Jordan			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	Boom	Boom	900 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	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	12 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.

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.

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

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

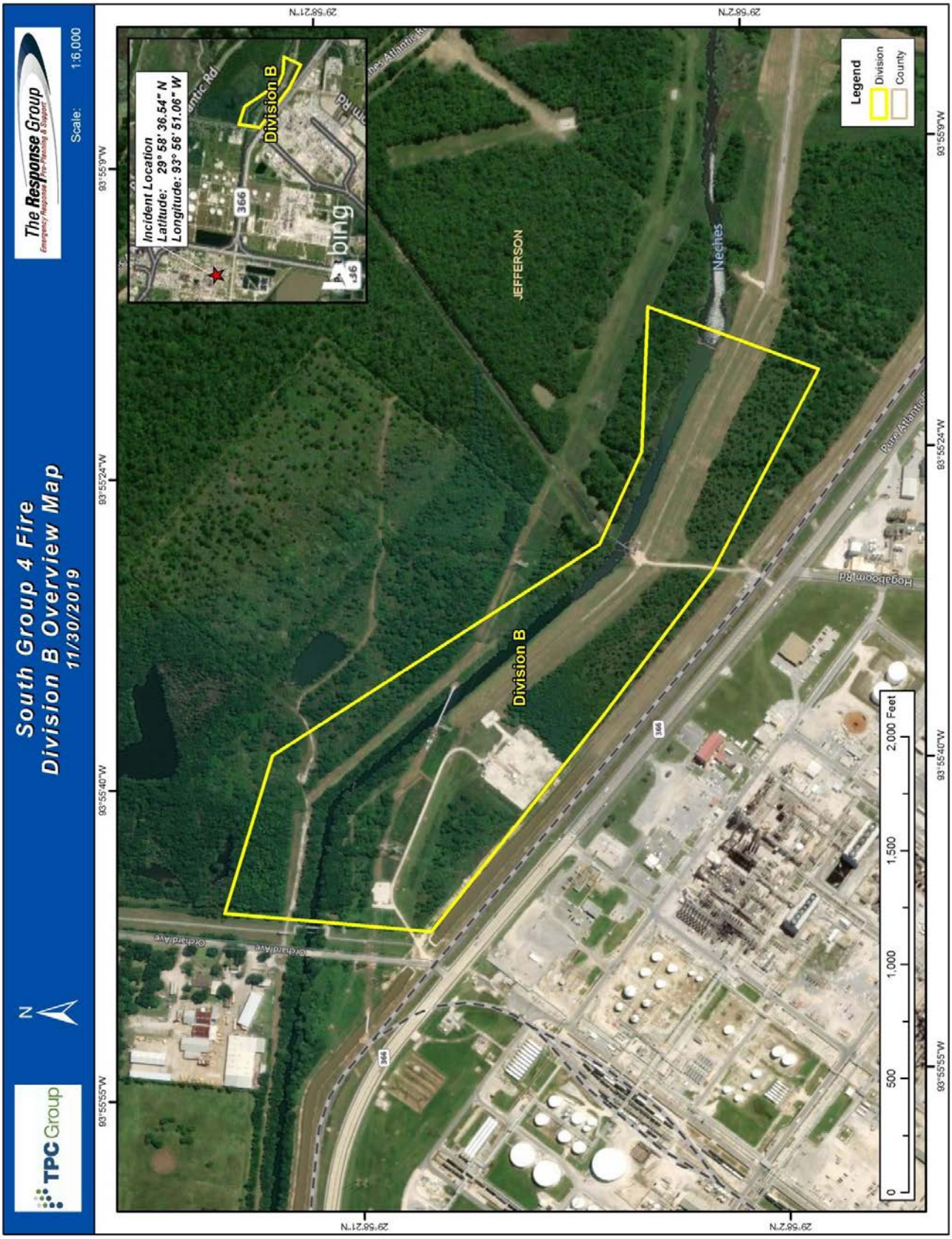
Steep embankments may exist around waterways.
Wear flotation device within 3' of water.

Monitor weather conditions and seek shelter in the event of bad weather.

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

Report safety incidents and concerns to your immediate supervisor.

Division B Overview Map



Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)			
Division C Supervisor	Blanchard, Leland	Clean Harbors Environmental Service Inc. (CHES)	337-342-8270	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom	1600 feet	in
Division C	Jon Boat	Jon Boat	2 each	feet
Division C	Sorbent: Boom	Sorbent: Boom	2400 feet	inch (es)
Division C	Wash Pump	2" Wash Pump	2 each	cubic feet/minute
Division C	Spill Tech	Spill Tech	8 each	

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.

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 weather conditions and seek shelter in the event of bad weather.

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

Report safety incidents and concerns to your immediate supervisor.

20191130 Division C Overview Map

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Division D Supervisor	Bowers, Daniel	Resolute Environmental	346-262-8724	
Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division D	Boom	Boom	900 feet	in
Division D	Response Boat	Response Boat	1 each	feet
Division D	Construction Materials/Supply	Equipment mats	35 each	
Division D	Fork Lift	Fork Lift	1 each	
Division D	Sorbent: Boom	Sorbent: Boom	400 feet	inch (es)
Division D	Spill Tech	Spill Tech	12 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.

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 weather conditions and seek shelter in the event of bad weather.

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

Report safety incidents and concerns to your immediate supervisor.

20191130 Division D Overview Map

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)			
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.

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.

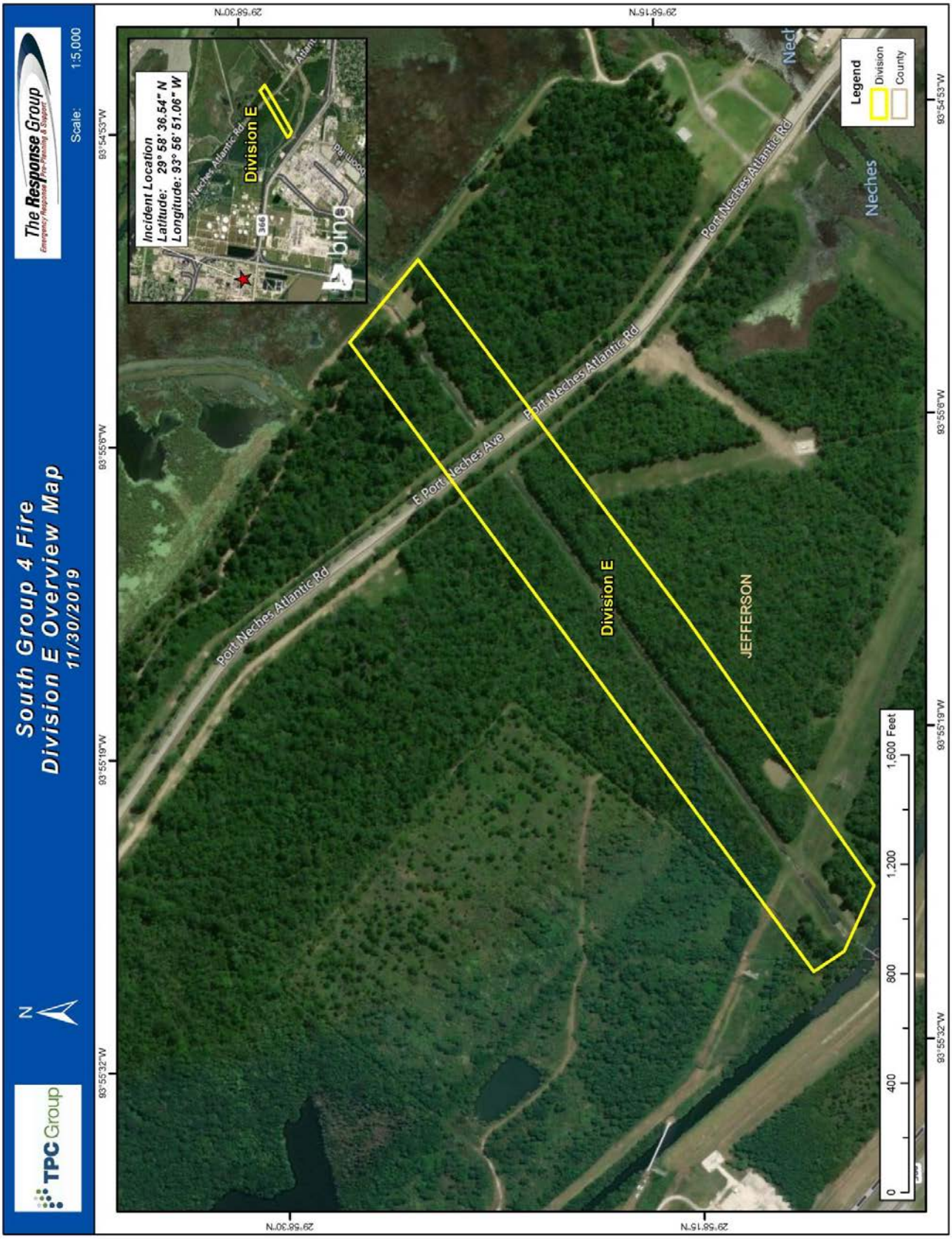
Steep embankments may exist around waterways.
Wear flotation device within 3' of water.

Monitor weather conditions and seek shelter in the event of bad weather.

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

Report safety incidents and concerns to your immediate supervisor.

20191130 Division E Overview Map



Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Waste Management Group	Frac Tank	Frac Tank	32 each	bbls
Waste Management Group	Roll Off	Roll Off	12 each	feet
Waste Management Group	Manpower: Responder	Waste Specialist	3 each	

Assignments

All waste collection activities will be conducted in accordance with the approved Waste Management Plan and established Federal, State and Local regulations.

Maintain collection sites and deploy personnel to collect, dispose of, measure, document, and account for all waste streams with one HAZMAT Technician at each location per 12-hour shift (24 hours a day). Environmental Specialist will maintain waste manifest and mass balance and report to supervisors as directed.

All contractors to provide information tracking, e.g. bills of lading, for waste types and volumes by collected location.

Coordinate storage, labeling, access, and inventory of waste containers in their respective waste streams:
-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.

Communications

Name / Function	Contact Details
Safety / Safety	Safety 1

Special Site-Specific Safety Considerations

Wear hazmat suit while collecting material.

Maintain awareness of surroundings while in wildlife. Ensure proper labeling of waste.

Monitor air quality while disposing of material. Wear full tyvek suit and breathing air for ACM pickup.

Report safety incidents and concerns to your immediate supervisor.

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Director				
Supervisor	Gilliam, Chance	CTEH	5014125769	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Environmental Sampling Group	Manpower: Responder	Env Sampling Specialist	6 each	

Assignments

Conduct sampling of water to monitoring conditions in the surrounding waterways.
5 sample locations twice a day. 3 teams of 2 sampling tech accompanied by and air monitoring tech.

Personnel will conduct surveys within one half mile radius from incident location at all houses and business's. They will survey for asbestos containing material and will remediate and mitigate all incident debris as needed.

Fire water management:
sending 8k gpm, then 10k gpm, then 11k gpm...via pipe to Huntsman - JWWTP.

Special Equipment / Supplies Needed for Assignment

Sampling Kits

Special Environmental Considerations

Follow water sampling plan.

Special Site-Specific Safety Considerations

Monitor surroundings. Be aware of wildlife near water and high grassy areas.

Report and document safety incidents and concerns to your immediate supervisor.

20191130 ENV Sampling Overview Map

Operations Personnel

Position	***Name***	***Affiliation***	***Contact Number(s)***	***Work Shift***
Operations Section Chief	Carlton, Doug	TPC Group	409-548-5127	
Operations Section Chief	Lynn, Gordon (Mike)			
Director				
Supervisor				

Resources Required

Area Of Operation	***Resource Kind***	***Description***	***Quantity***	***Size***
SCAT Group	Manpower: Responder	SCAT Team Member	3 each	
SCAT Group	Vessel	SCAT Boat	1 each	feet

Assignments

Conduct rapid visual assessment of affected and non affected shorelines with 2 person team with 1 vessel from out 201 to the Neches River.

Each SCAT member must read the site safety plan to understand PPE requirements and sign the plan as acknowledgement before deploying into field.

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 972-375-3915 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.

ICS 207 - Organization Chart

Version Name: Combined

Incident Name: South 4 Group Fire

Period: Period 3 [12/01/2019 06:00 - 12/02/2019 06:00]

Federal OSC
Adams, Adam
Rouse, Philip

State OSC
Davila, Hope
Tran, Tina

EOC Manager
Monk, Troy
Wright, Mike

Local Government OSC
Branick, Jeff
White, Michael

Incident Commander
McDonald, Scott
Hollier, Kurt

EOC Safety Liaison
Clifton, Chrisy
Dorsa, Clayton

Safety Officer
Smart, Jeremy
Hanks, Scot

Liaison Officer
Sanders, Jason
Jaschek, Rebecca

Public Information Officer
Cronin, Sarah
Doughty, Haley

ICS Technical Specialist
Henderson, Britton
TBD

Operations Section Chief
Lynn, Gordon
Carlton, Doug

Deputy Operations Section Chief
Sharpe, Randall
TBD

Staging Area Manager
The Response Group (Josh Moore)
The Response Group (Brandon Roberts)

Unmanned Aircraft
Cameron, Chris

Fire Suppression Group Supervisor
Williams, James
Holley, Chad

Air Monitoring Group
CTEH
CTEH

Recovery & Protection Branch Director
Clean Harbors
Clean Harbors

Product Recovery Group
TBD
TBD

Disposal Group
TBD
TBD

Planning Section Chief
LaFollette, Michael
Park, Johnny

Deputy Planning Section Chief
TBD
TBD

Situation Unit Leader
Webb, Jake

Resource Unit Leader
Nail, Johnny

Demobilization Unit Leader
TBD

Decontamination Unit Leader
TBD

Logistics Section Chief
Wiszmann, Mike
Kresser, Kyle

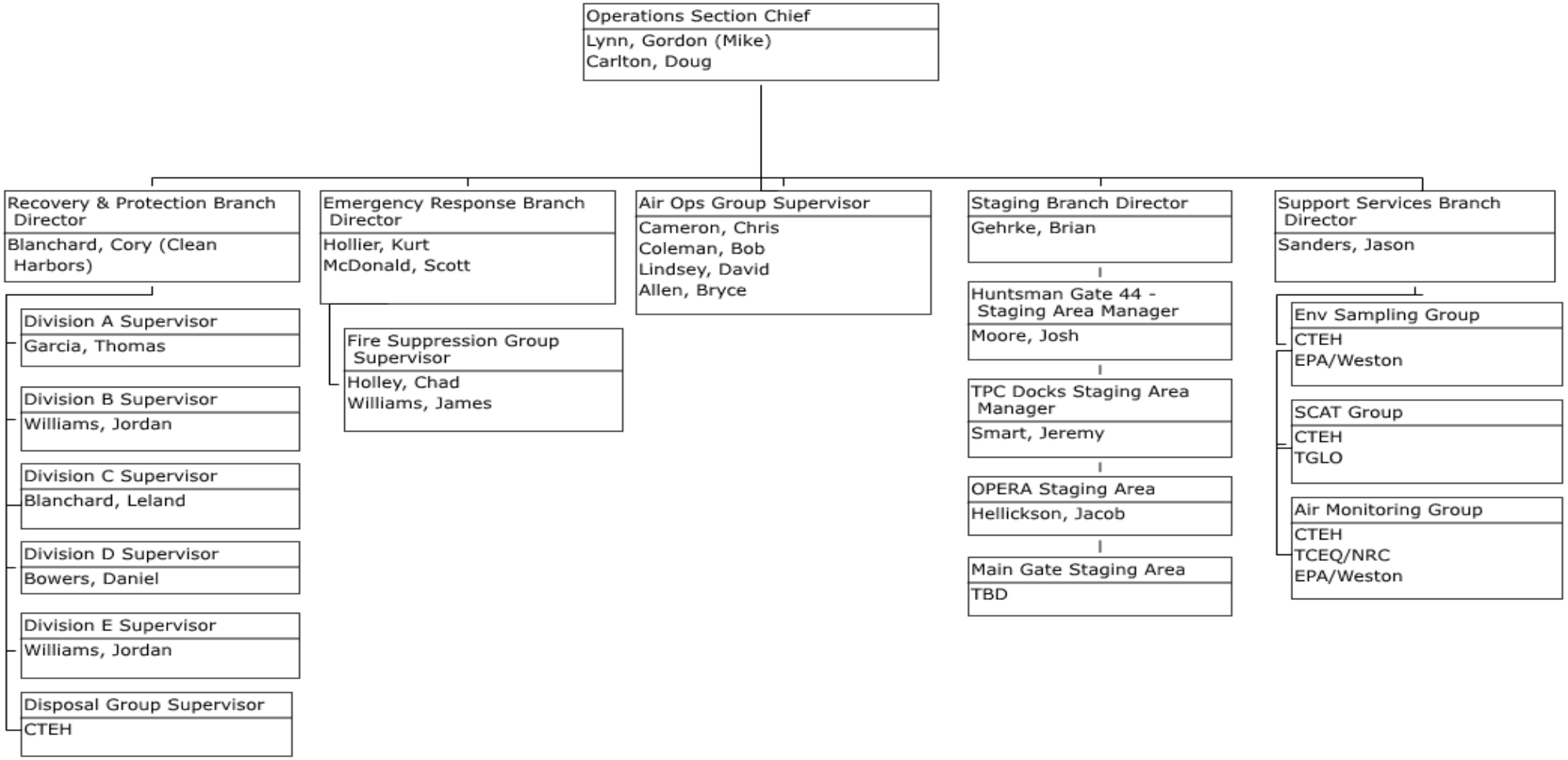
Supply Unit Leader
Lawson, Elton

Ground Support Unit Leader
Moore, Jeff

Communications Unit Leader
Grissom, Billy
Dyer, Ernie
Bradley, Luther

Finance Section Chief
Carpenter, Ken
Nelson, Jacqueline

Procurement Unit Leader
Burke, Dona
Koskie, Bill


Operations Section Chief
Lynn, Gordon (Mike)
Carlton, Doug
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
Disposal Group Supervisor
CTEH
Emergency Response Branch Director
Hollier, Kurt
McDonald, Scott
Fire Suppression Group Supervisor
Holley, Chad
Williams, James
Air Ops Group Supervisor
Cameron, Chris
Coleman, Bob
Lindsey, David
Allen, Bryce
Staging Branch Director
Gehrke, Brian
Huntsman Gate 44 - Staging Area Manager
Moore, Josh
TPC Docks Staging Area Manager
Smart, Jeremy
OPERA Staging Area
Hellickson, Jacob
Main Gate Staging Area
TBD
Support Services Branch Director
Sanders, Jason
Env Sampling Group
CTEH
EPA/Weston
SCAT Group
CTEH
TGLO
Air Monitoring Group
CTEH
TCEQ/NRC
EPA/Weston

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	409-527-2057	Operations Section Chief	Lynn, Gordon	281-608-4051
Safety Officer	Clifton, Chrisy	409-728-9691			

Emergency Plan

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

Notifications

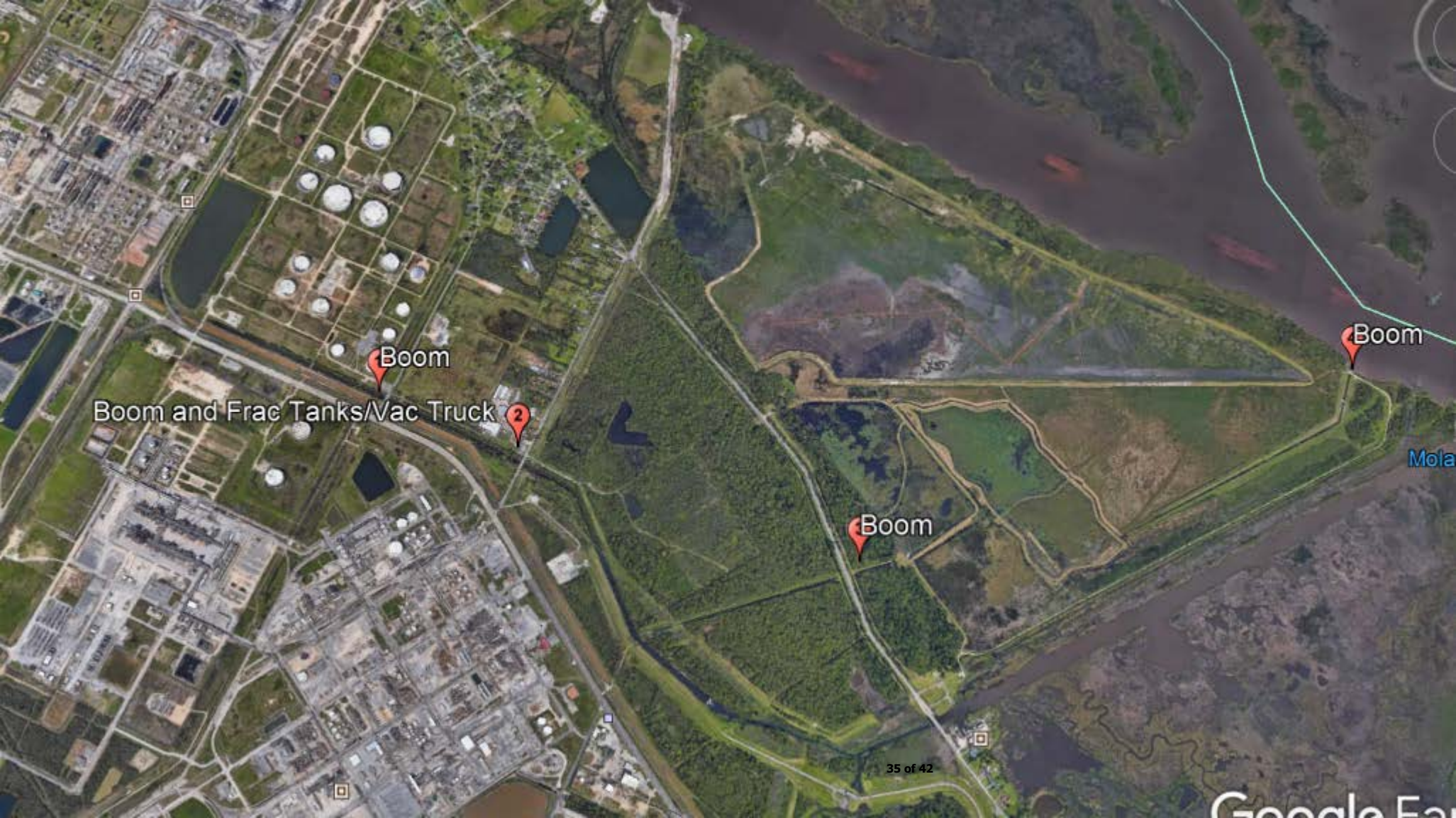
	Facility		*Phone*		*Facility*		*Phone*
[x]	**Hospital**	Medical Center of SETX	409-853-5900	[x]	**Fire**	Port Neches Fire Department	409-853-5900
[x]	**Ambulance**	Acadian EMS	409-980-7740	[ ]	**Law Enforcement**		
[x]	**Air Ambulance**	Acadian AirMed	409-980-7740	[ ]	**Emergency Response/Rescue**		

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

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


Boom
Boom and Frac Tanks/Vac Truck
2
Boom
Boom
Mola
Google Ea

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	409-719-6175	Incident Commander	McDonald, Scott	409-527-2057
Safety Officer	Dorsa, Clayton	832-693-6764	Safety Officer	Clifton, Chrisy	409-728-9691
Operations Section Chief	Park, Johnny	713-504-6048	Operations Section Chief	Lynn, Gordon	281-608-4051

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 208 - Site Safety Plan	Version Name: 11/29/2019 - Electrical Plan
Incident Name: South 4 Group Fire	Period: Period 3 [12/01/2019 06:00 - 12/02/2019 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	409-719-6175	Safety Officer	Dorsa, Clayton	8326936764
Incident Commander	McDonald, Scott		Operations Section Chief	Lynn, Gordon	281-608-4051

Safety Officer	Clifton, Chrisy	4097289691	Operations Section Chief	Carlton, Doug	409-548-5127

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- Staging 15
Incident Name: South 4 Group Fire	Period: Period 3 [12/01/2019 06:00 - 12/02/2019 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	409-719-6175
Safety Officer	Clifton, Chrisy	4097289691	Safety Officer	Dorsa, Clayton	8326936764
Operations Section Chief	Lynn, Gordon	281-608-4051	Operations Section Chief	Park, Johnny	713-504-6048

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 220 - Air Operations Summary

Version Name: 20191130

Incident Name: South 4 Group Fire

Period: Period 3 [12/01/2019 06:00 - 12/02/2019 06:00]

Sunrise	Sunset
11/30/2019 06:52	11/30/2019 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
Air Ops Branch Director	Coleman, Bob	832-493-1485
Visual Observer	Lindsey, David	409-939-8186

Helicopters

FAA N#	Category	Make/Model	Base	Available	Start	Remarks
FA3WNXXPCY	sUAV	Phantom 4 Pro V2	Incident Command Post	11/28/2019 06:00	11/28/2019 07:00	PIC - B. Coleman
FA3HCFMKEH	sUAV	Matrice 210v2 RTK	Incident Command Post	11/29/2019 06:00	11/29/2019 06:00	
FA34CL9AA3	sUAV	Matrice M600	Incident Command Post	11/29/2019 06:00	11/29/2019 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.	11/28/2019 07:00	Incident Location	Recommended Safe Distance

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