REDACTED VERSION

IAP Cover Sheet	Version Name: Period 13
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Approved By

Federal OSC:	Adams, Adam	Adam Adams FOSC
Jefferson County Judge:	Branick, Jeff	Robert Grimm for Jeff Branick
State OSC:	Davila, Hope	Hope Davila
EOC Manager:	Wright, Mike	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

TPC Group

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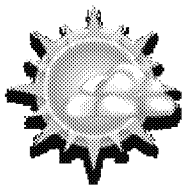
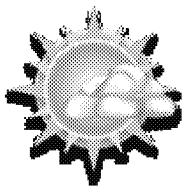
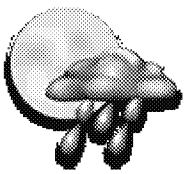
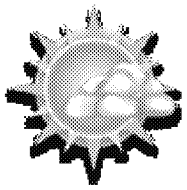
Present Conditions

Weather Conditions as of 12/11/2019 14:12

port arthur station id: MID_PORT2

Temperature:	53° Fahrenheit	***Feels Like:***	53° Fahrenheit
Wind Speed:	8 mph	***Dew Point:***	° Fahrenheit
Wind Direction (from):	NNE	***Pressure:***	30.44
Visibility:	mile(s)	***UV Index:***	
Humidity (%):		***Sunrise:***	07:01
Short Description:	Sunny	***Sunset:***	17:16
Full Description:	Sunny		
Current Speed:		***Wave Height:***	
Current Direction (to):		***Wave Direction:***	
Water Temperature:	° Fahrenheit	***Swell Interval:***	

Forecast Date	*Day*		*Night*	
Wed 12/11/2019	 58 °F	**Sunny, with a high near 58. Northeast wind 10 to 15 mph, with gusts as high as 20 mph.** **Chance of Precipitation(%):** 0% **Wind:** 13 mph	45 °F	**Mostly clear, with a low around 43. Northeast wind around 5 mph.** **Chance of Precipitation(%):** 2% **Wind:** 10 mph
Thu 12/12/2019	 61 °F	**Partly sunny, with a high near 61. Northeast wind 5 to 10 mph.** **Chance of Precipitation(%):** 10% **Wind:** 6 mph	 50 °F	**A 20 percent chance of showers. Mostly cloudy, with a low around 49. Northeast wind around 5 mph becoming calm after midnight.** **Chance of Precipitation(%):** 16% **Wind:** 4 mph
Fri 12/13/2019	 67 °F	**Partly sunny, with a high near 68. Calm wind becoming southwest around 5 mph in the afternoon.** **Chance of Precipitation(%):** 10% **Wind:** 4 mph	52 °F	**Partly cloudy, with a low around 51. Southwest wind around 5 mph becoming northwest after midnight.** **Chance of Precipitation(%):** 1% **Wind:** 5 mph

Tides

	Tide	*Height*	*UOM*	*Time*	*Tide Station Location*
Wed 12/11/2019	High	0.831	feet	01:53	Port Arthur, Tx Us
	Low	-0.429	feet	10:05	Port Arthur, Tx Us
Thu 12/12/2019	High	0.859	feet	02:10	Port Arthur, Tx Us
	Low	-0.49	feet	10:43	Port Arthur, Tx Us

Fri 12/13/2019	High	0.88	feet	02:24	Port Arthur, Tx Us
	Low	-0.509	feet	11:25	Port Arthur, 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 Incident Status

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.

Be delibrative in your actions.

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, as Ordered 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 - 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Joint Information Center - 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Operational Period and work hours - 48 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
- 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, Including Outfall Area, Reaches Critical Levels

ROUTINE REPORTING:

Situation Unit:

- Progress Report ICS-209 Incident Status Summary with Executive 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 Wastewater Treatment and Outfall - (0600 Operations Briefing)

Liaison Officer:

- Agencies Assigned to Incident Listing (Report - 0800hrs)
- Adversely Impacted and 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: 20191212
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Command	
State OSC Night (On-Call)	Kirksey, Sarah
Incident Commander Day	McDonald, Scott
Safety Officer Field Day	Trahan, Kelly
Public Information Officer	Cronin, Sara
Liaison Officer Day	Sanders, Jason
EOC Manager Night	Wright, Michael
ICS Technical Specialist Day	Tannehill, Lance
Local Government OSC	White, Michael
EOC Manager Day	LaFollette, Michael
Federal OSC	Adams, Adam
Incident Commander Night	Hollier, Kurt
Safety Officer Day	Ray, David
Safety Officer Night	Dorsa, Clayton
State OSC Day	Layton, Jillian
ICS Technical Specialist Night	Torres, Joe
Liaison Officer Night	Jascek, Becky
Safety Officer Field Night	Hanks, Scot
Deputy Federal OSC	Fisher, Bray
Deputy Local Government OSC	Grimm, Robert
Planning Section	
Planning Section Chief Day	Gehrke, Brian
Planning Section Chief Night	Park, Johnny
Situation Unit Leader	Shook, Anthony
GIS Specialist	Gray, Kevin
Documentation Unit Leader	Moore, Josh
Scribe Day	Carroll, Tiffany
Scribe Swing	Wyble, Heather
Scribe Night	Hergert, Jeremy
Demobilization Unit Leader	Koon, Sean
Resource Unit Leader	Nail, Johnny
Technical Liaison	Heimeyer, Nathan
Technical Liaison	Harrison, Chrstopher
Logistics Section	
Logistics Section Chief	Lawson, Elton
Deputy Logistics Section Chief	Dupuis, Philip
Communications Unit Leader Day	Zant, Casey
Communications Unit Leader Night	Grissom, Billy
Ground Support Unit Leader	Moore, Jeff
Staging Coordinator	Comer, Lynn
Staging Coordinator	Mcglothin, Lloyd

Operations Section	
Air Monitoring Group	Scott, Alex
Air Monitoring Group	Davis, Jason
Air Monitoring Group	Tijerina, Pamella
Air Monitoring Group	Layton, Jillian
Air Monitoring Group	Turner, Michael
Air Monitoring Group	Tighe, Daniel
Air Ops Group Supervisor	Allen, Bryce
Air Ops Group Supervisor	Berg, Nolan
Air Ops Group Supervisor	Barrett, Blake
Asbestos & Debris Recovery Group	Henault, Andrew
Decontamination Group	EcoWerks
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
Env Sampling Group	Allaby, Eric
Env Sampling Group	Gueringer, Jeremy
Env Sampling Group	Tighe, Daniel
Environmental Specialist	Miller, Mike
Environmental Specialist	Broomes, Ebunoluwa
Evidence Preservation	Montoya, John
Fire Suppression Group Supervisor Day	Holly, Chad
Fire Suppression Group Supervisor Night	Williams, James
Inhibitor Team 1 Day	Tassin, Steven
Inhibitor Team 1 Night	Reddington, Thomas
Inhibitor Team 2 Day	Page, Donald
Main Gate Staging Area	Roberts, Brandon
366 Staging Area	Hellickson, Jacob
OPERA Staging Area	Ham, Tyler
Operations Section Chief Day	Lynn, Mike
Operations Section Chief Night	Carlton, Doug
Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)
SCAT Coordinator	Simmons, Robert
Staging Branch Director	Comer, Lynn
Support Services Branch Director	Sanders, Jason
Support Services Branch Director	Wnek, Shawn
Support Services Branch Director	Easton, Linda
Support Services Branch Director	Jaschek, Rebecca

Tank Stabilization Group Supervisor Day	Picou, Clint
Tank Stabilization Group Supervisor Night	Davis, James
TF-Outfall 201 Leader	Garcia, Thomas
TPC Docks Staging Area Manager	Smart, Jeremy
Waste Management Group Supervisor	Blanchard, Cory
Water Sampling Group	Allaby, Eric
Water Sampling Group	McMullin, Tami
Water Sampling Group	Reilly, Michael
Finance Section	
Finance Section Chief Day	Guilbeau, Koy
Finance Section Chief Night	Marshall, Linda
P2P	Estes, Marty
Procurement Unit Leader Day	Burke, Dona

Other Sections / Positions

Section	*Position*	*Person*
JIC	APIO Information Gathering/Website Specialist	Lamberth, Erika
JIC	APIO Information Products	Doughty, Haley
JIC	PIO	Cronin, Sara
JIC	Information Products - Writer	Laplante, David
JIC	Social Media Specialist	Watkinson, Anastasia
JIC	APIO Media Relations	Keith, Payton
JIC	APIO Media Relations	Prather, Alisha

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director				
Support Services Branch Director	Sanders, Jason	TPC Group		Day Shift
Support Services Branch Director	Jaschek, Rebecca	TPC Group		Day Shift
Support Services Branch Director	Wnek, Shawn	CTEH	(b) (6) [redacted]	Day Shift
Support Services Branch Director	Easton, Linda	CTEH	(b) (6) [redacted]	Day Shift
Air Monitoring Group	Scott, Alec	CTEH	(b) (6) [redacted]	Day Shift
Air Monitoring Group	Davis, Jason	CTEH	(b) (6) [redacted]	Night Shift
Air Monitoring Group	Tijerina, Pamella	CTEH	(b) (6) [redacted]	Day Shift
Air Monitoring Group	Layton, Jillian	TCEQ	(b) (6) [redacted]	Day Shift
Air Monitoring Group	Tighe, Daniel	EPA Region 6	713-397-1550	Day Shift
Air Monitoring Group	Turner, Michael	NRC - National Response Corporation	734-351-9656	

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	70 each	
Air Monitoring Group	Air Monitor - UltraRAE	Air Monitor - UltraRAE	55 each	
Air Monitoring Group	Air Monitoring Technician	TPC (CTEH) Air Monitoring Tech	61 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	25 each	
Air Monitoring Group	Equipment: Safety	AM510/AM520	24 each	
Air Monitoring Group	Air Monitor - AreaRAE	Air Monitor - AreaRAE	31 each	
Air Monitoring Group	Equipment: Safety	Ludlum	1 each	
Air Monitoring Group	UTV	UTV	4 each	
Air Monitoring Group	Equipment: Safety	Gil/SKC/Leland Pumps	114 each	
Air Monitoring Group	Data Manager	Data Manager	6	
Air Monitoring Group	Project Manager	Project Manager	6	
Air Monitoring Group	Toxicologist	Toxicologist	3	
Air Monitoring Group	Manpower: Responder	Equipment Manager	4 each	
Air Monitoring Group	Environmental Specialist	Project Assistant	1 each	
Air Monitoring Group	Command Trailer	Command Trailer	2 each	feet
Air Monitoring Group	Generator	Generator	3 each	kilowatt (s)
Air Monitoring Group	SCBA	SCBA	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 1-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) - One 2-person team (DAY) and One 2-person team (NIGHT) roving team conducting air monitoring downwind in the communities.

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 response area, fenceline monitoring, on water operations, surrounding community and escort anyone entering the plant response area (day & night).

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

Air monitoring is occurring in multiple areas where spill mitigation and remediation activities are occurring, 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.

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.

Using AreaRAE's are deployed on the fenceline and within the facility. A new procedure that will require additional personnel to add 4 AreaRAE and 4 Dragers; incident command trailer.

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Environmental Considerations

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

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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 Group Map

ICS 204 - Assignment List	Group: Asbestos & Debris Recovery Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director				
Asbestos & Debris Recovery Group	Henault, Andrew	CTEH	(b) (6) [redacted]	Day Shift
Recovery & Protection Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Asbestos & Debris Recovery Group	Manpower: Supervisor	Asbestos Supervisors(CH)	1 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Asbestos & Debris Removal Tech (CH)	4 each	
Asbestos & Debris Recovery Group	Project Manager	Project Manager Asbestos (CTEH)	1	
Asbestos & Debris Recovery Group	Environmental Specialist	Inspector/Sampling Tech (CTEH)	6 each	
Asbestos & Debris Recovery Group	Data Manager	Data Manager (CTEH)	1	

Assignments

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

Team 1 consists of 1 toxicologist, 1 health scientist and 1 certified asbestos consultant.

This team will evaluate homes for the presence or absence 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 on-line database.

Conduct personnel sampling from debris and asbestos clean up crew.

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:
1 team of 4 consisting of abatement sampling and recovery specialist to be deployed when mobilized by the assessment team.

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Communications

Name / Function	Contact Details
Safety / Safety	Safety 1

Special Environmental Considerations

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.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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	Group: Decon Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Decon Group Supervisor	EcoWerks			

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Decon Group	Equipment: Decon	Detergent Washout of BOAT (16'-26')	8 each	16 - 24 feet
Decon Group	Equipment: Decon	Detergent Washout of BOAT (28'-35')	1 each	28 - 35 feet
Decon Group	Decon Personnel	Decon Personnel	3 each	

Assignments

Small Vessels and Equip:

Gross decontamination of small water vessels and marine equip will be placed inside containment boom during the decontamination process.
Floating product or product sheen from vessels will be minimized with sorbents as necessary to reduce loss outside the containment boom.
The vessels will be removed from the water and placed inside an impermeable, bermed area at the boat ramp (OPERA Boat Launch) or shore side (Joint Discharge canal and Star Lake Canal upstream of bridge) locations as appropriate.

Decontamination of equipment will be conducted per the approved Decontamination Plan and in accordance with the Waste Management Plan.

Upon completion of the gross decontamination, the vessels will be transported to an industrial cleaning facility, EcoWerks, located at 6200 Procter St. Extension, Port Arthur, TX, 77642.

The EcoWerks facility will manage all collected waste and waste water according to their waste management plans and as authorized by permit.

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Equipment / Supplies Needed for Assignment

Sorbents, Pressure Washer

Special Environmental Considerations

Follow approved Decontamination Plan.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

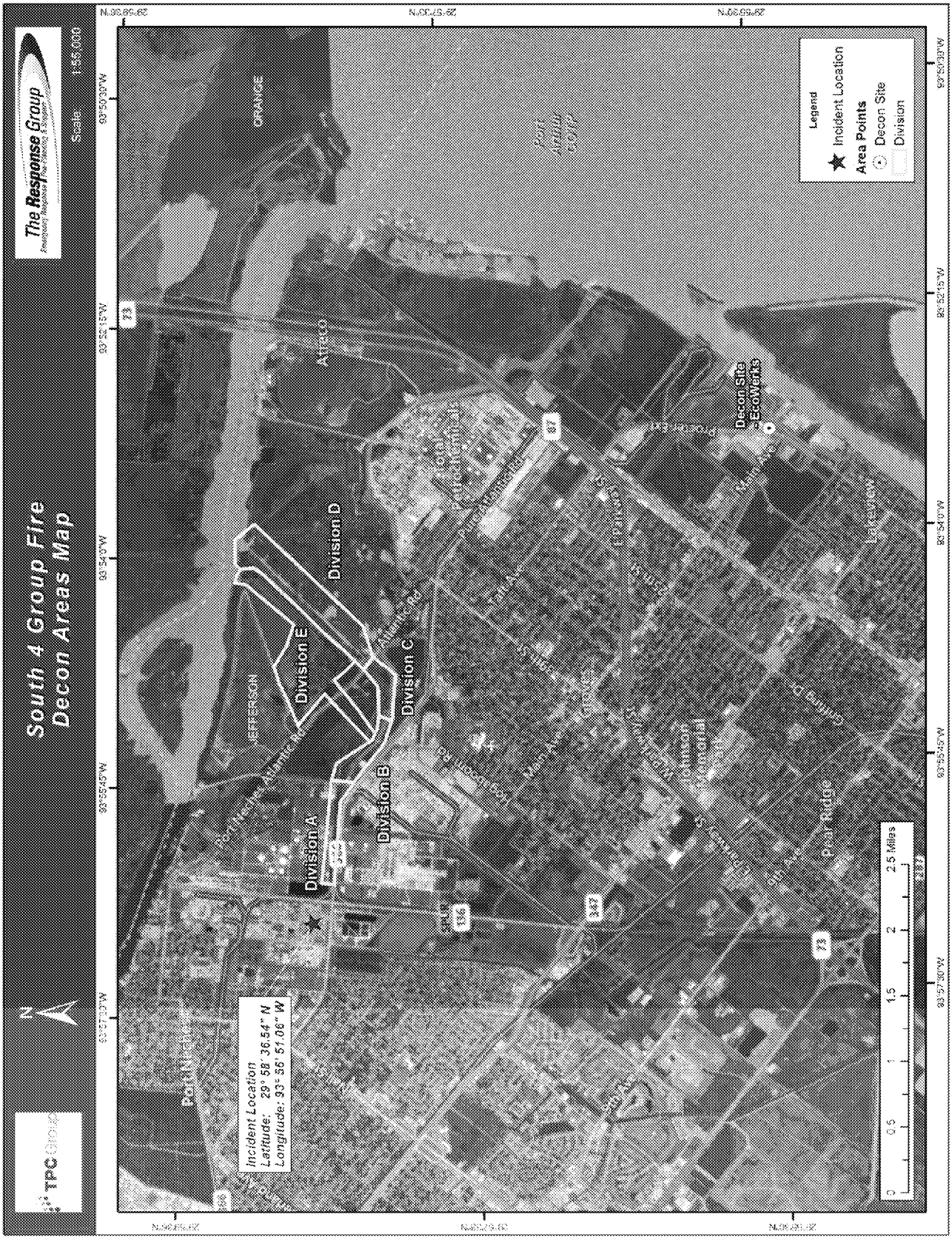
Special Site-Specific Safety Considerations

Ensure contaminated pool water doesn't enter the body of water.

Monitor air quality while performing task. Immediately leave area with elevated readings above the air monitoring action limit.

Report safety incidents and concerns to your immediate supervisor.

Decon Sites Map



ICS 204 - Assignment List	Division: Division A
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division A Supervisor	Garcia, Thomas	Resolute Environmental	(b) (6) [redacted]	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division A	Boom	Boom	300 feet	in
Division A	Vacuum Truck	Vacuum Truck	2 each	barrel (s)
Division A	Jon Boat	Jon Boat	4 each	feet
Division A	UTV	UTV	1 each	
Division A	Sorbent: Boom	Sorbent: Boom	100 feet	inch (es)
Division A	Wash Pump	2" Wash Pump	3 each	cubic feet/min ute
Division A	Spill Tech	Spill Tech	20 each	
Division A	Light Plants	Light Plants	3 each	
Division A	Viscous Sweep	Snare/Viscous Sweep	750 each	
Division A	Hot Water Pressure Washer	Hot Water Pressure Washer	1 each	

Assignments

Division A: From Outfall 001 to Orchard Avenue.

Maintain sorbent boom and snare; 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.

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 Waste Management Plan and coordinate with Waste Management 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.

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Location of Work

Division A: From Outfall 001 to Orchard Avenue.

Special Equipment / Supplies Needed for Assignment

Suction Hose, Strainer, Air Compressor (Dual Tank)

Special Environmental Considerations

Collect 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.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division B Supervisor	Williams, Jordan	Resolute Environmental	(b) (6) [redacted]	Day Shift

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	1 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	2 each	cubic feet/minute
Division B	Spill Tech	Spill Tech	12 each	
Division B	Light Plants	Light Plants	1 each	
Division B	Viscous Sweep	Snare/Viscous Sweep	300 each	

Assignments

Division B: From Orchard Avenue to the weir dam in the canal

Maintain sorbent boom and snare on each 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 immediately 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.

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Location of Work

Orchard Rd to Weir Dam

Special Environmental Considerations

Collect 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.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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.

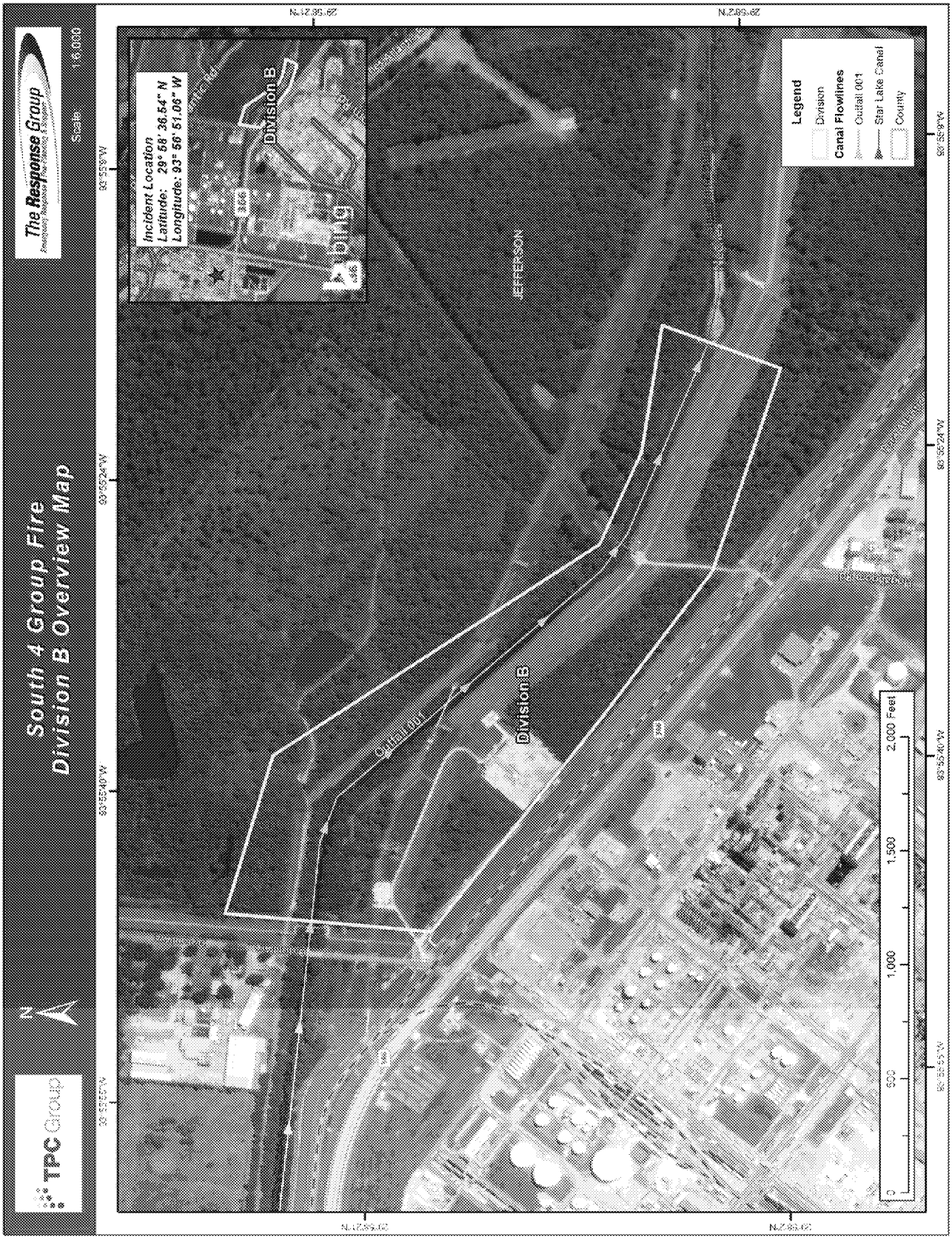
Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).

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 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division C Supervisor	Blanchard, Leland	Clean Harbors Environmental Service Inc. (CHES)	(b) (6) [redacted]	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom	1600 feet	in
Division C	Sorbent: Boom	Sorbent: Boom	1800 feet	inch (es)
Division C	Spill Tech	Spill Tech	10 each	
Division C	Viscous Sweep	Snare/Viscous Sweep	50 each	

Assignments

Division C: From the weir dam in the canal to Atlantic Rd.

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

Maintain diversion boom lined with sorbent boom inlet to the DD7 pump station and along the shoreline to minimize impact to marsh areas.

Maintain boom across the canal west and east of the DD7 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 immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Location of Work

Weir Dam to Atlantic Rd.

Special Environmental Considerations

Collect 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.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division D Supervisor	Bowers, Daniel	Resolute Environmental	(b) (6) [redacted]	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division D	Boom	Boom	2100 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	10 each	

Assignments

Division D: 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 accommodate 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 immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Location of Work

Atlantic Rd to Neches River

Special Environmental Considerations

Collect 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.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division E Supervisor	Williams, Jordan	Resolute Environmental	(b) (6) [redacted]	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division E	Boom	Boom	600 feet	in
Division E	Sorbent: Boom	Sorbent: Boom	1000 feet	inch (es)
Division E	Spill Tech	Spill Tech	5 each	

Assignments

Division E: Huntsman outfall wetlands canal from Star Lake Canal to Port Neches Atlantic Rd.

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

Maintain hard boom across the canal at outfall to the Neches River.

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 immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Location of Work

Huntsman Outfall Canal to Atlantic Ave

Special Environmental Considerations

Collect 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.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

Special Site-Specific Safety Considerations

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

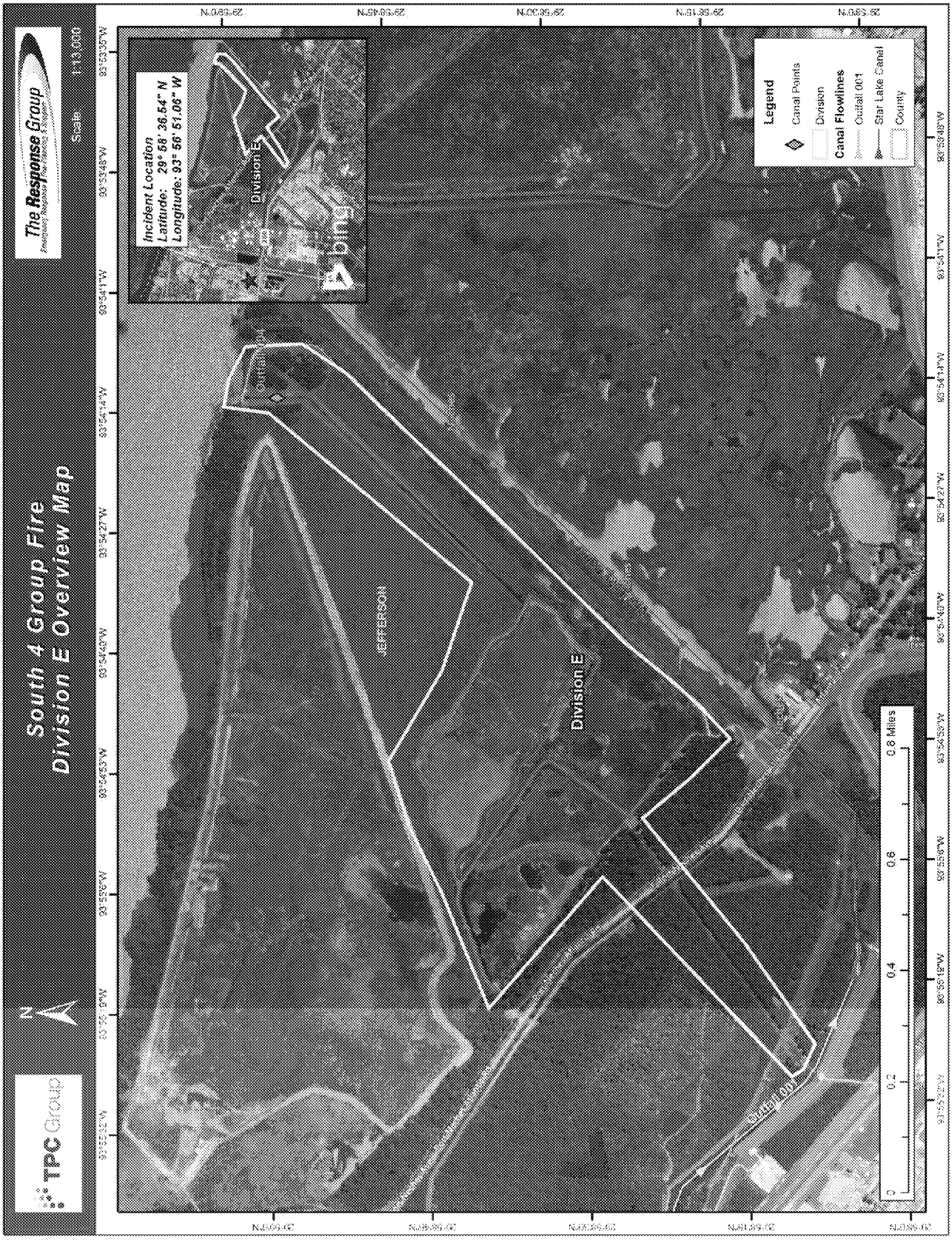
Steep embankments may exist around waterways. Wear flotation device within 3' of water.

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 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director				
Environmental Specialist	Broomes, Ebunoluwa	TPC Group		Day Shift
Env Sampling Group	Allaby, Eric	CTEH	(b) (6) [redacted]	Day Shift
Env Sampling Group	Gueringer, Jeremy	CTEH	(b) (6) [redacted]	Night Shift
Env Sampling Group	Tighe, Daniel	EPA Region 6	713-397-1550	Day Shift
Support Services Branch Director	Jaschek, Rebecca	TPC Group	Ex. 6 Personal Privacy (PP)	Night Shift
Support Services Branch Director	Sanders, Jason	TPC Group		Day Shift
Environmental Specialist	Miller, Mike	TPC Group		Day Shift
Support Services Branch Director	Wnek, Shawn	CTEH	(b) (6) [redacted]	Day Shift
Support Services Branch Director	Easton, Linda	CTEH	(b) (6) [redacted]	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Environmental Sampling Group	Environmental Specialist	CTEH Sampling Specialist	3 each	
Environmental Sampling Group	Environmental Specialist	EPA Sampling Specialist	2 each	
Environmental Sampling Group	Environmental Specialist	TCEQ Sampling Specialist	3 each	
Environmental Sampling Group	Environmental Specialist	Env Lab Liaison	1 each	
Environmental Sampling Group	Environmental Specialist	Environmental Lead (CTEH)	1 each	
Environmental Sampling Group	Toxicologist	Toxicologist - Env Sampling (CTEH)	2	
Environmental Sampling Group	Manpower: Responder	Courier for Lab	3 each	

Assignments

TPC (CTEH)
One team of 3 personnel will be deployed to collect surface water samples at 5 designated locations daily (and 4 on demand locations) in accordance with the UC-approved Environmental Sampling and Analysis Plan (ESAP).

One 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 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
One water sampling team (2 personnel) will sample 6 established locations in accordance with their Sampling and Analysis Plan (SAP). Additional analysis will be performed for Polyfluoro Alkali Substances (PFAS).

SOSC
TCEQ water sampling team (3 personnel) will continue sampling, as needed.

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Equipment / Supplies Needed for Assignment

Sampling Kits

Special Environmental Considerations

Follow approved Sampling Plan.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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.

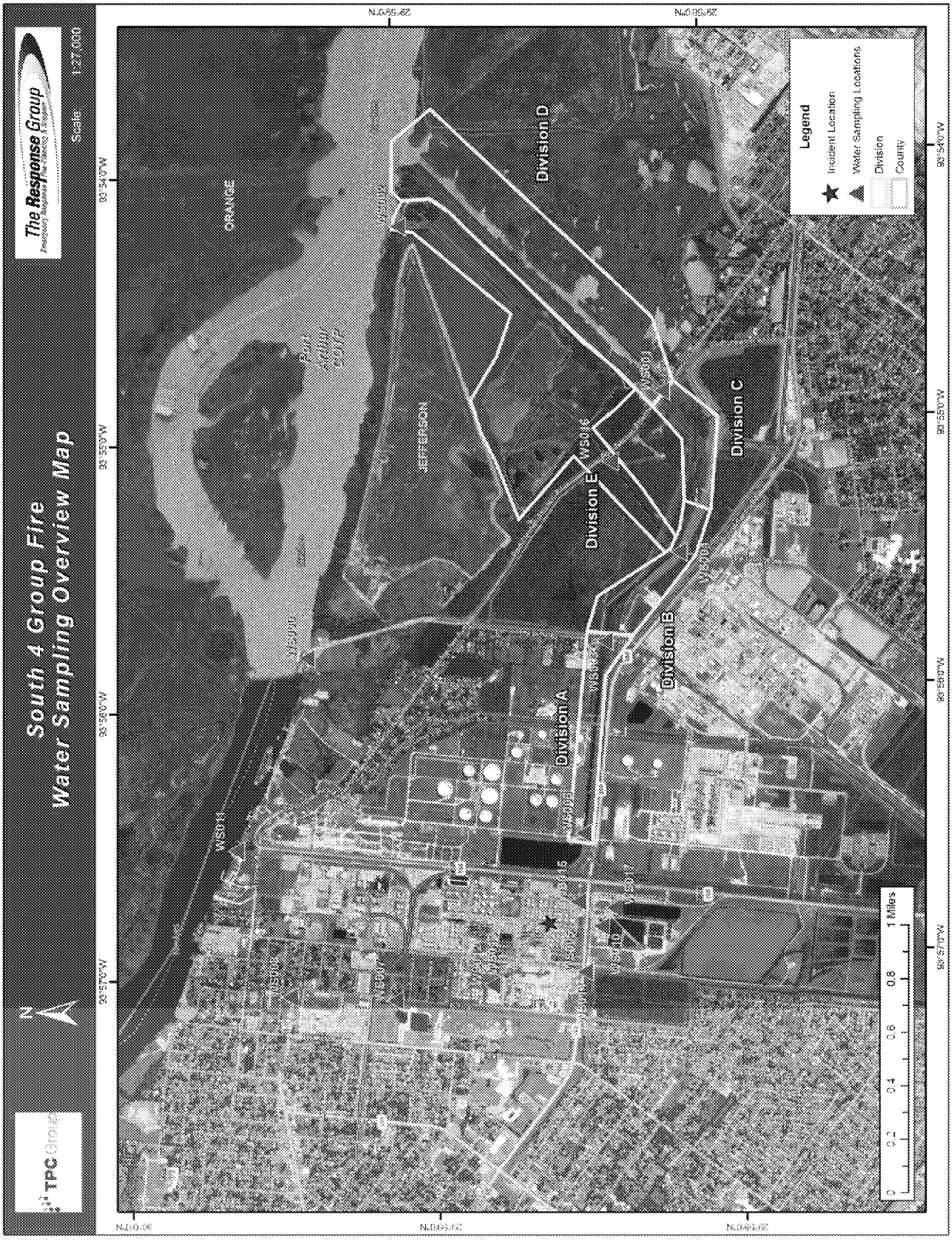
Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).

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

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

Water Sampling Map



Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Fire Suppression Group Supervisor	Holley, Chad	TPC Group		Day Shift
Fire Suppression Group Supervisor	Williams, James	TPC Group		Night Shift

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	325 gallon(s)	each
Fire Suppression Group	Equipment: Safety	Temperature Sensor	10 each	

Assignments

Continue to conduct fire suppression response activities.

Applying water to the site and adjacent areas to ensure cooling and prevent re-ignition as needed.

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

Consider wind speed, direction and heading to manage smoke.

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

Utilize manned/unmanned fire monitors and other resources to apply water to extinguish fire and possible use of foam for vapor suppression.

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

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

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 plan period.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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

ICS 204 - Assignment List	Group: SCAT Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director				
SCAT Coordinator	Simmons, Robert	CTEH	(b) (6) [redacted]	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
SCAT Group	Vessel	SCAT Boat	1 each	feet
SCAT Group	SCAT Team	USCG-SCAT Team	1 each	
SCAT Group	SCAT Team	TCEQ-SCAT Team	1 each	
SCAT Group	SCAT Team	TGLO SCAT Team	2 each	
SCAT Group	SCAT Team	Huntsman Rep SCAT Team	1 each	
SCAT Group	SCAT Team	TPWS SCAT Team	1 each	
SCAT Group	SCAT Team	TCP/CTEH SCAT Team	1 each	

Assignments

(1) Shoreline Cleanup Assessment Team (SCAT) consisting of 8 people:

2 CTEH (RP rep)
1 FOSC Rep USCG
1 SOSC Rep TCEQ
1 TGLO Rep
1 TPWS Rep
1 Clean Harbors
1 Landowner (Huntsman)

Will conduct an assessment of affected and non-affected shoreline, and clean up activity by foot and boat (as needed) from the Joint Discharge to the Neches River to determine what further actions are necessary for cleanup, monitoring and maintenance.

The SCAT Team will also coordinate with and facilitate wildlife surveys response activity with Wildlife personnel on call.

The SCAT Team will act as SCAT-OPS liaison reactive to Shoreline Treatment Methods and Endpoint Assessment.

Specific mission assignment for the subsequent day will be determined by the SCAT Coordinator each day after field teams return.

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

Special Instructions

Use proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Equipment / Supplies Needed for Assignment

SCAT data collector

vehicles

Special Environmental Considerations

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

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

Special Site-Specific Safety Considerations

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

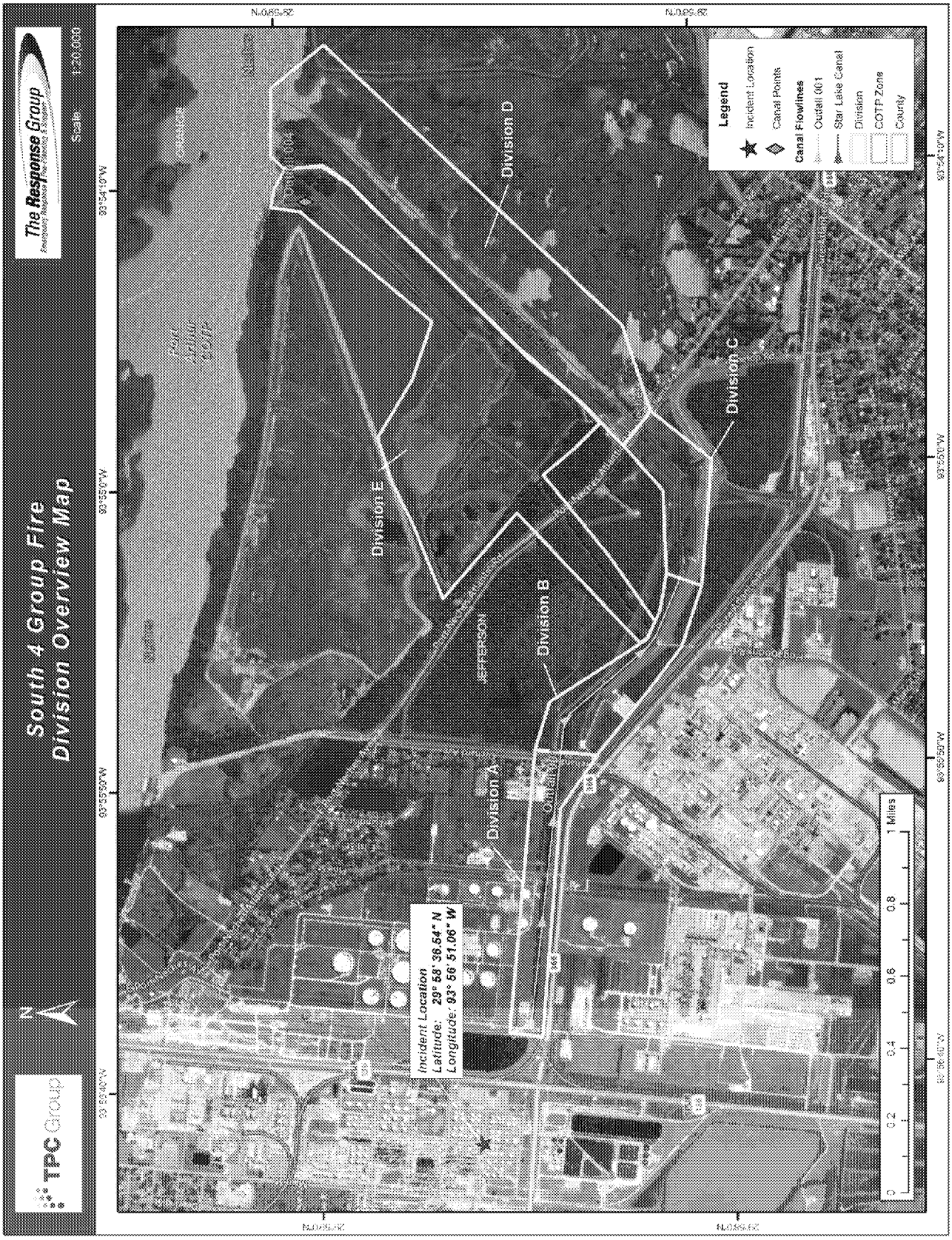
Steep embankments may exist around waterways. Wear flotation device within 3' of water.

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



ICS 204 - Assignment List	Group: Tank Stabilization Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Supervisor	Picou, Clint	TPC Group		Day Shift
Supervisor	Davis, James	TPC Group		Night Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Tank Stabilization Group	Manpower: Responder	Inhibitor Injection Team 1 Day	3 each	
Tank Stabilization Group	Foreman	Inhibitor Injection Team 1 Leader Day	1 each	
Tank Stabilization Group	Manpower: Responder	Inhibitor Injection Team 2 Night	3 each	
Tank Stabilization Group	Foreman	Inhibitor Injection Team 2 Leader Night	1 each	
Tank Stabilization Group	Foreman	Inhibitor Injection Team 2 Leader Day	1 each	
Tank Stabilization Group	Foreman	Inhibitor Injection Team 1 Leader Night	1 each	
Tank Stabilization Group	Manpower: Responder	Inhibitor Injection Team 2 Day	3 each	
Tank Stabilization Group	Manpower: Responder	Inhibitor Injection Team 1 Night	3 each	
Tank Stabilization Group	Manpower: Responder	Pipefitter-Day	1 each	
Tank Stabilization Group	Manpower: Responder	Electrician-Day	1 each	
Tank Stabilization Group	Manpower: Responder	Pipefitter-Night	1 each	
Tank Stabilization Group	Manpower: Responder	Electrician-Night	1 each	

Assignments

Injection of DEHA into critical Butadiene tanks in Blocks 3, 5, 8, 13; to help stabilize material; 2 day teams and 2 night teams along with a 1 electrician and 1 pipefitter on day and night.

Special Equipment / Supplies Needed for Assignment

Injection Kit for each team

Special Site-Specific Safety Considerations

Maintain awareness to surrounding structures.

Monitor air quality while performing task. Immediately put on respirator with elevated readings above the air monitoring action limit.

Immediately report safety incidents and concerns to the Incident Commander.

Stay hydrated.

Maintain fire watch at the generator.

Tank Stabilization Group

ICS 204 - Assignment List	Task Force: TF-Outfall 201
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Task Force Leader	Garcia, Thomas	Clean Harbors Environmental Service Inc. (CHES)	(b) (6) [redacted]	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
TF-Outfall 201	Vacuum Truck	Vacuum Truck w/Carbon Filter	1 each	barrel (s)
TF-Outfall 201	Wash Pump	Wash Pump	2 each	2 inch (es)
TF-Outfall 201	Frac Tank	Frac Tank w/ Carbon System	1 each	bbls
TF-Outfall 201	Boom	Boom	100 feet	18 inch (es)
TF-Outfall 201	Vac Truck Operator	Vac Truck Operator	2 each	

Assignments

Task Force-Outfall 201 will be working in Block 1.

Contain spilled material in the pit and recover with drum skimmer and offload to vacuum truck. Continue operations during night shift if needed.

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 Waste Management Plan and coordinate with Waste Management 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.

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Environmental Considerations

Collect 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.

Contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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.

TF-Outfall 201 Map

ICS 204 - Assignment List	Group: Waste Management Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Supervisor	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Waste Management Group	Frac Tank	Frac Tank	16 each	bbls
Waste Management Group	Roll Off	Roll Off	17 each	feet
Waste Management Group	Manpower: Responder	Waste Specialist	3 each	

Assignments

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

Waste characterization and profile will continue at each collection site.

Full Rolloff boxes are held at TPC Docks Staging area, others are kept on Hwy 366 along the road and at Huntsman Starlake Lift Station (where Div B and E join).

Frac tanks are on Hwy 366, 4 are at the TPC Docks.

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 proper PPE and maintain communications at all times.

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

DEMOBILIZATION:
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Environmental Considerations

Follow approved Waste Plan for the collection of waste for proper disposal.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.
If an alligator wis spotted:
1. Leave the alligator in place.
2. Maintain visual.
3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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.

Frac Tank Locations Map

Radio Channel Information

Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N/W	Rx Tone/NAC	Tx Freq N/W	Tx Tone/NAC	Mode	Remarks
1	Safety/OPS	Safety/OPS	Fire Suppression Group Incident Command Post - Holiday Inn Staging - 366 Incident Command FOB - ONSC Staging - Gate #15 Staging - TPC Docks						
4	Multiagency Radio	Multiagency Radio	Fire Suppression Group						

Special Radio Instructions

Be succinct

Remember many people can hear what you are passing over the radio

Best reception is to slea

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ICS 205a - Communications List	Version Name: CIR Distribution List - Period 13
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Local Communications Information

Name	***Incident Assigned Position***	***Mobile Phone***	***Work Phone***	***Email***	***Notes***
Biggs, Heather		832-374-3925		heather.biggs@tpwd.texas.gov	
Branick, Jeff		Ex. 6 Personal Privacy (PP)			Group Text Communication - Jefferson County Judge
Gelino, Derrick		(b) (6) [redacted]			
Iseton, Claire		713-859-5986		claire.iseton@tpwd.texas.gov	
Nelson, Paul		Ex. 6 Personal Privacy (PP)	409-722-5885		Port Neches Fire Chief
Stegall, Michael			409-719-4273	mstegall@ci.port-neches.tx.us	Port Neches Assistant Fire Chief
Young, Patrick		214-577-3506		pay9@cdc.gov	Capt. Patrick Young
Fisher, Bray	Deputy Federal OSC	469-510-8825			
Patel, Anish	Deputy Federal OSC	469-510-9721		patel.anish@epa.gov	Communication as needed - Day Shift
Sharpe, Randall	Deputy Operations Section Chief	Ex. 6 Personal Privacy (PP)		randall.sharpe@tpcgrp.com	
Monk, Troy	EOC Manager Day			troy.monk@tpcgrp.com	All Communication forms - Day Shift
Wright, Mike	EOC Manager Night			michael.wright@tpcgrp.com	All Communication forms - Night Shift
Adams, Adam	Federal OSC	214-202-6952			Communication as needed - Day Shift. On call at night
Rouse, Philip	Federal OSC Night	469-431-8856		Rouse.philip@epa.gov	Email Communication - Night Shift
McDonald, Scott	Incident Commander Day	Ex. 6 Personal Privacy (PP)		scott.mcdonald@tpcgrp.com	
Hollier, Kurt	Incident Commander Night			kurt.hollier@tpcgrp.com	
Brechtel, Joseph	Liaison Officer			Scott.Brechtel@tpcgroup.com	All Communication forms- Rotating
Jaschek, Rebecca	Liaison Officer			becky.jaschek@tpggroup.com	All Communication forms - Rotating
Sanders, Jason	Liaison Officer Day			jason.sanders@tpcgrp.com	All Communication forms - Rotating
White, Michael	Local Government OSC				Group Text Communication - Jefferson County OEM
Grimm, Robert	Local Government OSC				Group Text Communication - Jefferson County OEM

Local Communications Information

Name	***Incident Assigned Position***	***Mobile Phone***	***Work Phone***	***Email***	***Notes***
Lynn, Gordon	Operations Section Chief Day	(b) (6) [redacted]		gordon.lynn@tpcgrp.com	
Carlton, Doug	Operations Section Chief Night	(b) (6) [redacted]		doug.carlton@tpcgrp.com	All Communication forms - Night Shift
Layton, Jillian	State OSC	409-728-3975	409-728-3975	Jillian.Layton@tceq.texas.gov	Email and Group Text Communication - Night Shift
Davila, Hope	State OSC Day	409-791-7296		Hope.Davila@tceq.texas.gov	Email and Group Text Communication - Day Shift
Kirksey, Sarah	State OSC Night (On-Call)	409-898-3838		Sarah.Kirksey@tceq.texas.gov	

Medical Aid Stations

Name	Location	Paramedic On Site	Phone	Radio
First Aid Resources - Block 1	29.977444, -93.945533	☐		
First Aid Resources - Gate 15	29.981522, -93.952218	☐		

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	2900 North St #408 Beaumont, TX 77702 30.080174, -94.126556199999982	Ph1: 409-924-9262		x	☐

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

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)

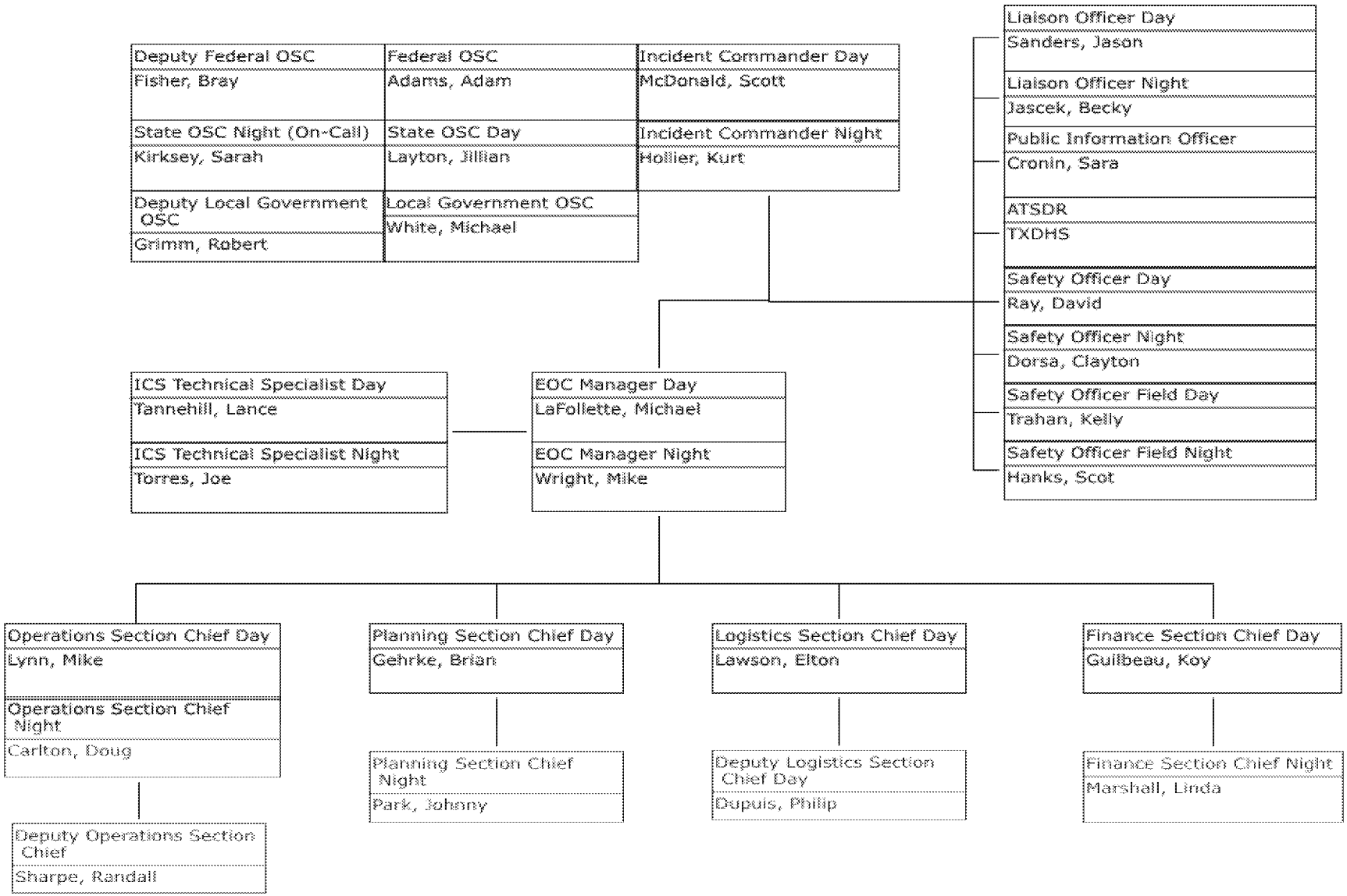
EMS Deputy Group Supervisor: Andrew Tucker (b) (6) [redacted] Acadian Ambulance - Port Arthur (409-980-7740)

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.

Overall



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Operations Section Chief Day
Lynn, Mike

Operations Section Chief Night
Carlton, Doug

Evidence Preservation
Montoya, John

Air Ops Group Supervisor
Allen, Bryce
Berg, Nolan
Barrett, Blake

Deputy Operations Section Chief
Sharpe, Randall

Protection and Recovery Branch
Blanchard, Cory (Clean Harbors)

- **TF-Outfall 201 Leader**: Garcia, Thomas
- **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**: Blanchard, Cory
- **Decontamination Group**: EcoWerks

Fire Suppression Group Supervisor Day
Holley, Chad

Fire Suppression Group Supervisor Night
Williams, James

Tank Stabilization Group Supervisor
Picou, Clint - Day
Davis, James - Night

- **Inhibitor Team 1 - Day**: Tassin, Steven
- **Inhibitor Team 2 - Day**: Page, Donald
- **Inhibitor Team 1 - Night**: Reddington, Thomas
- **Inhibitor Team 2 - Night**: Operator TBD
- **Day Maintenance Team**: Electrician, Pipefitter
- **Night Maintenance Team**: Electrician, Pipefitter

Staging Branch Director
Comer, Lynn

- **Staging - 366 Incident Command**: Hellickson, Jacob
- **TPC Docks Staging Area Manager**: Smart, Jeremy
- **OPERA Staging Area**: Ham, Tyler
- **Main Gate Staging Area**: McGlothin, Jack; Roberts, Brandon

Support Services Branch Director
Sanders, Jason
Jaschek, Rebecca
Wnek, Shawn
Easton, Linda

- **Environmental Specialist**: Miller, Mike; Broomes, Ebunoluwa
- **Env Sampling Group**: CTEH-Allaby, Eric; CTEH-Gueringer, Jeremy; EPA/Weston-Tighe, Daniel
- **SCAT Coordinator**: Simmons, Robert
- **Water Sampling Group**: CTEH-Allaby, Eric; CTEH-Mcmullin, Tami; CTEH-Reilly, Michael
- **Air Monitoring Group**: CTEH-Scott, Alex; CTEH-Davis, Jason; CTEH-Tijerina, Pamella; TCEQ-Layton, Jillian; TCEQ-Turner, Michael; EPA/Weston-Tighe, Daniel
- **Asbestos & Debris Recovery Group**: CTEH-Henault, Andrew

ICS 208 - Site Safety Plan	Version Name: 11/28/19 - Site Safety Plan
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 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	Ex. 6 Personal Privacy (PP)	Operations Section Chief	Lynn, Gordon	Ex. 6 Personal Privacy (PP)
Safety Officer	Clifton, Chrisy				

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: 11/29/19 - Staging 15
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 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	Ex. 6 Personal Privacy (PP)
Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)	Safety Officer	Dorsa, Clayton	
Operations Section Chief	Lynn, Gordon		Operations Section Chief	Park, Johnny	

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: 12/06/19 - Dock Staging
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Staging 15	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	79 Fahrenheit
Speed		**Wind Speed**	11 mph
Direction		**Direction**	WNW

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	Ex. 6 Personal Privacy (PP)
Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)	Safety Officer	Dorsa, Clayton	
Operations Section Chief	Lynn, Gordon		Operations Section Chief	Park, Johnny	

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: 12/10/19 - Use of Motorized Equipment Safety Plan
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Use of Motorized Equipment in Facility	

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	0	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	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	Potential for Resp Prot
☐	Outer gloves	x	Eye protection		
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

Incident Name: South 4 Group Fire | Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	Name	Telephone/Radio	Position	Name	Telephone/Radio
Incident Commander	McDonald, Scott	Ex. 6 Personal Privacy (PP)	Operations Section Chief	Holley, Chad	Ex. 6 Personal Privacy (PP)
Incident Commander	Hollier, Kurt		Operations Section Chief	Williams, James	
Safety Officer	Clifton, Chrisy				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ] Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	Filename
12.10.2019 Use of Motorized Equipment Safety .docx	12.10.2019 Use of Motorized Equipment Safety .docx

ED_004345_00000480-00066

ICS 208 - Site Safety Plan	Version Name: 11/29/19 - Electrical Safety Plan
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Electrical Safety 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	Ex. 6 Personal Privacy (PP)	Safety Officer	Dorsa, Clayton	Ex. 6 Personal Privacy (PP)
Incident Commander	McDonald, Scott		Operations Section Chief	Lynn, Gordon	

ICS 208 - Site Safety Plan			Version Name: 11/29/19 - Electrical Safety Plan		
Incident Name: South 4 Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]		
Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)	Operations Section Chief	Carlton, Doug	Ex. 6 Personal Privacy (PP)

Emergency Plan

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

Notifications

	Facility		*Phone*		*Facility*		*Phone*
x	**Hospital**	Medical Center of Southeast Texas	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

ICS 208 - Site Safety Plan	Version Name: 11/29/19 - Site Water Safety Plan
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 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	Ex. 6 Personal Privacy (PP)	Incident Commander	McDonald, Scott	Ex. 6 Personal Privacy (PP)
Safety Officer	Dorsa, Clayton		Safety Officer	Clifton, Chrisy	
Operations Section Chief	Park, Johnny		Operations Section Chief	Lynn, Gordon	

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: 12/08/19 - Site Visitor Requirements Safety Plan
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Visitors	

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	0	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	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	Potential for Resp Prot
☐	Outer gloves	x	Eye protection		
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

x	Decontamination	x	Illumination	☐	Additional stations established
x	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**	

Incident Name: South 4 Group Fire | Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	Name	Telephone/Radio	Position	Name	Telephone/Radio
Incident Commander	McDonald, Scott	Ex. 6 Personal Privacy (PP)	Operations Section Chief	Holley, Chad	Ex. 6 Personal Privacy (PP)
Incident Commander	Hollier, Kurt		Operations Section Chief	Williams, James	
Safety Officer	Clifton, Chrisy				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ] Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	Filename
Site Orientation Log.xlsx	Site Orientation Log.xlsx
Visitor Log.xlsx	Visitor Log.xlsx
Site Visitor Requirements.docx	Site Visitor Requirements.docx
PNO Orientation 12.2019 FINAL.ppt	PNO Orientation 12.2019 FINAL.ppt

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

Site Hazards

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

Air Monitoring Limits

Oxygen Level	19.5% - 20.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	0	Benzene			

Engineering Controls

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

Personal Protective Equipment Required

☐	Impervious suit	☒	Hard hats	☒	Boots
☐	Inner gloves	☒	Respirators	☒	APR w/organic cartridge
☒	Outer gloves	☒	Eye protection		
☒	Flame resistant clothing	☐	Personal flotation		

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**	Site Orientation

Incident Name: South 4 Group Fire | Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	Name	Telephone/Radio	Position	Name	Telephone/Radio
Incident Commander	McDonald, Scott	Ex. 6 Personal Privacy (PP)	Safety Officer	Grissom, Billy	Ex. 6 Personal Privacy (PP)
Incident Commander	Hollier, Kurt		Operations Section Chief	Holley, Chad	
Safety Officer	Clifton, Chrisy		Operations Section Chief	Williams, James	

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - FLIR Camera Use in Block 10
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Block 10 West of Process Unit	

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	2 ppm	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	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	SCBA
☐	Outer gloves	x	Eye protection		
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - FLIR Camera Use in Block 10
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	McDonald, Scott	Ex. 6 Personal Privacy (PP)	Operations Section Chief	Holley, Chad	Ex. 6 Personal Privacy (PP)
Incident Commander	Hollier, Kurt		Safety Officer	Keys, Chad	
Safety Officer	Clifton, Chrisy		Operations Section Chief	Bradley, Luther	

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
12.09.2019 FLIR Camera Use in Block 10 Safety.docx	12.09.2019 FLIR Camera Use in Block 10 Safety.docx

ICS 208 - Site Safety Plan	Version Name: 12/09/19 - Scaffold Building- TK DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Scaffold Building- TK DEHA Injection	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	81 Fahrenheit
Speed		**Wind Speed**	12 mph
Direction		**Direction**	SW

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	☐	Fall from elevation
x	☐	Fatigue	☐	x	Pump Hose	x	☐	Pinch Points
☐	x	Fire, Explosion, In-situ Burning	x	☐	Slips, Trips, and Falls			

Air Monitoring Limits

Oxygen Level	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	5% for 15 minutes Action limit	Benzene		Butadiene	0.5ppm (respirator)

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	Harness with Lanyard (Fall arrest system)
x	Outer gloves	x	Eye protection	x	High concentration = SCBA
x	Flame resistant clothing	☐	Personal flotation	x	Low concentration = APR with organic vapor

Additional Control Measures Established

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

Work Plan

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

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	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Safety Officer	Dorsa, Clayton	
Incident Commander	McDonald, Scott		Operations Section Chief	Holley, Chad	

Emergency Plan

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

Notifications

	Facility		*Phone*		*Facility*		*Phone*
☒	**Hospital**	Med Center of SETX	409-853-5900	☒	**Fire**	Port Neches Fire Dept	409-853-5900
☒	**Ambulance**	Acadian EMS	409-980-7740	☐	**Law Enforcement**		
☒	**Air Ambulance**	Acadian Air Med	409-980-7740	☐	**Emergency Response/Rescue**		

Initial Briefing

☐	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
Scaffold Building for DEHA Tanks Safety Plan.docx	Scaffold Building for DEHA Tanks Safety Plan.docx

ICS 208 - Site Safety Plan

Version Name: 12/10/2019 Night Operations General Safety Plan

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Applies to Site: Night Operations General Safety Plan

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

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	☐	Debris
x	☐	Fatigue	x	☐	Pump Hose			
x	☐	Fire, Explosion, In-situ Burning	x	☐	Slips, Trips, and Falls			

Air Monitoring Limits

Oxygen Level	19.5% - 20.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	0	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	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	APR when determined by CTEH
x	Outer gloves	x	Eye protection	x	SCBA in Exclusion Zone
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

Incident Name: South 4 Group Fire | Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	Name	Telephone/Radio	Position	Name	Telephone/Radio
Incident Commander	McDonald, Scott	Ex. 6 Personal Privacy (PP)	Safety Officer	Grissom, Billy	Ex. 6 Personal Privacy (PP)
Incident Commander	Hollier, Kurt		Operations Section Chief	Holley, Chad	
Safety Officer	Clifton, Chrisy		Operations Section Chief	Williams, James	

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 Dept	409-853-5900
[x]	**Ambulance**	Acadian EMS	409-980-7740	[ ]	**Law Enforcement**		
[x]	**Air Ambulance**	Acadian Air Med	409-980-7740	[ ]	**Emergency Response/Rescue**		

Initial Briefing

[ ]	Initial safety briefing prepared for each site

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 100 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 100 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	50 Fahrenheit
Speed		**Wind Speed**	17 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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	5% for 1 min	Benzene		BD	0.5ppm for 5 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	High concentration = SCBA
x	Outer gloves	x	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

☐	Booming	☐	Excavation	☐	Hot work
☐	Skimming	☐	Heavy equipment	☐	Appropriate permits used
☐	Vac trucks	☐	Sorbent pads		
x	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	Ex. 6 Personal Privacy (PP)	Safety Officer	Dorsa, Clayton	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Safety Officer	Clifton, Chrisy	
Incident Commander	McDonald, Scott		Operations Section Chief	Holley, Chad	

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
Butadiene Tank DEHA Injection Plan_FINAL.docx	Butadiene Tank DEHA Injection Plan_FINAL.docx
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx
12.07.2019 BD Tank 100 DEHA Injection Safety P.pdf	12.07.2019 BD Tank 100 DEHA Injection Safety P.pdf

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 101 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 101 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	50 Fahrenheit
Speed		**Wind Speed**	17 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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	5% for 1 min	Benzene		BD	0.5ppm for 5 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	High concentration = SCBA
x	Outer gloves	x	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 101 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Operations Section Chief	Holley, Chad	
Incident Commander	McDonald, Scott				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
12.07.2019 BD Tank 101 DEHA Injection Safety P.pdf	12.07.2019 BD Tank 101 DEHA Injection Safety P.pdf
Butadiene Tank DEHA Injection Plan_FINAL.docx	Butadiene Tank DEHA Injection Plan_FINAL.docx
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 104 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 104 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	50 Fahrenheit
Speed		**Wind Speed**	17 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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	5% for 1 min	Benzene		BD	0.5ppm for 5 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	High concentration = SCBA
x	Outer gloves	x	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 104 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Operations Section Chief	Holley, Chad	
Incident Commander	McDonald, Scott				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx
12.07.2019 BD Tank 104 DEHA Injection Safety P.pdf	12.07.2019 BD Tank 104 DEHA Injection Safety P.pdf
104.jpg	104.jpg

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 109 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 109 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	0	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	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	High concentration = SCBA
x	Outer gloves	☐	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 109 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Operations Section Chief	Holley, Chad	
Incident Commander	McDonald, Scott				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
109.jpg	109.jpg
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx
12.07.2019 BD Tank 109 DEHA Injection Safety P.pdf	12.07.2019 BD Tank 109 DEHA Injection Safety P.pdf

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 90 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 90 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	50 Fahrenheit
Speed		**Wind Speed**	17 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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	5% for 1 min (action)	Benzene		BD	0.5ppm 5 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	High concentration = SCBA
x	Outer gloves	x	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 90 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Operations Section Chief	Holley, Chad	
Incident Commander	McDonald, Scott				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
90.jpg	90.jpg
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx
Butadiene Tank DEHA Injection Plan_FINAL.docx	Butadiene Tank DEHA Injection Plan_FINAL.docx

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 91 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 91 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	50 Fahrenheit
Speed		**Wind Speed**	17 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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	5% for 1 min	Benzene		BD	0.5ppm for 5 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	High concentration = SCBA
x	Outer gloves	x	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 91 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Operations Section Chief	Holley, Chad	
Incident Commander	McDonald, Scott				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
Butadiene Tank DEHA Injection Plan_FINAL.docx	Butadiene Tank DEHA Injection Plan_FINAL.docx
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx
91.jpg	91.jpg

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 96 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 96 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	50 Fahrenheit
Speed		**Wind Speed**	17 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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	5% for 1 min (action)	Benzene		BD	0.5ppm for 5min

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	High concentration = SCBA
x	Outer gloves	x	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

☐	Booming	☐	Excavation	☐	Hot work
☐	Skimming	☐	Heavy equipment	☐	Appropriate permits used
☐	Vac trucks	☐	Sorbent pads		
x	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	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Operations Section Chief	Holley, Chad	
Incident Commander	McDonald, Scott				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	Filename
96.jpg	96.jpg
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx
12.07.2019 BD Tank 96 DEHA Injection Safety Pl.pdf	12.07.2019 BD Tank 96 DEHA Injection Safety Pl.pdf

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 14 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 14 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	0	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	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	High concentration = SCBA
x	Outer gloves	☐	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 14 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Operations Section Chief	Holley, Chad	
Incident Commander	McDonald, Scott				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
14.jpg	14.jpg
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx
12.07.2019 BD Tank 14 DEHA Injection Safety Pl.pdf	12.07.2019 BD Tank 14 DEHA Injection Safety Pl.pdf

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 15 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: Butadiene Tank 15 DEHA Inhibitor Injection Plan	

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

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	19.5% - 21.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	0	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	Hard hats	x	Boots
☐	Inner gloves	x	Respirators	x	High concentration = SCBA
x	Outer gloves	☐	Eye protection	x	Low concentration = APR with organic vapor
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/07/19 - BD Tank 15 DEHA Injection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	Hollier, Kurt	Ex. 6 Personal Privacy (PP)	Safety Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)
Operations Section Chief	Williams, James		Operations Section Chief	Holley, Chad	
Incident Commander	McDonald, Scott				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
12.07.2019 BD Tank 15 DEHA Injection Safety Pl.pdf	12.07.2019 BD Tank 15 DEHA Injection Safety Pl.pdf
EHS-SEP-ALL-600-F21 Job Safety Analysis.docx	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx
15.jpg	15.jpg

ICS 208 - Site Safety Plan	Version Name: 12/11/19 - TK33 Inspection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: TK33 Inspection	

Site Characterization

Water	**Land**	**Weather**	
Wave Height	**Land Use**	**Air Temp**	53 Fahrenheit
Speed		**Wind Speed**	8 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	☐	Debris
x	☐	Fatigue	☐	x	Pump Hose			
☐	x	Fire, Explosion, In-situ Burning	x	☐	Slips, Trips, and Falls			

Air Monitoring Limits

Oxygen Level	19.5% - 20.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	5% for 1 min	Benzene		BD	0.5ppm for 5 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	Steel/composite toe boots
x	Flame resistant clothing	☐	Personal flotation		

Additional Control Measures Established

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

Work Plan

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

Training

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

ICS 208 - Site Safety Plan	Version Name: 12/11/19 - TK33 Inspection
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Organization

Position	*Name*	*Telephone/Radio*	*Position*	*Name*	*Telephone/Radio*
Incident Commander	McDonald, Scott	Ex. 6 Personal Privacy (PP)	Safety Officer	Dorsa, Clayton	Ex. 6 Personal Privacy (PP)
Incident Commander	Hollier, Kurt		Operations Section Chief	Holley, Chad	
Safety Officer	Clifton, Chrisy		Operations Section Chief	Williams, James	

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	***Filename***
TK 33 Inspection Plan.docx	TK 33 Inspection Plan.docx

ICS 208 - Site Safety Plan	Version Name: 12/11/2019 - Site PPE Requirements Safety Plan
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Applies to Site: PPE Requirements	

Site Characterization

Water	**Land**	**Weather**
Wave Height	**Land Use**	**Air Temp**
Speed		**Wind Speed**
Direction		**Direction**

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	19.5% - 20.5%	Hydrogen Sulfide		Total Hydrocarbons	
LEL	0	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	x	Personal flotation
☐	Outer gloves	x	Respirators	x	Boots

Additional Control Measures Established

x	Decontamination	x	Illumination	☐	Additional stations established
x	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	McDonald, Scott	Ex. 6 Personal Privacy (PP)	Operations Section Chief	Holley, Chad	Ex. 6 Personal Privacy (PP)

Incident Name: South 4 Group Fire | Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Incident Commander	Hollier, Kurt	Ex. 6 Personal Privacy (PP)	Operations Section Chief	Williams, James	Ex. 6 Personal Privacy (PP)
Safety Officer	Clifton, Chrisy				

Emergency Plan

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

Notifications

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

Initial Briefing

[ ]	Initial safety briefing prepared for each site

Attachments/Appendices

Attachment	Filename
12.11.2019 PPE Requirements Safety Plan.docx	12.11.2019 PPE Requirements Safety Plan.docx

ICS 220 - Air Operations Summary

Version Name: 20191212

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Sunrise	Sunset
12/12/2019 07:00	12/12/2019 17:16

Ready Alert Aircraft

Medivac

New Incident

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

ALL AIR OPERATIONS ARE DEPENDENT ON WEATHER CONDITIONS. DURING ADVERSE CONDITIONS, THE CREW WILL REMAIN ON STANDBY WITH 30 MIN RESPONSE REQUIREMENT.

Air Operations requests for current operational period need to be made through the Air Operations Group Supervisor and approved by the Operations Section Chief. Priority to Life Safety or Environmental Impact.

Flight requests for future operations need to be submitted to Air Operations Group by noon. These flights will be added to the planning process for vetting and approval.

The ICS 220 - Air Operations Summary will be used to document approved air operations for the IAP.

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 of plume/air conditions and egress/redeploy as conditions warrant. CTEH provides continuous air monitoring in all operational areas.

Temporary Flight Restriction Number :

Altitude	2000
Center Point	29.976815, -93.947531

Frequencies

Frequency / Function	AM	FM

Personnel

Position	Name	Phone
Air Ops Group Supervisor (Data Collection)	Allen, Bryce	(b) (6) [redacted]
Unmanned Aircraft Pilot in Command	Barrett, Blake	832-622-8136

Incident Name: South 4 Group Fire | Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Personnel

Position	Name	Phone
Visual Observer	Berg, Nolan	(b) (6) [redacted]

Helicopters

FAA N#	Category	Make/Model	Base	Available	Start	Remarks
FA3WNXXPCY	sUAV	Phantom 4 Pro V2	Incident Command Post	11/28/2019 06:00	12/08/2019 07:00	PIC - D. Lindsey
FA3HCFMKEH	sUAV	Matrice 210v2 RTK	Incident Command Post	11/29/2019 06:00	12/08/2019 06:00	
FA34CL9AA3	sUAV	Matrice M600	Incident Command Post	11/29/2019 06:00	12/08/2019 06:00	

Task / Mission / Assignment

Function	Name of Personnel or Cargo or Instructions for Tactical Aircraft	Mission Start	Fly To	Fly From
IR Thermal Survey	Perform IR flight over Block 10 to identify areas of interest.	12/08/2019 07:30	Incident Location	Recommended Safe Distance
Aerial Observation	Aerial Observation and imagery capture of waterway Divisions A-E.	12/08/2019 14:00	Division E	Division A
IR Tank Survey	Perform IR Flights for tank temperatures and levels.	12/08/2019 16:00	Tank Blocks	Recommended Safe Distance
Aerial Observation	Aerial Observation and imagery capture of incident location.	12/09/2019 11:00	Incident Location	Recommended Safe Distance

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