Incident Action Plan

MISSION INCIDENT

11/18/2014

Santa Paula, California

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Operational Period #25

12/15 06:00 - 12/16 06:00

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Incident Action Plan

Incident:	MISSION INCIDENT	Prepared By:	Ashley Reardon
Period:	#25: 12/15 06:00 - 12/16 06:00	Version Name:	P025V01 DRAFT

Approved By

Organization	Name	Signature
USEPA	Martin Powell	
Ventura County EHD	Glenn Austin	
RP IC	Jason Guzman	

Incident Photo

Included in Action Plan

Include	Incident Forms	Include	Period Forms
☑	Include Incident Cover	☑	ICS 202 - Incident Objectives
☐	ICS 201-1 - Incident Briefing	☑	ICS 204 - Assignment List(s)
☐	ICS 201-2 - Summary of Current Actions	☑	ICS 205 - Communication Plan
☐	ICS 201-3 - Organization Chart	☑	ICS 206 - Medical Plan
☐	ICS 201-4 - Resource Summary	☑	ICS 207 - Organizational Chart
☐	ICS 201-5 - Site Safety and Control Analysis	☐	ICS 208 - Site Safety Plan(s)
☐	Reactive Phase Weather Report	☐	ICS 211P - Check In List
☐	Reactive Phase Notifications	☑	ICS 230 - Meeting Schedule
		☐	Weather Report
		☐	ICS 213 - General Message(s)
		☐	ICS 214 - Activity Logs

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Incident Action Plan

		☐	Incident Critique

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ICS 202: Incident Objectives

Incident:	MISSION INCIDENT	Prepared By:	Ashley Reardon
Period:	#25: 12/15 06:00 - 12/16 06:00	Version Name:	12/14/2014 19:28 CST

Objective(s)

- Work Safely
  Ensure the health and safety of the public and response and recovery personnel.
- Secure site
  Establish site-wide security measures to preserve site integrity and limit unauthorized access to the Site.
- Identify health threats
  Identify potential and immediate threats to human health associated with incident cleanup.
- Mitigate health hazards
  Work to mitigate the immediate threats to human health and stabilize the site.
- Containerize waste
  Containerize regulated wastes appropriately to mitigate immediate threats to human health. Inspect all on site waste containers to identify potential threats or unstable dangerous conditions.
- Inventory site containers and waste
  Create and manage an inventory of on site waste containers to include tanks, tanker trucks, totes, pits, ponds, roll off bins and drums that may require rapid attention. use this inventory to assist in profiling various waste streams for proper disposal.

Operational Period Command Emphasis

Begin solidification of pool and stockpile solidified waste for curing
Phase 3 of Tank and Tote Inventory Sampling and Analysis Plan - HazCat 10% of tanks from each tank group
Continue to HazCat accessible totes on-site
Maintain roll-off and contaminated PPE from Decon A and Decon C
Maintain 24-hr air monitoring
Maintain security around the site to preserve site integrity
Maintain Air Ops

General Situational Awareness

• ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
• UTILIZE ALL APPROPRIATE PROTECTIVE EQUIPMENT
• KNOW YOUR ESCAPE ROUTES
• ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
• DRINK LOTS OF WATER
• ESTABLISH AN AREA OF SAFE REFUGE
• MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
• REPORT ALL ILLNESSES AND INJURIES TO YOUR SUPERVISOR

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ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#25: 12/15 06:00 - 12/16 06:00
Branch:		Division / Group:	Decon Units
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 15:56 CST
Unit:	DECON UNITS		

Tactical Objective

Provide entry team decontamination processes in accordance with job hazard analysis and/or verbal direction.

Assignments

Personnel will be assigned to designated ingress and egress locations at the site.

Maintain roll-off and contaminated PPE from Decon A and Decon C.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Decon Team C	Josh Bailey	4	661-340-6156	

Assignment Progress and Issues

Location of Work

Designated ingress and egress locations at the site.

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ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#25: 12/15 06:00 - 12/16 06:00
Branch:		Division / Group:	Planning
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 15:57 CST
Unit:	AIR OPS		

Tactical Objective

Provide aerial imagery as requested by UC or Operations. Maintain situational awareness at all times.

Assignments

Obtain aerial photographs of the site several times per day, as appropriate
Fill out flight checklist for each flight
Follow all safety precautions
Obtain photo and video footage of critical operations, as requested.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Copter Pilot	Phil Baker	1	501-804-8138	
Remote-controlled copter		1		
Remote live feed camera		1		

Assignment Progress and Issues

Location of Work

Onsite

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ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#25: 12/15 06:00 - 12/16 06:00
Branch:		Division / Group:	Suppression
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 15:58 CST
Unit:	HAZMAT/SUPPRESSION		

Tactical Objective

Provide standby fire suppression and rescue teams for entry teams as designated by Operations Chief.

Assignments

Maintenance of fire suppression capabilities with pumps, hoses, and fire monitors.

Provide and maintain equipped personnel to make entry if necessary during release area stabilization processes.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Suppression Team	Mike Sokoloff	3	818-414-1980	

Assignment Progress and Issues

Location of Work

Designated points of ingress and egress or as assigned.

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ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#25: 12/15 06:00 - 12/16 06:00
Branch:		Division / Group:	Environmental
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 19:50 CST
Unit:	ENVIRONMENTAL HEALTH		

Tactical Objective

Provide community and site air monitoring. Provide site post stabilzation surface sampling to assess the presence or absence of contaminants.

Assignments

Continue air monitoring in the surrounding community
Continue air monitoring around site perimeter
Provide site stabilization teams with post-stabilization swipe assessments
Provide site stabilization teams with air monitoring support
Wipe sample as necessary
HazCat accessible totes on site
Phase 3 of Tank and Tote Inventory Sampling and Analysis Plan - HazCat 10% of tanks from each tank group

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Tank/Tote Sampling Strike Team 1	Sam Head	3	501-707-7256	
Tank/Tote Sampling Strike Team 2	Louis Chacon	3	501-529-7163	
Tank/Tote Sampling Strike Team 3	Jeremy Gueringer	2	501-366-8551	
On-Site Air Monitoring	Jeff Appleton	1	832-808-0102	
Air Monitoring - Community (Days)	Daniel Short	1	501-416-5700	
Air Monitoring - Perimeter (Days)	Andrew Henault	1	501-366-8818	
Air Monitoring - Perimeter (Nights)	Lani Dorow	2	719-749-6171	

Assignment Progress and Issues

Share analytical results with the County or other agencies as directed.

Four resources will be removed from the Tank/Tote Sampling Strike Teams and allocated to site stabilization when pool solidification operations begin.

Location of Work

The community and on site as desginated by Operations.

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ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#25: 12/15 06:00 - 12/16 06:00
Branch:		Division / Group:	Chemistry Strike Team
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 15:59 CST
Unit:	CHEMISTRY STRIKE TEAM		

Tactical Objective

Provide technical support to Incident Management and Site Stabilization Teams.

Assignments

Perform HAZCAT analysis on tote samples
Conduct efficacy tests
Oversee stabilization process
Collect samples from pool as requested

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Chemistry Strike Team	Randall Woodlee	1	615-504-3484	

Assignment Progress and Issues

Location of Work

On Site/HazCat trailer in E1

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ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#25: 12/15 06:00 - 12/16 06:00
Branch:		Division / Group:	Coast Guard Strike Team
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 16:00 CST
Unit:	COAST GUARD STRIKE TEAM		

Tactical Objective

Monitor site operations as needed by the USEPA FOSC.

Assignments

Provide safety support to the USEPA FOSC as requested.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
USCG Safety	Cody Staneart	2	510-289-0780	

Assignment Progress and Issues

Location of Work

On-site

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ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#25: 12/15 06:00 - 12/16 06:00
Branch:		Division / Group:	Site Stabilization Team
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 19:52 CST
Unit:	SITE STABILIZATION TEAM		

Tactical Objective

Mitigate surfaces in accordance with the Release Area Stabilization Plan as assigned.

Assignments

Begin solidification of pool

Stockpile solidified waste for curing

Storm water recovery on-site

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Team Management	Rocky Schwarz	3	909-217-2028	Entry Lead/ Logistics/Site Control
SITE STABILIZATION Task Force A		2		
SITE STABILIZATION Task Force B		2		
Storm Water Recovery	Bob Wagner	1		

Assignment Progress and Issues

SITE STABILIZATION Task Forces will allocated to Environmental for assisstance with Tank/Tote sampling before pool solidification operations begin.

Location of Work

On-site

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ICS 205: Communication Plan

Incident: MISSION INCIDENT	Prepared By: Ashley Reardon
Period: #25: 12/15 06:00 - 12/16 06:00	Version Name: 12/14/2014 15:22 CST

Radio Listings

Zone Grp.	Ch #	Function	Channel Name / Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone / NAC	TX Freq N or W	TX Tone / NAC	Mode (A, D or M)	Remarks
Ops	1		Patriot Channel 1	Operations	462.475	141.3	467.475	141.3		

Phone Listings

Name	Title	Phone	Radio	Email	Other
Alec Gonzales	Documentation Unit Lead	702-419-1306	☐	alec@alecgonzales.com	
Andrew Henault	Air Sampling Unit Lead	501-240-6071	☐	ahenault@cteh.com	
Ashley Reardon	Planning Section Chief	501-247-6691	☐	areardon@cteh.com	
Ben Castellano	START	818-371-5388	☐	ben.castellano@westonsolutions.com	
Chris Sigala	Security Unit Lead	805-620-2598	☐		
Chris Thessing	Air Ops Leader	501-515-1228	☐	cthessing@cteh.com	
Cody Staneart	Coast Guard Strike Team Safety Lead	510-289-0780	☐		
Curtis Vorhees	Site Safety Officer	661-340-6139	☐	cvorhees@patriotenvironmental.com	
Dave Mosley	Operations Section Chief	661-340-7177	☐	dmosley@patriotenvironmental.com	
David Ramos	Finance Section Chief	805-755-3300	☐	dramos@patriotenvironmental.com	
Don Linville	Deputy Safety Officer	828-707-4473	☐	dlinville@cteh.com	
Don Warren	Operations Deputy Section Chief	601-278-7814	☐	dwarren@cteh.com	
Glenn Austin	Ventura County EHD (Current)	805-901-8270	☐	glenn.austin@ventura.org	
Jacob Fenske	Environmental Sampling Branch Mgr	501-584-8239	☐	jfenske@cteh.com	
Jared Weissenbach	Finance Section Chief	714-403-6514	☐	jWeissenbach@patriotenvironmental.com	
Jason Guzman	RP Incident Commander	805-755-3322	☐	jguzman@patriotenvironmental.com	
Josh Bailey	Decon Group 1 Supervisor	661-414-9075	☐		
Josh Blansett	Situation Unit Leader	901-573-5613	☐	jblansett@cteh.com	
Josh Rodriguez	Supply Unit Lead	661-340-9692	☐		
Kent Creighton	Planning Section Deputy Chief	562-310-6969	☐	kcreighton@patriotenvironmental.com	
Kyle Lawrence	Environmental Sampling Branch Manager	501-366-2698	☐	klawrence@cteh.com	
Margaret Waldon	FOSC	415-940-1109	☐	waldon.margaret@epa.gov	
Mario Pena	Staging Area Unit Lead	805-755-3741	☐		
Mark Miller	Transportation Supervisor	562-244-1929	☐		
Martin Powell	FOSC	562-760-7028	☐	powell.martin@epa.gov	
Randall Woodlee	Sr Chemist	615-504-3484	☐	rwoodlee@enviroscienceinc.com	
Rich Yukihiro	Cost Unit Lead	562-244-2764	☐		
Robert Martinez	Support Unit Lead	805-755-3718	☐		
Rocky Schwartz	Decon Group 2 Supervisor	909-217-2028	☐		
Sam Head	Environmental Sampling Unit Lead	501-707-7256	☐	shead@cteh.com	
Tom Dunkelman	FOSC (Current)	775-721-4712	☐	dunkelman.tom@epa.gov	
Will Canto	Disposal Branch Director	562-244-5108	☐	wcanto@patriotenvironmental.com	

Additional Comments

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ICS 206: Medical Plan

Incident: MISSION INCIDENT	Prepared By: Ashley Reardon
Period: #25: 12/15 06:00 - 12/16 06:00	Version Name: 12/14/2014 15:24 CST

First Aid Stations

Name	Location	EMT On Site	Phone	Radio
MED496	Briggs & HWY 126	Yes		

Transportation (Ground and/or Air Ambulance Services)

Name	Location	Paramedics	Phone	Radio
AMR Ambulance Service	616 FITCH AVE, MOORPARK, CA	Yes	805-517-2028	

Hospitals

Name	Location	Burn Center	Helipad	Phone	Radio
Santa Paula Hospital - 8min	825 N 10th st, Santa Paula, CA	No	Yes	805-933-8600	
VCMC - 15min	3291 Loma Vista, Ventura, CA	No	Yes	805-652-6000	
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500	
Los Robles Hospital - 32min	215 W Janss, THousand Oaks, CA	No	No	805-497-2727	

Special Medical Emergency Procedures

CONTACT IMMEDIATE SUPERVISOR IF INJURED OR EXPERIENCING SYMPTOMS OF EXPOSURE.
UTILIZE COMMAND CHANNEL TO REQUEST ASSISTANCE. If Immediate EMS needed, paraphrase radio traffic with "Emergency Traffic". Provide the following Info: Type of injury, Location, Number of victims,agency of victim, point of contact, staging location for EMS response and if hazmat entry/decon required.

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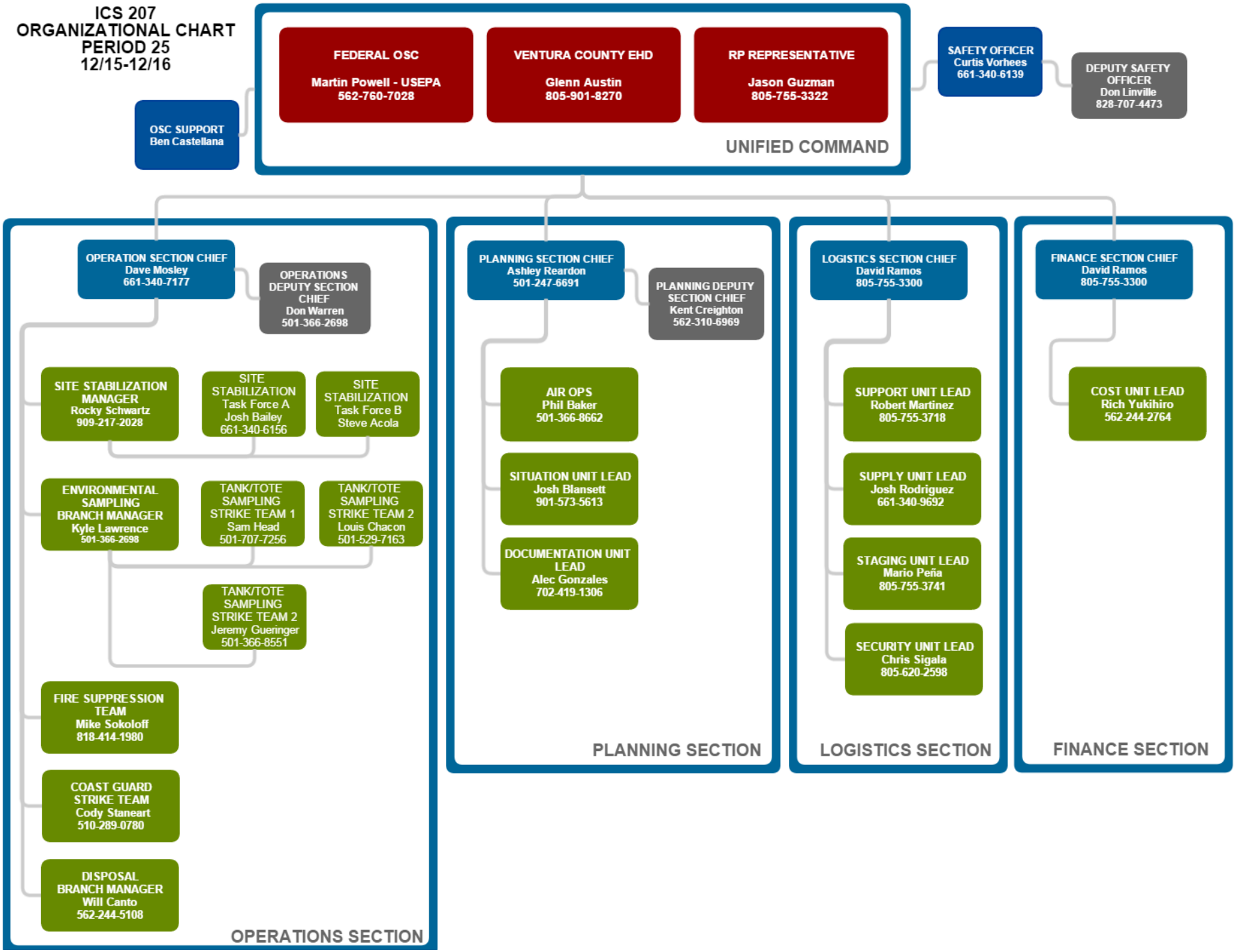
MISSION INCIDENT
ICS 207
ORGANIZATIONAL CHART
PERIOD 25
12/15-12/16



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ICS 230: Daily Meeting Schedule

Incident: MISSION INCIDENT	Prepared By: Ashley Reardon
Period: #25: 12/15 06:00 - 12/16 06:00	Version Name: 12/14/2014 15:26 CST

Meetings

Meeting Name	Date / Time	Purpose	Attendees	Location
Operations/Safety Briefing	12/15/2014 07:00 CST		All hands	
Planning Meeting	12/15/2014 17:00 CST		Command Staff	

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Santa Paula, CA

Like | g+1 | Share

Santa Paula Airport | Change Station

Elev **245** ft **34.35** °N, **119.06** °W | Updated 2 min ago

Radar | Satellite | Webcams | WunderMap | Nexrad

Partly Cloudy

51.6 °F

Feels Like **51.6** °F

N 1.0

Wind from **ENE**
Gusts **2.0** mph

Tomorrow is forecast to be ***NEARLY THE SAME*** temperature as today.

Today	Yesterday
High **64** | Low **47** °F	High **66.3** | Low **42.3** °F
0% Chance of Precip.	Precip. **0** in

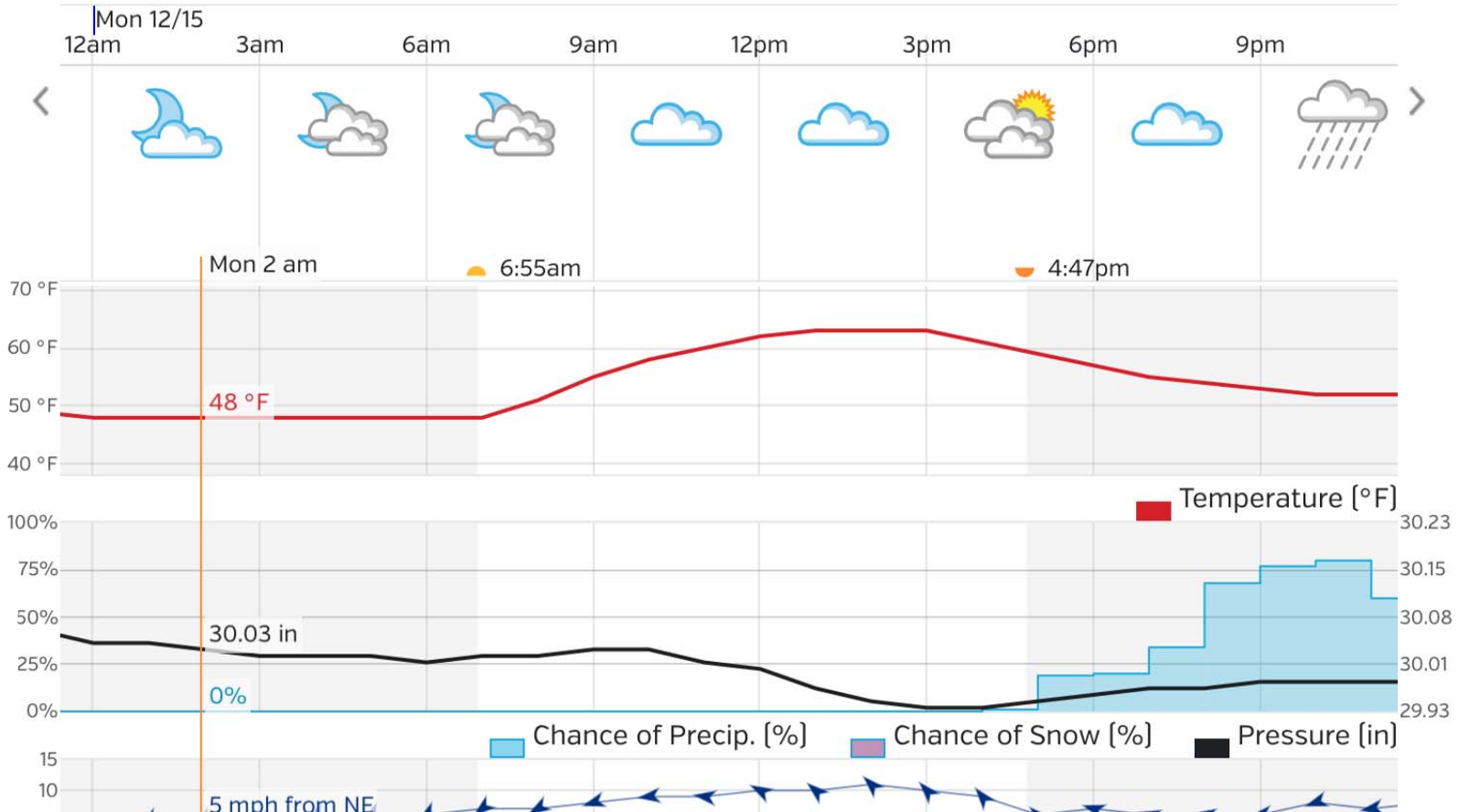
Sun & Moon

6:54 am | 4:47 pm | **Last Quarter, 44**% visible

More Conditions

10-Day Weather Forecast

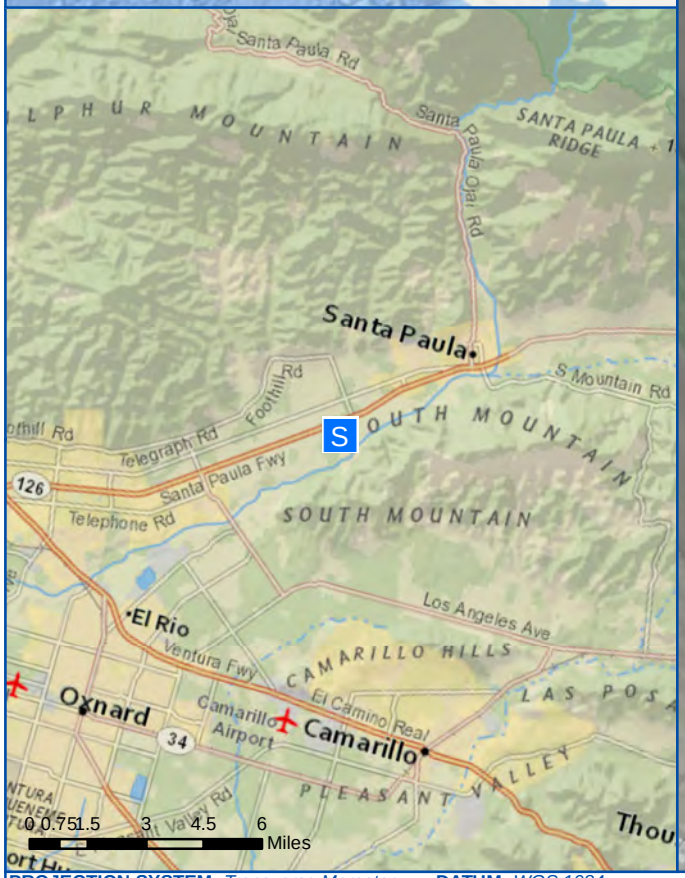
Graph | Table | Descriptive | Daily | **Hourly** | Customize



Site Location

Santa Paula, CA - Waste Water Treatment Plant Fire Response

Project: 106846
Client: Patriot Environmental
City: Santa Paula, CA
County: Ventura



Legend

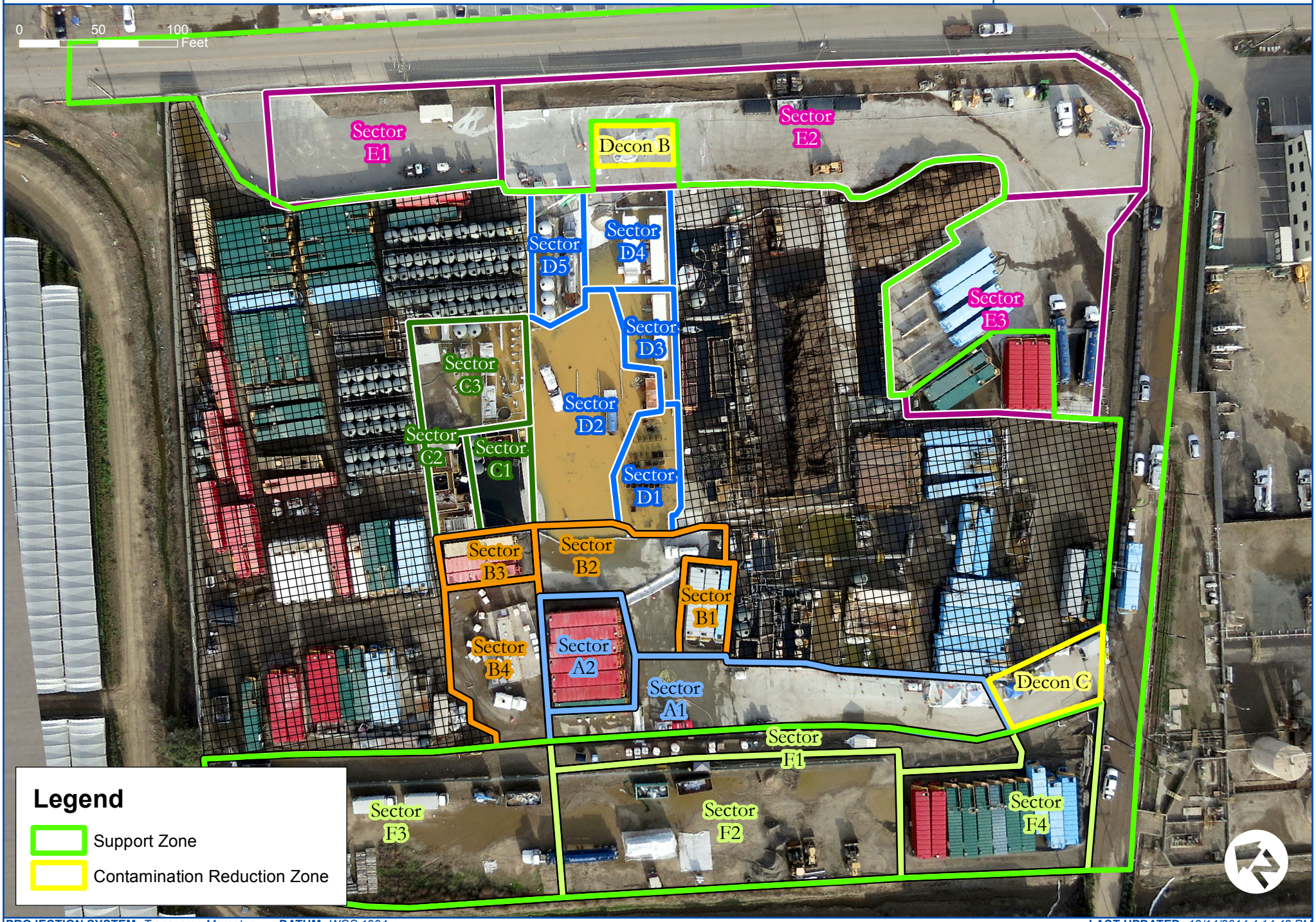
S Site Location

PROJECTION SYSTEM: *Transverse Mercator* **DATUM:** *WGS 1984* **LAST UPDATED:** *11/22/2014 5:08:20 PM*

Operational Boundaries for December 15, 2014

Mission Incident

Project: 106846
Client: Patriot Environmental
City: Santa Paula, CA
County: Ventura



PROJECTION SYSTEM: *Transverse Mercator* **DATUM:** *WGS 1984* **LAST UPDATED:** *12/14/2014 4:14:42 PM*

HEALTH AND SAFETY MESSAGE

SAFETY starts with ***YOU***

We are **ALL** accountable for **SAFE** behaviors

INCIDENT: **MISSION**	**DATE: November 22, 2014** **TIME: 0800-1800**

Narrative:

Don't let your guard down and pay strict attention to your overall objectives. Brief all those involved any time there is a deviation from the plan or dangerous situations. Ensure site safety plan is completed and the appropriate PPE is utilized for the task assigned. Stay alert and don't become complacent! Obey hazard control lines. Communicate and coordinate with all agencies involved with the plan. Drink plenty of water during your shift and pace yourself.

SAFETY PRACTICE AND PROCEDURES TO MINIMIZE RISK

- **ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT**
- **UTILIZE ALL PROTECTIVE EQUIPMENT**
- **KNOW YOUR ESCAPE ROUTES**
- **ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES**
- **DRINK LOTS OF WATER**
- **ESTABLISH AN AREA OF SAFE REFUGE**
- **ENSURE INJURED OR EXPOSED INDIVIDUALS ARE DECONTAMINATED PRIOR TO DEPARTURE FROM SITE**
- **MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES**
- **REPORT ALL ILLNESSES AND INJURIES TO YOUR SUPERVISOR**

Incident Safety Officer: Michael G Valley

Mission Incident Operations Plan

Operational Period: 24

Date: December 14, 2014 06:00 – December 15, 2014 06:00

Operation Description:

Task 1: Sampling of Site Materials from Totes On-Site

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Collect samples from accessible totes and 10% of each categorized group of frac tanks on-site. Analyze using HazCat methodology and other bench top testing procedures.	• 1 HazCat kit • 4 Technicians • pH and oxidizer strips. • HazMat ID	• Liquid splash, flash fire protection and respiratory protection • JHA prior to entrance • RIT Team • Fire suppression • Vitals check pre and post entry

Task 2: Storm Water Recovery Ops

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Vacuum rain water from pooled locations in F division	• 1 Driver • 1 Frac tank	• JHA prior to entrance

Task 3: Solidification

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Transport solidification agents to site and stockpile.	• Dumptrucks • Solidification agent • Thermal imaging camera	• Liquid splash, flash fire protection and respiratory protection • JHA prior to entrance • Fire suppression • RIT Team • Vitals check pre and post entry • Heavy Equipment movement • Monitor all saturated solids for reaction with thermal imaging camera
2.	Move material to pool with frontend loader and mix in pool with trackhoe.	• 2 operators • 2 technicians • Trackhoe • Frontend loader • Thermal imaging camera	
3.	Allow material to completely solidify and tighten for at least 12 hours then load into rolloff boxes.	• Rolloff boxes • Rolloff truck • Thermal imaging camera	

Approved as part of this IAP.

MISSION INCIDENT - Tentative Objective Completion Dates

Task		Days Total	Sat 13	Sun 14	Mon 15	Tue 16	Wed 17	Thu 18	Fri 19	Sat 20	Sun 21	Mon 22	Tue 23	Wed 24	Thu 25	Fri 26	Sat 27	Sun 28	Mon 29	Tue 30	Wed 31
			December																		
Complete application of sodium sulfite solution to all surfaces in D5	E	1																			
	A	1																			
Solidify pool and stockpile once solidified	E	7																			
	A																				
Containerize solidified waste in roll-off boxes	E	10																			
	A																				
Decontamination of two (2) 70-barrel vacuum trucks in D2	E	4																			
	A																				
Phase 1/2 of Tank and Tote Inventory Sampling and Analysis Plan - visual assessment of tanks on site and tank grouping	E	3																			
	A	2																			
Phase 3 of Tank and Tote Inventory Sampling and Analysis Plan - HazCat 10% of tanks from each tank group	E	2																			
	A																				
Phase 4 of Tank and Tote Inventory Sampling and Analysis Plan - Collect analytical sample from each tank group	E	2																			
	A																				

Break for Holidays
Estimated
Actual

MISSION INCIDENT - Tentative Objective Completion Dates

Task		Days Total	January																		
			Thu 1	Fri 2	Sat 3	Sun 4	Mon 5	Tue 6	Wed 7	Thu 8	Fri 9	Sat 10	Sun 11	Mon 12	Tue 13	Wed 14	Thu 15	Fri 16	Sat 17	Sun 18	Mon 19
Containerize solidified waste in roll-off boxes	E	10																			
	A																				
Decontamination of two (2) 70-barrel vacuum trucks in D2	E	4																			
	A																				
Decontamination of source 120-barrel vacuum truck in D5	E	2																			
	A																				
Decontamination of C1, C2, C3, D1, D2, D3, D4, and D5	E	7																			
	A																				
Application of sodium sulfite solution underneath frac tanks in B1, A2, and B3	E	4																			
	A																				
	E																				
	A																				
	E																				
	A																				

Estimated

Actual