Incident Action Plan

MISSION INCIDENT

11/18/2014

Santa Paula, California

©CTEH

Operational Period #38

01/07 06:00 PST - 01/08 06:00 PST

©CTEH

Incident Action Plan

Incident:	MISSION INCIDENT	Prepared By:	Ashley Reardon
Period:	#38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST	Version Name:	P038V01 DRAFT

Approved By

Organization	Name	Signature
USEPA	Martin Powell	
Ventura County EHD	Craig Cooper	
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

 ©CTEH

Incident Action Plan

		☐	Incident Critique

 ©CTEH

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC

ICS 202: Incident Objectives

Incident:	MISSION INCIDENT	Prepared By:	Ashley Reardon
Period:	#38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST	Version Name:	01/06/2015 17:44 PST

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

Continue pressure washing B2, C1, C2, C3, D1, D2, D3, and D5
Stage and berm totes in sector E4 east of C gate
HAZCAT sample and consolidate material from guzzler staged in F3
Solidify pool in D2 as needed
Removal of Engine 26 from site
Maintain roll-offs and contaminate PPE from Decon areas
Maintain 24-hr air monitoring
Maintain security around the site to preserve site integrity
Maintain Air Ops
Swipe testing and wipe sampling as needed

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

 ©CTEH

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST
Branch:		Division / Group:	Suppression
Prepared By:	Ashley Reardon	Version Name:	01/06/2015 17:45 PST
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.
Dust control.

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.

 ©CTEH

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST
Branch:		Division / Group:	Planning
Prepared By:	Ashley Reardon	Version Name:	01/06/2015 17:45 PST
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

 ©CTEH

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST
Branch:		Division / Group:	Site Stabilization/Decon Team
Prepared By:	Ashley Reardon	Version Name:	01/06/2015 17:48 PST
Unit:	SITE STABILIZATION TEAM		

Tactical Objective

Mitigate surfaces in accordance with the Release Area Stabilization Plan as assigned and provide decontamination processes in accordance with job hazard analysis and/or verbal direction.

Assignments

Continue pressure washing B2, C1, C2, C3, D1, D2, D3, and D5
Stage and berm totes in E4 east of C gate
Consolidate material from guzzler staged in F3
Solidify pool in D2 as needed

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
SITE STABILIZATION Task Force	Rocky Schwarz	11	909-217-2028	Entrants/ Operators/ Spotters/Decon
SITE STABILIZATION Support		3		Logistics/Traffic Control

Assignment Progress and Issues

Location of Work

On-site

 ©CTEH

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST
Branch:		Division / Group:	Environmental
Prepared By:	Ashley Reardon	Version Name:	01/06/2015 17:49 PST
Unit:	ENVIRONMENTAL HEALTH		

Tactical Objective

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

Assignments

Continue air monitoring around site perimeter
Provide site stabilization/decon team with post-stabilization swipe assessments and wipe sampling as needed
Provide site stabilization/decon team with air monitoring support
Document and track all waste on-site
HAZCAT sample material from guzzler staged in F3

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
On-Site Air Monitoring	Wesley Killingsworth	3	501-952-0343	
Air Monitoring - Perimeter (Days)	Eric Simon	1	501-351-8035	
Air Monitoring - Perimeter (Nights)	Lani Dorow	1	719-749-6171	
Waste Tracking	Elbie Cannon	2	510-593-0879	

Assignment Progress and Issues

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

Location of Work

On-site as desginated by Operations.

 ©CTEH

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH,LLC

ICS 205: Communication Plan

Incident: MISSION INCIDENT	Prepared By: Ashley Reardon
Period: #38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST	Version Name: 01/06/2015 15:17 PST

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	
Ashley Reardon	Planning Section Chief	501-247-6691	☐	areardon@cteh.com	
Ben Castellana	START	818-371-5388	☐	ben.castellana@westonsolutions.com	
Brad Houchin	Site Safety Officer	805-234-3523	☐	bradhouchin@hotmail.com	
Chris Sigala	Security Unit Lead	805-620-2598	☐		
Craig Cooper	Ventura County EHD	805-654-2127	☐	craig.cooper@ventura.org	
Dave Mosley	Operations Section Chief	661-340-7177	☐	dmosley@patriotenvironmental.com	
David Ramos	Finance Section Chief	805-755-3300	☐	dramos@patriotenvironmental.com	
Don Warren	Operations Deputy Section Chief	601-278-7814	☐	dwarren@cteh.com	
Jason Guzman	RP Incident Commander	805-755-3322	☐	jguzman@patriotenvironmental.com	
Josh Bailey	SITE STABILIZATION	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	
Mario Pena	Staging Area Unit Lead	805-755-3741	☐		
Mark Miller	Transportation Supervisor	562-244-1929	☐		
Martin Powell	FOSC (Current)	562-760-7028	☐	powell.martin@epa.gov	
Mike Sokoloff	Fire Suppression Team Lead	818-414-1980	☐		
Phil Baker	Air Ops Lead	501-515-1228	☐	pbaker@cteh.com	
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	☐		
Robert Wilkinson	Environmental Sampling Branch Manager	713-205-3856	☐	rwilkinson@cteh.com	
Rocky Schwartz	SITE STABILIZATION TASK FORCE Lead	909-217-2028	☐		
Wesley Killingsworth	Air Monitoring Lead	501-952-0343	☐	wkillingsworth@cteh.com	
Will Canto	Disposal Branch Director	562-244-5108	☐	wcanto@patriotenvironmental.com	

Additional Comments

 ©CTEH

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH,LLC

ICS 206: Medical Plan

Incident: MISSION INCIDENT	Prepared By: Ashley Reardon
Period: #38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST	Version Name: 01/06/2015 15:04 PST

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

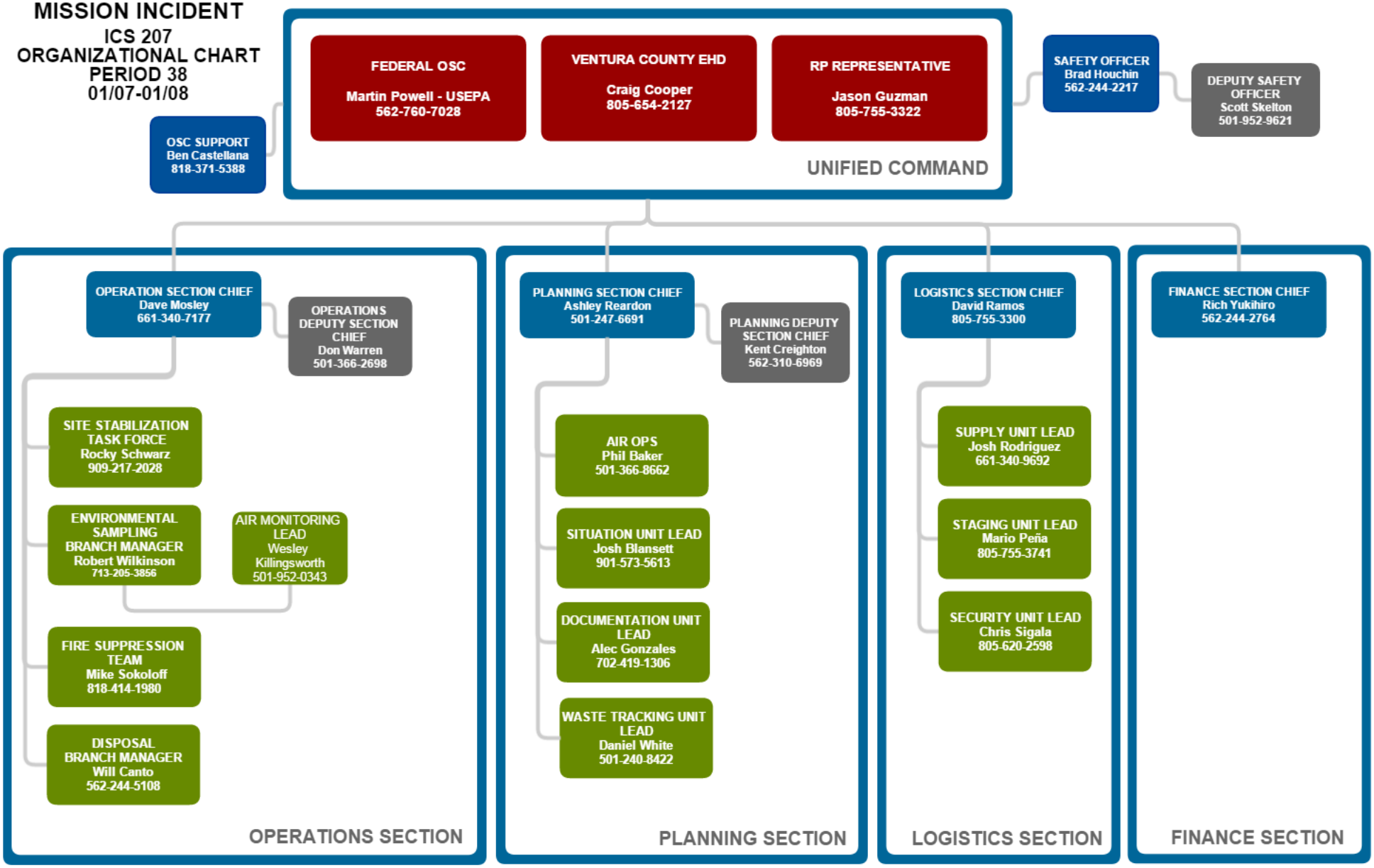
Name	Location	Burn Center	Helipad	Phone	Radio
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500	
Los Robles Hospital - 32min	215 W Janss, THousand Oaks, CA	No	No	805-497-2727	
Santa Paula Hospital - 8min	825 N 10th st, Santa Paula, CA	No	Yes	805-933-8600	
VCMC - 15min	3291 Loma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

 ©CTEH

MISSION INCIDENT
ICS 207
ORGANIZATIONAL CHART
PERIOD 38
01/07-01/08



CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC

ICS 230: Daily Meeting Schedule

Incident:	MISSION INCIDENT	Prepared By:	Ashley Reardon
Period:	#38: 01/07/2015 06:00 PST - 01/08/2015 06:00 PST	Version Name:	01/06/2015 15:06 PST

Meetings

Meeting Name	Date / Time	Purpose	Attendees	Location
Operations/Safety Briefing	01/07/2014 07:00 PST		All hands	
Operations Briefing/ Planning	01/07/2014 17:00 PST		Command Staff	

 ©CTEH

iPad 4:46 PM 46%
wunderground.com

Santa Paula Airport | Change Station

Elev **245** ft **34.35** °N, **119.06** °W | Updated 3 min ago

Radar | Satellite | Webcams | WunderMap | Nexrad

79.4 °F

Clear

Feels Like **78** °F

N **13.0**

Wind from **ENE**
Gusts **13.0** mph

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

Today
High **82** | Low **59** °F
0% Chance of Precip.

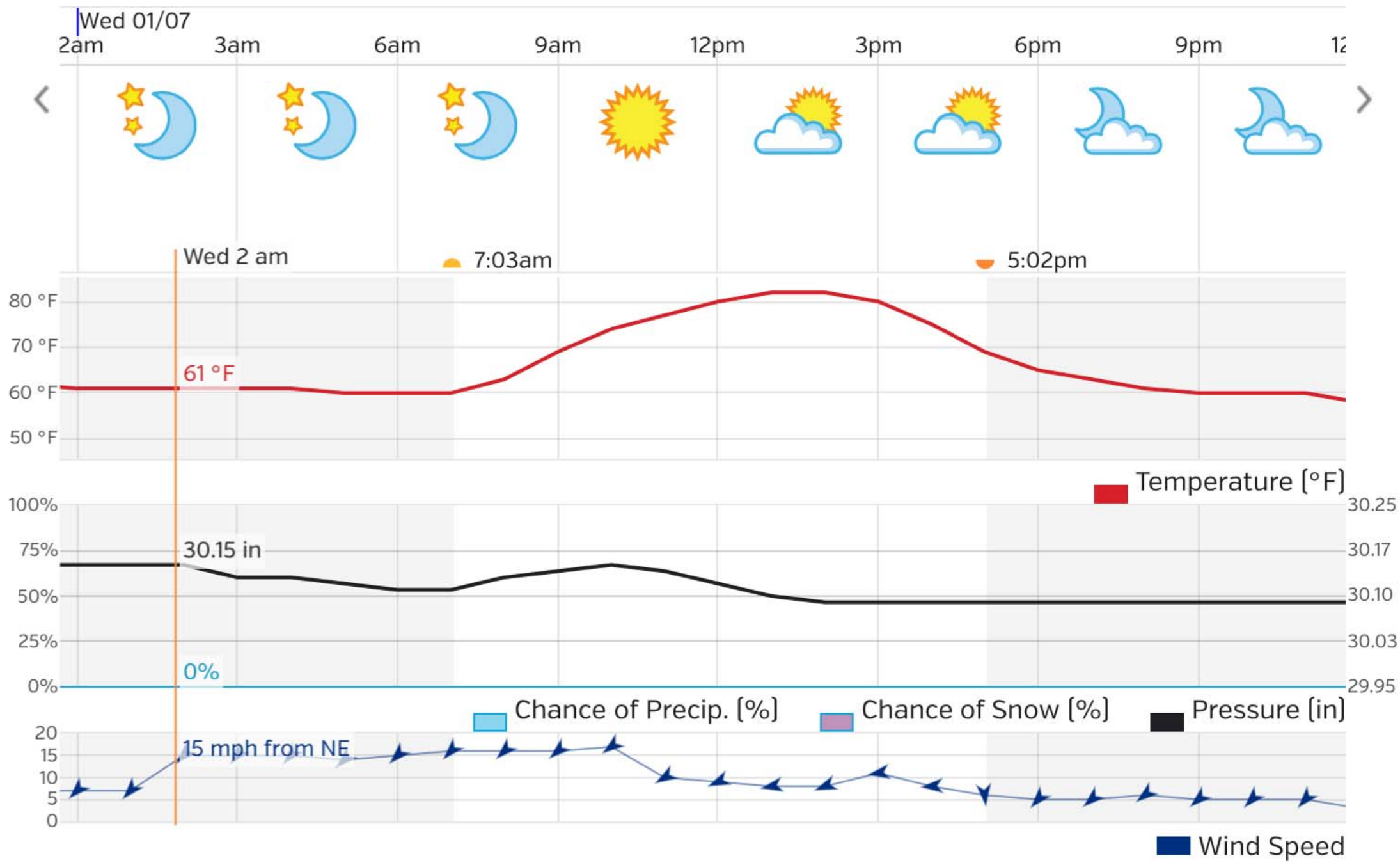
Yesterday
High **80.2** | Low **48.5** °F
Precip. **0** in

Sun & Moon
7:03 am 5:01 pm **Full, 97**% visible

More Conditions

10-Day Weather Forecast

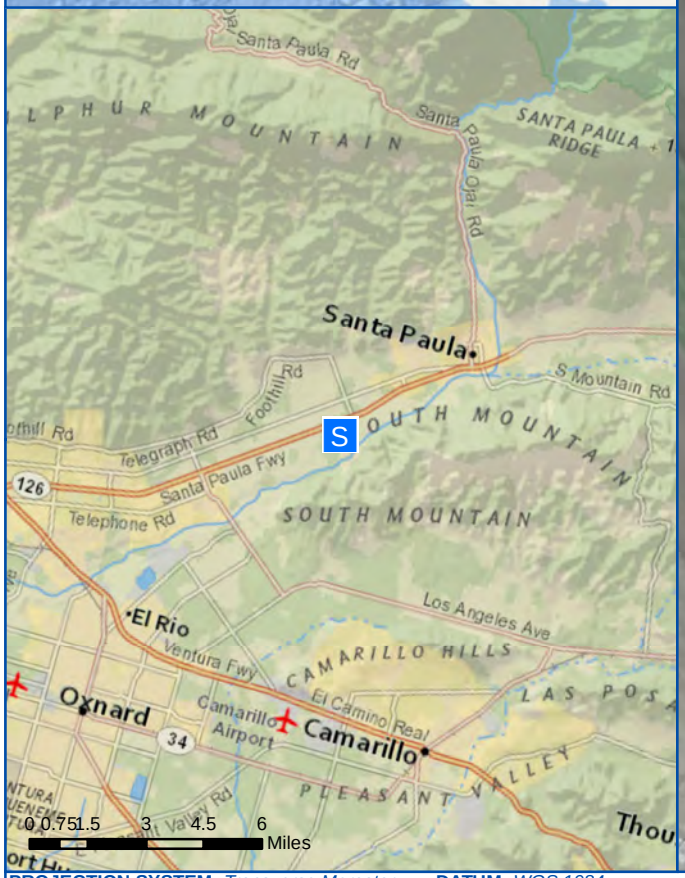
Graph | Table | Descriptive | Daily | **Hourly** | Customize



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*

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: 38

Date: January 7, 2014 06:00 – January 8, 2014 06:00

Operation Description:

Task 1: Pressure washing of B2, C1, C3, D1, D2, D3 and D5.

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Pressure wash from the outside of the sectors moving in towards the center of the facility.	• 4 Technicians • 1 air monitor • 1 Pressure washer	• Liquid splash, flash fire protection and respiratory protection • JHA prior to entrance • RIT Team • Fire suppression • Vitals check pre and post entry

Task 2: Solidification

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Utilize an excavator to apply solidification media to liquids in D2 until solidification is reached.	• Dumptrucks • Solidification agent • Thermal imaging camera	• Liquid splash protection, unless operating equipment, and respiratory protection • JHA prior to entrance • Fire suppression • RIT Team • Heavy Equipment movement • Monitor all saturated solids for reaction with thermal imaging camera

Task 3: Relocate totes to staging south west of E3

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Move totes with forklift	• 2 Technicians • 1 Operator • Forklift	• General • Level D PPE • Level C PPE if necessary • JHA prior to entrance
2.	Build berm around totes		

Task 4: HAZCAT sample and consolidate contents from Patriot guzzler

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Remove contents and place in roll-off box.	• 2 Technicians • 1 Operator • 1 Loader • 1 Air monitors	• Liquid splash, flash fire, supplied air respiratory protection • JHA prior to entry • RIT team • Air monitoring
2.	Pressure wash		
3.	Swipe test external surfaces		

Task 5: Dust control

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Use water truck to spray water on-site and adjacent streets. Use fire hire hose as needed.	• 1 Driver • 1 Water Truck	• General • Level D PPE

Task 6: Removal of Engine 26 from site

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Directing traffic for loading operations of Engine 26.	• 2 technicians	• General • Level D PPE

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/stockpile solidified waste in roll-off boxes	E	10																			
	A																				
Removal, solidification, and decontamination of two (2) 70-barrel vacuum trucks in D2	E	4																			
	A	4																			
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	2																			
Phase 4 of Tank and Tote Inventory Sampling and Analysis Plan - Collect analytical sample from each tank group	E	2																			
	A	2																			

Break for Holidays
Estimated
Actual

MISSION INCIDENT - Tentative Objective Completion Dates

Task		Days Total	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
			January																		
Containerize/stockpile solidified waste in roll-off boxes	E	10																			
	A																				
Removal, solidification, and decontamination of two (2) 70-barrel vacuum trucks in D2	E	4																			
	A	4																			
Decontamination of source 120-barrel vacuum truck in E2	E	2																			
	A	2																			
Decontamination of C1, C2, C3, D1, D2, D3, D4, and D5	E	7																			
	A																				
Soil sampling per Soil Sampling Analysis Plan	E	4																			
	A																				
Clean and sample under most NE frac tank in A2	E	4																			
	A																				
Tote segregation	E	1																			
	A																				

Estimated

Actual