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CONTRA COSTA  
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 www.cchealth.org/hazmat/

**COMPLAINT, INCIDENT, AND NOTIFICATION REPORT FORM**

Type (Circle One):  C  I  N

CASE NUMBER: 210209 - 02

Received Date: 02/09/21 Received Time: 3:30 PM Received By: HW Lead: XB  
 Incident Date: 02/09/21 Incident Time: Assigned to: Assigned Date:

**COMPLAINANT / REPORTING PARTY:**  
 Name: SERGIO BRISENO  RP is from Facility  Anonymous  
 Organization: CHEVRON RICHMOND REFINERY Cal OES # (if applicable) 21-0762  
 Primary Phone Number: 510-242-5050 Secondary Phone Number:  
 Email:  
 Address:  
 City: State: Zip Code:

**FACILITY / LOCATION OF INCIDENT:**  
 Name: CHEVRON RICHMOND REFINERY CUPA Facility I.D.:  
 Phone Number:  
 Address: 841 CHEVRON WAY Unit:  
 City: RICHMOND State: CA Zip Code: 94801  
 Location Description:

**INITIAL INCIDENT DESCRIPTION:**  
 RP states a pipeline is leaking approx 5 gallons a minute. Unknown what caused the spill, they are currently trying to mitigate the leak. Has not been stopped and is not contained with waterways impacted.

**INCIDENT TYPE / DESCRIPTION:**  
 Community Warning System Level (Circle Highest Level):  N/A  0  1  2  3

FACILITY	ISO / MCAR	TRANSPORTATION	MISCELLANEOUS
<input type="checkbox"/> Fire or Explosion <input checked="" type="checkbox"/> Spill or Release <input type="checkbox"/> Startup or Shutdown <input type="checkbox"/> Flaring <input type="checkbox"/> Upset	<input type="checkbox"/> Fatality (one or more) <input type="checkbox"/> > 24 hrs. Hospital, 3 or more people <input type="checkbox"/> Flammable Vapor Cloud > 5,000 lbs.	<input type="checkbox"/> Tank Truck <input type="checkbox"/> Railroad <input checked="" type="checkbox"/> On Water <input type="checkbox"/> Pipeline <input type="checkbox"/> Fuel Tank	<input type="checkbox"/> Storm Drain/Creek <input type="checkbox"/> Drug Lab <input type="checkbox"/> Disposal/Abandonment <input type="checkbox"/> Odor Complaint <input type="checkbox"/> Other:

Time Enroute to Scene: Time Arrived On Scene: Time Departed From Scene:

**REFERRED TO OTHER AGENCY:**



<b>DTSC STATE FUNDING (if applicable):</b> CLU/ERER Number:	<b>STORMWATER STATUS (if applicable):</b> <input type="checkbox"/> Actual Discharge <input type="checkbox"/> Potential Discharge
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**AGENCIES ON SCENE OR NOTIFIED:**

<u>Agency Type</u>	<u>Agency</u>	<u>O/N</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>Case Number</u>
Fire Department	Richmond Fire Department	<input type="radio"/>			
Law Enforcement	Richmond Police Department	<input type="radio"/>			
Air District	Bay Area Air Quality Management District	<input type="radio"/>			
State OES	CalOSHA	<input type="radio"/>			
California Fish and Wildlife	Office of Spill Prevention and Response	<input type="radio"/>			
federal government	United States Coast Guard	<input type="radio"/>			

**REPORT:**

Contra Costa Health Services Hazardous Materials Programs (CCHSHMP) first received a phone notification from Chevron at approximately 15:30. The caller stated that Chevron had an oil pipe breach. The release was into the bay and the release was contained. 72 Hour Report was requested.

At 15:43 Chevron sent a Level 2 notification. Oil spill was not contained and was reported to be causing out site impacts. Odors, a sheen on the water and beach was reported.

At 15:44 CCHS sent out a Public Health Advisory.

CCHSHMP responded. Haz Mat team was mobilized at 15:46. SH was sent out to conduct air monitoring outside of the refinery. MK, SD and DL were sent to Chevron refinery to the Incident Command Port (ICP). MPD coordinated with the Office of Spill Prevention and Response (OSPR) on the telephone. XB, TJ, MD, KA, LF and HW set up the Branch Operations Center (BOC) to oversee the response and to dispatch additional air monitoring resources if needed. Additional air monitoring resources from CCHSHMP weren't needed. Chevron sent out a team to help with off site air monitoring.

Leak was reported to been stopped at 16:54. CCHSHMP air monitoring continued.

CCHS approved lifting the Public Heath Advisory at 20:20. CCHSHMP starting demobilizing Haz Mat team. CCHSHMP began the cessation of community air monitoring and reduced the CCHSHMP staff at the ICP to one. DL was assigned to continue to work with Chevron through the clean up process. Clean up is expected to continue for several more days. Details of this process should be included in the 72 Hour and 30 Day reports.

Additional Required Items: Bill of Lading, Request for Invoice, and Site Safety Plan

Report Prepared by: XB

[EXTERNAL] Hazardous Materials Spill Update: Cal OES Control #:21-0762

Warning Center <Warning.Center@oes.ca.gov>

Tue 2021-02-09 4:01 PM

To: ccchazmat <ccchazmat@cchealth.org>

Governor's Office of Emergency Services  
Hazardous Materials Spill Update

CONTROL #: 21-0762      NRC#: 1297669

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NOTIFY DATE/TIME: 02/09/2021 / 1525

RECEIVED BY: Diego Navarro      |      OCCURENCE DATE/TIME:2/9/2021 / 1507

CITY/OP. AREA: Richmond/Contra Costa County

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1.a. PERSON NOTIFYING Cal OES

PERSON CALLING Cal OES: Sergio Moreno      |      AGENCY: Chevron Refinery

PHONE #: 510-242-5050      |      EXT:      |      PAGER #(CELLPHONE):

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1.b. PERSON REPORTING SPILL (If different from above):

PERSON CALLING Cal OES:      |      AGENCY:

PHONE #:      |      EXT:      |      PAGER #(CELLPHONE):

---

SUBSTANCE TYPE:

a. SUBSTANCE: / b.QTY: Amount / Measure / c. TYPE / d. OTHER / e. Pipeline / f. Vessel Over => 300 tons

1. Mixture of recovered Oil and gasoline / 100 / Gal(s) / PETROLEUM / /

No / No

2.

3.

4.

Original Description: RP states a pipeline is leaking approx 5 gallons a minute. Unknown what caused the spill, they are currently trying to mitigate the leak. Has not been stopped and is not contained with waterways impacted (San Francisco Bay).

Update(s):

PERSON NOTIFYING CAL OES OF SPILL UPDATE:

NAME: Christine Volker | AGENCY: Private Citizen

PHONE #: 510-928-5134 | EXT: | PAGER #(CELLPHONE):

UPDATE QUANTITY:

- 1. Amount: Gall(s)
- 2. Amount:
- 3. Amount:
- 4. Amount:

UPDATE RECEIVED BY: Justin Christiansen

UPDATE KNOWN IMPACT:

UPDATE CAUSE:

SITUATION UPDATE: New NRC report # 1297670 is related to spill report #21-0762 and NRC # 1297669

FAX NOTIFICATION LIST: AA/CUPA, DTSC, RWQCB, US EPA, USFWS,  
 DFG-OSPR, Cal GEM, COASTAL COM, CDPH-D.O., EB PARKS, LANDS, PARKS & REC,  
 USCG, Co/WP, Co/Hlth, Co/E-Hlth  
 ADMINISTERING AGENCY: Contra Costa County Health Services Department  
 SECONDARY AGENCY:

OTHER NOTIFIED: NRC

Created by Warning Center on 2/9/2021 3:55:22 PM  
Modified by Warning Center on 2/9/2021 4:01:30 PM

Last

California State Warning Center  
Governor's Office of Emergency Services  
Phone: (916) 845-8911  
Warning.Center@oes.ca.gov

**Alexandra McMullen**

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**From:** Warning Center <Warning.Center@oes.ca.gov>  
**Sent:** Friday, February 12, 2021 5:11 PM  
**To:** ccchazmat  
**Subject:** [EXTERNAL] Hazardous Materials Spill Update: Cal OES Control #:21-0762

Governor's Office of Emergency Services  
Hazardous Materials Spill Update  
CONTROL #: 21-0762      NRC#: 1297669

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NOTIFY DATE/TIME: 02/09/2021 / 1525  
RECEIVED BY: Diego Navarro | OCCURENCE DATE/TIME:2/9/2021 /  
1507  
CITY/OP. AREA: Richmond/Contra Costa County

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1.a. PERSON NOTIFYING Cal OES  
PERSON CALLING Cal OES: Sergio Briseno | AGENCY: Chevron  
Refinery  
PHONE #: 510-242-5050 | EXT: | PAGER #(CELLPHONE):

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1.b. PERSON REPORTING SPILL (If different from above):  
PERSON CALLING Cal OES: | AGENCY:  
PHONE #: | EXT: | PAGER #(CELLPHONE):

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SUBSTANCE TYPE:  
a. SUBSTANCE: / b.QTY: Amount / Measure / c. TYPE / d. OTHER / e.  
Pipeline / f. Vessel Over => 300 tons  
1. Mixture of recovered Oil and gasoline / 100 / Gal(s) / PETROLEUM / / Yes / No

-----  
2.

-----  
3.

-----  
4.

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Original Description: RP states a pipeline is leaking approx 5 gallons a minute. Unknown what caused the spill, they are currently trying to mitigate the leak. Has not been stopped and is not contained with waterways impacted (San Francisco Bay).

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Update(s): 02/09/2021 03:55:22 PM - New NRC report # 1297670 is related to spill report #21-0762 and NRC # 1297669 ; 02/12/2021 01:41:59 PM - The OES received an additional NRC update for the release. Per NRC # 1297880: /// UPDATE

TO REPORT # 1297669 /// UPDATE IS AS FOLLOWS: AMOUNT DISCHARGED IS BETWEEN 500 AND 750 GALLONS, INTO SAN FRANCISCO BAY.

ORIGINAL REPORT READS: MIXTURE OF BUNKER FUEL AND GASOLINE IS DISCHARGING FROM A PIPELINE, THAT SITS ON THE WHARF, DUE TO AN UNKNOWN CAUSE AT THIS TIME.

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PERSON NOTIFYING Cal OES OF SPILL UPDATE:

NAME: XXX | AGENCY: NRC

PHONE #: 1-800-424-8802 | EXT: | PAGER #(CELLPHONE):

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UPDATE QUANTITY:

1. Amount: 500-750 Gal(s)
2. Amount:
3. Amount:
4. Amount:

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UPDATE RECEIVED BY: Josh Gleason

UPDATE KNOWN IMPACT:

UPDATE CAUSE:

SITUATION UPDATE: The OES received an additional NRC update for the release. Per NRC # 1297880: /// UPDATE TO REPORT # 1297669 /// UPDATE IS AS FOLLOWS: AMOUNT DISCHARGED IS BETWEEN 500 AND 750 GALLONS, INTO SAN FRANCISCO BAY.

ORIGINAL REPORT READS: MIXTURE OF BUNKER FUEL AND GASOLINE IS DISCHARGING FROM A PIPELINE, THAT SITS ON THE WHARF, DUE TO AN UNKNOWN CAUSE AT THIS TIME.

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FAX NOTIFICATION LIST: AA/CUPA, DTSC, RWQCB, US EPA, USFWS, DFG-OSPR, Cal GEM, COASTAL COM, CDPH-D.O., EB PARKS, LANDS, PARKS & REC, USCG, Co/WP, Co/Hlth, Co/E-Hlth  
ADMINISTERING AGENCY: Contra Costa County Health Services Department SECONDARY AGENCY:  
OTHER NOTIFIED: NRC

Created by Warning Center on 2/12/2021 1:41:59 PM  
Modified by Warning Center on 2/12/2021 5:10:46 PM

Last

California State Warning Center  
Governor's Office of Emergency Services  
Phone: (916) 845-8911  
Warning.Center@oes.ca.gov

Link to spill report:



## **OSPR Liaison Update #1**

UPDATE: 2/9/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Location: Richmond, CA (Contra Costa County)

Product details: Petroleum

### **INCIDENT UPDATE**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported a petroleum leak from a pipeline at the Richmond Long Wharf. The caller estimated that the pipeline was leaking at a rate of approximately 5 gallons per minute, and the initial report estimated that 100 gallons had been spilled. The leak has been stopped but the petroleum has not yet been contained.

Contra Costa County Health Services Department is on scene conducting air monitoring, and a Level 2 warning has been issued for residents of Richmond, North Richmond, and San Pablo. The warning is posted to the Contra Costa County Community Warning System at <https://cwsalerts.com>.

A sheen has been observed in San Pablo Bay and there are unconfirmed reports of petroleum on the shoreline. OSPR's Field Response Team has mobilized to the scene to manage the incident in coordination with other responding agencies. An initial incident command post has been established at the Richmond Long Wharf and a full assessment of environmental impacts will be conducted. OSPR is also standing up a Liaison to manage agency and stakeholder concerns, and an OSPR Public Information Officer is en route to the scene. MSRC, an oil spill response organization, is also on-scene to assist with containment and recovery efforts.

### **WILDLIFE IMPACTS**

While no oiled animals have been reported at this time, the Oiled Wildlife Care Network (OWCN) has been notified. Anyone observing oiled wildlife should not attempt to capture it. Instead, please report any observations of oiled wildlife to OWCN at 1-877-UCD-OWCN (1-800-823-6926).

The California Office of Environmental Health and Hazard Assessment is currently assessing a fisheries closure for the affected area.

Media inquiries can be directed to the Office of Spill Prevention and Response Public Information Officer Eric Laughlin at 916-214-3279. More information will be shared when it becomes available.





## **Liaison Update #2**

UPDATE: 2/10/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Wednesday, February 10, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Petroleum

### **INCIDENT UPDATE**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported a gasoline leak from a pipeline at the Richmond Long Wharf. The caller estimated that the pipeline was leaking at a rate of approximately 5 gallons per minute. The leak has been stopped and containment efforts are under way.

A Unified Command comprised of representatives of the United States Coast Guard (USCG), CDFW-OSPR, Contra Costa County Health Services Department, and Chevron has been established. The initial incident command post established on the Richmond Long Wharf on Tuesday was moved to the Chevron Refinery Cafeteria this morning.

Marine Spill Response Corporation (MSRC), an oil spill response organization, is on-scene conducting containment and recovery efforts. Approximately 1200' of containment boom and 600' of deflection boom have been deployed.

The Level 2 warning that was issued to nearby residents on Tuesday afternoon was lifted at about 8:30 pm on Tuesday. The Unified Command continues to conduct air monitoring along the waterfront.

### **ENVIRONMENTAL IMPACTS**

A sheen was observed in San Pablo Bay on Tuesday and USCG conducted an overflight at 7:05 am on Wednesday to assess the extent of the sheen. Shoreline Cleanup Assessment Teams (SCAT) also began conducting shoreline surveys at 7:00 am this morning to assess shoreline impacts. Keller Beach has been closed, and the Richmond Police Department is securing the area. At this time, there have been no impacts to the beach. Field crews continue to monitor the area for impacted shorelines.

The California Office of Environmental Health and Hazard Assessment is currently assessing a fisheries closure for the affected area.

#### **WILDLIFE IMPACTS**

There have been no reports of wildlife impacts at this time. The Oiled Wildlife Care Network (OWCN) sent teams out Wednesday morning to perform reconnaissance efforts and recover any observed wildlife. Anyone observing oiled wildlife should not attempt to capture it. Instead, please report any observations of oiled wildlife to OWCN at 1-877-UCD-OWCN (1-800-823-6926).

#### **VOLUNTEERS**

The Unified Command has requested the formation of a Volunteer Unit to evaluate the use of volunteers. No volunteers have been requested at this time.

#### **INVESTIGATION**

OSPR is conducting an investigation into the cause of the leak.

#### **MEDIA**

A joint information center (JIC) has been established with representatives of USCG, CDFW-OSPR, Contra Costa Health Services Department, and Chevron.

Media inquiries can be directed to CDFW-OSPR Public Information Officer Eric Laughlin at 916-214-3279. More information will be shared when it becomes available.



### **Liaison Update #3**

UPDATE: 2/10/2021

**OES Report #21-0762; NRC Report #1297669**

#### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Petroleum

#### **INCIDENT UPDATE**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported a petroleum leak from a pipeline at the Richmond Long Wharf. The caller estimated that the pipeline was leaking at a rate of approximately 5 gallons per minute. The leak was stopped at approximately 4:30 pm on Tuesday. Laboratory analysis and technical review indicate that approximately 504-756 gallons of low sulfur diesel fuel and flush water mix were released. Cleanup and recovery efforts are ongoing.

A Unified Command comprised of representatives of the United States Coast Guard (USCG), CDFW-OSPR, Contra Costa County Health Services Department, and Chevron was established Wednesday morning. The initial incident command post on the Richmond Long Wharf on Tuesday was moved to the Chevron Refinery Cafeteria this morning.

Marine Spill Response Corporation (MSRC), an oil spill response organization, is on scene conducting sensitive site protection as well as containment and recovery efforts. The environmentally sensitive sites at the Richmond Eelgrass beds (site 2-452) and on the southern side of Brooks Island (site 2-453) were successfully boomed using a total of 3600' and 2550' of boom, respectively, to protect the shorelines. An additional 600' of containment boom remains deployed around the Richmond Long Wharf and 1200' of deflection boom has been utilized to assist with product recovery. Product is being recovered using absorbent booms. See Figure 1 for the Situation Status map as of 5:00 pm on Wednesday, February 10.

A virtual briefing for agencies and elected officials was held on Wednesday afternoon, with over 100 representatives participating.

## **SAFETY**

Comprehensive COVID-19 protocols have been developed for both field operations and the incident command post. Precautions include pre-screening prior to entry, thermal scanning, face coverings, disinfecting supplies, optimized ventilation, food-handling, workspace distancing and signage, and encouragement of outdoor meetings and meals. The Safety Officer evaluated work crew needs and encouraged virtual engagement of subject matter experts to minimize occupancy in the incident command post.

USCG has been broadcasting a marine safety information bulletin (MSIB) hourly through VHF channel 16 to ensure that mariners avoid the impacted area while cleanup operations are under way.

The Level 2 community warning that was issued to nearby residents on Tuesday afternoon was lifted at 9:00 pm on Tuesday. The Unified Command continues to conduct air monitoring along the waterfront. For additional concerns regarding public health, please check the County Health Alerts at <https://cchealth.org>.

## **ENVIRONMENTAL IMPACTS**

A sheen was observed in San Pablo Bay on Tuesday and USCG conducted an overflight at 7:05 am on Wednesday to assess the extent of the sheen. Shoreline Cleanup Assessment Teams (SCAT) have conducted surveys to assess shoreline impacts from Pt. Molate to Pt. Richmond. Shoreline impacts were observed at Saltwater Station private beach, southeast of the Richmond Long Wharf near Ocean Drive and Western Drive. A Shoreline Task Force has been formed to conduct cleanup operations on the affected shoreline and public access to the area is closed.

Other than at Saltwater Station, there have been no observations of shoreline impacts during SCAT surveys or overflights. Keller Beach remains closed, but the rest of the Miller-Knox Regional Shoreline park is open. At this time, there have been no impacts to the beach.

The California Office of Environmental Health and Hazard Assessment determined that no fisheries closure is warranted in response to this incident. Representatives of CDFW-OSPR's Natural Resources Damages Assessment (NRDA) unit conducted sampling efforts on Wednesday to assess any potential injuries to species and habitats due to the incident.

## **WILDLIFE IMPACTS**

There have been no reports of wildlife impacts at this time. The Oiled Wildlife Care Network (OWCN) deployed two recovery teams at first light on Wednesday to search for and recover any oiled wildlife by boat. Additionally, a reconnaissance team was deployed to search outside of the affected area for any wildlife that may have become oiled and traveled outside the area. Anyone observing oiled wildlife should not attempt to capture it. Instead, please report any observations of oiled wildlife to OWCN at 1-877-UCD-OWCN (1-800-823-6926).

## VOLUNTEERS

The Unified Command evaluated the use of volunteers, and none have been requested at this time. A Volunteer Plan has been approved by the Unified Command and pre-trained volunteers from the Community Emergency Response Team (CERT) would be utilized if needed. For more information on volunteer use, please call the Volunteer Hotline at 1-800-228-4544.

## INVESTIGATION

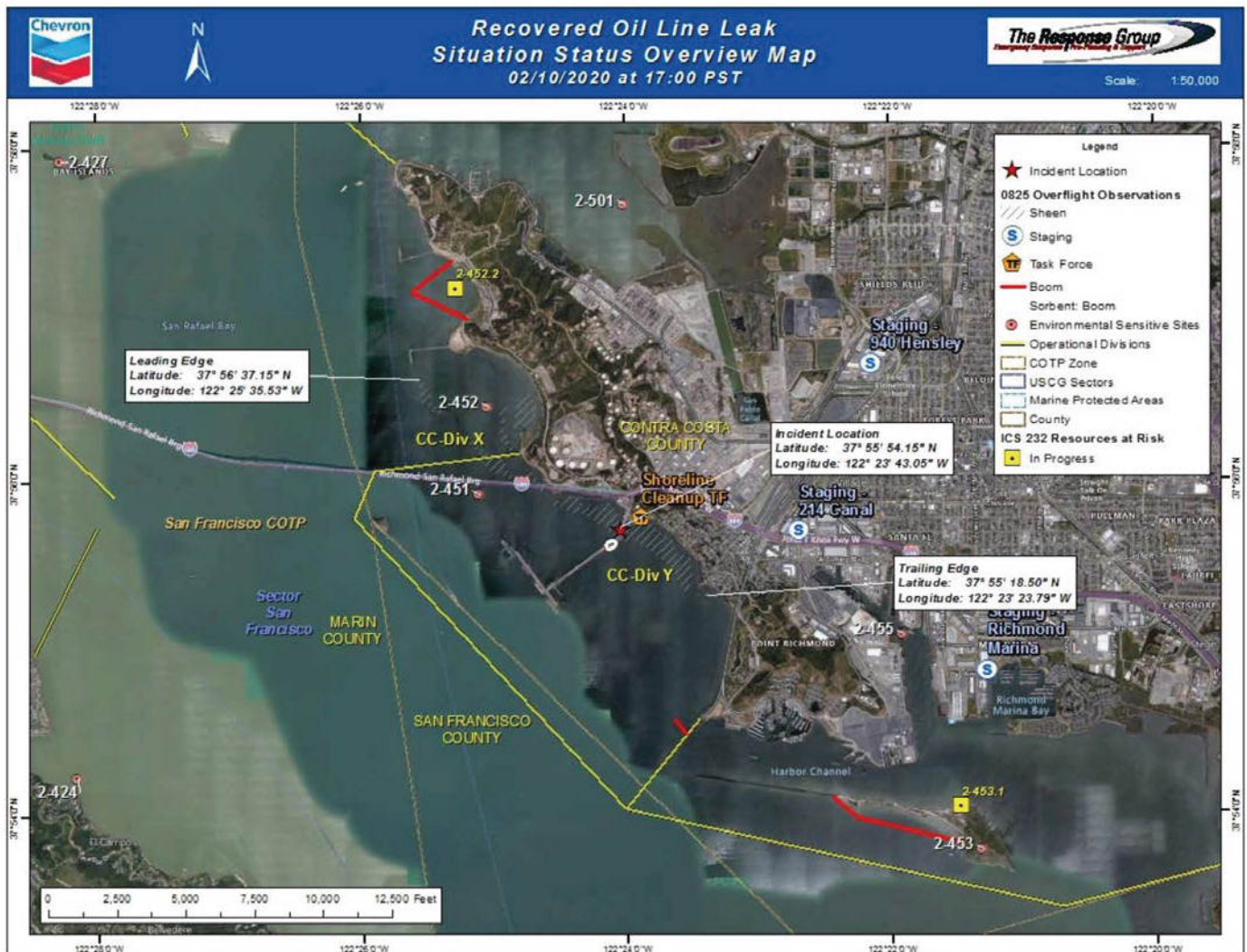
CDFW-OSPR and USCG are conducting investigations into the cause of the leak.

## MEDIA

A joint information center (JIC) was established on Tuesday evening with representatives of USCG, CDFW-OSPR, Contra Costa Health Services Department, and Chevron. A public website with information about the response has been established at <https://recoveredoillineleak.com/>.

Media inquiries can be directed to CDFW-OSPR Public Information Officer Eric Laughlin at 916-214-3279. More information will be shared when it becomes available.

Figure 1: SITUATION STATUS MAP





## **Liaison Update #4**

UPDATE: 2/11/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Ultra-low sulfur diesel and flush water mixture

### **INCIDENT UPDATE**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported a petroleum leak from a pipeline at the Richmond Long Wharf. The leak was stopped at approximately 4:30 pm on Tuesday. Laboratory analysis and technical review indicate that approximately 500 - 750 gallons of ultra-low sulfur diesel fuel and flush water mix were released. Cleanup and recovery efforts are ongoing.

A Unified Command comprised of representatives of the United States Coast Guard (USCG), CDFW-OSPR, Contra Costa County Health Services Department, and Chevron was established Wednesday morning. The incident command post is in the Chevron Refinery Cafeteria.

Marine Spill Response Corporation (MSRC), an oil spill response organization, is on scene conducting sensitive site protection as well as containment and recovery efforts. On Wednesday, the protection of identified environmentally sensitive sites was completed. The Richmond Eelgrass beds (site 2-452) and the southern side of Brooks Island (site 2-453) were successfully boomed using a total of 3600' and 2550' of boom, respectively, to protect the shorelines. There are no further sensitive sites identified for protective booming due to this incident. An additional 600' of containment boom remains deployed around the Richmond Long Wharf and 1200' of deflection boom has been utilized to assist with product recovery. Product is being recovered using absorbent booms. See Figure 1 for the Situation Status map as of 9:00 am on Thursday, February 11.

### **SAFETY**

Comprehensive COVID-19 protocols have been developed for both field operations and the incident command post. Precautions include pre-screening prior to entry, thermal scanning, face coverings, disinfecting supplies, optimized ventilation, food-handling, workspace

distancing and signage, and encouragement of outdoor meetings and meals. The Safety Officer evaluated work crew needs and encouraged virtual engagement of subject matter experts to minimize occupancy in the incident command post.

The marine safety zone that was established was lifted at 10:00 today. USCG has ceased broadcasting a marine safety information bulletin (MSIB) hourly through VHF channel 16.

The Level 2 community warning that was issued to nearby residents on Tuesday afternoon was lifted at 9:00 pm that evening. The Unified Command continues to conduct air monitoring where responders are working. For additional concerns regarding public health, please check the County Health Alerts at <https://cchealth.org>.

### **ENVIRONMENTAL IMPACTS**

A sheen was observed in San Pablo Bay on Tuesday and USCG conducted an overflight at 7:05 am on Wednesday to assess the extent of the sheen. Shoreline Cleanup Assessment Teams (SCAT) comprised of federal, state, and Chevron representatives conducted surveys to assess shoreline impacts from Pt. Molate to Pt. Richmond on Wednesday. Shoreline impacts were observed at Saltwater Station private beach, southeast of the Richmond Long Wharf. A Shoreline Task Force utilizing the contractor Clean Harbors continues to conduct assessment and cleanup on the affected shoreline, and public access to the area remains closed.

An overflight was conducted at 9:00 on Thursday morning and SCAT continues by boat due to very high tides. The areas to be covered by SCAT on Thursday include Pinole Creek to Pt. Molate, including Marin Rocks; Pt. Molate to Richmond Marina, including Castro Rocks; and Richmond Marina, including Brooks Island.

Other than at Saltwater Station, there have been no observations of shoreline impacts during SCAT surveys or overflights. Keller Beach is expected to remain closed today. The rest of the Miller-Knox Regional Shoreline park remains open.

The California Office of Environmental Health and Hazard Assessment determined that no fisheries closures were warranted in response to this incident. Representatives of CDFW-OSPR's Natural Resources Damages Assessment (NRDA) unit conducted sampling efforts on Wednesday to assess any potential injuries to species and habitats due to the incident. Teams took samples of water, sediment, and mussels and samples will be sent to an independent laboratory for analysis.

### **WILDLIFE IMPACTS**

There have been no reports of wildlife impacts to date. The Wildlife Branch deployed two Oiled Wildlife Care Network (OWCN) Recovery Teams at first light on Wednesday to search for and recover any oiled wildlife. Additionally, reconnaissance was conducted outside of the affected area to search for any wildlife that may have been affected and traveled outside the immediate response area. Wildlife Branch operations are continuing on Thursday, monitoring the shoreline for affected wildlife. Anyone observing oiled wildlife should not attempt to capture it. Instead,

please report any observations of oiled wildlife to the oiled wildlife hotline at 1-877-UCD-OWCN (1-800-823-6926).

### **VOLUNTEERS**

The Unified Command evaluated the use of volunteers, and none have been requested to date. A Volunteer Plan has been approved by the Unified Command and pre-trained volunteers from the Community Emergency Response Team (CERT) would be utilized if needed. For more information on volunteer use, please call the Volunteer Hotline at 1-800-228-4544.

### **INVESTIGATION**

CDFW-OSPR and USCG are conducting investigations into the cause of the leak.

### **MEDIA**

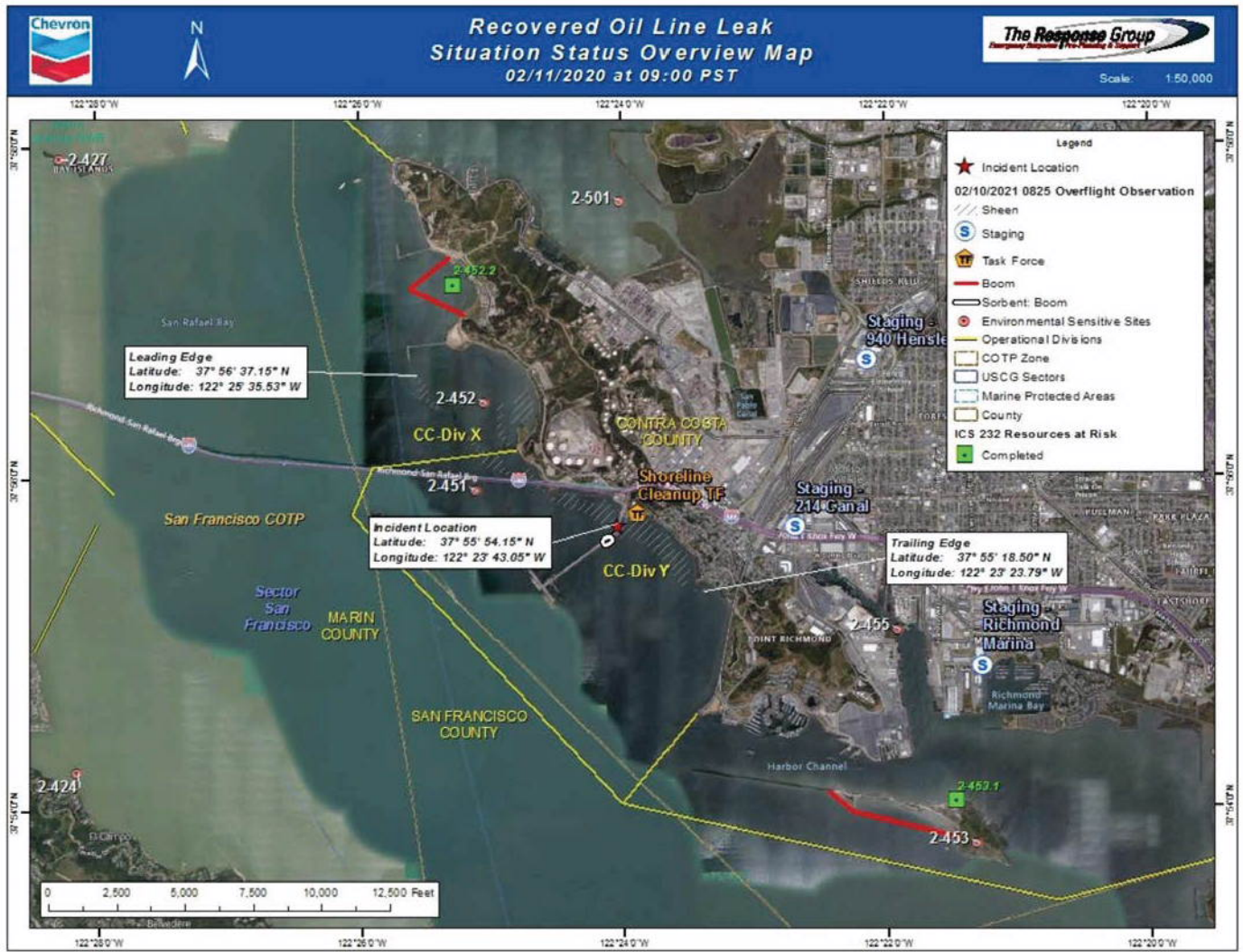
A joint information center (JIC) was established on Tuesday evening with representatives of USCG, CDFW-OSPR, Contra Costa Health Services Department, and Chevron. A public website with information about the response has been established at

<https://recoveredoillineleak.com/>.

Media inquiries can be directed to CDFW-OSPR Public Information Officer Eric Laughlin at 916-214-3279. More information will be shared when it becomes available.



Figure 1: SITUATION STATUS MAP





## **Liaison Update #5**

UPDATE: 2/12/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Diesel and flush water mixture

### **INCIDENT UPDATE**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported a petroleum leak from a pipeline at the Richmond Long Wharf. The leak was stopped at approximately 4:30 pm on Tuesday. Laboratory analysis and technical review indicate that approximately 500 - 750 gallons of diesel and flush water mix were released. Cleanup and recovery efforts continue over a small footprint of impacted area but crews surveying the area on Friday morning did not observe sheen anywhere else in the vicinity.

The response has been managed by a Unified Command comprised of representatives of the United States Coast Guard (USCG), California Department of Fish and Wildlife – Office of Spill Prevention and Response (CDFW-OSPR), Contra Costa County Health Services Department, and Chevron. An initial incident command post was established on the wharf on Tuesday, and the incident command post was moved to the Chevron Refinery Cafeteria on Wednesday morning. Effective on Friday, the number of personnel working at the incident command post was greatly reduced due to stabilization of the incident and the need to mitigate safety risks associated with Covid-19. The Unified Command and other incident personnel will be working remotely over the holiday weekend from Saturday, February 13 to Monday, February 15.

Marine Spill Response Corporation (MSRC), an oil spill response organization, has conducted sensitive site protection as well as containment and recovery efforts. Protective booming of the two environmentally sensitive sites identified by the Environmental Unit as at risk of potential impacts from the spill was completed on Wednesday (Richmond Eelgrass beds and Brooks Island; Area Contingency Plan sites 2-452 and 2-453). Since no sheen was observed outside of the immediate cleanup area as of Friday morning, these sites are no longer considered to be at risk and the boom will be removed on Saturday, February 13.

An additional 600' of containment boom remains deployed around the Richmond Long Wharf as a precaution. The containment boom will remain in place and crews will continue to tend it over the weekend.

## **SAFETY**

Comprehensive Covid-19 protocols were developed for both field operations and the incident command post. Precautions include pre-screening prior to entry, thermal scanning, face coverings, disinfecting supplies, optimized ventilation, food-handling, workspace distancing and signage, and encouragement of outdoor meetings and meals. The Safety Officer evaluated work crew needs and encouraged virtual engagement of subject matter experts to minimize occupancy in the incident command post. On Friday, most of the personnel at the incident command post transitioned to working remotely to mitigate safety risks posed by Covid-19, and the incident command post will not be stood up over the weekend.

The marine safety zone established by USCG was lifted on Thursday morning.

The Level 2 community warning that was issued to nearby residents on Tuesday afternoon was lifted at 9:00 pm that evening. Air monitoring continues in areas where responders are working. For additional concerns regarding public health, please check the County Health Alerts at <https://cchealth.org>.

## **ENVIRONMENTAL IMPACTS**

After sheen was observed in San Pablo Bay on Tuesday, USCG conducted a first light overflight on Wednesday to assess the extent of the sheen. Shoreline Cleanup Assessment Teams (SCAT) conducted comprehensive surveys to assess shoreline impacts on Wednesday through Friday.

Although there was a report of sheen at Keller Beach on Wednesday morning, the Shoreline Cleanup Assessment Technique (SCAT) teams did not observe any oiling on the beach during their surveys. East Bay Regional Parks District has been monitoring the beach for any impacts and will continue to do so over the weekend. Keller Beach will be re-opened on Saturday, and the rest of the Miller-Knox Regional Shoreline park remains open.

SCAT crews observed oiled debris and vegetation at Saltwater Station, southeast of the Richmond Long Wharf, and on the shoreline immediately adjacent to the wharf. A Shoreline Task Force utilizing the contractor Clean Harbors continues to remove debris and vegetation, and cleanup at Saltwater Station is expected to be completed on Friday. The beach will be monitored over the weekend and public access to the area remains closed.

Cleanup and recovery efforts have been productive, as evidenced by SCAT crews reporting no observed oil throughout the response area other than the light sheening currently being addressed near the base of Long Wharf by hand crews on the shoreline and sorbent booms to recover product from the water. If no shoreline impacts and no further sheening are observed through Monday, no further actions will be taken at Saltwater Station and Keller Beach.

The California Office of Environmental Health Hazard Assessment determined that no fisheries closures were warranted in response to this incident.

#### **WILDLIFE IMPACTS**

There have been no reports of wildlife impacts to date. After two days of wildlife operations yielded no observations of impacted wildlife and no reports of oiled wildlife were received by the oiled wildlife hotline, the wildlife recovery teams demobilized effective Friday, February 12. OWCN's recovery teams and rehabilitation facilities remain on standby and can be quickly re-activated if needed. Anyone observing oiled wildlife should not attempt to capture it. Instead, please report any observations of oiled wildlife to the oiled wildlife hotline at 1-877-UCD-OWCN (1-800-823-6926).

#### **VOLUNTEERS**

The Unified Command evaluated the use of volunteers, and none were requested. A Volunteer Plan was approved by the Unified Command, but it has been determined that there is no longer a potential need to utilize volunteers.

#### **INVESTIGATION**

CDFW-OSPR and USCG are conducting investigations into the cause of the leak.

#### **MEDIA**

A joint information center (JIC) was established on Tuesday evening with representatives of USCG, CDFW-OSPR, Contra Costa Health Services Department, and Chevron. A public website with information about the response has been established at

<https://recoveredoillineleak.com/>.

Media inquiries can be directed to CDFW-OSPR Public Information Officer Eric Laughlin at 916-214-3279.



## **Liaison Update #6**

UPDATE: 2/16/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Diesel and flush water mixture

### **INCIDENT UPDATE**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported to the California Governor's Office of Emergency Services (CalOES) that they had been responding to a petroleum leak from a pipeline at the Richmond Long Wharf. The leak was stopped at approximately 4:30 pm on Tuesday. Laboratory analysis and technical review indicate that approximately 500 - 750 gallons of diesel and flush water mix were released. Cleanup and recovery efforts continue over a small footprint of impacted area.

The response has been managed by a Unified Command comprised of representatives of the United States Coast Guard (USCG), California Department of Fish and Wildlife – Office of Spill Prevention and Response (CDFW-OSPR), Contra Costa County Health Services Department, and Chevron. An incident command post (ICP) was established at the Chevron Refinery last week, with most incident personnel transitioning to remote work starting on Friday, February 12 due to stabilization of the incident and the need to mitigate safety risks associated with Covid-19. Currently all personnel are working remotely from their homes, offices, or the field, and the ICP was stood down as of Saturday, February 13. Meetings and briefings are being conducted over a virtual platform.

Marine Spill Response Corporation (MSRC), an oil spill response organization, has conducted sensitive site protection as well as containment and recovery efforts. Protective booming of the two environmentally sensitive sites identified by the Environmental Unit as at risk of potential impacts from the spill was completed on Wednesday (Richmond Eelgrass beds and Brooks Island; Area Contingency Plan sites 2-452 and 2-453). After no sheen was observed outside of the immediate cleanup area as of Friday morning, those sites were no longer considered to be at risk and the boom was removed on Saturday, February 13.

An additional 600' of boom remains deployed around the Richmond Long Wharf as a protective measure. The source is fully secured, and the line was evacuated and remains out of service.

## **SAFETY**

Comprehensive Covid-19 protocols were developed for both field operations and the incident command post. On Friday, February 12, most of the personnel who had been working out of the ICP transitioned to remote participation to mitigate safety risks posed by Covid-19, and the ICP has been closed. Personnel continue to follow Covid-19 protocols in the field and in office spaces.

The marine safety zone established by USCG was lifted on Thursday morning, February 11.

The Level 2 community warning that was issued to nearby residents on Tuesday afternoon was lifted at 9:00 pm that evening. For additional concerns regarding public health, please check the County Health Alerts at <https://cchealth.org>.

## **ENVIRONMENTAL IMPACTS**

After sheen was observed in San Pablo Bay on Tuesday, USCG conducted a first light overflight on Wednesday to assess the extent of the sheen. Shoreline Cleanup Assessment Technique (SCAT) teams conducted comprehensive surveys to assess shoreline impacts on Wednesday, February 10 through Friday, February 12. Cleanup and recovery efforts have been productive, as evidenced by SCAT crews reporting no observed oil throughout the response area other than the light sheening being addressed near the base of Long Wharf by crews on the shoreline and sorbent booms to recover product from the water.

Although there was a report of sheen at Keller Beach on Wednesday morning, the SCAT teams did not observe any sheen on the beach during surveys. East Bay Regional Parks District continued to monitor the shoreline at Keller Beach over the weekend, and the beach was re-opened on Saturday morning. Because no sheening was observed through Tuesday, February 16 at Keller Beach, no further action is planned for this site.

On Wednesday, February 10, SCAT crews observed oily debris and vegetation near Saltwater Station, southeast of the Richmond Long Wharf, and on the shoreline immediately adjacent to the wharf. A Shoreline Task Force utilizing the contractor Clean Harbors completed removal of debris and vegetation on Friday and shoreline monitoring continued over the holiday weekend. On Sunday, February 14 through Tuesday, February 16, monitors observed small (up to about 3" diameter) spots of sheen in the vicinity of Saltwater Station, with an average of about 3-4 spots observed per survey. Clean Harbors crews have deployed absorbent pads to clean up the sheen. Due to these observations, a SCAT team will conduct another survey of the shoreline in the vicinity at low tide on Wednesday morning, February 17. The team will utilize hand-dug pits and lateral trenches in accordance with SCAT protocols to assist in characterizing the cause of the observed sheening. Public access to the area is no longer restricted as of Saturday, February 13. If no sheen is observed over a consecutive two-day period, the Unified Command will meet to determine the end of response efforts.

The California Office of Environmental Health Hazard Assessment determined that no fisheries closures were warranted in response to this incident.

### **WILDLIFE IMPACTS**

There have been no reports of wildlife impacts to date. After two days of wildlife operations yielded no observations of impacted wildlife and no reports were received by the oiled wildlife hotline, the wildlife recovery teams demobilized effective Friday, February 12. The Oiled Wildlife Care Network's (OWCN) recovery teams and rehabilitation facilities remain on standby and can be quickly re-activated if needed. Anyone observing oiled wildlife should not attempt to capture it. Instead, please report any observations of oiled wildlife to the oiled wildlife hotline at 1-877-UCD-OWCN (1-800-823-6926).

### **VOLUNTEERS**

The Unified Command evaluated the use of volunteers, and none were requested. A Volunteer Plan was approved by the Unified Command, but it has been determined that there is no longer a potential need to utilize volunteers.

### **INVESTIGATION**

CDFW-OSPR and USCG are conducting investigations into the cause of the leak.

### **MEDIA**

A joint information center (JIC) was established on Tuesday evening with representatives of USCG, CDFW-OSPR, Contra Costa Health Services Department, and Chevron. Public information on how to report oiled wildlife was a priority and was shared in media interviews, incident updates, and on social media. A public website with information about the response has been established at <https://recoveredoillineleak.com/>.

Media inquiries can be directed to CDFW-OSPR Public Information Officer Eric Laughlin at 916-214-3279.



## **Liaison Update #7**

UPDATE: 2/17/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Diesel and flush water mixture

### **INCIDENT BACKGROUND**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported to the California Governor's Office of Emergency Services (CalOES) that they had been responding to a petroleum leak from a pipeline at the Richmond Long Wharf. The leak was stopped at approximately 4:30 pm on Tuesday, February 9. Laboratory analysis and technical review indicate that approximately 500 - 750 gallons of diesel and flush water mix were released. Cleanup and recovery efforts continue over a small footprint of impacted area.

The response has been managed by a Unified Command comprised of representatives of the United States Coast Guard (USCG), California Department of Fish and Wildlife – Office of Spill Prevention and Response (CDFW-OSPR), Contra Costa County Health Services Department, and Chevron. An incident command post (ICP) was established at the Chevron Refinery last week, with most incident personnel transitioning to remote work starting on Friday, February 12 due to stabilization of the incident and the need to mitigate safety risks associated with Covid-19. Currently all personnel are working remotely from their homes, offices, or the field, and the ICP was stood down as of Saturday, February 13. Meetings and briefings are being conducted over a virtual platform.

Marine Spill Response Corporation (MSRC), an oil spill response organization, has conducted sensitive site protection as well as containment and recovery efforts. Protective booming of the two environmentally sensitive sites identified by the Environmental Unit as at risk of potential impacts from the spill was completed on Wednesday, February 10 (Richmond Eelgrass beds and Brooks Island; Area Contingency Plan sites 2-452 and 2-453). After no sheen was observed outside of the immediate cleanup area as of Friday morning, those sites were no longer considered to be at risk and the boom was removed on Saturday, February 13.

An additional 600' of boom remains deployed around the Richmond Long Wharf as a protective measure. The source is fully secured, and the line was evacuated and remains out of service.



## **SAFETY**

Comprehensive Covid-19 protocols were developed for both field operations and the incident command post. On Friday, February 12, most of the personnel who had been working out of the ICP transitioned to remote participation to mitigate safety risks posed by Covid-19, and the ICP has been closed. Personnel continue to follow Covid-19 protocols in the field and in office spaces.

The marine safety zone established by USCG was lifted on Thursday morning, February 11.

The Level 2 community warning that was issued to nearby residents on Tuesday afternoon, February 9, was lifted at 9:00 pm that evening. For additional concerns regarding public health, please check the County Health Alerts at <https://cchealth.org>.

## **ENVIRONMENTAL IMPACTS**

After sheen was observed in San Pablo Bay on Tuesday, February 9, USCG conducted a first light overflight on Wednesday to assess the extent of the sheen. Shoreline Cleanup Assessment Technique (SCAT) teams, including representatives from USCG, CDFW-OSPR, and Chevron, conducted comprehensive surveys to assess shoreline impacts on Wednesday, February 10 through Friday, February 12. Cleanup and recovery efforts have been productive, as evidenced by SCAT crews reporting no observed oil throughout the response area other than the light sheening being addressed near the base of Long Wharf by crews on the shoreline and sorbent booms to recover product from the water.

Although there was a report of sheen at Keller Beach on Wednesday morning, February 10, the SCAT teams did not observe any sheen on the beach during surveys. East Bay Regional Parks District continued to monitor the shoreline at Keller Beach over the weekend, and the beach was re-opened on Saturday morning, February 13, with no restrictions on entering the water. Because no sheening was observed through Tuesday, February 16 at Keller Beach, no further action is planned for this site.

On Wednesday, February 10, SCAT crews observed oily debris and vegetation near Saltwater Station, southeast of the Richmond Long Wharf, and on the shoreline immediately adjacent to the wharf. A Shoreline Task Force utilizing the contractor Clean Harbors completed removal of debris and vegetation on Friday, February 12 and shoreline monitoring continued over the holiday weekend. On Sunday, February 14 through Tuesday, February 16, monitors observed small spots of sheen in the vicinity of Saltwater Station, with an average of about 3-4 spots observed per survey. Clean Harbors crews deployed absorbent pads to clean up the sheen. Due to these observations, a SCAT team conducted a survey of the shoreline in the vicinity at low tide this morning, February 17. A map depicting the area covered in today's survey is included on page 4. The team also hand-dug four lateral trenches in the upper intertidal in accordance with SCAT protocols to assist in characterizing the cause of the observed sheening. The team did not observe any sheen within the trenches, but did report two areas with trace, unrecoverable sheen within the survey area. The first area was in Section A4 (see map on page 4), close to the wharf, where trace (<1 % coverage of the water's surface) rainbow sheen was observed within a few small pools of standing water. The second sheen observation was a

single, small spot of light sheen within an isolated pool of standing water at the southern end of the survey. Within section A1, limited areas of vegetation that had washed up in the upper intertidal were found to have a petroleum odor, but there were no visible indications of product. Clean Harbors was mobilized to remove the impacted vegetation. Public access to the area is no longer restricted as of Saturday, February 13. Monitoring of the shoreline in the vicinity of the area will continue, and if no sheen is observed over a consecutive two-day period, the Unified Command will meet to determine the end of response efforts.

The California Office of Environmental Health Hazard Assessment determined that no fisheries closures were warranted in response to this incident.

### **WILDLIFE IMPACTS**

There have been no reports of wildlife impacts to date. After two days of wildlife operations yielded no observations of impacted wildlife and no reports were received by the oiled wildlife hotline, the wildlife recovery teams demobilized effective Friday, February 12. The Oiled Wildlife Care Network's (OWCN) recovery teams and rehabilitation facilities remain on standby and can be quickly re-activated if needed. Anyone observing oiled wildlife should not attempt to capture it. Instead, please report any observations of oiled wildlife to the oiled wildlife hotline at 1-877-UCD-OWCN (1-800-823-6926).

### **VOLUNTEERS**

The Unified Command evaluated the use of volunteers, and none were requested. A Volunteer Plan was approved by the Unified Command, but it has been determined that there is no longer a potential need to utilize volunteers.

### **INVESTIGATION**

CDFW-OSPR, USCG, and Contra Costa Health Services are conducting investigations into the cause of the leak.

### **MEDIA**

A joint information center (JIC) was established on Tuesday evening, February 9, with representatives of USCG, CDFW-OSPR, Contra Costa Health Services Department, and Chevron. Public information on how to report oiled wildlife was a priority and was shared in media interviews, incident updates, and on social media. A public website with information about the response has been established at <https://recoveredoillineleak.com/>.


Media inquiries can be directed to CDFW-OSPR Public Information Officer Eric Laughlin at 916-214-3279.

### **CLAIMS**

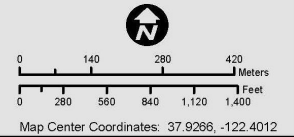
Chevron has established a toll-free number to report spill related damage. Please call 510-242-2000 to report damages associated with the release.

# Map of February 17 SCAT Survey Results




 Calif. Dept. of Fish and Wildlife  
 Office of Spill Prevention and Response  
 Data Source: M. Roberts  
 SCAT Survey Date/Time: 17 February 2021, 9:25 AM  
 Author: ACaputo, CDFW  
 Map created 2/17/2021 at 4:25:23 PM

**Saltwater Station**  
**Recovered Oil Line Leak | 21-0762**  
**Targeted SCAT Survey, February 17, 2021**





## **Liaison Update #8**

UPDATE: 2/19/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Diesel and flush water mixture

### **INCIDENT BACKGROUND**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported to the California Governor's Office of Emergency Services (CalOES) that they had been responding to a petroleum leak from a pipeline at the Richmond Long Wharf. The leak was stopped at approximately 4:30 pm that afternoon. Laboratory analysis and technical review indicate that approximately 500 - 750 gallons of diesel and flush water mix were released. Monitoring and as-needed cleanup efforts continue over a small footprint of impacted area.

The response has been managed by a Unified Command comprised of representatives of the United States Coast Guard (USCG), California Department of Fish and Wildlife – Office of Spill Prevention and Response (CDFW-OSPR), Contra Costa County Health Services Department, and Chevron. An incident command post (ICP) was established at the Chevron Refinery on February 9, with most incident personnel transitioning to remote work starting on February 12 due to stabilization of the incident and the need to mitigate safety risks associated with Covid-19. Currently all personnel are working remotely from their homes, offices, or the field, and the ICP was stood down as of February 13. Meetings and briefings are being conducted over a virtual platform.

Marine Spill Response Corporation (MSRC), an oil spill response organization conducted sensitive site protection, as well as containment and recovery efforts. Protective booming of the two environmentally sensitive sites identified by the Environmental Unit as having been considered at risk of potential impacts from the spill was completed on February 10 (Richmond Eelgrass beds and Brooks Island; Area Contingency Plan sites 2-452 and 2-453). After no sheen was observed outside of the immediate cleanup area as of February 12, those sites were no longer considered to be at risk and the boom was removed on February 13.

An additional 600' of boom remains deployed around the Richmond Long Wharf as a protective measure. The source is fully secured, and the line was evacuated and remains out of service.

## **SAFETY**

Comprehensive Covid-19 protocols were developed for both field operations and the ICP. On February 12, most of the personnel who had been working out of the ICP transitioned to remote participation to mitigate safety risks posed by Covid-19, and the ICP was closed on February 13. Personnel continue to follow Covid-19 protocols in the field and in office spaces.

The marine safety zone established by USCG was lifted on February 11.

The Level 2 community warning that was issued to nearby residents on the afternoon of February 9 was lifted at 9:00 pm that evening. For additional concerns regarding public health, please check the County Health Alerts at <https://cchealth.org>.

## **ENVIRONMENTAL IMPACTS**

After sheen was observed in San Pablo Bay on February 9, USCG conducted a first light overflight on February 10 to assess the extent of the sheen. Shoreline Cleanup Assessment Technique (SCAT) teams, including representatives from USCG, CDFW-OSPR, and Chevron, conducted comprehensive surveys to assess shoreline impacts from February 10 to February 12. Cleanup and recovery efforts were productive, as evidenced by SCAT crews reporting no observed oil throughout the response area other than the light sheening being addressed near the base of Long Wharf by crews on the shoreline and sorbent booms to recover product from the water.

Although there was a report of sheen at Keller Beach on February 10, the SCAT teams did not observe any sheen on the beach during surveys. East Bay Regional Parks District continued to monitor the shoreline at Keller Beach over the weekend following the leak, and the beach was re-opened on the morning of February 13. There are no restrictions on entering the water. Because no sheening was observed through February 16 at Keller Beach, no further action is planned for this site.

On February 10, SCAT crews observed oily debris and vegetation near Saltwater Station, southeast of the Richmond Long Wharf, and on the shoreline immediately adjacent to the wharf. A Shoreline Task Force utilizing the contractor Clean Harbors completed removal of debris and vegetation on February 12 and public access to the area is no longer restricted as of February 13. Shoreline monitoring over various tidal periods has continued daily and a targeted SCAT survey was completed on February 17. During the targeted SCAT survey, patches of vegetation that had washed up in the upper intertidal were found to have a petroleum odor, but there were no visible indications of product. Clean Harbors crews removed the impacted vegetation. Shoreline monitoring continued in the vicinity of Saltwater Station on February 18-19, with surveys conducted throughout the day at different tidal heights. On both days, surveyors observed small pockets of trace, unrecoverable sheen in a few tidal pools along the rock wall. Shoreline monitoring in the vicinity will continue, and if no sheen is observed over a consecutive two-day period, the Unified Command will meet to evaluate the end of response efforts.

The California Office of Environmental Health Hazard Assessment determined that no fisheries closures were warranted in response to this incident.

#### **WILDLIFE IMPACTS**

There have been no reports of wildlife impacts to date. After two days of wildlife operations yielded no observations of impacted wildlife and no reports were received by the oiled wildlife hotline, the wildlife recovery teams demobilized effective February 12. Anyone observing oiled wildlife should not attempt to capture it. Instead, please report any observations of oiled wildlife to the oiled wildlife hotline at 1-877-UCD-OWCN (1-800-823-6926).

#### **VOLUNTEERS**

The Unified Command evaluated the use of volunteers, and none were requested. A Volunteer Plan was approved by the Unified Command, but it has been determined that there is no longer a potential need to utilize volunteers.

#### **INVESTIGATION**

CDFW-OSPR, USCG, and Contra Costa Health Services are conducting investigations into the cause of the leak.

#### **MEDIA**

A joint information center (JIC) was established on February 9 that has included representatives of USCG, CDFW-OSPR, Contra Costa Health Services Department, and Chevron. Public information on how to report oiled wildlife was a priority and was shared in media interviews, incident updates, and on social media. A public website with information about the response has been established at <https://recoveredoillineleak.com/>.

Media inquiries can be directed to CDFW-OSPR Public Information Officer Eric Laughlin at 916-214-3279.

#### **CLAIMS**

Chevron has established a toll-free number to report spill related damage. Please call 510-242-2000 to report damages associated with the release.



## **Liaison Update #9**

UPDATE: 2/22/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Diesel and flush water mixture

### **INCIDENT BACKGROUND**

At 3:25 pm on Tuesday, February 9, 2021, the Chevron Richmond Refinery reported to the California Governor's Office of Emergency Services (CalOES) that they had been responding to a petroleum leak from a pipeline at the Richmond Long Wharf. The leak was stopped at approximately 4:30 pm that afternoon. Laboratory analysis and technical review indicate that approximately 500 - 750 gallons of diesel and flush water mix were released. Shoreline monitoring continues over a small footprint of area near the Chevron wharf where impacts had been observed.

The response has been managed by a Unified Command comprised of representatives of the United States Coast Guard (USCG), California Department of Fish and Wildlife – Office of Spill Prevention and Response (CDFW-OSPR), Contra Costa County Health Services Department, and Chevron. An incident command post (ICP) was established at the Chevron Refinery on February 9, with most incident personnel transitioning to remote work starting on February 12 due to stabilization of the incident and the need to mitigate safety risks associated with Covid-19. Currently all personnel are working remotely from their homes, offices, or the field, and the ICP was stood down as of February 13. Meetings and briefings are being conducted over a virtual platform.

Marine Spill Response Corporation (MSRC), an oil spill response organization conducted sensitive site protection, as well as containment and recovery efforts. Protective booming of the two environmentally sensitive sites identified by the Environmental Unit as having been considered at risk of potential impacts from the spill was completed on February 10 (Richmond Eelgrass beds and Brooks Island; Area Contingency Plan sites 2-452 and 2-453). After no sheen was observed outside of the immediate cleanup area as of February 12, those sites were no longer considered to be at risk and the boom was removed on February 13.

An additional 600' of boom remains deployed around the Richmond Long Wharf as a protective measure. The source is fully secured, and the line was evacuated and remains out of service.

### **SAFETY**

Comprehensive Covid-19 protocols were developed for both field operations and the ICP. On February 12, most of the personnel who had been working out of the ICP transitioned to remote participation to mitigate safety risks posed by Covid-19, and the ICP was closed on February 13. Personnel continue to follow Covid-19 protocols in the field and in office spaces.

The marine safety zone established by USCG was lifted on February 11.

The Level 2 community warning that was issued to nearby residents on the afternoon of February 9 was lifted at 9:00 pm that evening. For additional concerns regarding public health, please check the County Health Alerts at <https://cchealth.org>.

### **ENVIRONMENTAL IMPACTS**

After sheen was observed in San Pablo Bay on February 9, USCG conducted a first light overflight on February 10 to assess the extent of the sheen. Shoreline Cleanup Assessment Technique (SCAT) teams, including representatives from USCG, CDFW-OSPR, and Chevron, conducted comprehensive surveys to assess shoreline impacts from February 10 to February 12. Cleanup and recovery efforts were productive, as evidenced by SCAT crews reporting no observed oil throughout the response area other than the light sheening being addressed near the base of Long Wharf by crews on the shoreline and sorbent booms to recover product from the water.

Although there was a report of sheen at Keller Beach on February 10, the SCAT teams did not observe any sheen on the beach during surveys. East Bay Regional Parks District continued to monitor the shoreline at Keller Beach over the weekend following the leak, and the beach was re-opened on the morning of February 13. There are no restrictions on entering the water. Because no sheening was observed through February 16 at Keller Beach, no further action is planned for this site.

On February 10, SCAT crews observed oily debris and vegetation near Saltwater Station, southeast of the Richmond Long Wharf, and on the shoreline immediately adjacent to the wharf. A Shoreline Task Force utilizing the contractor Clean Harbors completed removal of debris and vegetation on February 12 and public access to the area is no longer restricted as of February 13. Shoreline monitoring over various tidal periods has continued daily and a targeted SCAT survey was completed on February 17. During the targeted SCAT survey, patches of vegetation that had washed up in the upper intertidal were found to have a petroleum odor, but there were no visible indications of product. Clean Harbors crews removed the impacted vegetation. On February 18 and 19, monitoring teams observed small pockets of trace, unrecoverable sheen in a few tidal pools. Monitoring teams did not observe any sheen during surveys conducted from February 20 through the morning of February 22. The Unified Command expects to conduct a shoreline assessment during low tide on Tuesday, February 23 to evaluate the end of response efforts.



The California Office of Environmental Health Hazard Assessment determined that no fisheries closures were warranted in response to this incident.

#### **WILDLIFE IMPACTS**

There have been no reports of wildlife impacts to date. After two days of wildlife operations yielded no observations of impacted wildlife and no reports were received by the oiled wildlife hotline, the wildlife recovery teams demobilized effective February 12. Anyone observing oiled wildlife should not attempt to capture it. Instead, please report any observations of oiled wildlife to the oiled wildlife hotline at 1-877-UCD-OWCN (1-800-823-6926).

#### **VOLUNTEERS**

The Unified Command evaluated the use of volunteers, and none were requested. A Volunteer Plan was approved by the Unified Command, but it has been determined that there is no longer a potential need to utilize volunteers.

#### **INVESTIGATION**

CDFW-OSPR, USCG, and Contra Costa Health Services are conducting investigations into the cause of the leak.

#### **MEDIA**

A joint information center (JIC) was established on February 9 that has included representatives of USCG, CDFW-OSPR, Contra Costa Health Services Department, and Chevron. Public information on how to report oiled wildlife was a priority and was shared in media interviews, incident updates, and on social media. A public website with information about the response has been established at <https://recoveredoillineleak.com/>.

Media inquiries can be directed to CDFW-OSPR Public Information Officer Eric Laughlin at 916-214-3279.

#### **CLAIMS**

Chevron has established a toll-free number to report spill related damage. Please call 510-242-2000 to report damages associated with the release.



## **Liaison Update #10 - FINAL**

UPDATE: 2/23/2021

**OES Report #21-0762; NRC Report #1297669**

### **INCIDENT INFORMATION**

Date of Incident: Tuesday, February 9, 2021

Name of Incident: Recovered Oil Line Leak Response

Location: Richmond, CA (Contra Costa County)

Product details: Diesel and flush water mixture

### **INCIDENT SUMMARY**

A Unified Command comprised of representatives of the United States Coast Guard (USCG), California Department of Fish and Wildlife – Office of Spill Prevention and Response (CDFW-OSPR), Contra Costa County Health Services Department, and Chevron was formed to manage a coordinated response to a pipeline leak that occurred on Tuesday, February 9, at the Richmond Long Wharf. The leak was stopped at approximately 4:30pm on February 9, and the line will remain out of service until it is repaired, and all regulatory agencies approve its reactivation. Approximately 500-750 gallons of diesel and flush water mix was released, and cleanup was conducted over a small section of impacted shoreline southeast of the Long Wharf. On Tuesday, February 23, after no sheen was observed over a four-day monitoring period, the Unified Command determined that clean-up endpoints had been achieved. This determination marked the conclusion of response efforts.

### **ENVIRONMENTAL AND WILDLIFE IMPACTS**

The California Office of Environmental Health Hazard Assessment determined that no fisheries closures were warranted because of the leak. No reports of impacted wildlife were made to the Oiled Wildlife Care Network hotline, and no impacts to wildlife were observed by response personnel throughout the duration of the response. Although there was a report of sheen at Keller Beach on February 10, the Shoreline Cleanup Assessment Technique (SCAT) teams did not observe any sheen on the beach during surveys. East Bay Regional Parks District continued to monitor the shoreline at Keller Beach over the weekend following the leak, and the beach was re-opened on the morning of February 13. There are no restrictions on entering the water.

Shoreline impacts were only observed at Saltwater Station, southeast of the Richmond Long Wharf, and on the shoreline immediately adjacent to the wharf. A Shoreline Task Force utilizing the contractor Clean Harbors removed debris and vegetation on February 12, and public access restrictions were lifted on February 13. Shoreline monitoring over various tidal periods

continued daily through February 23, including a targeted SCAT survey on February 17. During the targeted survey, the SCAT team observed that patches of vegetation with a petroleum odor had washed up in the upper intertidal, but there were no visible indications of product. Clean Harbors crews removed the impacted vegetation. On February 18 and 19, monitoring teams observed small pockets of trace, unrecoverable sheen in a few tidal pools. Monitoring teams did not observe any sheen during surveys conducted from February 20 through February 23.

At low tide on February 23, the Unified Command conducted a final survey of Keller Beach and the shoreline near Saltwater Station and did not observe any sheen. As a result, the Unified Command agreed to conclude response efforts.

A Natural Resource Damage Assessment (NRDA) team consisting of representatives from CDFW-OSPR and Chevron collected samples of water, sediment, and/or mussels in the late afternoon of February 10 at Pt. Molate, the base of the Long Wharf, and Keller Beach. Samples were sent to the independent Battelle Laboratory for analysis, consistent with the Richmond Refinery Ephemeral Data Collection Plan. The NRDA team did not observe any oiling or sheen at Pt. Molate and Keller Beach. Findings from this assessment are part of the ongoing investigation. For more information on the NRDA process, please review [OSPR's NRDA Fact Sheet](#).

#### **INVESTIGATION**

USCG, CDFW-OSPR, and Contra Costa Health Services are conducting investigations into the cause of the leak.

#### **MEDIA**

Media inquiries can be directed to Chevron Richmond Public Affairs Manager, Linsi Crain, at [LinsiCrain@chevron.com](mailto:LinsiCrain@chevron.com).

Information on the incident is available at [calspillwatch.wildlife.ca.gov](http://calspillwatch.wildlife.ca.gov).

#### **CLAIMS**

Chevron has established a number to report spill related damage. Please call 510-242-2000 to report damages associated with the release.