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Contra Costa Health
Hazardous Materials



Fax

To: Randall Sawyer **From:** John-Paul Nepote

Fax: (925) 646-2073 **Pages (Including cover):** 34

Phone: **Date:** 12/01/16

Re: Plains Martinez Final Report (CCHS #16-100402)

- Urgent**
 For Review
 Please Comment
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-

• **Comments:**

Please find attached the SPCC report regarding the release. This will also serve as the final supplemental to our 30-Day Report.

Please contact me with any questions or comments.



PLAINS
Products Terminals LLC

December 1, 2016

VIA FEDEX

Attn: Steve Calanog
US EPA Region 9, Oil Program
75 Hawthorne St (SFD-9-4)
San Francisco, CA 94105

Subject: 40 CFR 112.4 SPCC Report (NRC Report #1160750)

Pursuant to Code of Federal Regulations, Title 40 Section 112.4, Plains Products Terminals LLC (Plains) is submitting this report regarding a release of oil at our Martinez Terminal (Terminal).

Name of Facility

Plains Products Terminals, Martinez Terminal

Facility Contact

John-Paul Nepote
Senior Environmental & Regulatory Compliance Specialist

Facility Address

2801 Waterfront Road
Martinez, CA 94553

Facility Description

The Terminal is a complex facility (transportation and non-transportation related). The Terminal transfers on average 139,000 barrels per day of petroleum products via pipeline and marine vessel. In addition, the Terminal has approximately 4.8 million barrels of product storage. Attachment 1 includes a facility layout indicating the release point and extent of the release within the secondary containment.

Release Information

On October 4, 2016 at approximately 2:19 pm, a Plains Martinez operator noticed a leak coming from a flange on the valve connecting the 30" crude line to Tank 501-14. The pressure on the 30" line was relieved to Tank 501-13 ending the release. The oil flowed from Tank 501-14 to a ditch along the tank farm berm. The oil was contained within the tank farm secondary containment. An estimated 130 barrels were released. There were no impacts to water or wildlife. There were no impacts offsite. No personnel were injured. Approximately 100 barrels of crude oil were recovered by vacuum truck. Impacted soils were excavated. Notifications were made to NRC, CA OES, and Contra Costa Health Services (CUPA).

US EPA, Region 9
December 1, 2016
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Root Cause Analysis

The gasket on the flange failed and released oil due to thermal pressure on the 30" crude oil pipeline. In normal operation that pipeline is relieved to either Tanks 501-15 or 501-16. However, at the time of the release, the Terminal was storing and transporting hydrotest water to a neighboring facility. Tank 501-15 was being used to store the hydrotest water so the 30" crude oil was isolated from both Tank 501-15 and 501-16 to prevent contamination of the water with oil.

Preventative Measures

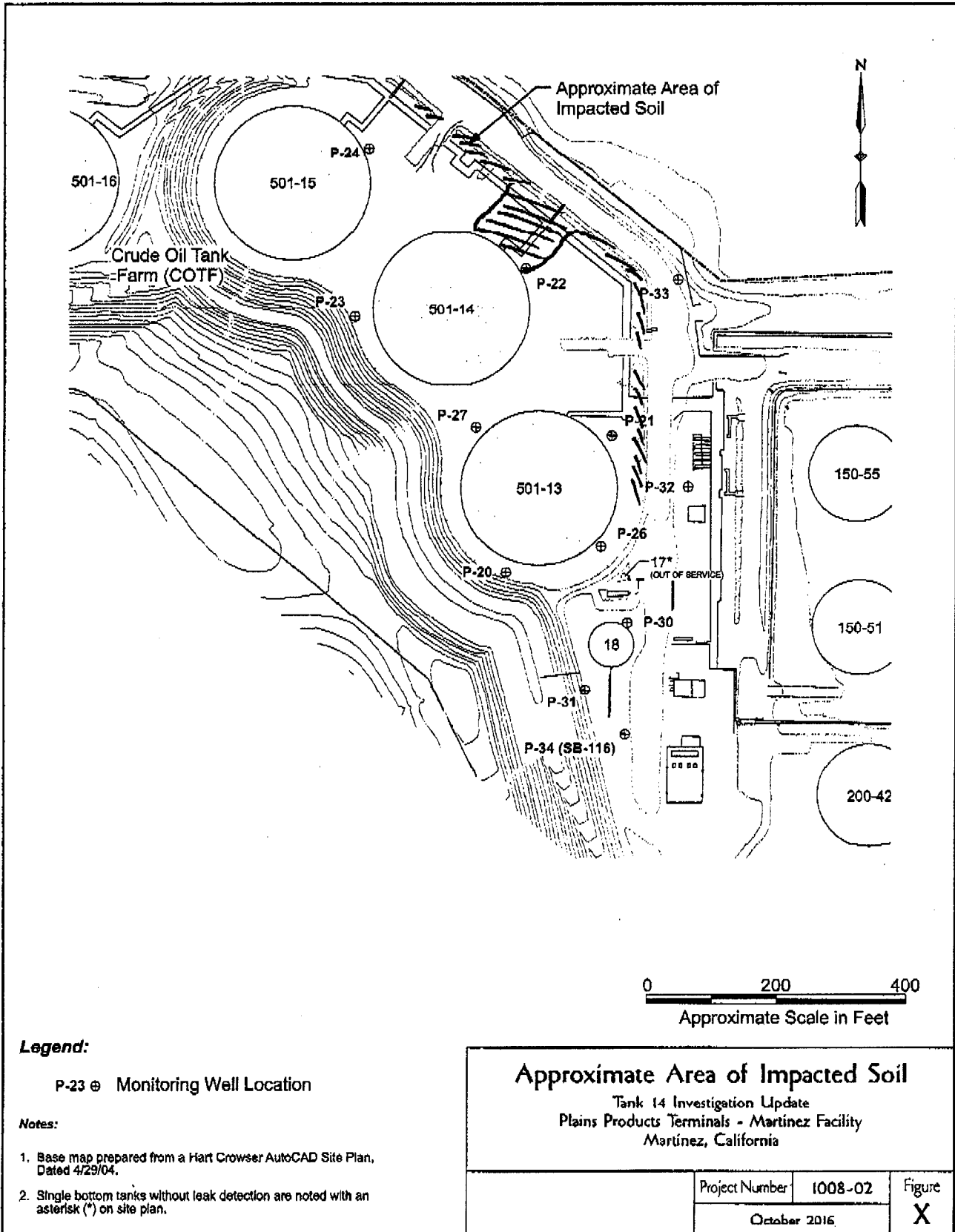
To prevent a recurrence of the release, a pressure gauge has been installed on that section of the 30" inch pipe. In addition a pressure relief system around the Tank 501-14 face valve is being designed and will be installed to allow automatic relief of the line.

Please contact me with any questions or comments regarding this report.

Sincerely,


John-Paul Nepote
Sr. Env. & Reg. Comp. Specialist

cc: Nick Umemoto, via email: nick.umemoto@hsd.cccounty.us



Legend:

P-23 ⊕ Monitoring Well Location

Notes:

1. Base map prepared from a Hart Crowser AutoCAD Site Plan, Dated 4/29/04.
2. Single bottom tanks without leak detection are noted with an asterisk (*) on site plan.

Approximate Area of Impacted Soil

Tank 14 Investigation Update
Plains Products Terminals - Martinez Facility
Martinez, California

Project Number	1008-02	Figure X
October 2016		