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CHEVRON #9-5607 (T0600100344) - MAP THIS SITE

OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION

5269 CROW CANYON ROAD
CASTRO VALLEY , CA 94552
ALAMEDA COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT

PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0000350*
CASEWORKER: *MARK DETTERMAN* - ***SUPERVISOR:*** *DONNA DROGOS*
SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-0375*
CASEWORKER: *Cherie McCaulou* - ***SUPERVISOR:*** *MARY ROSE CASSA*

CUF Claim #: 5907 **CUF Priority Assigned:** D **CUF Amount Paid:** $793,720

THIS PROJECT WAS LAST MODIFIED BY ***MARK DETTERMAN*** ON 3/1/2013 10:37:42 AM - HISTORY

THIS SITE HAS UNAPPROVED SUBMITTALS. CLICK HERE TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CLOSURE POLICY ***THIS VERSION IS IN PROGRESS AS OF 3/1/2013*** ***CHECKLIST INITIATED ON 2/20/2013*** **CLOSURE POLICY HISTORY**

General Criteria - *The site satisfies the policy general criteria* - CLEAR SECTION ANSWERS **NO**

a. Is the unauthorized release located within the service area of a public water system? — YES NO
Name of Water System : EBMUD

b. The unauthorized release consists only of petroleum (info). — YES NO

c. The unauthorized ("primary") release from the UST system has been stopped. — YES NO

d. Free product has been removed to the maximum extent practicable (info). — FP Not Encountered YES NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed (info). — YES NO
Description (Check all that Apply):
- [ ] GW Not Evaluated
- [x] Groundwater Assessment Incomplete - Aerial Extent of Contamination Not Defined
- [ ] Groundwater Assessment Incomplete - Depth of Contamination Not Defined
- [ ] Hydrogeology Not Adequately Defined
- [ ] Potential Receptors Not Identified
- [ ] Soil Assessment Incomplete - Aerial Extent Not Defined
- [ ] Soil Assessment Incomplete - Depth Unknown
- [x] Soil Vapor Not Evaluated
- [x] Other - Onsite shallow soil uncharacterized

f. Secondary source has been removed to the extent practicable (info). — YES NO
Impediment to Removing Secondary Source (Check all that Apply):
- [ ] Remediation Has Not Been Attempted
- [ ] Remediation Was Designed Incorrectly
- [x] Remediation Was Shut Off Prematurely
- [ ] Poor Remediation O&M
- [ ] Other -

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15. — Not Required YES NO

h. Does a nuisance exist, as defined by Water Code section 13050. — YES NO

1. Media-Specific Criteria: Groundwater - *The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below.* - CLEAR SECTION ANSWERS **NO**

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - Info) — YES NO

Does the site meet any of the Groundwater specific criteria scenarios? — YES NO

ADDITIONAL QUESTIONS - Please indicate only those conditions that do not meet the policy criteria:

Plume Length (That Exceeds Water Quality Objectives) :
≥ 100 Feet and < 250 Feet ≥ 250 Feet and < 1,000 Feet ≥ 1,000 Feet Unknown

Plume is Stable or Decreasing in AREAL Extent :
No Unknown

Free Product in Groundwater :
Yes No Unknown

Free Product Has Been Removed to the Maximum Extent Practicable :
No Unknown

For sites with free product, the Plume Has Been Stable or Decreasing for 5-Years (info) :
No Unknown

For sites with free product, owner Willing to Accept a Land Use Restriction (if required) :
No Unknown

Free Product Extends Offsite :
Yes Unknown

Benzene Concentration :
≥ 1,000 µg/l and < 3,000 µg/l ≥ 3,000 µg/l Unknown

MTBE Concentration :
≥ 1,000 µg/l Unknown

Nearest Supply Well (From Plume Boundary) :
≤ 250 Feet > 250 Feet and ≤ 1,000 Feet Unknown

Nearest Surface Water Body (From Plume Boundary) :
≤ 250 Feet > 250 Feet and ≤ 1,000 Feet Unknown

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - *The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c* - CLEAR SECTION ANSWERS **NO**

EXEMPTION - Active Commercial Petroleum Fueling Facility — YES NO

Does the site meet any of the Petroleum Vapor Intrusion to Indoor Air specific criteria scenarios? — YES NO

ADDITIONAL QUESTIONS - Please indicate only those conditions that do not meet the policy criteria:

Soil Gas Samples :
No Soil Gas Samples Taken Incorrectly

Exposure Type :
- (●) Residential
- ( ) Commercial

Free Product :
- ( ) In Groundwater
- ( ) In Soil
- ( ) Unknown

TPH in the Bioattenuation Zone :
- ( ) ≥ 100 mg/kg
- ( ) Unknown
- (●) Soil samples not taken at two depths within 5 ft. zone (only for Scenario 4 with BioZone)

Bioattenuation Zone Thickness :
- ( ) < 5 Feet (No BioZone)
- ( ) ≥ 5 Feet and < 10 Feet
- (●) ≥ 10 Feet and < 30 Feet
- ( ) ≥ 30 Feet
- ( ) 30ft BioZone Compromised TPH > 100mg/kg
- ( ) Unknown

O2 Data in Bioattenuation Zone :
- (●) No O_2 Data
- ( ) O_2 < 4%
- ( ) O_2 ≥ 4%

Benzene in Groundwater :
- ( ) ≥ 100 µg/l and < 1,000 µg/l
- (●) ≥ 1,000 µg/l
- ( ) Unknown

Soil Gas Benzene :
- ( ) ≥ 85 µg/m^3 and < 280 µg/m^3
- ( ) ≥ 280 µg/m^3 and < 85,000 µg/m^3
- ( ) ≥ 85,000 µg/m^3 and < 280,000 µg/m^3
- ( ) ≥ 280,000 µg/m^3
- (●) Unknown

Soil Gas EthylBenzene :
- ( ) ≥ 1,100 µg/m^3 and < 3,600 µg/m^3
- ( ) ≥ 3,600 µg/m^3 and < 1,100,000 µg/m^3
- ( ) ≥ 1,100,000 µg/m^3 and < 3,600,000 µg/m^3
- ( ) ≥ 3,600,000 µg/m^3
- (●) Unknown

Soil Gas Naphthalene :
- ( ) ≥ 93 µg/m^3 and < 310 µg/m^3
- ( ) ≥ 310 µg/m^3 and < 93,000 µg/m^3
- ( ) ≥ 93,000 µg/m^3 and < 310,000 µg/m^3
- ( ) ≥ 310,000 µg/m^3
- (●) Unknown

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - *The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below.* - CLEAR SECTION ANSWERS

NO

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination ( ) YES (●) NO

Does the site meet any of the Direct Contact and Outdoor Air Exposure criteria scenarios? ( ) YES (●) NO

ADDITIONAL QUESTIONS - Please indicate only those conditions that do not meet the policy criteria:

Exposure Type :
- ( ) Residential
- ( ) Commercial
- ( ) Utility Worker

Petroleum Constituents in Soil :
- ( ) ≤ 5 Feet bgs
- ( ) >5 Feet bgs and ≤10 Feet bgs
- ( ) Unknown

Soil Concentrations of Benzene :
- ( ) > 1.9 mg/kg and ≤ 2.8 mg/kg
- ( ) > 2.8 mg/kg and ≤ 8.2 mg/kg
- ( ) > 8.2 mg/kg and ≤ 12 mg/kg
- ( ) > 12 mg/kg and ≤ 14 mg/kg
- ( ) > 14 mg/kg
- ( ) Unknown

Soil Concentrations of EthylBenzene :
- ( ) > 21 mg/kg and ≤ 32 mg/kg
- ( ) > 32 mg/kg and ≤ 89 mg/kg
- ( ) > 89 mg/kg and ≤ 134 mg/kg
- ( ) > 134 mg/kg and ≤ 314 mg/kg
- ( ) > 314 mg/kg
- ( ) Unknown

Soil Concentrations of Naphthalene :
- ( ) > 9.7 mg/kg and ≤ 45 mg/kg
- ( ) > 45 mg/kg and ≤ 219 mg/kg
- ( ) > 219 mg/kg
- ( ) Unknown

Soil Concentrations of PAH :
- ( ) > 0.063 mg/kg and ≤ 0,68 mg/kg
- ( ) > 0.68 mg/kg and ≤ 4.5 mg/kg
- ( ) > 4.5 mg/kg
- ( ) Unknown

Area of Impacted Soil :
- (●) Area of Impacted Soil > 82 by 82 Feet
- ( ) Unknown

Additional Information

This case should be closed in spite of NOT meeting policy criteria. ( ) YES ( ) NO

SPELL CHECK

Save in Progress

LOGGED IN AS MARKDETT

CONTACT GEOTRACKER HELP