

**CITY OF OAKLAND FIRE DEPARTMENT**  
**Office Of Emergency Services**  
 1605 Martin Luther King Jr. Way, Oakland, CA 94612

**RECEIVED**  
 NOV 2 2007  
 ENVIRONMENTAL HEALTH SERVICES

**Hazardous Materials Program**

Contaminated Site Case Transfer Form

**Referral To:**

<b>Date</b>	10/31/07
<b>Agency</b>	Alameda County Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502
<b>Attention</b>	Donna L. Drogos, LOP/SLIC Program Manager

**Site Information:**

Site Address	205/209 brush Street, Oakland, CA 94607
Site Phone	(510)627-1373, jprall@portoakland.com -
Site Contractor/Consultant (if available)	Port Of Oakland
Site DBA	NA

**Site Conditions:**

<b>UST</b> <i>N/A</i>			
USTs removed? # removed:	Date removed:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Contents (circle): gasoline diesel waste oil heating oil solvents kerosene stoddard solvent other (specify) _____		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Observations of system (holes, leaks)?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Observed contamination (free product, smell, soil/ discoloration)? NA		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Detectable concentrations of soil and/or groundwater contamination?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
o Highest Concentration Detected in Soil Contaminant (specify):			
o Highest Concentration Detected in Water, TEH = Extractable hydrocarbon Contaminant (specify): Concentration:			
Unauthorized Release Form filed?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Future intended use if known? Specify: Unknown		Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>NON-UST</b>			
Former industrial use? NA		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Detectable concentrations of soil and/or groundwater contamination?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
o Highest Concentration Detected in Soil Contaminant (specify) <b>1,2,3-Trimethyl benzene</b> Concentration: <b>80 ppm</b>			
o Highest Concentration Detected in Water Contaminant (specify) _____ Concentration _____ ppb			
Future intended use if known? Specify <b>Port of Oakland CNG Filling Station</b>		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<i>If available, attach pertinent reports</i>			

Transferred as: LOP  SLIC

Level of Update requested:  distribution list  all meetings  all site visits  closure sign off  all the above

Transfer requested by Inspector: *Kerth Matthews* Date: 11 Nov 07

Transfer accepted by (ACEH): *Paul A. Boyle* Date: 11/07/07



October 30, 2007

Mr. Keith Matthews  
Hazardous Materials Inspector  
Oakland Fire Department/Fire Prevention Bureau  
Hazardous Materials Unit  
250 Frank Ogawa Plaza, Suite 3341  
Oakland, California 94612-2032

**Subject: Report of an Emergency Removal Action  
205/209 Brush Street  
Oakland, CA**

Dear Mr. Matthews:

The Port of Oakland (Port) herein submits a report, "*Removal Action Oversight and Documentation at Downtown Oakland CNG Station, 205/209 Brush Street, Oakland, California 94607*", prepared on the Port's behalf by R&M Environmental and Infrastructure Engineering, Inc. (R&M); dated October 16, 2007. This report documents an emergency removal action conducted by the Port in April of this year overseen by the Hazardous Materials Unit. Impacted soils were encountered during the construction of a compressed natural gas (CNG) service station located on Port property. The Port stepped in and removed the offending material, filed a "Notice of a Release" to the local regulatory agencies, and prepared the report noted above.

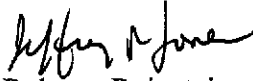
Because characterization of the entire site was not within the scope of work, no attempt was made by the Port to define the full extent of the release in the soils and underlying groundwater. The focus of the removal was simply to keep the construction project on schedule. Therefore, the report provides recommendations for further work in concurrence with a local environmental oversight agency including the following steps:


- a) Perform a Phase I Environmental Site Assessment (ESA) based on the knowledge the 205/209 Brush Street site was formerly used for the manufacture of paint.
- b) Perform a site characterization study.
- c) Assess the findings for further threat to human health and the environment.
- d) Perform remediation as directed by the local oversight agency.

Mr. Keith Matthews  
October 30, 2007  
Page 2

Upon reviewing this report, should you have any questions and/or comments, please contact John Prall at (510) 627-1373 or by e-mail at [jprall@portoakland.com](mailto:jprall@portoakland.com).

Sincerely,



 Roberta Reinstein,  
Manager, Environmental Programs & Safety Department

Enclosure noted

CC: John Prall, Port of Oakland  
Jeff Jones, Port of Oakland  
Michele Heffes, Port of Oakland  
Deborah Ballati, Farella Braun + Martell

## **Drogos, Donna, Env. Health**

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**From:** Drogos, Donna, Env. Health  
**Sent:** Monday, October 29, 2007 2:58 PM  
**To:** LGriffin@oaklandnet.com  
**Cc:** 'John Prall'; Keith Matthews  
**Subject:** RE: 205/209 Brush Street Oversight

Hi Leroy, I have not seen any case transfer of this site to ACEH. Are you planning on sending over the reports & data?  
Thanks, Donna

Donna L. Drogos, PE  
LOP Program Manager  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502

510-567-6721  
donna.drogos@acgov.org

<http://www.acgov.org/aceh/index.htm>

-----Original Message-----

**From:** John Prall [mailto:jprall@portoakland.com]  
**Sent:** Monday, October 29, 2007 2:30 PM  
**To:** Drogos, Donna, Env. Health; Keith Matthews  
**Subject:** 205/209 Brush Street Oversight

Donna & Keith-

I am contacting both of you regarding the establishment of regulatory oversight for a Port of Oakland (Port) environmental site located at 205/209 Brush Street, Oakland, California. The Port submitted a "Notification of a Release" in April of this year to various regulatory agencies including the City of Oakland and Alameda County Health Care Services Agency regarding a discovery of a problem on Port property (see attachment below). The discovery was made by a contractor during the early stages of the construction project and a speedy response by the Port was necessary to prevent the loss of grant funds supporting the construction project. The Port initially approached the City of Oakland about oversight because of the City's prior involvement through CUPA for an underground storage tank (UST) removal project on the same property. Mr. Keith Mathews from the City of Oakland responded to the request for regulatory oversight during the course of an emergency removal action conducted by the Port. Mr. Mathews indicated at the time, he would temporarily continue to provide oversight and he also would start the internal process to turn the site over to the County. In the meantime, the Port proceeded with a removal action now documented in a report that documents the Port's response which was to safely remove and dispose of impacted soils and replace with clean fill so the construction work could continue unhindered.

Full site characterization was not the Port's goal at the time. Rather it was the continuation of the construction work so the project would remain on schedule. The full extent of the release to soils is unknown and the impact to the shallow groundwater is also unknown. Preliminary inquiry on land usage prior to Port ownership has indicated the site was used for the manufacture of paint which is suggestive of a larger problem than what was accidentally uncovered. The Port desires for regulatory oversight to continue; however, we are unaware of the standing of the oversight transfer. The Port requests clarification of jurisdiction and the establishment of regulatory oversight for the 205/209 Brush Street site as soon as possible so we can submit our report on the removal action and move forward with the project. Thank you in advance for your attention.

John Prall  
Port Associate Environmental Scientist  
Port of Oakland  
530 Water Street  
Oakland, California 94607

(510) 627-1373

## Drogos, Donna, Env. Health

---

**From:** John Prall [jprall@portoakland.com]  
**Sent:** Monday, October 29, 2007 2:30 PM  
**To:** Drogos, Donna, Env. Health; Keith Matthews  
**Subject:** 205/209 Brush Street Oversight

**Attachments:** Notification of a Release.pdf



Notification of a  
Release.pdf ...

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John Prall  
Port Associate Environmental Scientist  
Port of Oakland  
530 Water Street  
Oakland, California 94607

(510) 627-1373  
jprall@portoakland.com



# PORT OF OAKLAND

April 20, 2006~~7~~

Mr. Leroy Griffin  
Assistant Fire Marshal  
Certified Unified Program Agency  
Oakland Fire Department  
Fire Prevention Bureau  
250 Frank Ogawa Plaza, Suite 3341  
Oakland, CA 94612

Mr. Barney Chan  
Hazardous Material Specialist  
Alameda Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502

Ms. Barbara Cook  
Region 2  
Department of Toxic Substances Control  
Site Mitigation Program  
700 Heinz Avenue, Building F, Second Floor  
Berkeley, CA 94710

Ms. Rosemary Cassa  
San Francisco Bay Regional Water Quality Control Board  
1515 Clay Street, Suite 1400  
Oakland, CA 94612

United States Environmental Protection Agency  
Region IX  
75 Hawthorne Street  
San Francisco, CA 94105

Governor's Office of Emergency Services (OES)  
California State Warning Center  
3650 Schriever Avenue  
Mather, CA 95655



# PORT OF OAKLAND

April 20, 2006

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Assistant Fire Marshal  
Certified Unified Program Agency  
Oakland Fire Department  
Fire Prevention Bureau  
250 Frank Ogawa Plaza, Suite 3341  
Oakland, CA 94612

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APR 20 2006  
10 30 AM  
473 37 2337  
ENVIRONMENTAL HEALTH SERVICES

National Response Center  
c/o United States Coast Guard (G-OPF)  
Room 2611  
2100 2<sup>nd</sup> Street, SW  
Washington, DC 20593-0001

**Subject: Notification of a Release**

Dear Mr. Griffin, Mr. Chan, Ms. Cook, Ms. Cassa, and Other Regulatory Staff:

The Port of Oakland ("Port") submits this notice to report the discovery of a petroleum distillate release in soils at Port property located at 205-209 Brush Street, Oakland, California. The tainted soils were unearthed on Monday, April 16, 2007 by a construction contractor. Soil samples have been submitted for laboratory analysis by the general contractor and the following classes of chemicals have been identified: total petroleum hydrocarbons, BTEX compounds, and purgeable organic compounds. The attached table summarizes the test results and the attached figure depicts the sample location.

The discovery was made during the early stage of construction of a compressed natural gas service station that will be located at the northern end of 2<sup>nd</sup> Street between Brush and Martin Luther King (or Market) Streets. During trenching by Clean Energy across the future machinery platform, a black sandy soil in an otherwise brownish sand was encountered that emitted a distinctive solvent-type odor. The odor quickly dissipated leaving the soils a light grey color. A minor portion of the trench was further excavated to determine if the impacted soils persisted with depth and found the impacts continued undiminished to a total depth of about 6 feet below the original ground surface. The open excavation was covered with plastic film as were all of the excavation spoils; the plastic film was secured against the wind with sandbags. Stormwater protection best management practices were also put into place by the contractor including placing absorbent hay rolls around the excavation and the nearby storm drain inlet downgradient of the project.

A limited geotechnical and environmental investigation was conducted prior to the start of construction and only minor "hits" of petroleum hydrocarbons were noted. In retrospect, the problem soils apparently lie between the two prior exploratory borings and suggest a localized occurrence.

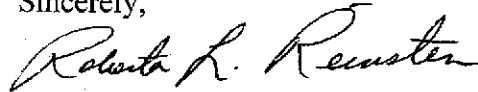
The Port believes there is no risk to human health or safety presented by the covered excavation and stockpiled materials. Pursuant to a verbal or written directive, the Port will perform a limited removal action of the soils that is an immediate impediment to the construction work. The impacted soils will be removed from the footprint of the machinery platform probably until the groundwater table is encountered. The excavation will be backfilled with clean soils compacted as the soils are placed.



All of the removal work will be according to a work plan and a workers health and safety plans prepared specific to the project by an environmental consultant. The consultant involvement will include their field oversight.

If you have any questions regarding this matter, please do not hesitate to contact me at (510) 627-1176 or John Prall at (510) 627-1373.

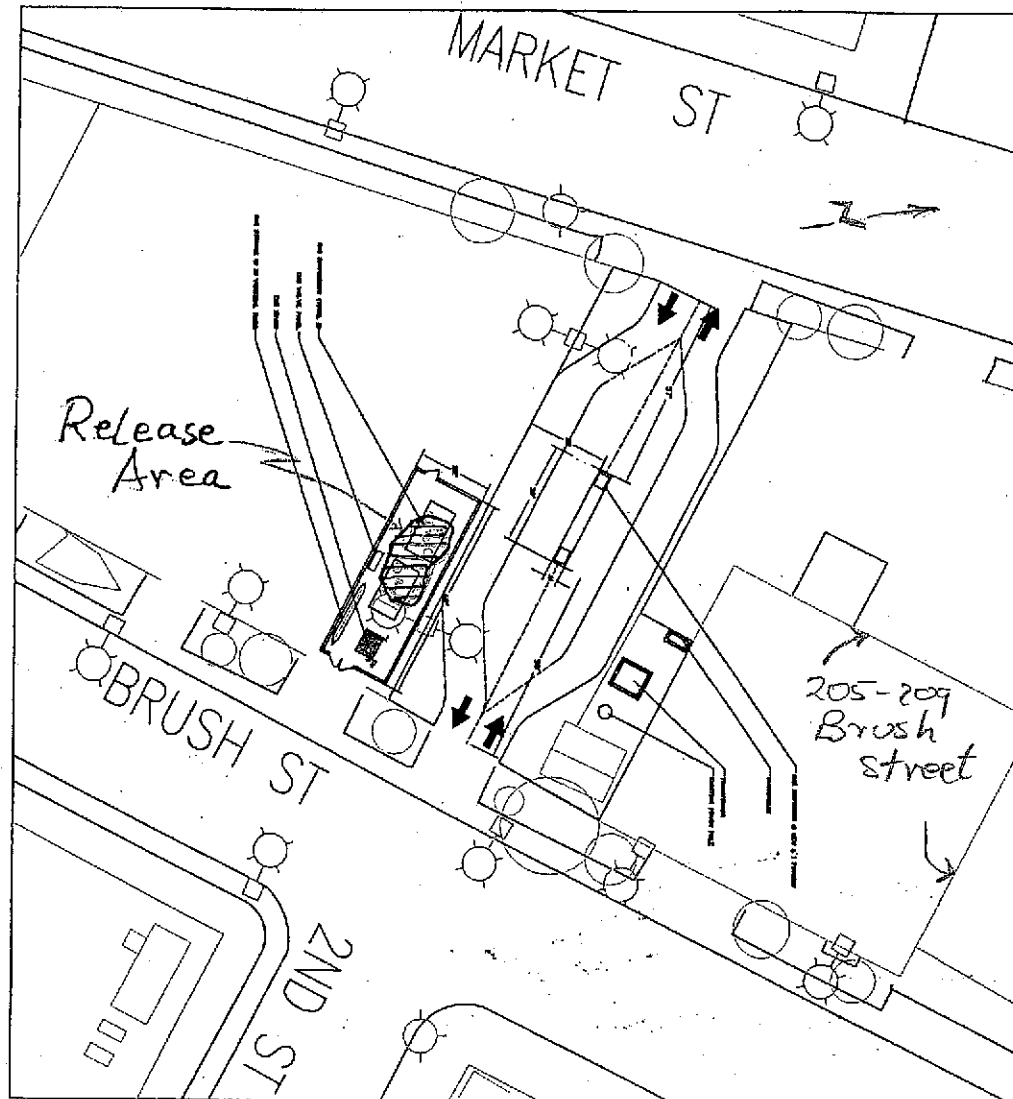
Sincerely,

A handwritten signature in cursive script that reads "Roberta R. Reinstein".

Roberta Reinstein,  
Manager Environmental Programs and Safety Department

Attachments noted

Cc: Gerald Serventi  
Jeff Jones  
John Prall  
Jill Bornor-Brown



REV	DATE	REVISION

Project No: GA-1  
 Date: N.T.S.  
 CNG STATION  
 SITE LAYOUT  
 OAKLAND - JACK LONDON SQUARE

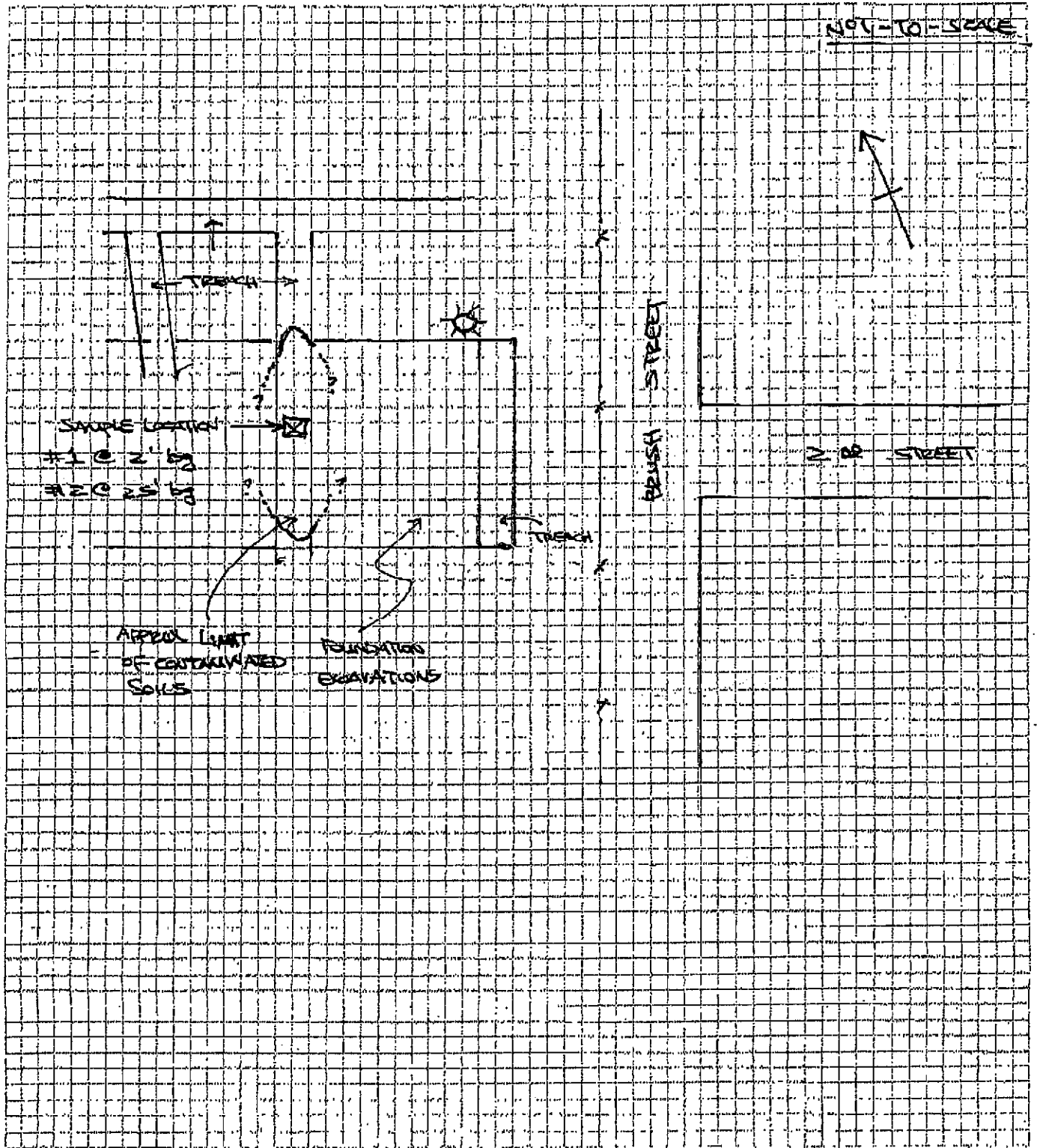


3020 OLD RANCH PARKWAY  
 SUITE 200  
 SEAL BEACH, CA 90740  
 TEL: (562) 493-2804  
 FAX: (562) 493-4532



PROJECT CNG STATION @ 2ND & BRUSH  
SUBJECT (01021-00)  
SOIL SAMPLE LOCATIONS

PAGE 1 OF 1  
DATE 4/16/07



GEOLABS, INC.

**Oakland Downtown CNG Station  
205-209 Brush Street  
Oakland, California**

<b>TPH (8015B)</b>	<b>(units)</b>	<b>Soil Sample #1</b>	<b>Soil Sample #2</b>
gasoline	mg/kg	1.9	9.1
Diesel	mg/kg	13	39
<b>BTEX (8020)</b>			
benzene	ug/kg	<5.1	<5.1
toluene	ug/kg	7.4	<5.1
ethylbenzene	ug/kg	23	<5.1
xylene	ug/kg	14	<5.1
<b>Purgeable Organics (8260B)</b>			
acetone	ug/kg	54	27
2-butanone	ug/kg	16	<9.4
benzene	ug/kg	5.2	<4.7
xylene <sup>5)</sup>	ug/kg	21.2	<4.7
isopropylbenzene	ug/kg	<4.7	7.4
propylbenzene	ug/kg	<4.7	9.2
1,3,5-trimethylbenzene	ug/kg	8.1	5.6
1,2,4-trimethylbenzene	ug/kg	22	7.5
sec-butylbenzene	ug/kg	<4.7	7.8
para-isopropyl toluene	ug/kg	<4.7	6.0
n-butylbenzene	ug/kg	<4.7	5.1
naphthalene	ug/kg	<4.7	14

**Notes:**

- 1) Samples collected by Geolabs on 4/16/2007
- 2) Sample No 1. depth = 2.0 feet bgs; Sample No. 2 depth = 2.5 feet bgs
- 3) Samples analyzed by Curtis and Tompkins, Ltd.
- 4) <4.7: less than laboratory "RL" or "reporting limit"
- 5) sum of m,p&o xylenes

Compiled by: Port of Oakland, EP & S Department 4/23/2007

**Oakland Downtown CNG Station**  
**205-209 Brush Street**  
**Oakland, California**

<b>Title 26 Metals</b>	<b>(units)</b>	<b>Soil Sample #1</b>	<b>Soil Sample #2</b>
antimony	mg/kg	<0.5	<0.5
arsenic	mg/kg	<b>1.5</b>	<b>1.6</b>
barium	mg/kg	<b>73</b>	<b>55</b>
beryllium	mg/kg	<b>0.17</b>	<b>0.17</b>
cadmium	mg/kg	<0.26	<0.25
chromium	mg/kg	<b>28</b>	<b>30</b>
cobalt	mg/kg	<b>3.8</b>	<b>4.2</b>
copper	mg/kg	<b>8.3</b>	<b>6.1</b>
lead	mg/kg	<b>19</b>	<b>1.7</b>
mercury	mg/kg	<b>0.13</b>	<b>0.038</b>
molybdenum	mg/kg	<0.26	<0.25
nickel	mg/kg	<b>16</b>	<b>17</b>
selenium	mg/kg	<0.50	<0.50
silver	mg/kg	<0.26	<0.25
thallium	mg/kg	<0.50	<0.50
vanadium	mg/kg	<b>20</b>	<b>21</b>
zinc	mg/kg	<b>21</b>	<b>14</b>

**Notes:**

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Compiled by: Port of Oakland, EP & S Department 4/24/2007