

## **Detterman, Karel, Env. Health**

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**From:** Detterman, Karel, Env. Health  
**Sent:** Tuesday, April 10, 2018 10:29 AM  
**To:** Mark McKee; Yoo, James  
**Cc:** Gary Jensen; Wood, Ryan; Peter Anastos; Nikki Jeffery; Jackson Zhang; Frank Wang  
**Subject:** RE: Drilling Permit Application at 601 E 8th St, Oakland Fuel Leak Case No. RO0003171 and GeoTracker Global ID T10000007044, BART Maintenance Shop, 601 East 8th Street, Oakland, CA 94606-3606

Hello Mark:

Thank you for the information; although the geotechnical boring doesn't appear to be located in a known underground storage tank (UST) source area, please forward copies of the analytical results and chain of custody for disposal and the signed disposal documentation to Ryan Wood, CDM Smith, for upload to Geotracker under the designation RO0003171\_MISC\_R\_yyyy-dd-mm.

James, please approve this boring application.

Sincerely,

Karel Detterman, PG  
Senior Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502  
Direct: 510.567.6708  
Fax: 510.337.9335  
Email: [karel.detterman@acgov.org](mailto:karel.detterman@acgov.org)

PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

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**From:** Mark McKee [mailto:MMcKee@parikhnet.com]  
**Sent:** Monday, April 9, 2018 5:37 PM  
**To:** Detterman, Karel, Env. Health <Karel.Detterman@acgov.org>  
**Cc:** Yoo, James <jamesy@acpwa.org>; Gary Jensen <gjensen@bart.gov>; Wood, Ryan <woodr@cdmsmith.com>; Peter Anastos <PAnastos@HNTB.com>; Nikki Jeffery <njeffery@HNTB.com>; Jackson Zhang <jzhang@parikhnet.com>; Frank Wang <FWang@parikhnet.com>  
**Subject:** RE: Drilling Permit Application at 601 E 8th St, Oakland Fuel Leak Case No. RO0003171 and GeoTracker Global ID T10000007044, BART Maintenance Shop, 601 East 8th Street, Oakland, CA 94606-3606

Karel –

Per our phone conversation today, I am providing the following to address your concerns regarding drilling at the site, and complete the County drilling permit application process.

Your area of concern appears to be further south near the Main Shop Building (referred to as the Oakland Shop Building in the second figure I've attached to compliment the one you sent, which shows our proposed geotechnical boring to be drilled to 25 feet using a truck rig equipped with a 6-inch hollow-stem augers.

The testing program would be for disposal of the cuttings only; environmental testing and monitoring is not a part of our geotechnical exploration program. The analytical testing would consist of the following:

VOCs + TPH-G EPA 8260  
SVOCs EPA 8270  
CAM 17 Metals  
TPH-Extractable (Diesel, Motor Oil, Stoddard Solvent and Mineral Spirits)

The landfill for final disposition of the soil cuttings will need to be determined based on the results of the analytical testing program.

-Mark

Mark W. McKee, PE, GE  
Sr. Project Engineer



PARIKH Consultants, Inc.  
2360 Qume Drive, Suite A  
San Jose, CA 95131  
Tel: (408) 452-9000 Ext. 113

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**From:** Detterman, Karel, Env. Health [<mailto:Karel.Detterman@acgov.org>]  
**Sent:** Monday, April 09, 2018 12:17 PM  
**To:** Mark McKee; Jackson Zhang; Frank Wang  
**Cc:** Yoo, James; Gary Jensen; Wood, Ryan  
**Subject:** FW: Drilling Permit Application at 601 E 8th St, Oakland Fuel Leak Case No. RO0003171 and GeoTracker Global ID T10000007044, BART Maintenance Shop, 601 East 8th Street, Oakland, CA 94606-3606

Hello Mark, Jackson, and Frank:

Because this is a regulated site, on March 26<sup>th</sup>, I request submittal of the work plan that includes a figure with the proposed boring and description of proposed soil analytical and disposal of investigation-derived waste to my case contact at BART, Gary Jensen. However, it appears that my e-mail was not forwarded to the correct party, so please e-mail me the requested information so that I may assess this permit application.

Thank you,

Karel Detterman, PG  
Senior Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502

Direct: 510.567.6708  
Fax: 510.337.9335  
Email: [karel.detterman@acgov.org](mailto:karel.detterman@acgov.org)

PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

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**From:** Detterman, Karel, Env. Health  
**Sent:** Monday, March 26, 2018 2:45 PM  
**To:** Gary Jensen <[gjensen@bart.gov](mailto:gjensen@bart.gov)>  
**Cc:** Wood, Ryan <[woodr@cdmsmith.com](mailto:woodr@cdmsmith.com)>  
**Subject:** FW: Drilling Permit Application at 601 E 8th St, Oakland Fuel Leak Case No. R00003171 and GeoTracker Global ID T10000007044, BART Maintenance Shop, 601 East 8th Street, Oakland, CA 94606-3606

Hello Gary:

I received this e-mail from James Yoo of Alameda County Public Works Agency regarding approval of a drilling permit for a geotechnical boring to 25 feet in depth. As you are aware, this is a regulated site and prior to approval of the drill permit, I request submittal of the work plan that includes a figure with the proposed boring and description of proposed soil analytical and disposal of investigation-derived waste.

Thank you,

Karel Detterman, PG  
Senior Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502  
Direct: 510.567.6708  
Fax: 510.337.9335  
Email: [karel.detterman@acgov.org](mailto:karel.detterman@acgov.org)

PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

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**From:** Yoo, James  
**Sent:** Friday, March 23, 2018 3:53 PM  
**To:** Detterman, Karel, Env. Health <[Karel.Detterman@acgov.org](mailto:Karel.Detterman@acgov.org)>  
**Subject:** Drilling Permit Application at 601 E 8th St, Oakland

Hi Karel,

Drilling permit application to conduct 1 borehole to 25ft. in depth for geotechnical investigation at this site.



## BART MAINTENANCE SHOP (T10000007044) - ([MAP](#))

601 EAST 8TH STREET  
OAKLAND, CA 94606  
ALAMEDA COUNTY  
**LUST CLEANUP SITE** ([INFO](#))  
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

Summary   [Case Reviews](#)   [Cleanup Action Report](#)   [Regulatory Activities](#)   [Environmental Data \(ES\)](#)

### Regulatory Profile

**CLEANUP STATUS** - [DEFINITIONS](#)

**OPEN - ELIGIBLE FOR CLOSURE AS OF 7/7/2017** - [CLEANUP STATUS HISTORY](#)

#### **POTENTIAL CONTAMINANTS OF CONCERN**

OTHER CHLORINATED HYDROCARBONS, STODDARD SOLVENT / MINERAL SPIRITS /  
DISTILLATES, WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING

#### **FILE LOCATION**

**USER DEFINED BENEFIT**

GW - MUNICIPAL AND

#### **DWR GROUNDWATER SUB-BASIN NAME**

Santa Clara Valley - East Bay Plain (2-9.04)

### Site History

Piping associated with a waste oil underground storage tank (UST) was replaced in January 2017. A 2017 Data Gap Investigation Work Plan; upon review, ACDEH concurred that no further investigation and review of the following documents: 1. An Alameda County Public Works Agency (ACPWA) Electronic Submittal of Information (ESI) Compliance to Geotracker.

## PUBLIC WORKS AGENCY

### Online Wells Permit Application System - PROCESS APPLICATIONS

#### Application Detail for Application ID 1521837622790

**Application ID:** 1521837622790

**Submitted On:** 03/23/2018 13:44:20 By: INTERNET

#### Sitemap

Receive

Ap

Pending Co

#### Project Information

**Project Site City:** Oakland

**Project Start Date:** 04/06/2018

**Property Owner:** Mark Salmon

**Owner Address:** 300 Lakeside Drive, 17th Floor  
Oakland, CA 94612

**Client:** Peter Anastos (Sr. Eng. w/ HNTB)

**Client Address:** 1111 Broadway, 9th Floor  
Oakland, CA 94607

#### Applicant Information

**Applicant:** Parikh Consultants, Inc. - Mark McKee

**Address:** 2360 Qume Drive, Suite A  
San Jose, CA 95131

**Contact Name:** Lakhwinder Bhangoo

**Contact Phone:** 408-452-9000 x112

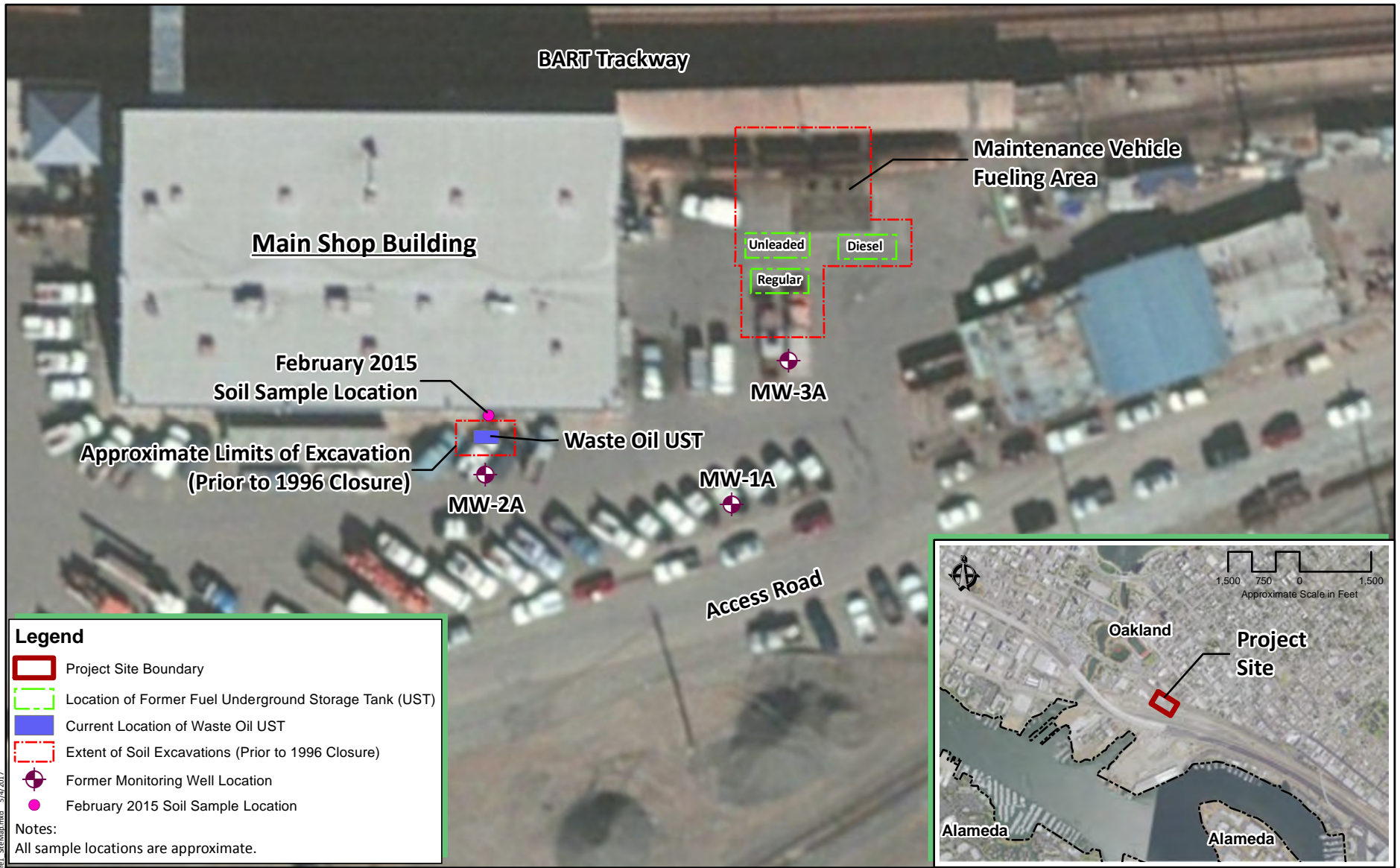
#### Site Hazard Information

**Consultant Name:** Lakhwinder Bhangoo

#### Payment Information

JAMES YOO  
ENVIRONMENTAL COMPLIANCE SPECIALIST  
ALAMEDA COUNTY PUBLIC WORKS AGENCY  
WATER RESOURCES SECTION  
399 Elmhurst Street  
Hayward, CA 94544  
Ph: 510-670-6633  
Fax: 510-782-1939  
[jamesy@acpwa.org](mailto:jamesy@acpwa.org)  
[www.acgov.org/drilling-and-wells-permit](http://www.acgov.org/drilling-and-wells-permit)



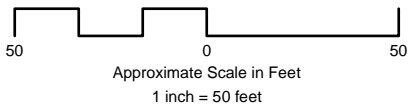


**Legend**

- Project Site Boundary
- Location of Former Fuel Underground Storage Tank (UST)
- Current Location of Waste Oil UST
- Extent of Soil Excavations (Prior to 1996 Closure)
- Former Monitoring Well Location
- February 2015 Soil Sample Location

Notes:  
All sample locations are approximate.

Sources:  
 1. Aerial Source: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
 2. Former UST and Monitoring Well Locations: Remedial Action Completion Certification (ACDEH, 1996)

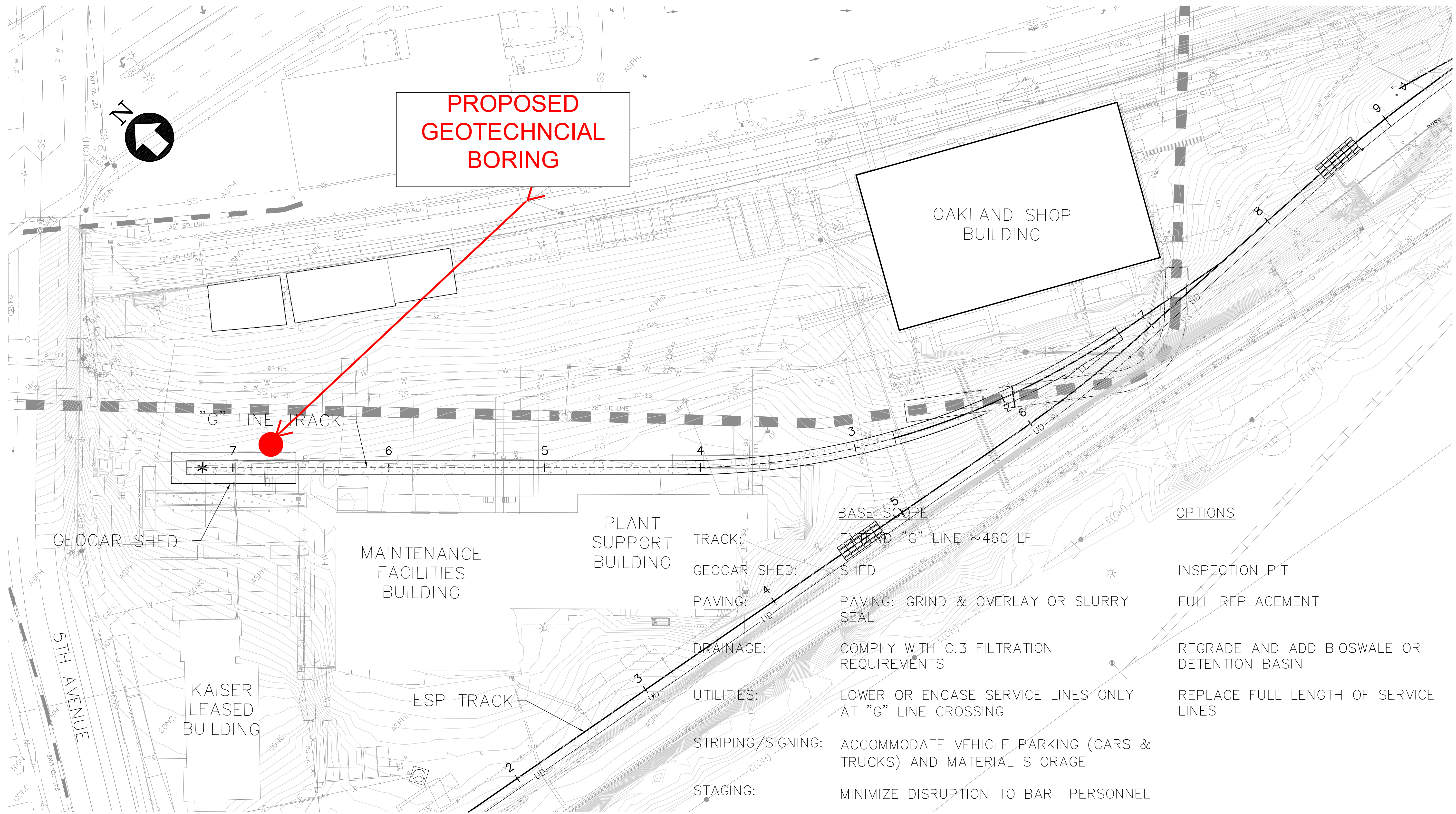


**Figure 1**  
**Site Map**  
 BART Maintenance Shop 601  
 East 8th Street, Oakland, California

G:\GIS\3245\_TBD\3186331\Figures\_SiteMap.mxd 5/4/2017



Dec 14, 2017 - 8:08am \\Oakwood\Jobs\31105\BART\_ESP\9.0\_MISC\09AU-130 Oakland Shops Spur Track\6.0\_CADD\Working Folder\Anderson\G\_Spur Exhibit\_Site.dwg



**PROPOSED  
GEOTECHNICAL  
BORING**

OAKLAND SHOP  
BUILDING

7

6

5

4

3

2

1

8

9

GEOCAR SHED

MAINTENANCE  
FACILITIES  
BUILDING

PLANT  
SUPPORT  
BUILDING

KAISER  
LEASED  
BUILDING

ESP TRACK

TRACK:

GEOCAR SHED:

PAVING:

DRAINAGE:

UTILITIES:

STRIPING/SIGNING:

STAGING:

BASE SCOPE

EXTEND "G" LINE ~460 LF

SHED

PAVING: GRIND & OVERLAY OR SLURRY SEAL

COMPLY WITH C.3 FILTRATION REQUIREMENTS

LOWER OR ENCASE SERVICE LINES ONLY AT "G" LINE CROSSING

ACCOMMODATE VEHICLE PARKING (CARS & TRUCKS) AND MATERIAL STORAGE

MINIMIZE DISRUPTION TO BART PERSONNEL

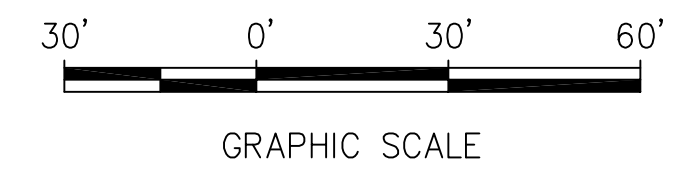
OPTIONS

INSPECTION PIT

FULL REPLACEMENT

REGRADE AND ADD BIOSWALE OR DETENTION BASIN

REPLACE FULL LENGTH OF SERVICE LINES



**DRAFT  
PHASE II SCOPING**

**SAN FRANCISCO BAY AREA RAPID TRANSIT DISTRICT  
OAKLAND SHOPS G-LINE SPUR TRACK  
SITE PLAN - OPTIONS**

**DECEMBER 11, 2017**

