

Project No.  
**7828.000.001**

January 16, 2015

Mr. Jerry Wickham  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

**RECEIVED**

*By Alameda County Environmental Health at 2:11 pm, Jan 16, 2015*

Subject: Jordan Ranch Parcel H – Former Leaking Underground Storage Tank  
Dublin, California  
ACEH Case No. R00002918

## **SOIL REMOVAL WORKPLAN**

- References:
1. ACEH Letter, Jordan Ranch, Dublin, California, December 30, 2014.
  2. ENGEO, Stockpile Reuse Plan and Reporting, Jordan Ranch Parcel H, Dublin, California, December 8, 2014.

Dear Mr. Wickham:

This workplan was prepared to address the referenced soil stockpile that is located within the Jordan Ranch Parcel H site. The purpose of the workplan is to remove soil stockpile prior to development of the site for residential use.

## **BACKGROUND**

The stockpile consists of approximately 420 cubic yards of soil that was excavated from the former UST basin. The stockpile underwent bioaugmentation treatment in 2011. Based on post-treatment confirmation samples, remaining concentrations of petroleum hydrocarbons in the stockpile are less than the established cleanup goal of 100 mg/kg. The stockpile is approved for onsite reuse provided that it is encapsulated with a minimum of 3 vertical feet of clean fill capped with hardscape. The encapsulation would occur several years from now during construction grading, at which time a final implementation report and NFA would be issued; however, the owner of the Property is unable to facilitate a sale of the Property in 2015 without a NFA status, therefore we propose to remove stockpile to achieve NFA status in 2015.

## **PROPOSED REMOVAL ACTION**

We propose to implement a removal action to facilitate disposal of the stockpile at an offsite landfill. The removal action scope will include the following:

- We will retain a backhoe subcontractor that possesses a Class A Hazmat license to perform the soil excavation and landfill disposal. We estimate that 650 tons of Class II soil will be excavated from the 11,000 square foot biotreatment cell (Figure 2). The depth of the excavation will be approximately 1.5 to 2 feet. The soil will be temporarily stockpiled onsite for approximately 2 weeks pending landfill acceptance. We will collect eight confirmation soil samples from the base of the excavation. The eight confirmation samples will be analyzed for gasoline, diesel and motor oil by EPA Test Method 8015B, silica gel cleanup by EPA Test Method 3630, and MTBE by EPA Test Method 8260B.
- We will prepare a removal action completion report for submittal to ACEH. The report will document the confirmation sampling, soil excavation, and landfill disposal. The location of the excavation will be documented on a site plan. Landfill disposal manifests and receipts will be attached to the report.

## SCHEDULE

We can perform the excavation within 2 weeks of receiving ACEH approval on the workplan. We estimate that the soil off haul would be performed approximately 2 weeks after the stockpile profile sample data is collected.

If you have any questions on any portion of this workplan, please call and we will be glad to discuss them with you.

Sincerely,

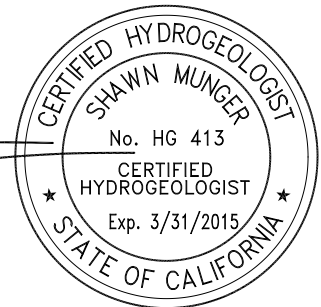
ENGEO Incorporated



Morgan Johnson

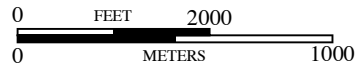


Shawn Munger, CHG



Attachments: Figure 1 – Vicinity Map  
Figure 2 – Soil Removal Workplan  
Perjury Statement

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BASE MAP SOURCE: GOOGLE EARTH



VICINITY MAP  
JORDAN RANCH - PARCEL H  
DUBLIN, CALIFORNIA

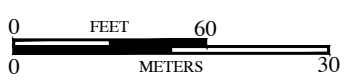
PROJECT NO.: 7828.000.001  
DATE: AS SHOWN  
DRAWN BY: SRP CHECKED BY: SM

FIGURE NO.  
**1**

C:\Users\lisa\AppData\Local\Temp\AcadPch\lisa\_4244\7828000001-SolRemov\dwg\rcel-h-2-StripPlan-0115.dwg Plot Date: 1-15-15 lisa



RCEL # J#  
TRACT 8024



**EXPLANATION**

ALL LOCATIONS ARE APPROXIMATE

- MW-5 ● MONITORING WELL
- EXCAVATION BASE CONFIRMATION SAMPLE

BASE MAP SOURCE: RJA



SOIL REMOVAL WORKPLAN  
JORDAN RANCH - PARCEL H  
DUBLIN, CALIFORNIA

PROJECT NO.: 7828.000.001	FIGURE NO.
SCALE: AS SHOWN	<b>2</b>
DRAWN BY: SRP	

January 16, 2015

Subject: Jordan Ranch Property – Former Leaking Underground Storage Tank  
Dublin, California

**PERJURY STATEMENT**

“I declare, that to the best of my knowledge at the present time, the information and/or recommendations contained in the attached document are true and correct.”

Submitted by Responsible Party:



ROBERT RADANOVICH  
BJP-ROF Jordan Ranch, LLC  
5000 Hopyard Road, #170  
Pleasanton, CA 94588