Nowell, Keith, Env. Health

From: Nowell, Keith, Env. Health
Sent: Thursday, May 05, 2016 9:00 AM
To: 'Becky Sterbentz'
Cc: Roe, Dilan, Env. Health; joehernon@gmail.com; mmkara707@aol.com; Duncan Knudsen
Subject: RE: [ADV] ACEH Correspondence for RO3192

Becky,

Thank you for your response.

Regards,
Keith Nowell

Keith Nowell PG, CHG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda , CA 94502-6540
phone: 510 / 567 - 6764
fax: 510 / 337 - 9335
email: keith.nowell@acgov.org

PDF copies of case files can be reviewed/downloaded at:

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

From: Becky Sterbentz [mailto:becky@aquifer.com]
Sent: Wednesday, May 04, 2016 3:43 PM
To: Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>
Cc: Roe, Dilan, Env. Health <Dilan.Roe@acgov.org>; joehernon@gmail.com; mmkara707@aol.com; Duncan Knudsen <dknudsen@aquifer.com>
Subject: Re: [ADV] ACEH Correspondence for RO3192

Hi Keith,

Thank you for your letter approving the work plan for supplemental investigation at 411 W. MacArthur Blvd, Oakland. I have discussed your technical comments with Michael Kara of ARS Inc., and he has discussed them with the property owner. We will address the technical comments as described below.

1. **Soil Borings**
We believe that three borings will be adequate to characterize the soil quality in the area of concern. The dimensions of this oval-shaped area are approximately 32 feet long by 12 feet wide. The area of the oval is approximately 301 square feet. Each of the three borings will represent approximately 100 square feet.

2. Soil Bore Logging
Aquifer Sciences will prepare lithologic logs of the soil borings. The logs will be included in the data report.

3. Soil Screening
Aquifer Sciences will employ a photoionization detector (PID) to screen the soil in the field. The PID readings will be recorded in the lithologic logs.

4. Cross Sections
According to ARS Inc., cross sections were prepared by another geologist (Jim Gribi) using existing data. These cross sections will be provided to Aquifer Sciences for addition of the lithologic data from the three new borings. The cross sections will be included in the data report.

5. Soil Sampling
Aquifer Sciences will collect an adequate number of soil samples from each boring to characterize the vertical and lateral extent of contamination. The samples will be collected at intervals of no more than 5 feet. Particular attention will be focused on any zones of obvious staining, odor, elevated PID readings, lithologic change, and the soil/groundwater interface.

6. Investigation Derived Waste
All investigation-derived waste will be placed in a 55-gallon DOT drum. Aquifer Sciences will collect one composite soil sample of the drill cuttings stored in the drum. The composite sample will be analyzed for gasoline and BTEX, and the results will be included in the data report and utilized for soil profiling purposes. The disposal manifest will be provided to ACDEH.

7. Reporting
The data report will present a brief discussion of the analytical results from the soil samples. The concentrations of any contaminants detected will be compared to regulatory criteria (RWQCB ESLs, February 2016). If potential health risks are identified, these may be addressed by ARS Inc. in a separate letter. The remediation system will be designed to abate fugitive emissions from the subsurface.

Becky
Rebecca Sterbentz, PG, CHG, QSP/QSD
Aquifer Sciences, Inc.
3520 Golden Gate Way
Lafayette, CA 94549
(925) 283-9098

On May 3, 2016, at 1:15 PM, dehloptoxic, Env. Health <deh.loptoxic@acgov.org> wrote:

> Dear Interested Parties,
>
> Attached is Alameda County Environmental Health's (ACEH) correspondence for your case, RO0003192
>
> Please add our email address to your book to prevent future e-mails from being filtered as spam.
>
> Sincerely,
>
> ACEH
>
> <DIR_L_2016-05-03.pdf>