

Roe, Dilan, Env. Health

From: jmonroe@raboohherconsulting.com
Sent: Wednesday, May 18, 2016 7:26 AM
To: Roe, Dilan, Env. Health
Cc: Jennifer Brady; Gary Richardson; Bob Booher; Browder, Ronald, Env. Health
Subject: Re: RO 3181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore
Attachments: Fig 2 - Excavation and Sample Map (4-20-16).jpg

Dilan,

On the figure I sent you samples SW42 through SW45 are labeled as former samples, so you would be able to see where we had left off from the prior excavation phase, prior to our removal of those soils that they initially characterized. Please note that sample designated XB8-13.0 was collected from the bottom of a test pit next to the south side of the power pole before we opened up the excavation and removed soils beneath that depth. That sample is representing a sidewall location at the base of the staining before we hit the color change where soils cleaned up. The report will clarify sampling details including sample SW64-d14.0 which actually represents a bottom sample, was collected as we were excavating and moving north from the base of the sidewall at the time in that area. If I did not collect that sample as we were digging I would not have been able to reach that location again with the equipment limitations after passing that location, therefore it actually represented our excavation bottom floor and vertical extent beneath the stained plume.

If you look at the attached Figure 2 you will see multiple samples listed at the same location, this is due to the profile line sampled from various elevations. For example, sample SW55-d6.5 was collected directly above WB8-d13.0 (SW55-d6.5/XB8-d13), samples SW58 -SW60 were collected vertically in the sample line at various elevations of 6.5, 10, and 13 feet in the stained plume to document that plume profile, labelled on the figure as SW58-d6.5/SW59-d10/SW60-d13.

Please call me if you additional questions.

Regards,

Jeff Monroe
530-237-6628

From: "Roe, Dilan, Env. Health" <Dilan.Roe@acgov.org>
To: "jmonroe@raboohherconsulting.com" <jmonroe@raboohherconsulting.com>
Cc: Jennifer Brady <jbrady@ebresources.com>; Gary Richardson <grichardson@ebresources.com>; Bob Booher <bbooher@raboohherconsulting.com>; "Browder, Ronald, Env. Health" <ronald.browder@acgov.org>
Sent: Tuesday, May 17, 2016 5:38 PM
Subject: RO 3181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore

Good Afternoon Jeff:

I was looking at the attached data provided to me yesterday in more detail today and noticed the following discrepancies:

Roe, Dilan, Env. Health

From: Gary Richardson <grichardson@ebresources.com>
Sent: Tuesday, May 17, 2016 5:44 PM
To: 'Phillip Marshall'; Roe, Dilan, Env. Health
Cc: Jennifer Brady; Bob Booher; Shams Hasan; jmonroe@rabooherconsulting.com; Browder, Ronald, Env. Health; Phil Marshall
Subject: RE: RO0003181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore

Phillip: While we have and continue to appreciate and address your concerns as to our operations on the GIG Lease I would also point out the following:

1. E&B has and will continue to have ongoing operations within the GIG Facility, including producing wells and active pipelines, for the foreseeable future.
2. As is typical and consistent with DOGGR standards and protocol, and other similar operations throughout the State, oil and gas leases are tested and remediated at the end of operations (similar to most other commercial operations).
3. To remediate at the end of operations is consistent with our rights under the Oil and Gas Lease.
4. It does not make business or regulatory sense to remediate numerous times during an oil and gas operation, absent extraordinary circumstances.

Thanks, Gary

From: Phillip Marshall [mailto:phillip@mbenterprises.com]
Sent: Monday, May 16, 2016 4:58 PM
To: Roe, Dilan, Env. Health
Cc: Gary Richardson; Jennifer Brady; Bob Booher; Shams Hasan; jmonroe@rabooherconsulting.com; Browder, Ronald, Env. Health; Phil Marshall
Subject: Re: RO0003181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore

Thank you Dilan.

I'm looking forward to having this current excavation back filled and the next steps undertaken as it relates to the remaining contamination under and adjacent to the power pole.

I want to comment on Gary's previous statement that they wish to wait until decommissioning to fully remediate this site. I obviously do not agree with this approach, and am hopeful that ACDEH will support my recommendation that this site be fully remediated. If E&B knows that his work needs to be done, it should be done now rather than later.

I struggle to see the wisdom in E&B's approach, other than it being purely financially motivated. If there is a strong reason for this to wait, I am willing to listen to it, but need to have some sort of guarantee that it will be done by the responsible party, and that I will not be stuck with this liability in the future should E&B (or successor entity) not fulfill their obligations.

Any assistance or insight on Alameda County's part will be greatly appreciated.

Roe, Dilan, Env. Health

From: Roe, Dilan, Env. Health
Sent: Tuesday, May 17, 2016 5:38 PM
To: 'jmonroe@rabootherconsulting.com'
Cc: Jennifer Brady; Gary Richardson; Bob Booher; Browder, Ronald, Env. Health
Subject: RO 3181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore
Attachments: Attachment C_WO_1611371_FinalReport.pdf; Fig 2 - Excavation and Sample Map (4-20-16).jpg; StockpileLocations.jpg; GIG Table 1_Samples_4-20-16.xls

Good Afternoon Jeff:

I was looking at the attached data provided to me yesterday in more detail today and noticed the following discrepancies:

- Based on the chain of custody form, a total of eleven (11) confirmation sidewall samples were collected including ten (10) sidewall samples (SW-49 through SW-58) and one bottom sample (VB8). Figure 2 shows the locations of the ten (10) sidewall samples but does not show the location of the bottom sample. Additionally, Figure 2 shows the location of four additional sidewall samples (SW-42 through SW-45) however these samples are not included on the chain of custody form.
- It does not appear that additional borings were collected to determine the lateral and vertical extent of residual contamination remaining in the vicinity of the power pole as discussed during my site visit and as proposed in the approved Addendum to Work Plan for Soil Excavation and Groundwater Investigation, dated February 19, 2016.

Please clarify what samples were collected including whether samples were collected with designations of SW-46, SW-47 and SW-48 and revise the tables and figures accordingly and incorporate into the Soil Excavation and Backfill Report and submit to ACDEH by the due date of May 27, 2016. If the requisite scope of work was not implemented, please provide a timeline of when additional sample collection will be conducted to fully delineate the extent of residual contamination at the site.

Dilan Roe, P.E.

Program Manager – Land Use Program, Local Oversight Program, & Voluntary Remedial Action Program

Alameda County Department of Environmental Health

1131 Harbor Bay Parkway

Alameda, CA

510.567.6767; Ext. 36767

QIC: 30440

dilan.roe@acgov.org

From: jmonroe@rabootherconsulting.com [mailto:jmonroe@rabootherconsulting.com]

Sent: Monday, May 16, 2016 3:10 PM

To: Roe, Dilan, Env. Health <Dilan.Roe@acgov.org>

Cc: Jennifer Brady <jbrady@ebresources.com>; Gary Richardson <grichardson@ebresources.com>; Bob Booher <bbooher@rabootherconsulting.com>

Subject: GIG Excavation Activities

Dilan,

Roe, Dilan, Env. Health

From: Phillip Marshall <phillip@mbenterprises.com>
Sent: Monday, May 16, 2016 4:58 PM
To: Roe, Dilan, Env. Health
Cc: Gary Richardson; Jennifer Brady; Bob Booher; Shams Hasan; jmonroe@raboohherconsulting.com; Browder, Ronald, Env. Health; Phil Marshall
Subject: Re: RO0003181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore

Thank you Dilan.

I'm looking forward to having this current excavation back filled and the next steps undertaken as it relates to the remaining contamination under and adjacent to the power pole.

I want to comment on Gary's previous statement that they wish to wait until decommissioning to fully remediate this site. I obviously do not agree with this approach, and am hopeful that ACDEH will support my recommendation that this site be fully remediated. If E&B knows that his work needs to be done, it should be done now rather than later.

I struggle to see the wisdom in E&B's approach, other than it being purely financially motivated. If there is a strong reason for this to wait, I am willing to listen to it, but need to have some sort of guarantee that it will be done by the responsible party, and that I will not be stuck with this liability in the future should E&B (or successor entity) not fulfill their obligations.

Any assistance or insight on Alameda County's part will be greatly appreciated.

Best,

Phillip

Sent from my iPhone

On May 16, 2016, at 12:03 PM, Roe, Dilan, Env. Health <Dilan.Roe@acgov.org> wrote:

Good Morning Everyone:

The report on the most recent soil excavation activities conducted in April at the subject property is due to Alameda County Department of Environmental Health on May 27, 2016. It does not appear that I have received analytical data yet on the proposed soil backfill. Please let me know the status on the soil back fill as this information is required prior to backfilling and should be included in the report. Subsequent to receipt of the report ACDEH will review and provide directive on the next steps.

Thanks,

Dilan Roe, P.E.

Program Manager – Land Use Program, Local Oversight Program, & Voluntary Remedial Action Program

Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA

Roe, Dilan, Env. Health

From: jmonroe@raboohherconsulting.com
Sent: Monday, May 16, 2016 3:10 PM
To: Roe, Dilan, Env. Health
Cc: Jennifer Brady; Gary Richardson; Bob Booher
Subject: GIG Excavation Activities
Attachments: Attachment C_WO_1611371_FinalReport.pdf; Fig 2 - Excavation and Sample Map (4-20-16).jpg; StockpileLocations.jpg; GIG Table 1_Samples_4-20-16.xls

Dilan,

Attached is a Figure 1 with the location of the excavation and excavation samples with an analytical summary table. I am waiting for a revised laboratory report with the Fish Bioassay and will forward that as soon as I get it, but I have attached the lab report for everything else for now. I have also included an aerial of the 2 stockpile locations that I collected samples from for our import backfill material.

Approximately 30-40 cubic yards of soil was removed from the landscaping area (berm) prior to excavation activities and temporarily stockpiled on site at the east end, out of the way of activities. This material is primarily dark brown Clay (CH-CL) which we propose to use to replace the landscaping berm with. One discrete sample designated CF6 was collected from this pile. No oil staining or odors were observed in either stockpiles.

A discrete sample designated CF7 was collected from a stockpile approximately 180 cubic yards on Phillip Marshall's adjacent property. This soil was generated from his grading activities installing a road on his place. This stockpile is primarily a sandy-silt with some clay, medium brown in color. No construction debris or organic materials were observed in either stockpiles. We propose backfilling the main excavation with this material (14' bgs to subgrade).

Pending your review and approval to backfill we will schedule our contractor. Also please note that prior to backfilling the excavation, plastic sheeting (visqueen) will be placed between the clean fill and the oil impacted sidewalls. Please call me if you have any questions at 530-237-6628.

Thanks,

Jeff



E&B Natural Resources Management Co
 1600 Norms Road
 Bakersfield, California 93306

FIGURE 2
4-20-16 Final Excavation and Sample Location Map

Robert A. Booher Consulting
 Environmental Planning & Management
 3287 Congressional Court
 Fairfield, California 94534
 Telephone (707) 398-7835

Legend

- Blue outline: Excavation Area
- Yellow dots: Sampling Locations

Scale: 0, 20, 40 Feet

Patterson Pass Rd 2063

LandscapingStockpile_CF6

Stockpile CF7

© 2016 Google

382 ft

1993

Imagery Date: 10/30/2015 lat 37.693045° lon -121.689198° elev 657 ft

GOO



Table 1
4/20/16 Excavation and Clean Fill (CF) Sample Analytical Summary

Sample ID Depth	Date Sampled	TPA-d	IPH-d	TPH MO	VOC's §280	Semi-VOC's §279	CAM 17 Metals (TTLc)																
							Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
X58-13.0	4/20/2016	ND<1	150	830	ND<0.05	ND<1	ND<2	3.5	280	0.29	ND<0.4	15	5.4	7.2	3.9	ND<0.05	ND<0.05	14	ND<3	0.16	ND<5	28	23
SW49-d7.5	4/20/2016	ND<1	6.1	53	ND<0.05	ND<1	ND<2	2.5	280	0.43	ND<0.4	25	6.8	8.7	5.1	ND<0.05	ND<0.05	22	ND<3	0.16	ND<5	36	31
SW50-d11.5	4/20/2016	ND<1	16	130	ND<0.05	ND<1	ND<2	3	360	0.39	ND<0.4	23	8.7	11	5.2	ND<0.05	ND<0.05	24	ND<3	0.12	ND<5	33	30
SW51-d8.0	4/20/2016	ND<1	4.4	25	ND<0.05	ND<1	ND<2	1.9	200	0.43	ND<0.4	25	6.9	9.5	4.9	ND<0.05	ND<0.05	24	ND<3	0.2	ND<5	32	31
SW52-d11.0	4/20/2016	ND<1	ND	ND	ND<0.05	ND<1	ND<2	3	470	0.53	ND<0.4	30	8.9	13	6.3	ND<0.05	ND<0.05	30	ND<3	0.17	ND<5	41	41
SW53-d7.5	4/20/2016	ND<1	ND	17	ND<0.05	ND<1	ND<2	2.7	310	0.51	ND<0.4	30	10	14	6.6	ND<0.05	ND<0.05	27	ND<3	0.19	ND<5	37	
SW54-d12.0	4/20/2016	ND<1	230	1100	ND<0.05	ND<1	<2	1.8	120	0.15	ND<0.4	8	3.1	4.3	2.4	ND<0.05	0.071	7.7	ND<3	ND<0.05	ND<5	16	14
SW55-d6.5	4/20/2016	ND<1	19	1300	1	**1	ND<2	2.6	320	0.35	ND<0.4	20	8.3	10	5.2	ND<0.05	ND<0.05	22	ND<3	0.062	ND<5	29	28
SW56-d12.0	4/20/2016	ND<1	ND<1	ND<10	ND<0.05	ND<1	ND<2	3.5	360	0.37	ND<0.4	18	6.8	10	4.9	ND<0.05	ND<0.05	17	ND<3	0.18	ND<5	33	27
SW57-d8.0	4/20/2016	ND<1	5.1	35	ND<0.05	ND<1	ND<2	2.2	190	0.35	ND<0.4	16	6	8.6	4.4	ND<0.05	ND<0.05	18	ND<3	0.096	ND<5	25	24
SW58-d6.5	4/20/2016	2.4	240	250	**2	**2	ND<2	2.4	220	0.41	ND<0.4	24	6.8	8.8	5.1	ND<0.05	ND<0.05	23	ND<3	0.19	ND<5	33	30
SW59-d10.0	4/20/2016	86	1700	1700	**3	**3	ND<2	3.5	300	0.37	ND<0.4	19	6.5	9.7	4.6	ND<0.05	ND<0.05	18	ND<3	0.19	ND<5	33	27
SW60-d13.0	4/20/2016	ND<1	91	450	ND<0.05	ND<1	ND<2	4.2	200	0.23	ND<0.4	11	4.7	6.2	4.6	ND<0.05	0.15	11	ND<3	0.096	ND<5	22	19
SW61-d12.0	4/20/2016	ND<1	ND<1	ND	ND<0.05	ND<1	ND<2	2.8	330	0.35	ND<0.4	18	6.3	8.9	4.6	ND<0.05	ND<0.05	18	ND<3	0.16	ND<5	31	27
SW62-d8.0	4/20/2016	ND<1	ND<1	ND	ND<0.05	ND<1	ND<2	2.1	210	0.27	ND<0.4	13	4.1	7.3	3.3	ND<0.05	<.05	15	ND<3	0.17	ND<5	24	21
SW63-d5.0	4/20/2016	ND<1	ND<1	ND	ND<0.05	ND<1	ND<2	2.8	260	0.4	ND<0.4	23	7.8	9.3	5	ND<0.05	<.05	22	ND<3	0.23	ND<5	35	29
SW64-d14.0	4/20/2016	ND<1	ND<1	ND	ND<0.05	ND<1	ND<2	2.3	270	0.33	ND<0.4	17	5.6	7.9	4.3	ND<0.05	ND<0.05	18	ND<3	0.2	ND<5	29	26
CF6	4/20/2016	ND<1	ND<1	ND<10	ND<0.05	ND<1	ND<2	2.5	100	0.33	0.11	46	11	31	6.6	0.072	ND<0.05	42	ND<	0.22	1.5	49	45
CF7	4/20/2016	ND<1	ND<1	19	ND<0.05	ND<1	ND<2	2.6	30	0.25	0.29	42	4.3	7.2	4.2	ND<0.05	0.3	31	ND<	0.13	ND<5	27	30

Analytical Results in mg/kg. TPH = Total Petroleum Hydrocarbons, VOC = Volatile Organic Compounds
 ND = Not Detected at or above Laboratory Detection Limits

*1: n-Butylbenzene 0.079, sec-Butylbenzene 0.32, tert-Butylbenzene 0.036

**1: Fluorene 1.8, 2-Methylnaphthalene 0.97, Phenanthrene 2.8

**2: sec-Butylbenzene 0.042, tert-Butylbenzene 0.0072

**3: bis(2-Ethylhexyl)phthalate 0.077, Phenanthrene 0.58

*2: n-Butylbenzene 0.13, sec-Butylbenzene 0.32, tert-Butylbenzene 0.037, isopropylbenzene 0.53, Naphthalene 0.18, n-Propylbenzene 0.63

*3: Fluorene 1.8, 2-Methylnaphthalene 1.1, Phenanthrene 3.2

Roe, Dilan, Env. Health

From: Jennifer Brady <jbrady@ebresources.com>
Sent: Monday, May 16, 2016 2:27 PM
To: Roe, Dilan, Env. Health
Cc: Bob Booher; Shams Hasan; jmonroe@rabooherconsulting.com; Browder, Ronald, Env. Health; 'Phillip Marshall'; Gary Richardson
Subject: RE: RO0003181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore

Good afternoon Dilan,

Jeff Monroe is waiting on the fish tox bioassay results for the clean fill, but will forward to you in a separate email what is available pending those results.

Regards,

Jennifer Brady

Environmental Compliance Coordinator

E&B Natural Resources Management
3000 James Road
Bakersfield, CA 93308
Tel: 661.616.6176
Cell: 661.428.6146
Fax: 661.616.6179

From: Gary Richardson
Sent: Monday, May 16, 2016 2:23 PM
To: 'Roe, Dilan, Env. Health'
Cc: Jennifer Brady; Bob Booher; Shams Hasan; jmonroe@rabooherconsulting.com; Browder, Ronald, Env. Health; 'Phillip Marshall'
Subject: RE: RO0003181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore

Thank you Dilan. I understand that Jennifer Brady has the latest information on the soil backfill and has been communicating with Jeff Monroe. Therefore Jennifer should respond in that regard.

Gary Richardson

Vice President of Land

E & B Natural Resources Management Corp.

D: 661-636-6991

C: 661-428-2391

From: Roe, Dilan, Env. Health [<mailto:Dilan.Roe@acgov.org>]
Sent: Monday, May 16, 2016 12:03 PM
To: Gary Richardson; 'Phillip Marshall'
Cc: Jennifer Brady; Bob Booher; Shams Hasan; jmonroe@rabooherconsulting.com; Browder, Ronald, Env. Health
Subject: RO0003181, GIG Facility Soil Cleanup, 8477 Patterson Pass Road, Livermore

Good Morning Everyone:

The report on the most recent soil excavation activities conducted in April at the subject property is due to Alameda County Department of Environmental Health on May 27, 2016. It does not appear that I have received analytical data yet on the proposed soil backfill. Please let me know the status on the soil back fill as this information is required prior to backfilling and should be included in the report. Subsequent to receipt of the report ACDEH will review and provide directive on the next steps.

Thanks,

Dilan Roe, P.E.

Program Manager – Land Use Program, Local Oversight Program, & Voluntary Remedial Action Program

Alameda County Department of Environmental Health

1131 Harbor Bay Parkway

Alameda, CA

510.567.6767; Ext. 36767

QIC: 30440

dilan.roe@acgov.org

From: Gary Richardson [<mailto:grichardson@ebresources.com>]

Sent: Thursday, May 12, 2016 3:26 PM

To: 'Phillip Marshall' <phillip@mbenterprises.com>

Cc: Jennifer Brady <jbrady@ebresources.com>; Bob Booher <bbooher@raboohherconsulting.com>; Shams Hasan <shasan@ebresources.com>; jmonroe@raboohherconsulting.com; Roe, Dilan, Env. Health <Dilan.Roe@acgov.org>

Subject: RE: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

Phillip: We were advised that our consultant has received results from the recent testing and is in the process of reviewing such results with Alameda County. Unless the test results or the County indicates otherwise, our intent would be to follow the recommendations of the report and work plan as noted: *“The final excavation limits were constrained at the western end of the excavation due to the presence of a power pole and electrical sub-panels. The Conclusions and Recommendations section of the Report indicates that additional excavation in the area of the power pole and subpanels could be performed in the future if required, during facility decommissioning.”*

As soon as a report on the results of the testing is available we will share that information with you. Thanks for your patience.

Gary Richardson

Vice President of Land

E & B Natural Resources Management Corp.

1400 Easton Dr., Suite 141

Bakersfield, CA 93309

D: 661-636-6991

C: 661-428-2391

From: Phillip Marshall [<mailto:phillip@mbenterprises.com>]

Sent: Thursday, May 12, 2016 11:55 AM

To: Gary Richardson; jmonroe@raboohherconsulting.com; dilan.roe@acgov.org

Cc: Jennifer Brady; Bob Booher; Shams Hasan

Subject: RE: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

Good morning all.

Just checking in to see if you have any updates for us on the next steps at our property.

Best,

Phillip



Phillip Marshall
Sr. Vice President of Operations
phillip@mbenterprises.com
P.O. Box 2188
Livermore, CA 94551-2188
T(925) 449-4020 C(925) 640-6486

From: Phillip Marshall

Sent: Tuesday, May 10, 2016 12:06 PM

To: 'Gary Richardson' <grichardson@ebresources.com>; jmonroe@raboohherconsulting.com; 'dilan.roe@acgov.org' <dilan.roe@acgov.org>

Cc: Jennifer Brady <jbrady@ebresources.com>; Bob Booher <bbooher@raboohherconsulting.com>; Shams Hasan <shasan@ebresources.com>

Subject: RE: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

All –

I just wanted to check in with you and see where we stand on the remediation activities that commenced last month.

It is my understanding from conversations with Jeff Monroe and Dilan Roe that the excavations that began on April 19th have yet to be completed, especially in the area around the power pole. I would like to understand where we are going from here, and how you anticipate achieving full remediation of this site. I am under the impression from my conversations that there is further contaminated soils under the power pole, and that a decision on how to proceed must be made on this matter.

Gary – your email below indicated that Mike Smith spoke with PG&E regarding the process to remove the pole to effect this cleanup operation. I am hopeful that since we have had many months to do this, that this process is well under way, and that we will not have to wait too much longer to close this matter out. I'm also a bit confused about the second paragraph of your email below. The first sentence is contained in the letter from Dilan that I received on the 29th, but I do not see the second sentence included. Please let me know where that information came from, as I would much prefer to have the remediation completed now, rather than sometime in the future when the facility is decommissioned. Thank you for looking into both of these matters – your attention to them is appreciated.

Best,

Phillip



Phillip Marshall

Sr. Vice President of Operations
phillip@mbenterprises.com
P.O. Box 2188
Livermore, CA 94551-2188
T(925) 449-4020 C(925) 640-6486

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Cc: Jennifer Brady <jbrady@ebresources.com>; Bob Booher <bbooher@raboohherconsulting.com>; Shams Hasan <shasan@ebresources.com>
Subject: RE: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

Phillip - as stated work is scheduled to commence tomorrow. When Mike Smith spoke with PG&E their process was several months in length. A decision was made with Alameda County and incorporated into the Work Plan Addendum to move forward with the final delineation (see Alameda comments below) and sampling. Prior to sampling around the pole Jeff Monroe plans to add support for the electrical system. Jennifer Brady also plans to be present for a portion of the work tomorrow as well. I hope this helps. Obviously let us know what your concerns are.

From Dilan Roe's letter of March 29th - The final excavation limits were constrained at the western end of the excavation due to the presence of a power pole and electrical sub-panels. The Conclusions and Recommendations section of the Report indicates that additional excavation in the area of the power pole and subpanels could be performed in the future if required, during facility decommissioning.

Thanks,

Gary

From: Phillip Marshall [<mailto:phillip@mbenterprises.com>]
Sent: Monday, April 18, 2016 10:10 AM
To: jmonroe@raboohherconsulting.com
Cc: Gary Richardson; Jennifer Brady; Bob Booher
Subject: RE: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

Jeff –

Thanks for the update. Let's take a look at this when on-site tomorrow and discuss with ACEHD.

Best,

Phillip



Phillip Marshall
Sr. Vice President of Operations
phillip@mbenterprises.com
P.O. Box 2188
Livermore, CA 94551-2188
T(925) 449-4020 C(925) 640-6486

From: jmonroe@raboohherconsulting.com [<mailto:jmonroe@raboohherconsulting.com>]
Sent: Monday, April 18, 2016 9:58 AM

To: Phillip Marshall <phillip@mbenterprises.com>

Cc: Gary Richardson <grichardson@ebresources.com>; Jennifer Brady <jbrady@ebresources.com>; Bob Booher <bbooher@raboohherconsulting.com>

Subject: Re: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

Phillip,

I would like to clarify my last e-mail that PG&E was contacted by E&B and the process for replacement with PG&E would possibly take considerable time. In order to meet the ACEHD deadline for further delineation E&B has decided to continue activities prior to such time replacement of the power subpanel pole can be done.

Thanks,

Jeff

From: Phillip Marshall <phillip@mbenterprises.com>

To: "jmonroe@raboohherconsulting.com" <jmonroe@raboohherconsulting.com>

Cc: Gary Richardson <grichardson@ebresources.com>; Jennifer Brady <jbrady@ebresources.com>; Bob Booher <bbooher@raboohherconsulting.com>

Sent: Monday, April 18, 2016 8:20 AM

Subject: RE: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

I understand the desire to not want to remove the pole, but I think it is in all of our best interest to fully remediate the site, which would include underneath the pole.

Has anybody approached PG&E to discuss what would be involved in doing so? We've had a very long time since the contamination under the pole was discovered, and I hope that this has been addressed properly.

Best,

Phillip

Phillip Marshall

Sr. Vice President of Operations

phillip@mbenterprises.com

P.O. Box 2188

Livermore, CA 94551-2188

T(925) 449-4020 C(925) 640-6486

From: jmonroe@raboohherconsulting.com [<mailto:jmonroe@raboohherconsulting.com>]

Sent: Monday, April 18, 2016 8:16 AM

To: Phillip Marshall <phillip@mbenterprises.com>

Cc: Gary Richardson <grichardson@ebresources.com>; Jennifer Brady <jbrady@ebresources.com>; Bob Booher <bbooher@raboohherconsulting.com>

Subject: Re: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

Phillip,

At this time I am hoping not to remove the power pole, however I will defer to E&B to answer if and when the agreement with PG&E is completed.

Jeff

From: Phillip Marshall <phillip@mbenterprises.com>
To: "jmonroe@rabooherconsulting.com" <jmonroe@rabooherconsulting.com>
Cc: Gary Richardson <grichardson@ebresources.com>; Jennifer Brady <jbrady@ebresources.com>; Bob Booher <bbooher@rabooherconsulting.com>
Sent: Monday, April 18, 2016 8:12 AM
Subject: RE: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

Jeff –

Thank you for the update.

The only question I have is as it relates to the power pole that stands in the way of the excavation. What preparations have been made with PG&E to make sure we can get everything that is under that pole?

Best,

Phillip

Phillip Marshall
Sr. Vice President of Operations
phillip@mbenterprises.com
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Livermore, CA 94551-2188
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From: jmonroe@rabooherconsulting.com [<mailto:jmonroe@rabooherconsulting.com>]
Sent: Monday, April 18, 2016 8:10 AM
To: Phillip Marshall <phillip@mbenterprises.com>
Cc: Gary Richardson <grichardson@ebresources.com>; Jennifer Brady <jbrady@ebresources.com>; Bob Booher <bbooher@rabooherconsulting.com>
Subject: Continued Excavation Activities tomorrow, Apr. 19th. E&B's GIG Project

Hi Phillip,

I just wanted to follow up to my phone message last Friday, as of now it looks like Peter will be able to get a backhoe in tomorrow to continue our excavation activities. ACEHD will also come to observe the excavation and sampling activities.

Call me if you have questions.

Thanks,

Jeff

Roe, Dilan, Env. Health

From: jmonroe@raboohherconsulting.com
Sent: Monday, April 18, 2016 8:13 AM
To: Roe, Dilan, Env. Health
Subject: E&B GIG Excavation Activities, Livermore

Hi Dilan,

I am not sure when we will be ready to sample and have something for you to look at tomorrow. Most likely in the mid afternoon. I will call during the day to update you of our progress.

Thanks,

Jeff

Roe, Dilan, Env. Health

From: jmonroe@rabooherconsulting.com
Sent: Friday, April 15, 2016 3:52 PM
To: Jennifer Brady; Roe, Dilan, Env. Health
Cc: Mike Smith
Subject: Re: E&B GIG Excavation Activities RO03181

I did not, but I will give him a call. Thanks!

From: Jennifer Brady <jbrady@ebresources.com>
To: "jmonroe@rabooherconsulting.com" <jmonroe@rabooherconsulting.com>; Roe Dilan Env. Health <dilan.roe@acgov.org>
Cc: Mike Smith <msmith@ebresources.com>
Sent: Friday, April 15, 2016 2:31 PM
Subject: RE: E&B GIG Excavation Activities RO03181

Jeff,

Did you already inform Phillip Marshall that we'll be starting work again on Tuesday? If not, I can send him an email. Thank you.

Jennifer Brady
Environmental Compliance Coordinator

E&B Natural Resources Management
3000 James Road
Bakersfield, CA 93308
Tel: 661.616.6176
Cell: 661.428.6146
Fax: 661.616.6179

From: jmonroe@rabooherconsulting.com [mailto:jmonroe@rabooherconsulting.com]
Sent: Thursday, April 14, 2016 4:14 PM
To: Roe Dilan Env. Health
Cc: Jennifer Brady; Mike Smith
Subject: E&B GIG Excavation Activities RO03181

Dilan,

I have a start date to continue our activities next Tuesday, April 19th. Do you want to be there to observe sampling or the excavation activities at all? Let me know and I will keep you in the loop as we progress.

Thanks,

Jeff Monroe
530-237-6628

Roe, Dilan, Env. Health

From: jmonroe@rabooherconsulting.com
Sent: Thursday, April 14, 2016 6:57 PM
To: Roe, Dilan, Env. Health
Subject: Re: E&B GIG Excavation Activities RO03181

Will do! Thanks

From: "Roe, Dilan, Env. Health" <Dilan.Roe@acgov.org>
To: "jmonroe@rabooherconsulting.com" <jmonroe@rabooherconsulting.com>
Cc: Jennifer Brady <jbrady@ebresources.com>; Mike Smith <msmith@ebresources.com>
Sent: Thursday, April 14, 2016 5:20 PM
Subject: RE: E&B GIG Excavation Activities RO03181

Hi Jeff:

Yes I would like to observe excavation and sampling activities. Please keep me posted on the dates.

From: jmonroe@rabooherconsulting.com [mailto:jmonroe@rabooherconsulting.com]
Sent: Thursday, April 14, 2016 4:14 PM
To: Roe, Dilan, Env. Health <Dilan.Roe@acgov.org>
Cc: Jennifer Brady <jbrady@ebresources.com>; Mike Smith <msmith@ebresources.com>
Subject: E&B GIG Excavation Activities RO03181

Dilan,

I have a start date to continue our activities next Tuesday, April 19th. Do you want to be there to observe sampling or the excavation activities at all? Let me know and I will keep you in the loop as we progress.

Thanks,

Jeff Monroe
530-237-6628