

RE: Homa Lane Drainage Improvements

Frank Seney <frank.seney@rve.com>

Thu 1/5/2017 3:46 PM

To: Craig S. Dunwell <mayordunwell@alphaboro.org>

Shady Side !!

I don't know when my grandfather bought the place. My mom was born in 1937 but not sure if she was born at Shady Side.

Man that would be a kick in the ass if this project was compounded from historic stuff related to Shady Side.

I also noticed a ton of Pursell's on the maps.

From: Craig S. Dunwell [<mailto:mayordunwell@alphaboro.org>]

Sent: Thursday, January 05, 2017 12:53 PM

To: Frank Seney <frank.seney@rve.com>

Subject: RE: Homa Lane Drainage Improvements

Did you read page 5-11?

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

From: "Frank Seney" <frank.seney@rve.com>

Sent: Wednesday, January 4, 2017 2:02pm

To: "Craig S. Dunwell" <mayordunwell@alphaboro.org>

Subject: Homa Lane Drainage Improvements

We are ready to make the NJDEP permit application submission and but we still need the certified property owners list for the people within 200 feet. Kevin from our office sent it to Victor but we need him to certify it.

We will have plans for you to review at the January 10th meeting and will also have the excavation quantity. It would be nice to have the quarry open to receive the excavation. The

link below will get you to the Phase IA report. As discussed do not worry that they are recommending a Phase IB as NJDEP does not always take their recommendation.

Thanks

<https://rve.sharefile.com/d-s2ccd6441735411c9>

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RE: Alpha Landfill - Homa Lane Soils

Douglas Schairer <Douglas.Schairer@rve.com>

Tue 1/17/2017 9:36 AM

To: Craig S. Dunwell <mayordunwell@alphaboro.org>

Cc: Stephanie Cuthbert <stephanie.cuthbert@rve.com>; Frank Seney <frank.seney@rve.com>

Craig –

No problem. The DEP requires that in order to characterize the soil at the donor site (Homa Lane) you will need to take a certain quantity of samples depending on how many cubic yards you are bringing in. The regulations require that each of these samples is analyzed according to published guidance. In the "Fill Material Guidance for SRP Sites" it states that:

"It is expected that donor material will be analyzed for the Target Analyte List (TAL) / Target Compound List (TCL) plus 30 and Extractable Petroleum Hydrocarbons (EPH)"

So:

(TAL) is Target Analyte List

- Volatile Organic Compounds (VOCs) and Base Neutrals (BNs)

(TCL) is Target Compound List

- Generally Metals
-

(plus 30) is 30 non-targeted compounds that the lab will report according to the Environmental Protection Agency (EPA) regulations in effect when the laboratory runs the sample.

(EPH) is Extractable Petroleum Hydrocarbons

- Oil and Gas related

These are just acronyms so us geeks don't have to write it out every time.

Depending on what the material from Homa Lane is, it may need to be included in the Beneficial Use Determination (BUD). If the material is construction and demolition material or recycled concrete then I will need to contact the DEP and see if it needs to be included in the BUD for the site. If there are no contaminants at Homa Lane and the soils are naturally occurring, the material will qualify as clean fill and can be imported once sampled.

I hope this helps clear some things up and I didn't confuse anything further. Please let me know if you need any other clarifications.

Thanks

Doug

Douglas J. Schairer, P.G., LSRP

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Cell: (609) 680-8825

www.rve.com**From:** Craig S. Dunwell [mailto:mayordunwell@alphaboro.org]**Sent:** Tuesday, January 17, 2017 7:03 AM**To:** Douglas Schairer**Cc:** Stephanie Cuthbert; Frank Seney**Subject:** FW: Alpha Landfill - Homa Lane Soils

Doug,

Could you please translate the below from geekese into English?

"They will need to analyze for TAL/TCL plus 30 and EPH."

Thanks,

Craig.

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

From: "Stephanie Cuthbert" <stephanie.cuthbert@rve.com>**Sent:** Tuesday, January 17, 2017 5:56am**To:** "Craig S. Dunwell" <mayordunwell@alphaboro.org>**Cc:** "Frank Seney" <frank.seney@rve.com>, "Douglas Schairer"<Douglas.Schairer@rve.com>**Subject:** FW: Alpha Landfill - Homa Lane Soils

Craig –

Below is regarding using soils from Homa Lane project. As noted, you have to take samples. I have asked Doug for a price / sample so we can see the approx.. costs. I suspect it will still be cheaper than paying for disposal of Homa spoils. I also believe you can test in-situ before beginning excavation. More to follow....

Stephanie Cuthbert, P.E., C.M.E.

Senior Associate

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From: Douglas Schairer
Sent: Monday, January 16, 2017 8:32 AM
To: Stephanie Cuthbert <stephanie.cuthbert@rve.com>
Subject: RE: Alpha Landfill

They can use fill from another property but will need to test it in accordance to NJDEP's clean fill guidance. They will need to analyze for TAL / TCL plus 30 and EPH. The sampling frequency is below:

Table 1: Sampling Frequency Guide for Alternative Fill Proposed Volume	Default Sampling Scheme without justification	Reduced Sampling Scheme with justification
(Cubic Yards)	(Samples)	(Samples)
0 to 20	1	1
20.1 to 40	2	2
40.1 to 60	3	2
60.1 to 80	4	2
80.1 to 100	5	2
100.1 to 200	6	3
200.1 to 300	7	3
300.1 to 400	8	4
400.1 to 500	9	4
500.1 to 600	10	5
600.1 to 700	11	5
700.1 to 800	12	6
800.1 to 900	13	6
900.1 to 1,000	14	7
1,000.1 to 2,000	15	8
2,000.1 to 3,000	16	9
3,000.1 to 4,000	17	10
4,000.1 to 5,000	18	11
5,000.1 to 6,000	19	12
6,000.1 to 7,000	20	13
7,000.1 to 8,000	21	14
8,000.1 to 9,000	22	15
9,000.1 to 10,000	23	16
10,000.1 to 11,000 *	24	17

*With volumes greater than 10,000 cubic yards, the sampling rate is 1 per additional 1,000 cubic yards. The sampling frequency may be reduced with appropriate justification, and does not require Department pre-approval.

This includes departure from the default or reduced sampling frequencies.

Let me know if you have any other questions.

Thanks
Doug

Douglas J. Schairer, P.G., LSRP

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