

Hazardous Waste Section
File Room Document Transmittal Sheet

17

Your Name: Kathleen Z. Lawson
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Facility Name: Trex Properties
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Description: April 8, 2016 CA weekly update
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Author of Doc: David Craig

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Date Recieved by File Room:

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Lawson, Kathleen

From: David Craig <drcraig@enviroanalyticsgroup.com>
Sent: Friday, April 08, 2016 8:24 AM
To: Lawson, Kathleen
Subject: FW: Trex update 04.08.16

Categories: Trex

Kathy:

Site update 04.08.16:

1. **Clean water test:** complete.
2. **VMS Pilot test:** Trex has abandoned the horizontal well design for the VMS and will move forward with the installation of a vertical well for the pilot test. A date for the installation will be provided next week.
3. **Soil Disposal:** Soil disposal from the failed horizontal well will be done after installation of vertical well for the pilot VMS. Soils will be removed by 06.16.16.
4. **Geophysical Survey:** likely a dead issue.
5. **Nexus Church IA:** follow-up testing at the church is on hold until remodeling is complete. W&R will coordinate a date for the next IA sampling event with Dr. Manyka.
6. **Leather Trimmings IA:** test complete and waiting on analytical results.
7. **Revised Cost Estimate (CAR):** W&R continues to work on revising the cost estimate in the CAR.
8. **Site Decon:** waiting on NCDEQ approval of the closure report for site.
9. **Phase III RFI Report:** waiting on comments from NCDEQ.

Let me know if you have any questions or if there are any other items that need to be included.

Thanks

David

From: David Craig
Sent: Friday, April 01, 2016 8:02 AM
To: 'Kathy Lawson (kathleen.lawson@ncdenr.gov)' <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: Trex update 04.01.16

Kathy:

Site update 04.01.16:

1. **Clean water test:** complete.
2. **VMS Pilot test & Horizontal Well:** in order to make a determination as to whether or not to install a horizontal vs. vertical wells for the VMS trial, Trex in part is waiting on a response from NCDEQ on the ability to place soils back into the excavation hole. If soil cannot be placed back into the hole, the cost of soil disposal will likely make the installation of horizontal wells impractical.
3. **Soil Disposal:** Soil disposal from the failed horizontal well will be done along with any other soils generated as part of the pilot VMS installation. Soils will be removed by 06.16.16.
4. **Geophysical Survey:** no change from 03.01.16. Survey will not likely be able to be done in time to be of benefit for the predesign.
5. **Site Decon:** waiting on NCDEQ approval of the closure report for site.

6. **Nexus Church IA:** follow-up testing at the church is currently on hold for at least two weeks until they are able to complete their remodeling. W&R will work with Dr. Manyka on a date for the next event.
7. **Leather Trimmings IA:** cracks in the floor were sealed yesterday with concrete and testing is scheduled for today and tomorrow. Brian has informed Mr. Speckman of issue related to concerns raised in the NCDEQ's 03.23.16 letter.
8. **Phase III RFI Report:** submitted to NCDEQ for review. As previously noted, some of the dates in Mr. Dunn's letter of 12.16.15 were contingent on NCDEQ's approval. Trex continues to move forward but may reach a point where work will be held up.
9. **Revised Cost Estimate (CAR):** W&R is working on revisions to the cost estimate, inclusive of treatment behind Nexus Church.

Let me know if you have any questions or if there are any other items that need to be included.

Thanks

David

From: David Craig
Sent: Friday, March 18, 2016 4:15 PM
To: 'Kathy Lawson (kathleen.lawson@ncdenr.gov)' <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: Trex update 03.18.16

Kathy:

Site update 03.18.16:

1. **Clean water test:** the clean water injection test was completed by W&R on 03.09.16. The test indicates a ROI of at least 40 feet. Formal results will be made available as part of the engineering design.
2. **Horizontal Well:** installation of the well began on 03.18.16 but was not completed as the driller ran into problems. EAG and W&R will look at other options, including a different driller and will let you know when the well might be installed.
3. **Soil Disposal:** Soils from the failed installation of the horizontal well are stored on-site. Arrangements for disposal will be made once all wastes from the installation of the horizontal well have been accumulated.
4. **VMS Pilot test:** will set a date once the horizontal well is installed.
5. **Geophysical Survey:** no change from 03.01.16. Survey will not likely be able to be done in time to be of benefit for the predesign.
6. **Site Decon:** waiting on review and approval of the closure report for site.
7. **Nexus/Leather IA reports:** submitted to NCDEQ for review.
8. **Phase III RFI Report:** submitted to NCDEQ for review. As previously noted, some of the dates in Mr. Dunn's letter of 12.16.15 were contingent on NCDEQ's approval. Trex continues to move forward but may reach a point where work will be held up.

Let me know if you have any questions or if there are any other items that need to be included.

Thanks

David

From: David Craig
Sent: Friday, March 11, 2016 7:56 AM

To: 'Kathy Lawson (kathleen.lawson@ncdenr.gov)' <kathleen.lawson@ncdenr.gov>

Subject: Trex update 03.11.16

Kathy:

Site update 03.11.16:

1. **Clean water test:** the clean water injection test was completed by W&R on 03.09.16. results will be made available as part of the engineering design.
2. **Horizontal Well:** installation is scheduled for Seadacco is scheduled for 03.17.16. Saedacco has confirmed the slotted pipe for the well has been shipped (with tentative delivery on 03.16.16).
3. **VMS Pilot test:** we will begin looking at details related to the pilot test as soon as the horizontal well is installed. As part of the test, W&R has to get the planters in front of the building backfilled to prevent short circuiting of air.
4. **Site Decon:**
 - a. Decon waters from the January and February events were shipped out 03.10.16. A copy of the manifest confirming shipment is attached for your review.
 - b. Would you provide us with an approximate date when the review might be completed?
5. **Geophysical Survey:** no change from 03.01.16.
6. **Nexus/Leather IA reports:** submitted to NCDEQ for review
7. **Phase III RFI Report:** any update on the review of the report? As previously noted, some of the dates in Mr. Dunn's letter were contingent on the approval.

Let me know if you have any questions or if there is anything else that needs to be included.

David

From: David Craig

Sent: Tuesday, March 01, 2016 12:11 PM

To: 'Kathy Lawson (kathleen.lawson@ncdenr.gov)' <kathleen.lawson@ncdenr.gov>

Subject: Trex update 03.01.16

Kathy:

Site update 03.01.16:

1. **Clean water test:** W&R experienced problems getting the wells in so the clean water test is now tentatively scheduled for March 9th. W&R will be on site to oversee the injection.
2. **Horizontal Well:** Seadacco has tentatively scheduled March 15th for the installation of the horizontal well. A firm date will be provided once W&R has confirmed someone is available to be on-site.
3. **Indoor air reports:** electronic copies have been sent with paper copies to follow.
4. **Site Decon:** report has been submitted; the waste hauler has yet to provide a date for the shipment of the decon water. I will let you know as soon as a date is provided.
5. **Geophysical Survey:** based on what W&R observed during the installation of the wells for the clean water injection it is highly unlikely the area will be cleared out in time to do the work before the scheduled deadline dates. As such this will not likely occur.

Let me know if there is anything else that needs to be addressed.

David

From: David Craig

Sent: Tuesday, February 23, 2016 2:36 PM

To: 'Lawson, Kathleen' <kathleen.lawson@ncdenr.gov>

Subject: RE: Trex update

Kathy:

Forgot to update you on that. We have issued US Waste a PO to get them removed. Holdup is in scheduling. Hope to have a date set before week's end.

David

From: Lawson, Kathleen [<mailto:kathleen.lawson@ncdenr.gov>]

Sent: Tuesday, February 23, 2016 2:32 PM

To: David Craig <dcraig@enviroanalyticsgroup.com>

Cc: McCarty, Bud <bud.mccarty@ncdenr.gov>

Subject: RE: Trex update

I'm currently working on the report and will get it done as soon as possible. Have all the drums of decon fluid and paint chips been removed from 3114 Cullman?

Kathy

Kathleen Z. Lawson

Environmental Engineer

Facility Management Branch

Hazardous Waste Section

Division of Waste Management

Department of Environmental Quality

919 707 8214 office

kathleen.lawson@ncdenr.gov

217 West Jones Street

1646 Mail Service Center

Raleigh, NC 27699-1646



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From: David Craig [<mailto:dcraig@enviroanalyticsgroup.com>]

Sent: Tuesday, February 23, 2016 2:28 PM

To: Lawson, Kathleen <kathleen.lawson@ncdenr.gov>

Subject: RE: Trex update

Kathy:

Sorry but things got busy and I lost track of time. This is where things stand:

1. **Clean water test:** weather permitting, the wells will be installed tomorrow and the injection performed on Thursday. W&R will be on site to oversee the injection.
2. **Horizontal Well:** It does not appear that the week of the 29th will be a go. Seadacco still has not confirmed when they will be able to install the horizontal well. As soon as a firm date is provided I will let you know.

3. **Indoor air report:** Fans were finally installed and the air samples were collected. W&R just received the data and has begun working on the report. If all goes as planned we will have something for submission this Monday; however, if possible could it be submitted Tuesday?
4. **Decon report:** W&R is working on the report. It should be available for submission early next week.
5. **Geophysical Survey:** still on hold until we are certain the area across from the site is no longer being used for storage as part of the Blue Line Rail Project.
6. **Phase III RFI Report:** when you have time please let us know where the review stands. Some of the dates in Mr. Dunn's letter were contingent on the approval.

Thanks

David

From: Lawson, Kathleen [<mailto:kathleen.lawson@ncdenr.gov>]
Sent: Tuesday, February 23, 2016 1:50 PM
To: David Craig <dcraig@enviroanalyticsgroup.com>
Cc: McCarty, Bud <bud.mccarty@ncdenr.gov>
Subject: RE: Trex update

David,

How are things progressing? I haven't heard from you since February 9, 2016.

Kathy

Kathleen Z. Lawson
Environmental Engineer
Facility Management Branch
Hazardous Waste Section
Division of Waste Management
Department of Environmental Quality

919 707 8214 office
kathleen.lawson@ncdenr.gov

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From: David Craig [<mailto:dcraig@enviroanalyticsgroup.com>]
Sent: Tuesday, February 09, 2016 3:35 PM
To: Lawson, Kathleen <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: RE: Trex update

Just installation of the well as I understand.

From: Lawson, Kathleen [<mailto:kathleen.lawson@ncdenr.gov>]
Sent: Tuesday, February 09, 2016 2:53 PM
To: David Craig <dcraig@enviroanalyticsgroup.com>
Subject: RE: Trex update

Pilot well test or installation?

Kathy

Kathleen Z. Lawson
Environmental Engineer
Facility Management Branch
Hazardous Waste Section
Division of Waste Management
Department of Environmental Quality

919 707 8214 office
kathleen.lawson@ncdenr.gov

217 West Jones Street
1646 Mail Service Center
Raleigh, NC 27699-1646



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From: David Craig [<mailto:dcraig@enviroanalyticsgroup.com>]
Sent: Tuesday, February 09, 2016 2:51 PM
To: Lawson, Kathleen <kathleen.lawson@ncdenr.gov>
Subject: RE: Trex update

Tentative date for the pilot well is the week of 02.29.16

From: Lawson, Kathleen [<mailto:kathleen.lawson@ncdenr.gov>]
Sent: Tuesday, February 09, 2016 2:42 PM
To: David Craig <dcraig@enviroanalyticsgroup.com>
Subject: RE: Trex update

David,

Have the horizontal wells been installed yet?

Kathy

Kathleen Z. Lawson
Environmental Engineer
Facility Management Branch
Hazardous Waste Section

Division of Waste Management
Department of Environmental Quality

919 707 8214 office
kathleen.lawson@ncdenr.gov

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From: David Craig [<mailto:drcraig@enviroanalyticsgroup.com>]
Sent: Tuesday, February 09, 2016 2:37 PM
To: Lawson, Kathleen <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: FW: Trex update

Kathy:

I was just informed Seadacco has blocked out February 24th and 25th for the clean water test. A firm date for the horizontal well is not yet set but we are potentially looking at the week of February 29th. A firm date will not be available until at least sometime next week.

We will keep you posted.

David

From: David Craig
Sent: Tuesday, February 09, 2016 11:36 AM
To: 'Lawson, Kathleen' <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: RE: Trex update

Kathy:

We have not yet installed the horizontal well for the pilot test or performed the clean water injection, although we have contracts with the driller and W&R to perform the work. My guess is that both of these will occur in the next 2-4 weeks, depending on the availability of the driller (Seadacco).

The geophysical survey is still currently on hold until the area on the other side of Cullman Ave is no longer used for storage of supplies and equipment in conjunction with the Blue Line Rail project. I know as of last week they were beginning to install the upper portion of the retaining wall behind Nexus Church. Hopefully this signals the end of using the vacant land on the other side of Cullman being used as storage.

Although we are moving forward, the time schedule as presented by Mr. Dunn was contingent on NCDEQs review and approval of the revised Phase III Report submitted by W&R. At some point in time forward progress will have to cease without formal approval from NCDEQ.

Regarding the areas cleaned during the last round of decon, areas 4, 5 and trailer 6 east were re-cleaned and sampled for those constituents that failed during the December 2015 decon event. Other areas were not included in the most current cleaning event as we firmly believe chloroform is a constituent of tap water. To confirm this a sample of tap water from the site was submitted to Pace for analysis. If chloroform is present, as expected, then re-cleaning to address chloroform will not be necessary.

I will keep you posted as to the status of the fan installation. A better idea of where things stand will be known later in the week.

Let me know if you have any other questions.

David

From: Lawson, Kathleen [<mailto:kathleen.lawson@ncdenr.gov>]
Sent: Tuesday, February 09, 2016 9:02 AM
To: David Craig <dcraig@enviroanalyticsgroup.com>
Subject: RE: Trex update

David,

One more question – The schedule submitted by Glenn Dunn on December 16, 2015 states that the SVE Pilot will be conducted between mid-January and mid-February. Have you completed the testing yet? If not, can you let me know when it will be done as we might want to come and observe?

Thank you,
Kathy

Kathleen Z. Lawson
Environmental Engineer
Facility Management Branch
Hazardous Waste Section
Division of Waste Management
Department of Environmental Quality

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kathleen.lawson@ncdenr.gov

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From: David Craig [<mailto:dcraig@enviroanalyticsgroup.com>]
Sent: Monday, February 08, 2016 10:50 AM
To: Lawson, Kathleen <kathleen.lawson@ncdenr.gov>

Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>

Subject: Trex update

Kathy:

A quick update on where things stand at the site.

1. We completed the third round of decon last week and hopefully will have the results on or before 02.18.16. the installation of the fans ran into a snag last week.
2. Apparently the fans did not arrive as expected so the company doing the install was not able to fabricate frames needed to install the fans until later in the week. It is my understanding the fans are being installed today. As Mr. Speckman will only permit the sampling to be done on the weekend, to prevent any interruptions to his business, IA testing is now scheduled for next weekend.

I will keep you posted if any other problems regarding the installation occurs.

Let me know if you have any questions.

Thanks

David