

Lawson, Kathleen

From: David Craig <dcraig@enviroanalyticsgroup.com>
Sent: Monday, July 11, 2016 5:11 PM
To: Lawson, Kathleen
Cc: Brian Bellis (bbellis@withersravenel.com)
Subject: Trex update 07.11.16

Follow Up Flag: Follow up
Flag Status: Flagged

Kathy:

Site update 07.11.16:

1. **Site Closure:** Trex received a letter from NCDEQ dated 06.28.16 officially certifying that the operational portion of the permit has been officially closed.
2. **MW repairs:** last correspondence (07.01.16) with the insurer handling the case indicates that he would be submitting a request to Charlotte to obtain approval for the repairs. Plan on following up with insurer later this week.
3. **VMS system:** W&R has begun submitting drawings to Trex for review.
4. **Nexus Church IA:** tentatively resampling at the church will occur sometime in August AFTER the remainder of the repairs have been completed.
5. **Leather Trimmings IA:** a sampling date has not yet been set for the summer season. Current intent is to combine sampling at Leather Trimming along with the sampling at Nexus Church to control costs.
6. **Revised Cost Estimate (CAR):** waiting on correspondence from NCDEQ on the revised CAR.
7. **ISCO Injection:** no change from 05.20.16 (see below).
8. **Phase III RFI Report:** no change from 05.20.16 (see below).

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David Craig



Senior Project Manager
(734)751-2270

dcraig@enviroanalyticsgroup.com

<http://www.enviroanalyticsgroup.com>

From: David Craig
Sent: Friday, June 24, 2016 4:56 PM
To: Kathy Lawson (kathleen.lawson@ncdenr.gov) <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: FW: Trex update 06.24.16

Kathy:

Site update 06.24.16:

1. **Site Closure:** US Waste picked up the drum of waste associated with the final decon efforts at the site on 06.22.16. Subsequent to the pickup, arrangements were made with Mark Burnette of NCDEQ, who was kind enough to perform an inspection on 06.24.16, to verify the condition of the site. Although you will probably receive the report directly from him, a copy of his inspection along with the manifest are attached for reference.
It appears that the next step to closure is a report from you to Bud McCarty (and possibly Jenny Lopp) to allow this to move forward. Trex is anxious to wrap this up prior to by Wednesday of next week. Again, for this type of insurance the premium is fully earned upon binding of coverage and there is no way of recouping money that could be used for other, more meaningful, purposes.
2. **MW repairs:** have a call into claims agent to confirm the status of the repairs. The delay appears to be associated with getting an updated quote from the company that has been chosen to perform the repairs. While this is taking longer than expected, it will be completed shortly.
3. **VMS system:** W&R has begun submitting drawings to Trex for review.
4. **Nexus Church IA:** no date has yet been set for resampling the church. To ensure results are representative of final conditions, resampling will occur only after all remodeling work is complete and time has been provided for volatiles from painting to dissipate.
5. **Leather Trimmings IA:** a sampling date has not yet been set for the summer season. Mr. Speckman will be contacted in the near future to determine what dates will work for him. Our hope is to combine this along with the sampling at Nexus Church to control costs.
6. **Revised Cost Estimate (CAR):** waiting on correspondence from NCDEQ on the revised CAR.
7. **ISCO Injection:** no change from 05.20.16 (see below).
8. **Phase III RFI Report:** no change from 05.20.16 (see below).

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

From: David Craig [<mailto:dcraig@enviroanalyticsgroup.com>]
Sent: Friday, June 17, 2016 8:59 AM
To: Lawson, Kathleen <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: FW: Trex update 06.07.16

Kathy:

Site update 06.17.16:

9. **Site Closure:** W&R has been out to the site and has performed a fourth wash of area 4. Analytical data was sent to the lab on a 4 day TAT. Analytical results show that the final rinsate sample and the duplicate do not contain PCE above the 1.0 ppb detection limit. A revised closure report addendum is attached for your review; W&R should be delivering a hard copy to your attention today. Disposal of the water from the final decon is currently scheduled for pickup on 06.23.16.
With the need to provide notification to the insurance agent as to whether or not coverage is required Trex is requesting NCDEQ review the addendum as quickly as possible such that a response can be provided before 06.28.16.

10. **MW repairs:** Chubb insurance has confirmed the repairs to the damaged wells will occur between mid to late June. I plan on following up with the insurance carrier next week to track their progress. Pictures of the repairs have been requested.
11. **Nexus Church IA:** a date to resample at the church will be done as soon as additional remodeling work is complete and time has been provided for volatiles from painting have had a chance to dissipate.
12. **Leather Trimmings IA:** a sampling date has not yet been set for the summer season. Mr. Speckman will be contacted in the near future to determine what dates will work for him.
13. **Revised Cost Estimate (CAR):** waiting on correspondence from NCDEQ on the revised CAR.
14. **VMS Pilot test:** no change from 05.20.16 (see below).
15. **ISCO Injection:** no change from 05.20.16 (see below).
16. **Phase III RFI Report:** no change from 05.20.16 (see below).

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David Craig



Senior Project Manager

(734)751-2270

dcraig@enviroanalyticsgroup.com

<http://www.enviroanalyticsgroup.com>

From: David Craig

Sent: Tuesday, June 07, 2016 5:33 PM

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

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

Subject: FW: Trex update 06.07.16

Kathy:

Site update 06.07.16:

1. **Site Closure:** Trex received NCDEQ's 06.02.16 letter regarding W&Rs closure report for the former Hazardous Waste Operations. As we are only 0.1 ppb away from reaching criteria for PCE it is our intent to re-decon the former storage area 4. Considering the limited nature of the decon operation, Trex has opted to utilize W&R to perform this work. Work is scheduled to be conducted tomorrow.
Assuming the analysis of the rinsewater shows ND (1.0) for PCE, Trex is requesting confirmation that closure of the storage area will be approved and that NCDEQ will confirm there is no need to move forward with renewing the PLL policy. Again as noted last week, the cost of PLL insurance is substantial, is generally NOT prorated if the policy is cancelled, and insurers do not provide extensions to current policies.
2. **MW repairs:** Chubb insurance has confirmed the repairs to the damaged wells will occur between mid to late June. Confirmation of repairs will be done by W&R while on site addressing other investigation/remedial efforts. I will also request that the insurance company provide pictures of the repair work.
3. **Nexus Church IA:** a copy of the report associated with the most recent sampling at Nexus Church is attached for your records. A hard copy is being mailed by W&R.

4. **Leather Trimmings IA:** a sampling date has not yet been set for the summer season. Mr. Speckman will be contacted in the near future to determine what dates will work for him.
5. **Revised Cost Estimate (CAR):** waiting on correspondence from NCDEQ on the revised CAR.
6. **VMS Pilot test:** no change from 05.20.16 (see below).
7. **ISCO Injection:** no change from 05.20.16 (see below).
8. **Phase III RFI Report:** no change from 05.20.16 (see below).

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David Craig



Senior Project Manager

(734)751-2270

dcraig@enviroanalyticsgroup.com

<http://www.enviroanalyticsgroup.com>

From: David Craig

Sent: Thursday, May 26, 2016 10:35 AM

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

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

Subject: FW: Trex update 05.27.16

Kathy:

Site update 05.27.16:

1. **Soil Disposal:** soils from the pilot VMS trial were removed on 05.26.16.
2. **Site Closure:** Trex would appreciate a status update on where NCDEQ stands with the review of the closure report. As the resident inspectors have removed all of their files from the site we would hope that closure can proceed.
As noted in last week's update, Trex is quickly approaching the renewal date (07.01.16) for the sudden and accidental liability insurance. There is no logical need to review this insurance as all operations have ceased and all wastes associated with the permitted operations (including wastes associated with decon) have been removed.
The cost of this insurance is substantial and is generally NOT prorated if the coverage is cancelled after issuance of the policy. In addition, past experience has shown that insurers do not provide extensions to current policies.
3. **MW repairs:** Chubb insurance has confirmed the repairs to the damaged wells will occur between mid to late June. Confirmation of repairs will be done by W&R while on site addressing other investigation/remedial efforts.
4. **VMS Pilot test:** no change from 05.20.16 (see below).
5. **ISCO Injection:** no change from 05.20.16 (see below).
6. **Nexus Church IA:** no change from 05.20.16 (see below).
7. **Leather Trimmings IA:** no change from 05.20.16 (see below).
8. **Revised Cost Estimate (CAR):** no change from 05.20.16 (see below).
9. **Phase III RFI Report:** no change from 05.20.16 (see below).

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David

From: David Craig
Sent: Friday, May 20, 2016 12:09 PM
To: Kathy Lawson (kathleen.lawson@ncdenr.gov) <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: Trex update 05.20.16

Kathy:

Site update 05.20.16:

1. **Closure Report:** Trex is requesting NCDEQ approve the closure report for Site. Trex is quickly approaching its renewal date (07.01.16) for the sudden and accidental liability insurance. As operations have ceased, and all wastes associated with operations and closure have been removed, Trex sees no need for reviewing the insurance policy. The cost of this insurance is substantial and is generally NOT prorated if the coverage is cancelled after issuance of the policy. In addition, past experience has shown that insurers do not provide extensions to current policies.
2. **VMS Pilot test:** W&R has completed their preliminary evaluation of the data and is now working on the system design.
3. **Soil Disposal:** soils from the pilot VMS trial are currently slated for removal on 05.26.16.
4. **ISCO Injection:** W&R continues to work on the UIC permit application for the injection wells.
5. **Nexus Church IA:** Nexus Church finally completed the renovations and W&R collected samples this past week. Analytical will be available in a couple of weeks. A report will follow shortly thereafter.
6. **Leather Trimmings IA:** Trex has received NCDEQ's 05.19.16 letter providing comments on the Leather Trimmings report. Trex / W&R will keep you posted regarding any future sampling dates.
7. **Revised Cost Estimate (CAR):** W&R, on behalf of Trex Properties, generated an update CAR that was submitted to NCDEQ on 05.15.16.
8. **Phase III RFI Report:** no additional comments at this time to the NCDEQ letter of 05.10.16.

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David

From: David Craig
Sent: Friday, May 13, 2016 4:46 PM
To: Kathy Lawson (kathleen.lawson@ncdenr.gov) <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: FW: Trex update 05.06.16

Kathy:

Site update 05.13.16:

1. **VMS Pilot test:** W&R has completed their preliminary evaluation of the data from the pilot trial of the VMS and has used it to update the CAR.
2. **Soil Disposal:** cost estimate being sought from Disposal Company for soils. Soils from the VMS pilot test will be disposed of by 06.16.16.
3. **ISCO Injection:** W&R continues to work on the UIC permit application for the injection wells. W&R has updated the ISCO injection costs in the CAR.
4. **Nexus Church IA:** remodeling work at the church continues to be delayed. The hope is the work will be complete sometime this weekend. If this occurs W&R will attempt to collect samples next week.
5. **Leather Trimmings IA:** waiting on comments from NCDEQ on the 04.28.16 report.
6. **Revised Cost Estimate (CAR):** W&R revised CAR cost estimate will be available next week.
7. **Site Decon:** waiting on NCDEQ approval of the closure report for site.
8. **Phase III RFI Report:** Trex has received NCDEQs 05.10.16 comments on the report. We would like to point on the following regarding paragraphs 2 and 3.
 - a. **Dry Well:** this well has been redeveloped in the hopes that it may be able to produce water during the next sampling event.
 - b. **Damaged / inaccessible wells:** we are working with the city's insurance agent to get damaged wells replaced/repared. It should be noted that damage to these wells and access, due to large scale equipment not belonging to Trex/EAG residing on top of them, is beyond our control.
 - c. **Dense vegetation:** the location of these wells is in a HEAVILY forested area near the site. I personally was down in the general area when temporary wells TMW-9 and TMW-10 were installed. At that time it was necessary to cut a path through the vegetation to make access for installation possible. In addition to vegetation there are concerns related to venomous snakes in the area. Due to these conditions locating these wells may have to be done in late fall when the trees have dropped their leaves and the ground vegetation is at a reduced state.

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David

From: David Craig
Sent: Friday, May 06, 2016 4:42 PM
To: Kathy Lawson (kathleen.lawson@ncdenr.gov) <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: Trex update 05.06.16

Kathy:

Site update 05.06.16:

1. **VMS Pilot test:** W&R continues to work on the evaluation of the data from the pilot trial of the VMS.
2. **Soil Disposal:** Soils from the VMS pilot test will be disposed of by 06.16.16.
3. **ISCO Injection:** W&R is still working on the generation of a permit application for the injection wells. Analysis of the soil oxidant demand is not yet available. This data is needed to estimate the amount of chemicals needed for treating the CVOCs.
4. **Nexus Church IA:** sampling has been postponed until next week as the remodeling was not completed as scheduled.
5. **Leather Trimmings IA:** waiting on comments from NCDEQ on the 04.28.16 report.
6. **Revised Cost Estimate (CAR):** W&R continues to work on revising the cost estimate in the CAR.
7. **Site Decon:** waiting on NCDEQ approval of the closure report for site.

8. **Phase III RFI Report:** waiting on comments from NCDEQ.

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David

From: David Craig
Sent: Friday, April 29, 2016 7:55 AM
To: Kathy Lawson (kathleen.lawson@ncdenr.gov) <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: Trex update 04.29.16

Kathy:

Site update 04.29.16:

1. **VMS Pilot test:** analytical results from testing the exhaust from the blowers was just received; W&R will begin incorporating the analytical results into their engineering evaluation of the system.
2. **Soil Disposal:** Soils from the VMS pilot test will be disposed of by 06.16.16.
3. **Nexus Church IA:** remodeling is scheduled to be completed this weekend. W&R has tentatively scheduled the collection of IA samples for next week.
4. **Leather Trimmings IA:** Report was submitted to NCDEQ yesterday.
5. **ISCO Injection:** W&R is still working on the generation of a permit application for the injection wells. Analysis of the soil oxidant demand is not yet available. This data is needed to estimate the amount of chemicals needed for treating the CVOCs.
6. **Revised Cost Estimate (CAR):** W&R continues to work on revising the cost estimate in the CAR.
7. **Site Decon:** waiting on NCDEQ approval of the closure report for site.
8. **Phase III RFI Report:** waiting on comments from NCDEQ.

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David

From: David Craig
Sent: Friday, April 22, 2016 1:34 PM
To: Kathy Lawson (kathleen.lawson@ncdenr.gov) <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: Trex update 04.22.16

Kathy:

Site update 04.22.16:

1. **VMS Pilot test:** Vertical test well was completed this week. The maximum radius of influence seen was about 30 feet; however, the actual ROI limiting factor may be the capacity of the fan to pull the required vacuum based on the number of wells. W&R is generating curves to help determine the number of vertical ports needed for the VMS at 3114 Cullman based on available equipment.
2. **Soil Disposal:** Soils from the VMS pilot test will be disposed of by 06.16.16.

3. **Nexus Church IA:** due to the pilot test, no attempts were made to follow up with Dr. Manyka regarding the status of the remodeling effort. W&R will contact Dr. Manyka next week to confirm the status of the remodeling. Hope is to get into building for testing before the painting begins.
4. **Leather Trimmings IA:** Report should be ready next week for submission to NCDEQ.
5. **Injection Permit:** W&R is still working on the generation of a permit application for the injection wells.
6. **Revised Cost Estimate (CAR):** W&R continues to work on revising the cost estimate in the CAR.
7. **Site Decon:** waiting on NCDEQ approval of the closure report for site.
8. **Phase III RFI Report:** waiting on comments from NCDEQ.

Feel free to give me a call at 734.751.2270 if there are any questions.

Thanks,

David

From: David Craig
Sent: Friday, April 15, 2016 9:22 AM
To: Kathy Lawson (kathleen.lawson@ncdenr.gov) <kathleen.lawson@ncdenr.gov>
Cc: Brian Bellis (bbellis@withersravenel.com) <bbellis@withersravenel.com>
Subject: Trex update 04.15.16

Kathy:

Site update 04.15.16:

1. **VMS Pilot test:** Vertical test well was installed yesterday. W&R has tentatively scheduled Wednesday of next week to run the pilot test.
2. **Soil Disposal:** Soils from the VMS pilot test will be disposed of by 06.16.16.
3. **Nexus Church IA:** remodeling is still underway and is not expected to be completed until next week. A date for the collection of samples will be set once Dr. Manyka has confirmed remodeling is complete and the pilot test at the Site has been performed. As such, sampling will not occur prior to the week of 04.25.16.
4. **Leather Trimmings IA:** analytical results are back from the lab and all values were below criteria. W&R is in the process of generating a report.
5. **Injection Permit:** W&R has begun the process of generating a permit application for the injection wells that will be part of the proposed corrective action.
6. **Revised Cost Estimate (CAR):** W&R continues to work on revising the cost estimate in the CAR.
7. **Site Decon:** waiting on NCDEQ approval of the closure report for site.
8. **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 08, 2016 8:24 AM
To: Kathy Lawson (kathleen.lawson@ncdenr.gov) <kathleen.lawson@ncdenr.gov>
Subject: FW: Trex update 04.08.16

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

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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
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Department of Environmental Quality

919 707 8214 office
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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

919 707 8214 office
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