

From: [Kaufenberg, Elizabeth \(MPCA\)](#)
To: [Kaufenberg, Elizabeth \(MPCA\)](#)
Subject: FW: Dealers Update
Date: Thursday, March 08, 2018 1:32:52 PM
Attachments: [image001.png](#)

From: Wallerstedt, Jamie (MPCA)
Sent: Tuesday, August 01, 2017 9:24 AM
To: 'Wade Carlson' <wcarlson@carlsonmccain.com>
Cc: 'Dave Goodwin' <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com>); 'Josh Stahl' (<JStahl@Reviva.com>); Jon Braegelmann <jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan Lindstrom <mlindstrom@carlsonmccain.com>; Neve, Hans (MPCA) <hans.neve@state.mn.us>; Grape, Timothy (MPCA) <timothy.grape@state.mn.us>; Nick Bonow <nbonow@carlsonmccain.com>
Subject: RE: Dealers Update

Hi Wade,

Tim and I reviewed the submitted schedule below. We offer the following additional comments:

1. In the Week of August 7th, it states that a system plan will be prepared. That should also be submitted to the MPCA.
2. Initial diagnostic testing and verification analytical sampling in accordance with the MPCA's BMP should be completed 2 to 4 weeks after the mitigation system is installed.
3. An additional round of diagnostic testing and verification analytical sampling should then be completed in the heating season (after Nov. 1st).
4. The building survey (prior to mitigation) is particularly important to document any chemicals being used for building/industrial operations that may result in detections in the verification indoor air sampling.
5. All indoor air sampling should be done in accordance with the EPA Method TO-15 MN list.
6. Please provide the initial Implementation Report after the mitigation system is installed and the initial verification testing is complete. The heating season verification testing results can then be added to the Final Implementation Report as an addendum. Please note the MPCA may require adjustments to the heating season verification testing plan based on the results of the initial verification testing.

We appreciate your continued work on this Site.

Thanks,
Jamie Wallerstedt

From: Wade Carlson [<mailto:wcarlson@carlsonmccain.com>]
Sent: Friday, July 28, 2017 11:33 AM
To: Wallerstedt, Jamie (MPCA) <jamie.wallerstedt@state.mn.us>
Cc: 'Dave Goodwin' <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com>); 'Josh Stahl' (<JStahl@Reviva.com>); Jon Braegelmann <jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan Lindstrom <mlindstrom@carlsonmccain.com>; Neve, Hans (MPCA) <hans.neve@state.mn.us>;

Grape, Timothy (MPCA) <timothy.grape@state.mn.us>; Nick Bonow <nbonow@carlsonmccain.com>

Subject: RE: Dealers Update

Good morning Jamie,

I had a good conversation with Tim Grape last night regarding our approach and informed him that we would like to move forward in an expedited fashion as Reviva ramps up production during the months of September through November (it's their busy time of year). As such, Reviva has directed us to move forward with expedited mitigation with the goal of having the mitigation system up and running by labor day weekend. Here is a preliminary outline of our work schedule and tasks over the next several weeks.

Week of July 31st:

- Conduct site walkover and meet w/ Reviva staff (July 31st)
- Review building construction plans
- Complete building survey
- Install of test vent and associated vapor pins
- Conduct pilot testing to determine radius of influence and fan/blower size

Week of August 7th:

- System design
- Conduct follow up testing (if needed)
- Prepare brief Technical Report of system design
- Meet w/ Reviva staff to coordinate and plan mitigation system installation (note: work needs to be performed after 2:00 pm and on weekends)
- Order equipment and piping
- Secure installation contractor

Week of August 14th:

- Install sub-slab vents and piping runs
- Install addition vapor pins for diagnostic and sampling purposes
- Concrete patching

Week of August 21st:

- Construct above grade vent piping, headers and roof penetrations
- Electrical work

Week of August 28th:

- Conduct initial system operation
- Complete system diagnostics and testing

- Determine emissions and testing
- Initiate full-time operation
- Initiate preparation of implementation report

Things will be a bit fluid over the next week as we get through our pilot testing and initial design phase. The Reviva building is about 65,000 sf and will be logistically difficult to work in so as to not disrupt their operations. We will be following the current BMPs and I will provide weekly updates as we go through the next month. Please get back to me if you have any questions or comments. We should know a lot more by the end of next week and will refine our schedule as needed.

Thank you,

Wade A. Carlson
President/Senior Geologist

Carlson McCain, Inc.
3890 Pheasant Ridge Drive NE, Suite 100 | Blaine, MN 55449
Tel 763-489-7924 | Cell 763-458-8426 | Fax 763-489-7959
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This message is intended for the individual or entity named above. If you are not the intended recipient, please do not read, copy or disclose this communication to others. Thank you.

From: Wallerstedt, Jamie (MPCA) [<mailto:jamie.wallerstedt@state.mn.us>]
Sent: Friday, July 28, 2017 9:32 AM
To: Wade Carlson <wcarlson@carlsonmccain.com>
Cc: 'Dave Goodwin <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com>)' <DGoodwin@Reviva.com>; 'Josh Stahl (<JStahl@Reviva.com>)' <JStahl@Reviva.com>; Jon Braegelmann <jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan Lindstrom <mlindstrom@carlsonmccain.com>; Neve, Hans (MPCA) <hans.neve@state.mn.us>; Grape, Timothy (MPCA) <timothy.grape@state.mn.us>
Subject: RE: Dealers Update

Hi Wade,

We had a chance to discuss this Site with the Department of Health and we offer the following two options moving forward related to vapor mitigation:

1. Complete expedited indoor air sampling using Method TO-15 with paired subslab and outdoor ambient sampling to assess if exposure is occurring to tenants. If no ISV exceedances in indoor air, then mitigation can commence on a standard timeframe (60-90 days); or
2. Complete expedited mitigation within 30 days.

I understand that you have discussed your path forward with Tim Grape and are planning to provide us a plan and schedule today. We look forward to receiving that. We will need to have documentation throughout this process to make sure we are consistent with the BMP; however, the documentation review will not interfere with the schedule of the expedited actions. If a building survey has been completed at this point, please provide that with you plan. The building survey should include basic conditions of the building, use and or occupancy, documentation of sensitive receptors, and chemical inventory for operations.

MDH provided the attached information sheet on vapor intrusion. We strongly encourage Reviva to notify tenants of the current vapor situation. If tenants have concerns or questions related to health risks, they should contact MDH in accordance with the information sheet.

Thanks for your continued attention to this matter,
Jamie Wallerstedt

From: Wallerstedt, Jamie (MPCA)
Sent: Thursday, July 27, 2017 12:43 PM
To: 'Wade Carlson' <wcarlson@carlsonmccain.com>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com> <DGoodwin@Reviva.com>); Josh Stahl (<JStahl@Reviva.com> <JStahl@Reviva.com>); Jon Braegelmann <jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan Lindstrom <mlindstrom@carlsonmccain.com>; Neve, Hans (MPCA) <hans.neve@state.mn.us>; Grape, Timothy (MPCA) <timothy.grape@state.mn.us>
Subject: RE: Dealers Update

Hi Wade,

I have been able to consult with one of our vapor specialists, Tim Grape, who I understand you have talked with in the past. We reviewed the information and data you sent over yesterday evening. We wanted to provide our evaluation as soon as possible in order to expedite any decisions that need to be made at this point. Based on the subslab data at the six locations within the building, mitigation of the building is necessary. In accordance with the MPCA's BMP, a completed pathway investigation is not an option for this building due to 4 of the 6 samples detecting TCE concentrations above the 33X the Expedited ISV (EISV; 700 ug/m³). Any additional subslab investigation will not change the mitigation decision for this building.

At this point, we will need to consult with the Minnesota Department of Health (MDH) because of the potential short term health risks associated with TCE and the extremely elevated concentrations present under the slab. We will consult with them today to evaluate the need for expedited action to address the TCE concentrations. Typical expedited actions include indoor air sampling to assess exposure or expedited mitigation (within 30 days). Another piece of the expedited action is to determine tenant occupancy (i.e. are there sensitive receptors present). For TCE, the primary sensitive receptor is a woman who is pregnant or may become pregnant. Has a building survey been completed at this point to

document building occupancy and conditions? If so, please provide that documentation to us to assist in the expedite action review.

Finally, the previous indoor air sampling method that you conducted as a follow up to the subslab sampling, is not consistent with both the MPCA's BMP and the approved site-specific Work Plan/QAPP. While the results indicate no evidence of TCE in the indoor air based on the method, additional indoor air sampling may be necessary using summa canisters and the TO-15 method.

We will follow back up with you after we discuss this site with MDH. We would still like to document the sampling changes to the work plan and the mitigation work necessary for this site; however, the need to document the actions will not delay expedited actions, if necessary.

Please let Tim and I know if you have any questions.

Thanks,
Jamie Wallerstedt

From: Wade Carlson [<mailto:wcarlson@carlsonmccain.com>]
Sent: Wednesday, July 26, 2017 5:09 PM
To: Wallerstedt, Jamie (MPCA) <jamie.wallerstedt@state.mn.us>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (DGoodwin@Reviva.com) <DGoodwin@Reviva.com>; Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jon Braegelmann <jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan Lindstrom <mlindstrom@carlsonmccain.com>
Subject: RE: Dealers Update

Jamie,

We will work on submitting an update to the Work Plan. I'd like to keep this a simple process as we are not changing any of the procedures or testing methods already approved, but simply expanding the number of sampling points to comply with the BMP and gain a better understanding of the site conditions so that mitigation decisions can be assessed. Locations will be selected next Monday so they can be incorporated into the Work Plan as there is quite a bit of equipment to work around. Speaking on behalf of Reviva, I know they want to be proactive in the matter. Worker safety and compliance with the BMP are priorities. Therefore, an expanded sub-slab vapor assessment is the logical next step. We will hold off on vapor pin installation and additional sampling until we get MPCA approval of the Work Plan.

Thanks,

Wade A. Carlson
President/Senior Geologist

Carlson McCain, Inc.

3890 Pheasant Ridge Drive NE, Suite 100 | Blaine, MN 55449

Tel 763-489-7924 | Cell 763-458-8426 | Fax 763-489-7959

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From: Wallerstedt, Jamie (MPCA) [<mailto:jamie.wallerstedt@state.mn.us>]

Sent: Wednesday, July 26, 2017 4:51 PM

To: Wade Carlson <wcarlson@carlsonmccain.com>

Cc: Dave Goodwin <DGoodwin@Reviva.com> (DGoodwin@Reviva.com) <DGoodwin@Reviva.com>;

Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jon Braegelmann

<jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan

Lindstrom <mlindstrom@carlsonmccain.com>

Subject: RE: Dealers Update

Hi Wade,

Prior to completing additional vapor sampling work, please provide us with a revised work plan describing the application of the BMP for approval. To ensure that we are all on the same page with the Vapor Mitigation Decision BMP, and since this is a deviation of the work plan that was approved, I request that a work plan revision be written and submitted to the MPCA for approval. This does not need to be anything extensive; however, a short explanation of how the approved work plan is being changed and a description of the procedures and mitigation decision framework you are now using will be necessary. I would also appreciate a figure of all the vapor sampling locations included with that revision. As you have described a second round of sampling would be conducted soon, that would not satisfy the two rounds of sampling in separate heating/cooling seasons requirement with the BMP. Additionally, it is unclear if you are requesting to follow a completed pathway investigation or not.

Thanks,

Jamie Wallerstedt, PE

Project Manager/Engineer

MPCA/Remediation Division

520 Lafayette Road North

St. Paul, MN 55155

Direct: **651.757.2094**

Email: jamie.wallerstedt@state.mn.us



From: Wade Carlson [<mailto:wcarlson@carlsonmccain.com>]
Sent: Wednesday, July 26, 2017 4:26 PM
To: Wallerstedt, Jamie (MPCA) <jamie.wallerstedt@state.mn.us>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (DGoodwin@Reviva.com) <DGoodwin@Reviva.com>; Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jon Braegelmann <jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan Lindstrom <mlindstrom@carlsonmccain.com>
Subject: RE: Dealers Update

Good afternoon Jamie,

Please find attached the initial sub-slab vapor testing results from the Reviva and REEP properties. Included is the summary lab report, a table comparing results to Industrial Intrusion Screening Values (ISVs) and a site sketch of sampling locations. As you can see, no compounds were identified above Industrial ISVs under the REEP properties. Of particular note was that TCE was not identified above reporting limits by the laboratory under the REEP properties. This is very good news.

At the Reviva property, five compounds were identified greater than the industrial ISV most notably PCE and TCE. Concentrations of TCE were detected in all 6 samples greater than 33x the industrial ISV. All other compounds were between the ISV and 33x the ISV. In response to these findings, an indoor air quality assessment was immediately conducted to assess whether TCE vapors were within the plant whereby a worker safety issue would be a concern. Our July 20th report (see attached) summarizes the assessment and determined that TCE was not present above laboratory reporting limits within the plant.

I have brought Dave Goodwin and Josh Stahl up to speed on MPCA's new "Best Management Practices for Vapor Investigation and Building Mitigation Decisions" since it came out after our work plan was approved. Considering that concentrations exceed 33x the ISV, Reviva has authorized us to move expeditiously forward with additional testing to comply with the suggested number of samples (16 total sampling locations required for a 65,000 sf building). We will be meeting with their plant manager this coming Monday to identify 10 additional sampling locations. Our work will follow the procedures outlined in our 2016 work plan. Once the additional vapor pins have been installed, we will be performing a second round of sampling so that mitigation decisions can be evaluated.

Also, we are completing the last of our well installations today and will provide the remaining MDH unique well numbers to you. We still have to complete the well abandonments, ground water sampling, disposal of investigation derived wastes and another round of water levels. We hope to wrap up field work over the next few weeks.

Please get back to me if you have any questions regarding our preliminary vapor results

and/or plans. Unless I hear back from you we are going to move forward with the additional sampling.

Thank you,

Wade A. Carlson
President/Senior Geologist

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From: Wallerstedt, Jamie (MPCA) [<mailto:jamie.wallerstedt@state.mn.us>]
Sent: Thursday, July 20, 2017 10:54 AM
To: Wade Carlson <wcarlson@carlsonmccain.com>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com> <DGoodwin@Reviva.com>);
Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jon Braegelmann
<jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan
Lindstrom <mlindstrom@carlsonmccain.com>
Subject: RE: Dealers Update

Hi Wade, thanks for the update. I look forward to seeing things move forward. Please make sure to provide me with all the unique numbers **prior** to sampling so that we can get you all the unique IDs needed for your data to flow into EQuIS seamlessly. I should be able to generate those numbers fairly quickly once I get all the sampling points with coordinates.

Has any sampling been completed (i.e. soil gas)?

Thanks for the response,

Jamie Wallerstedt, PE
Project Manager/Engineer
MPCA/Remediation Division
520 Lafayette Road North
St. Paul, MN 55155

Direct: **651.757.2094**
Email: jamie.wallerstedt@state.mn.us

From: Wade Carlson [<mailto:wcarlson@carlsonmccain.com>]
Sent: Wednesday, July 19, 2017 10:19 AM
To: Wallerstedt, Jamie (MPCA) <jamie.wallerstedt@state.mn.us>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com> <DGoodwin@Reviva.com>); Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jon Braegelmann <jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan Lindstrom <mlindstrom@carlsonmccain.com>
Subject: RE: Dealers Update

Good morning Jamie,

Sorry for not getting back to you earlier. We ran into an issue with underground utilities (primarily underground electric) at our proposed location for well nest BNSF-3S & D which required an MDH variance and approval by BNSF. It's been a frustratingly slow process so there has not been much to report. Our drilling subcontractor (Traut) has been working through the variance process and recently received notice that our variance has been granted. We then had to negotiate a few details with BNSF so that we can start next week. We will have unique numbers for the remaining wells soon along with survey data.

Megan Lindstrom has been our field hydrogeologist for the field work and has been following all of the sampling protocols required by the QAPP and Work Plan. Once we have the new wells installed and developed, we can complete the sampling. More details will be forthcoming. We will also get the final QAPP out in .PDF form soon.

I'd like the opportunity to meet with you in the near future to discuss the preliminary findings once our field work is complete. I'll be in touch once we get the new wells installed and we get some data back.

Thank you,

Wade A. Carlson
President/Senior Geologist

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From: Wallerstedt, Jamie (MPCA) [<mailto:jamie.wallerstedt@state.mn.us>]
Sent: Wednesday, July 19, 2017 9:37 AM
To: Wade Carlson <wcarlson@carlsonmccain.com>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (DGoodwin@Reviva.com) <DGoodwin@Reviva.com>;
Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jon Braegelmann
<jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan
Lindstrom <mlindstrom@carlsonmccain.com>
Subject: RE: Dealers Update

Hi Wade,

I have not received a response to the below email. I would like an update on any progress out there at the site in addition to the below items requested on June 16, 2017 as soon as possible.

Please advise.

Thanks,

Jamie Wallerstedt, PE

Project Manager/Engineer
MPCA/Remediation Division
520 Lafayette Road North
St. Paul, MN 55155

Direct: **651.757.2094**

Email: jamie.wallerstedt@state.mn.us



From: Wallerstedt, Jamie (MPCA)
Sent: Friday, June 16, 2017 11:56 AM
To: 'Wade Carlson' <wcarlson@carlsonmccain.com>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (DGoodwin@Reviva.com) <DGoodwin@Reviva.com>;
Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jon Braegelmann
<jbraegelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan
Lindstrom <mlindstrom@carlsonmccain.com>
Subject: RE: Dealers Update

Hi Wade – Do you have an update on the Dealers site work that you could send to me? In addition, I haven't seen the final pdf of the signed QAPP yet and need to get that into our tracking system sooner rather than later. I also haven't seen the unique numbers for the wells that you have installed and you will need all the unique numbers for the sampling points that will be needed for the chain of custody forms as we corresponded about in the emails below. Is the sampling

completed and did you use the MPCA Chain of Custody to ensure we receive the Lab_MN format correctly?

Thanks!

Jamie Wallerstedt, PE

Project Manager/Engineer
MPCA/Remediation Division
520 Lafayette Road North
St. Paul, MN 55155

Direct: **651.757.2094**

Email: jamie.wallerstedt@state.mn.us



Minnesota Pollution Control Agency

From: Wade Carlson [<mailto:wcarlson@carlsonmccain.com>]
Sent: Wednesday, April 05, 2017 2:36 PM
To: Wallerstedt, Jamie (MPCA) <Jamie.Wallerstedt@state.mn.us>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com>) <DGoodwin@Reviva.com>; Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jon Braegelmann <jbraelmann@carlsonmccain.com>; Jim de Lambert <jdelambert@carlsonmccain.com>; Megan Lindstrom <mlindstrom@carlsonmccain.com>
Subject: RE: Dealers Update

Good afternoon Jamie,

Please find attached a 2 page spreadsheet with the requested sampling location information. Once we have the MDH unique well numbers for the new wells, we will forward this information to you. Also, the signature page for the QAPP is forthcoming.

Thanks,

Wade Carlson, P.G.

President/Senior Geologist

Carlson McCain, Inc.

3890 Pheasant Ridge Drive NE, Suite 100 | Blaine, MN 55449

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From: Wallerstedt, Jamie (MPCA) [<mailto:Jamie.Wallerstedt@state.mn.us>]
Sent: Monday, April 03, 2017 12:56 PM
To: Wade Carlson <wcarlson@carlsonmccain.com>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com> <DGoodwin@Reviva.com>); Josh Stahl (<JStahl@Reviva.com> <JStahl@Reviva.com>); Jason Skramstad (<jskramstad@landmarkenv.com> <jskramstad@landmarkenv.com>); Paul Book (<paulrbook@hotmail.com> <paulrbook@hotmail.com>); Jon Braegelmann (<jbraegelmann@carlsonmccain.com>); Jim de Lambert <jd Lambert@carlsonmccain.com>); Megan Lindstrom <mlindstrom@carlsonmccain.com>
Subject: RE: Dealers Update

Thanks for the update, Wade. Please sign the QAPP and forward me a copy so that we can have the MPCA sign. A signed copy of the signature page only is ok to send.

Also, are you working to provide me all the location/coordinate data that I will need in my email below?

Thanks,

Jamie Wallerstedt, PE
Project Manager/Engineer
Remediation Division/MPCA
520 Lafayette Road
St. Paul, MN 55155

Direct: (651) 757-2094
Email: jamie.wallerstedt@state.mn.us

From: Wade Carlson [wcarlson@carlsonmccain.com]
Sent: Thursday, March 30, 2017 11:29 AM
To: Wallerstedt, Jamie (MPCA)
Cc: Dave Goodwin <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com>); Josh Stahl (<JStahl@Reviva.com>); Jason Skramstad (<jskramstad@landmarkenv.com>); Paul Book (<paulrbook@hotmail.com>); Jon Braegelmann; Jim de Lambert; Megan Lindstrom
Subject: RE: Dealers Update

Jamie,

Good morning. We recently received our Access Agreement with BNSF and are working away on well permits and safety training issues with BNSF. Things are finally moving forward now that both Access Agreements are in hand. Please note that we did not schedule a drilling subcontractor until we had our agreements in hand and based on driller availability, it appears that we will likely be drilling early-May. The date will be firmed up in the next couple of weeks. We also have to request an extension of our agreement with REEP as it will terminate at the end of April. I do not foresee this being an issue and should have it resolved shortly.

Regarding the QAPP, we should probably get the final document executed in anticipation of the forthcoming field work. Please let me know how you would like to proceed.

Thank you,

Wade A. Carlson

President/Senior Geologist

Carlson McCain, Inc.

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From: Wallerstedt, Jamie (MPCA) [<mailto:Jamie.Wallerstedt@state.mn.us>]

Sent: Friday, February 03, 2017 2:53 PM

To: Wade Carlson

Cc: Dave Goodwin <DGoodwin@Reviva.com> (DGoodwin@Reviva.com); Josh Stahl (JStahl@Reviva.com); Jason Skramstad (jskramstad@landmarkenv.com); Paul Book (paulrbook@hotmail.com); Jon Braegelmann

Subject: RE: Dealers Update

Very good, thanks for the update!

Please note that providing the field and analytical data as the EDGE_MN and LAB_MN EDDs, respectively, so we can import the data into our EQulS database was part of the work plan. To do that, I will need to issue you unique ID numbers for all of your sampling points (other than the monitoring wells). You will then have to use the unique IDs that I provide you on the chain of custody. That will ensure the lab data is associated with the correct point when uploaded into EQulS. So, if you could provide me a spreadsheet of all the non-monitoring well sampling locations and coordinates (approx. is fine for now – we can update them with the final coordinates after the sampling has occurred), I can then issue you the unique IDs for your use.

For the monitoring wells, you are supposed to use the Unique Well ID issued by MDH during your sampling on the chain of custody. Once the wells are drilled, however, please provide me a spreadsheet with the common well ID, unique well ID, and the easting/northing in NAD83 UTM 15N. I can then get our EQulS database updated with those locations so that the analytical goes into the database smoothly.

Thanks!

Jamie Wallerstedt, PE

Project Manager/Engineer

MPCA/Remediation Division

520 Lafayette Road North

St. Paul, MN 55155

Direct: **651.757.2094**

Email: jamie.wallerstedt@state.mn.us



From: Wade Carlson [<mailto:wcarlson@carlsonmccain.com>]

Sent: Friday, February 03, 2017 2:38 PM

To: Wallerstedt, Jamie (MPCA) <Jamie.Wallerstedt@state.mn.us>

Cc: Dave Goodwin <DGoodwin@Reviva.com> (<DGoodwin@Reviva.com> <DGoodwin@Reviva.com>);

Josh Stahl (JStahl@Reviva.com) <JStahl@Reviva.com>; Jason Skramstad

(jskramstad@landmarkenv.com) <jskramstad@landmarkenv.com>; Paul Book

(paulrbook@hotmail.com) <paulrbook@hotmail.com>; Jon Braegelmann

<jbraegelmann@carlsonmccain.com>

Subject: RE: Dealers Update

Good afternoon Jamie,

We received the final executed Access Agreement from REEP last week prior to me leaving on vacation last Wednesday. Our agreement with them specifies that our field work to install the vapor points and monitoring wells needs to be completed by April 30th. So essentially we are good to go on the REEP property. Regarding BNSF, the "License for Environmental Access" has been completed and we are currently under insurance review. Certificates of Insurance were submitted last week before I left and am awaiting approval. Once approved (which I anticipate any day now), BNSF needs to execute the License (which we have already signed). That will take care of the paperwork end of things. We will then have to meet with the local BNSF staff on logistics. I have already had a good discussion with Greg Jeffries of BNSF regarding this and will set up the meeting once the License is finalized.

We are planning to use Traut Well Drilling for our drilling work and are currently on their schedule for mid-March (based on rotasonic rig availability). We are also working collaboratively with Kurt Manufacturing and Landmark Environmental so that our drilling work occurs concurrently with their planned drilling activities as we are both using Traut.

Regarding signing of the QAPP, let's wait until the BNSF License is finalized. Right now I am unaware of any changes from our scope, but I'd like to wait a bit.

I should have more information to share next week once I get word back from BNSF. I will pass it along once I know more.

Thanks,

Wade Carlson, P.G.
President/Senior Geologist

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From: Wallerstedt, Jamie (MPCA) [<mailto:Jamie.Wallerstedt@state.mn.us>]
Sent: Friday, February 03, 2017 2:11 PM
To: Wade Carlson <wcarlson@carlsonmccain.com>
Cc: Dave Goodwin <DGoodwin@Reviva.com> (DGoodwin@Reviva.com) <DGoodwin@Reviva.com>
Subject: Dealers Update

Hi Wade,

I was wondering if you could send me a quick update on the access agreements at the Dealers site and whether there is a revised schedule to complete the field work.

In addition, we are ready to finalize and sign the QAPP Version 5. Could you send a signed version of that and we can route it here for the signatures here at the MPCA once you have signed. Or would you like to keep it unsigned if there are other changes to the QAPP/WP that are required based on the access agreement process?

Thanks!

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