

From: Kevin Hedinger <Kevin.Hedinger@gza.com>
Sent: Thursday, April 27, 2023 11:04 AM
To: Norman, Michele R - DNR; 'A.H. Mattacotti'; 'Donald Gallo'; James Drought; Hedman, Curtis J - DHS; Martinez, Joseph J - DNR; tim@milwaukeeplating.com; ethanj@milwaukeeplating.com; Michalets, Linda M - DNR
Subject: RE: Milwaukee Plating -- RE: Is the WDNR NON meeting on Thursday in-person?
Attachments: Timeline of Events- Milwaukee Plating.pdf

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All:

In preparation for our meeting this afternoon and in an effort to provide a summary of activities as indicated in Michele's email below, we prepared the attached timeline of events as reference for the activities that have been completed by Milwaukee Plating in response to the WDNR letter dated November 2021.

We can discuss during our meeting this afternoon.

Thanks!

Kevin M. Hedinger
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Direct: 262-754-2578
Cell: 262-424-1761

From: Norman, Michele R - DNR <Michele.Norman@wisconsin.gov>
Sent: Monday, April 24, 2023 4:23 PM
To: 'A.H. Mattacotti' <ahm@milwaukeeplating.com>; 'Donald Gallo' <donald.dgallolaw@gmail.com>; James Drought <James.Drought@gza.com>; Kevin Hedinger <Kevin.Hedinger@gza.com>; Hedman, Curtis J - DHS <Curtis.Hedman@dhs.wisconsin.gov>; Martinez, Joseph J - DNR <Joseph.Martinez@wisconsin.gov>; tim@milwaukeeplating.com; ethanj@milwaukeeplating.com; Michalets, Linda M - DNR <Linda.Michalets@wisconsin.gov>
Subject: [EXTERNAL] Milwaukee Plating -- RE: Is the WDNR NON meeting on Thursday in-person?

Hello – We look forward to discussing this site with you. As you know, the DNR has repeatedly requested an update regarding the required mitigation and investigation of TCE contamination at Milwaukee Plating. We'd like to know whether the vapor degreaser, operating in the Milwaukee Plating facility, was repaired earlier this year, and understand your plans to move forward. To most efficiently accommodate everyone's schedule, we would like to hold a virtual

meeting on Thursday, April 27, from 1 -2 pm. A Microsoft Teams meeting invitation was sent last week. Please forward the meeting invitation to other participants, as necessary.

Thank you.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Michele R. Norman

Supervisor – Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

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michele.norman@wisconsin.gov



From: Don Gallo <don.gallo@dgallolaw.com>

Sent: Monday, April 24, 2023 1:34 PM

To: Norman, Michele R - DNR <Michele.Norman@wisconsin.gov>; Michalets, Linda M - DNR <Linda.Michalets@wisconsin.gov>

Cc: 'A.H. Mattacotti' <ahm@milwaukeeplating.com>; ethanj@milwaukeeplating.com; Kevin Hedinger (<kevin.hedinger@gza.com>) <kevin.hedinger@gza.com>

Subject: Is the WDNR NON meeting of Thursday in-person?

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Linda; and Michele;

I the WDNR NON meeting with Milwaukee Plating in-person? We really think this meeting should be in-person with a virtual attendance optional.

If it is in-person, then what address and room number?

Thank you,

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For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at www.qza.com.

Timeline of Events Milwaukee Plating Company Milwaukee, Wisconsin

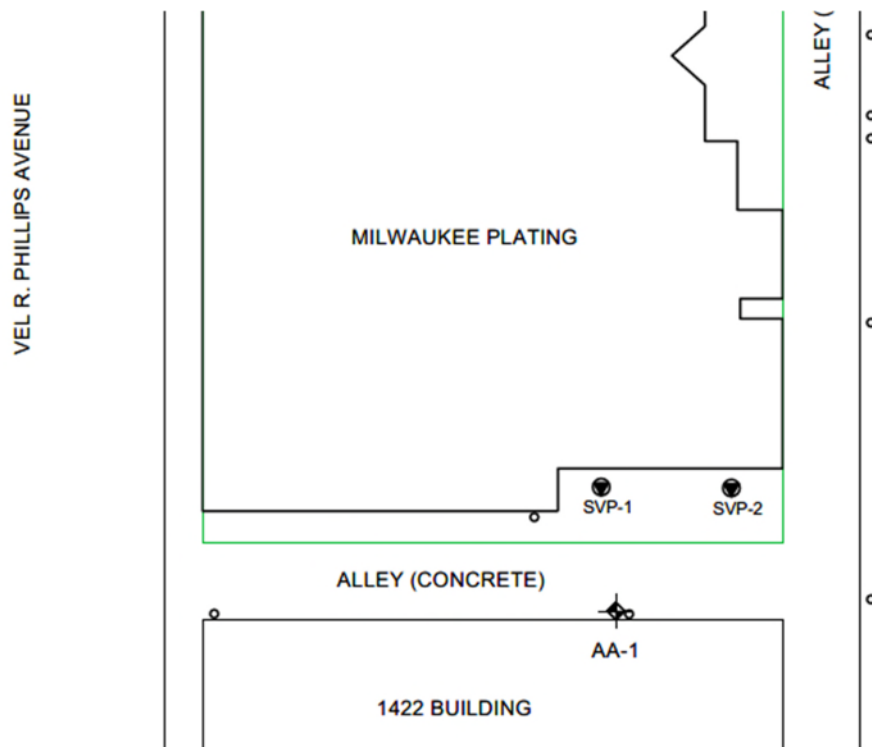
November 21, 2021- WDNR Letter to Milwaukee Plating

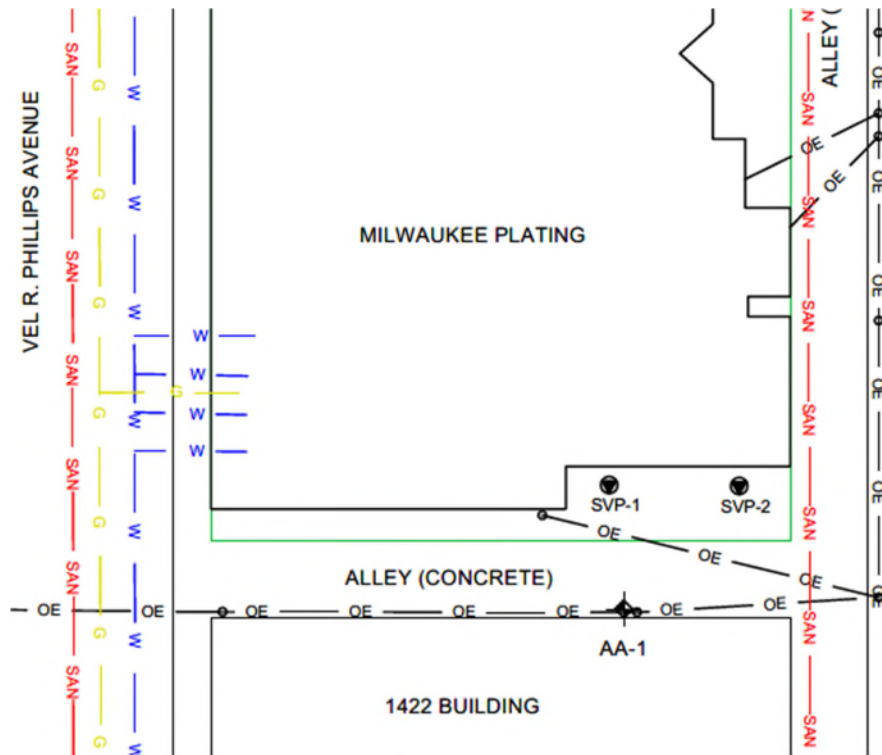
January 6, 2022- Meeting with WDNR to discuss 1422 Building observations/ Indoor Air sample results/
Sub-slab sample

April 13, 2022- Soil Gas Probe Installation

April 21, 2022- Soil Vapor Sample Collection & Outdoor Air Sample Results

GZA Utility Evaluation- Map of City Utilities in Vel R Phillips and Alley





May 5, 2022- WDNR Air Inspection- fan in polishing room directed at area of vapor degreaser.

June 27, 2022- Meeting with Milwaukee Plating, GZA, and TRC to discuss evaluation of the source of vapors; TRC evaluating the operation of the vapor degreaser.

July 6, 2022- Submittal of Soil Vapor and Outdoor Air Evaluation Report that included previous investigation activities and results

July 2022- Milwaukee Plating adjusted the vapor degreaser settings to manufacturer recommended settings.

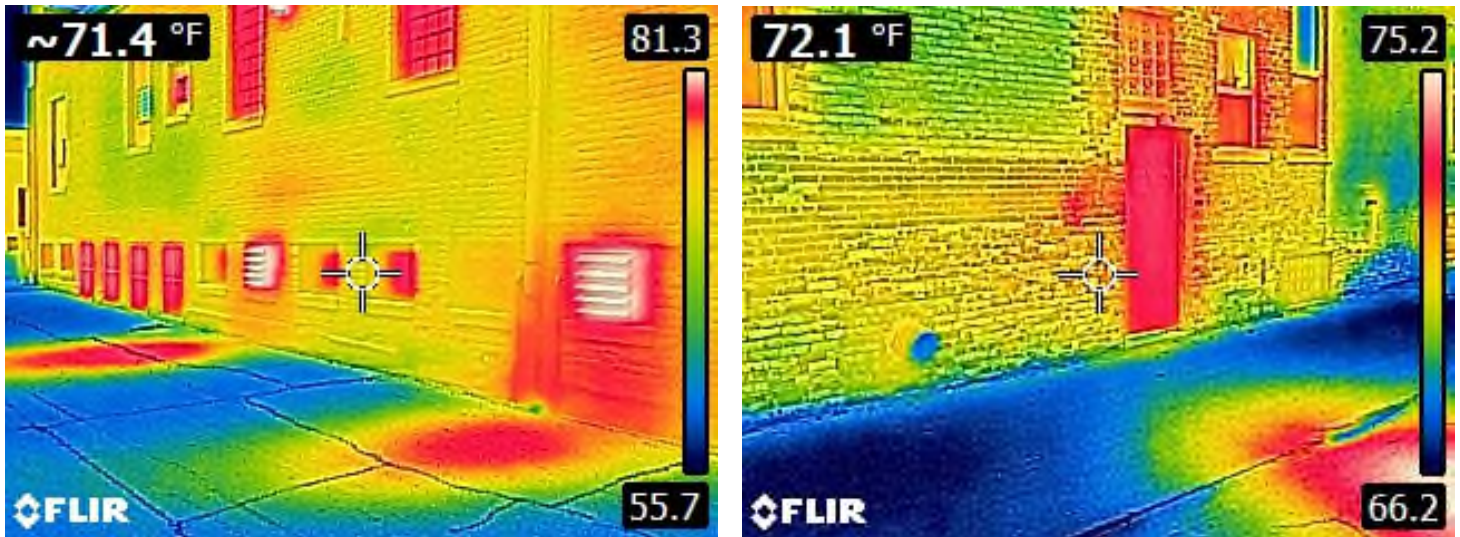
October 3, 2022- GZA discussion with TRC about vapor degreaser operation; thermostatic control does not appear to be operating properly.

October 14, 2022- GZA conducted field screening of ambient air inside the 1422 Building and Milwaukee Plating, and in alley between buildings with PID and Draeger tubes; vapors detected inside vapor degreaser room after basket removed from degreaser (Draeger Tube- ~7 ppm; PID - ~20-30 ppm). No other detections.

October 20, 2022- GZA received indoor and outdoor air sample results from the sampling being performed by DHS and George Beyer, trustee for the church in the 1422 Building. The results covered the period from March 2022 through October 2022.

November 19, 2022- GZA received updated indoor and outdoor air sample results for the period from George Beyer for the period from March 2022 through November 2022.

October 24, 2022- Thermal Images in Alley Between Milwaukee Plating and 1422 Building



December 13, 2022- Meeting with Milwaukee Plating, GZA, and TRC to discuss results.

Next Step- Contact maintenance contractor to inspect and evaluate the operation of the vapor degreaser.

December 20, 2022- Power Kleen, maintenance contractor, inspected the vapor degreaser and identified that the chiller unit did not seem to be operating properly. Chiller to be recharged and quotes being obtained in case the chiller unit needs to be replaced.

December 30, 2022- Chiller unit was recharged to evaluate the operation of the chiller unit. A leak was detected in the chiller unit coil. A purchase order was issued to purchase a new chiller unit.

January 16, 2023- Refrigeration contractor indicated the new chiller unit would require 3 to 4 weeks for delivery. The chiller unit and coil are made in China and need to be shipped to United States.

February 7, 2023- GZA received updated indoor and outdoor air sample results for the period from the WDNR for the period from March 2022 through December 2022. The TCE concentration in the indoor air sample for the period from December 5 to 15, 2022 in the 1422 Building appeared to increase.

February 15, 2023- Refrigeration contractor estimates that the chiller unit and coil will be shipped in approximately 6 days.

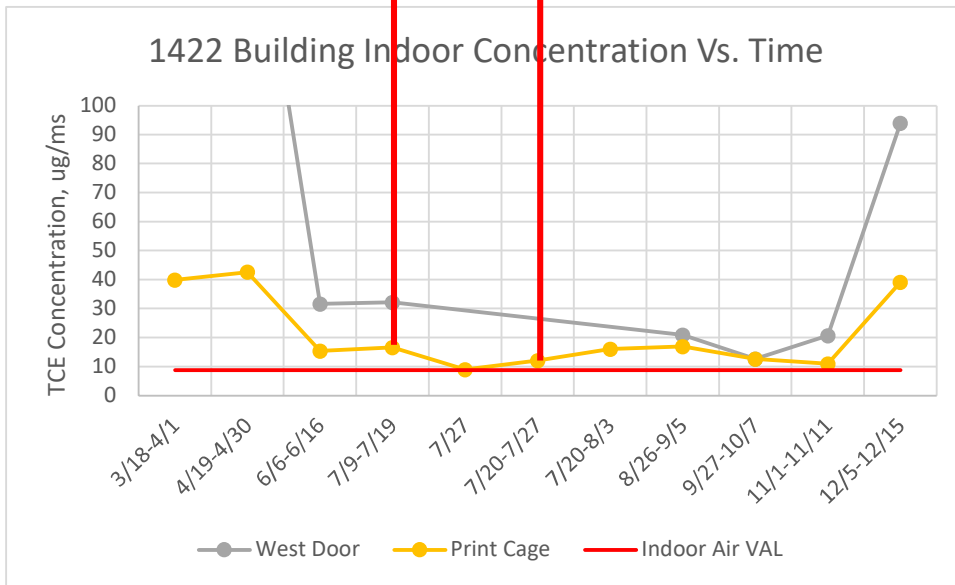
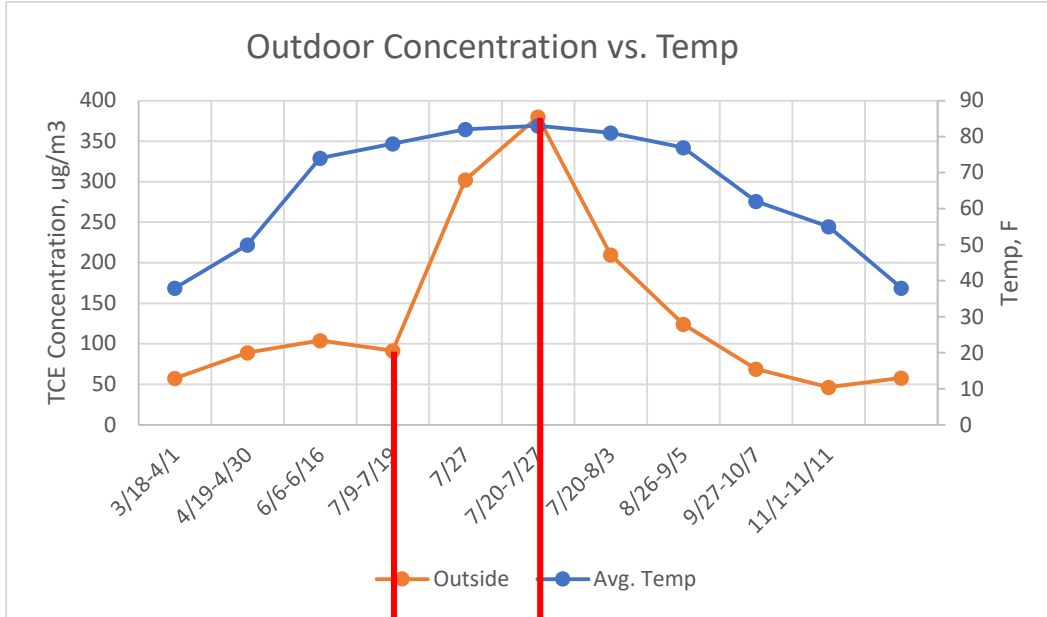
March 1, 2023- Refrigeration contractor indicate the chiller unit and coil were shipped and he is waiting for delivery.

March 13, 2023- The refrigeration contractor begins the installation of the new chiller unit and coil. Labels on the box indicate the chiller unit and coil were held in customs for approximately 2 weeks.

March 16, 2023- Refrigeration contractor completed the installation of the chiller unit and coil. The coil installed is a double coil unit instead of the single coil unit that was previously installed in the vapor degreaser when purchased in ~1980.

Graphs of Air Sample Results for 1422 Building

- Outdoor air concentration is temperature dependent as shown by the increase in concentration with temperature.
- Indoor air concentration does not appear to be directly correlated to the outdoor air concentration in the alley as shown by the vertical red lines connecting the same time periods for outdoor and indoor air concentrations.



Proposed Sampling Plan

- Collect indoor air samples:
 - Inside the 1422 Building
 - In the alley near the west door of the 1422 Building
 - In the Milwaukee Plating Building by the exhaust fans
 - In the Milwaukee Plating Building in the vapor degreaser room
- Collected using Radiello passive air samplers for a period of 7 days.
- Evaluate the results of the air samples to determine next steps.
- Prepare a report of activities to the WDNR including the results of the air sampling.
- Complete additional activities, as needed.

Other Activities

- Preparing separate scope of work to advance the open BRRTS Number 02-41-000826 related to the chlorinate hydrocarbon portion of the site. This will include an evaluation of vapor intrusion of the Milwaukee Plating building.
- The previous LUST-related activities were closed under BRRTS Number 03-41-000762.