

Case Number: _____

**City Attorney Referral
Environmental Protection Section**

Date Sent to City Attorney: August 26, 2015

Responsible Party: Madison Kipp Corporation

Street: 201 Waubesa St

City/State/Zip: Madison, WI 53704

Phone:

Date of Violation: Noted on Monday 8/10/2015

Site of Violation: 210 Waubesa St.

Violation Description: MGO 7.47. Failure of treatment system to neutralize sodium permanganate discharged to the City of Madison Storm Sewer System. Failure was due to the offending party running out of the chemical needed to effectively neutralize the sodium permanganate. Failure to notify us of the discharge.

Mitigating/exacerbating factors:

Complainant/Witness: George Parrino

Phone: 243-0318



Parrino, George

From: Hausbeck, John
Sent: Wednesday, August 12, 2015 1:47 PM
To: Voegeli, Doug; Heinrich, Janel; Sorsa, Kirsti; Wenta, Rick; Parrino, George
Subject: FW: [SASYNA-Discussions] Magenta water at bike path by Kipp

From: Rummel, Marsha
Sent: Tuesday, August 11, 2015 9:11 PM
To: Crawley, Katie; Hausbeck, John
Subject: Fw: [SASYNA-Discussions] Magenta water at bike path by Kipp

FYI

From: SASYNA-Discussions@yahoogroups.com <SASYNA-Discussions@yahoogroups.com> on behalf of awalcek@madison-kipp.com [SASYNA-Discussions] <SASYNA-Discussions@yahoogroups.com>
Sent: Monday, August 10, 2015 8:54 AM
To: SASYNA-Discussions@yahoogroups.com
Subject: Re: [SASYNA-Discussions] Magenta water at bike path by Kipp

Madison-Kipp began operating our recently installed Groundwater Extraction and Treatment System (GETS) full time in July. The system is operating properly and is currently effectively treating the water for PCE.

The city has started repairing the storm water line beneath the bike path between Marquette Street and Fair Oaks. This storm water line carries our treated groundwater, and the repair work has necessitated re-routing the water during the construction. The city has chosen to re-route this water across the path owned by Madison Kipp.

The magenta color you noticed was from potassium permanganate that was injected into the water over the last couple years to treat it for PCE. Some of the potassium permanganate remains in the water, giving it a pink hue.

Although the potassium permanganate is not harmful, we are neutralizing the color as not to discharge pink water to the storm water system. Unfortunately, our neutralization system was not operating correctly on Sunday morning. This issue was corrected within a few hours and we are addressing this problem so it cannot occur again.

The air stripper that treats the water for PCE was operating as designed all weekend. (Unlike the color neutralization system, which will be temporary in nature, the air stripper system has automatic shutoffs if it detects a fault with equipment).

We have notified the WDNR of our issue. We regret this incident caused concern among our neighbors.

Alina

Posted by: awalcek@madison-kipp.com

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Parrino, George

From: Schmoller, Michael R - DNR [Michael.Schmoller@wisconsin.gov]
Sent: Tuesday, August 11, 2015 9:09 AM
To: Welke, Kurt I - DNR
Subject: FW: Magenta Pipe Discharge from Marquette Street Construction

We are committed to service excellence.

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

R. Michael Schmoller
Phone: 608-275-3303
Michael.schmoller@wisconsin.gov

From: Steven Klafka [<mailto:sklafka@wingraengineering.com>]
Sent: Monday, August 10, 2015 8:57 AM
To: Brynn Bemis
Cc: Schmoller, Michael R - DNR; Dan Melton; Lance Green; Gary Karch
Subject: Magenta Pipe Discharge from Marquette Street Construction

Brynn,

A few questions arose this weekend about the street/sewer construction at the end of Marquette Street next to Madison-Kipp. Waste is being pumped and discharged next to the bike path.

1. A purple/magenta fluid was running out over the ground from a hose. Here is a picture. Is this a fluid perhaps used to test for cracks?
2. If water and soil is pumped from below street level, should it be tested for PCE, PCB, or other contaminants to avoid spreading them further? This construction site is immediately next to Kipp, the groundwater has PCE and the adjacent raingarden is contaminated with PCB's

Thanks for looking into this.

Steve Klafka



Parrino, George

From: Schmoller, Michael R - DNR [Michael.Schmoller@wisconsin.gov]
Sent: Tuesday, August 11, 2015 9:09 AM
To: Welke, Kurt I - DNR
Subject: FW: MKC GETS discharge during construction

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R. Michael Schmoller
Phone: 608-275-3303
Michael.schmoller@wisconsin.gov

From: Alina Satkoski [<mailto:asatkoski@madison-kipp.com>]
Sent: Monday, August 10, 2015 1:29 PM
To: Bemis, Brynn
Cc: Hoel, Eric; Stelljes, Corey; Fries, Gregory; Schmoller, Michael R - DNR; Trask (Cota), Jennine; Kubacki, Chris
Subject: Re: MKC GETS discharge during construction

Hi Brynn,

I checked with Arcadis, and the concentration is dilute enough that there should be no health effects. At most, it may be a skin irritant, but I assume the crew is wearing pants and boots that would minimize this. Since we neutralize with hydrogen peroxide, it is probably best not to neutralize in the hole as that would be more of a health issue without the proper amount of time to react.

Flushing the system out could not hurt to alleviate any worries, but the concentration is dilute enough that there should be no issues. I will take a walk out there this afternoon to see what the conditions are.

If you have any further questions, please let me know.

Thanks,
Alina

On Mon, Aug 10, 2015 at 12:42 PM, Bemis, Brynn <BBemis@cityofmadison.com> wrote:

Alina,

Are there any health implications to touching the water that was released. Eric Hole, our City inspector, said the Homburg employees were working in it at the storm structure at the north end of Marquette. Can you go see what they're working in? Should it be flushed out? Neutralized in the manhole excavation?

Brynn

From: Alina Satkoski [<mailto:asatkoski@madison-kipp.com>]
Sent: Monday, August 10, 2015 12:00 PM
To: Bemis, Brynn

Cc: Hoel, Eric; Stelljes, Corey; Fries, Gregory; Schmoller, Michael R - DNR
Subject: Re: MKC GETS discharge during construction

Brynn,

Thanks very much for this news.

We again apologize for the failure of the neutralization system and are carefully monitoring the system until we can implement a fail safe that will not allow the system to operate if the treatment isn't working.

Also, my apologies but the latest version of our SWPPP did not include the latest revisions to the drainage layout map from the recent work. I attached the recent version here. They are very minor changes but hopefully it can answer any questions.

Thank you

Alina

On Mon, Aug 10, 2015 at 11:54 AM, Bemis, Brynn <BBemis@cityofmadison.com> wrote:

Alina,

I spoke with Mike and he is OK with you continuing to discharge the treated groundwater to the ditch to the north that runs along the MKC and MG&E properties and the railroad, ending at Starkweather Creek. However, this is contingent on the water being treated as designed, with no potassium permanganate being released prior to neutralization.

Brynn

Brynn Bemis, Hydrogeologist

City of Madison Engineering Division

Room 115 City/County Building

210 Martin Luther King Jr. Blvd.

Madison, WI 53703

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