

Amadi, Eric A - DNR

From: Patrick Patterson <patrick.patterson@psiusa.com>
Sent: Thursday, April 19, 2018 11:34 AM
To: Amadi, Eric A - DNR
Cc: George Marek; Larry Raether; Norman, Michele R - DNR
Subject: RE: Request to Retract Off-Site Notification Letters - Former Midwest Tanning Corp., South Milwaukee, WI. BRRTS #: 02-41-556117
Attachments: Location of MW-5 and SB-15 Diagram.pdf

Hi Eric,

I have attached a diagram that shows the location of the existing NR141 monitoring well MW-5 and the approximate location of the Hygienetics soil boring SB-15. It appears that the soil boring location is about 30 feet to the southeast of the well location. Is the well close enough to the location of the soil boring? Let us know when you have a chance.

Thanks,
Pat

Patrick J. Patterson, P.E., P.G., C.S.T.

Senior Engineer

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From: Amadi, Eric A - DNR <Eric.Amadi@wisconsin.gov>
Sent: Tuesday, April 17, 2018 6:36 PM
To: Patrick Patterson <patrick.patterson@psiusa.com>
Cc: George Marek <george.marek@quarles.com>; Larry Raether <larry.raether@psiusa.com>; Norman, Michele R - DNR <Michele.Norman@wisconsin.gov>
Subject: RE: Request to Retract Off-Site Notification Letters - Former Midwest Tanning Corp., South Milwaukee, WI. BRRTS #: 02-41-556117

Hi Pat:

We have reviewed the 2001 Phase II ESA report prepared by Hygienetics for the subject site. Based on the information provided, hex-Cr was not analyzed for the sample with the highest Total-Cr (1,100 mg/kg Total-Cr, from soil boring SB15/5-6' below ground surface (bgs)), and an unfiltered groundwater sample from the same soil boring had 250 mg/L. In addition, soils from this same soil boring (SB15), was identified as "blue green sandy material", at a depth interval of 4-8' bgs.

We provide the following recommendations/comments:

1. A stepped approach for sampling and analysis of hex-Cr in groundwater and/or soils - we suggest starting with additional groundwater assessment for hex-Cr that follows the correct protocols for sampling and analysis. If hex-Cr has not migrated into groundwater, then you may be able to justify that the chromium release may have likely remained on the property. If hex-Cr is present in the groundwater, then further sampling of soil for hex-Cr will likely be needed;
2. Check if there is a well near SB15. If not, provide justification for high hex-Cr levels (250 mg/L);
3. Sample all site wells and determine groundwater flow direction;
4. Provide justification for not conducting TCLP test on the sample with highest Total-Cr (1,100 mg/kg);
5. Evaluate the need for cyanide test.

Please provide the requested information to help us complete our review of your request regarding offsite notification letters. Let me know if you have questions. Thanks.

Eric

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Eric Amadi

Phone: (414) 263-8639

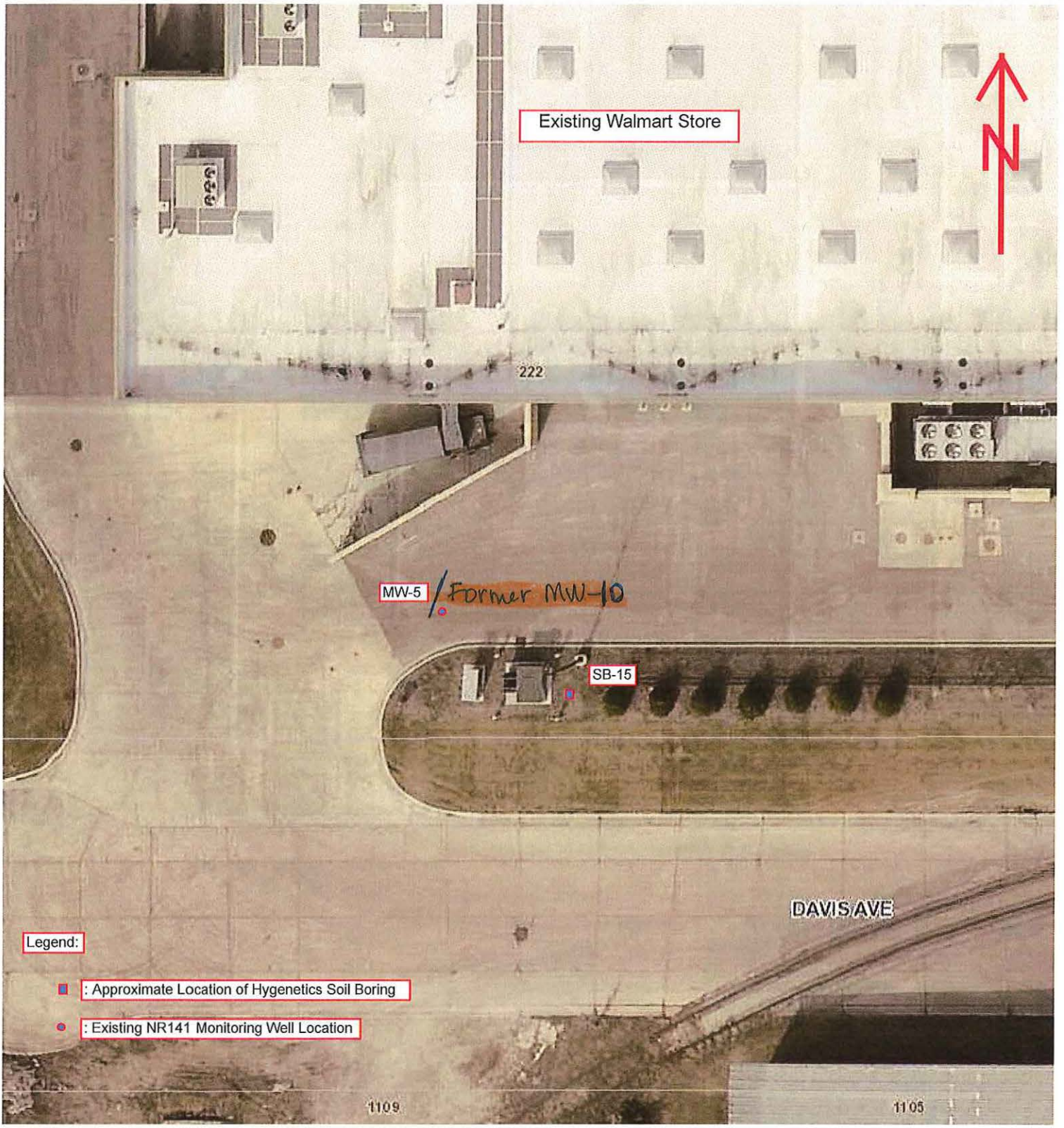
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MILWAUKEE COUNTY INTERACTIVE MAPPING SERVICE



Projection
NAD_1927_StatePlane_Wisconsin_South_FIPS_4803

LOCATION OF SB-15 AND MW-5
222 N. Chicago Avenue
South Milwaukee, WI
BRRTS No. 02-41-556117

DISCLAIMER: This map is a user generated static output from the Milwaukee County Land Information Office Interactive Mapping Service website. The contents herein are for reference purposes only and may or may not be accurate, current or otherwise reliable. No liability is assumed for the data delineated herein either expressed or implied by Milwaukee County or its employees.

