

## Amadi, Eric A - DNR

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**From:** Amadi, Eric A - DNR  
**Sent:** Tuesday, April 17, 2018 6:36 PM  
**To:** Patrick Patterson  
**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

Tracking:	Recipient	Delivery
	Patrick Patterson	
	George Marek	
	Larry Raether	
	Norman, Michele R - DNR	Delivered: 04/17/2018 6:36 PM

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**

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