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April 27, 2021

Jennifer Innes  
Tennessee Department of Environment & Conservation  
Chattanooga Environmental Field Office  
1301 Riverfront Parkway, Suite #206  
Chattanooga, TN 37402

**Submitted Via E-mail to [jennifer.innes@tn.gov](mailto:jennifer.innes@tn.gov) on April 27, 2021**

**RE: Wacker Polysilicon North America LLC  
NPDES Permit #TN0081311  
2021 Industrial Storm Water Sampling Results  
Bradley County, TN**

Dear Ms. Innes,

Wacker is reporting per the requirements of the above referenced permit an annual sampling event collected on April 8, 2021 (Outfall SW1) and (Outfall SW4) for the parameters identified as necessary in NPDES Permit #TN0081311 for industrial storm water exposures. Analytical results were received on April 22, 2021 via e-mail for the sampling event. One (1) parameter was identified from SW1 and one (1) from SW4 that was above the benchmark values for industrial inorganic chemicals sector as summarized in Tables 1 and 2 below.

**Table 1 – Industrial Storm Water Sampling Results, SW1 – April 22, 2021**

Parameter	Result (mg/L)	Benchmark (mg/L)
Magnesium	4.60	0.064

**Table 2 – Industrial Storm Water Sampling Results, SW4 – April 22, 2021**

Parameter	Result (mg/L)	Benchmark (mg/L)
Magnesium	3.91	0.064

Wacker's manufacturing processes do not handle magnesium in any appreciable amounts and we are not currently finding any process exposures onsite that would directly influence these metal concentrations in site storm water. These results are indicative of the background result concentrations as previously described in our December 22, 2015 letter to TDEC.

We will continue to look for opportunities to modify our SWPPP if any item becomes apparent that could help control magnesium concentrations in storm water runoff.

If you have questions regarding this topic, please contact me directly at (423) 780-8160.

Sincerely,

Shane Geren  
Environmental Engineer

**FW: NPDES Permit #TN0081311 2021 Industrial Storm Water Sampling Results**

Jennifer Innes &lt;Jennifer.Innes@tn.gov&gt;

Tue 4/27/2021 8:12 AM

**To:** Barbara Russell <Barbara.Russell@tn.gov>; Cali Dobbins <Cali.Dobbins@tn.gov> 1 attachments (428 KB)

2021\_Industrial\_Storm\_Water\_Sampling\_Results.pdf;

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**From:** Jennifer Innes**Sent:** Tuesday, April 27, 2021 8:11 AM**To:** Michael Bascom <Michael.Bascom@tn.gov>**Subject:** FW: NPDES Permit #TN0081311 2021 Industrial Storm Water Sampling Results

Mike

Please review. Does it need to go on the annual form?

Barb and Cali, please upload attachment to TN0081311

Thanks

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**From:** Geren, Joseph Shane <JosephShane.Geren@wacker.com>**Sent:** Tuesday, April 27, 2021 6:40 AM**To:** Jennifer Innes <Jennifer.Innes@tn.gov>**Cc:** Copeland, Jeremy <Jeremy.Copeland@wacker.com>**Subject:** [EXTERNAL] NPDES Permit #TN0081311 2021 Industrial Storm Water Sampling Results

**\*\*\* This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. \*\*\***

Good morning.

Attached is our 2021 Industrial Storm Water Sampling Results as required pursuant to NPDES Permit #TN0081311.

Please call me if you have any questions.

**Joseph Geren**

P-EHS-E/CHA

**Wacker Polysilicon**

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