



Rose & Westra  
A Division of GZA

GEOTECHNICAL

ENVIRONMENTAL

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WATER

CONSTRUCTION  
MANAGEMENT

The Widdicomb Building  
601 Fifth Street NW  
Suite 102  
Grand Rapids, MI 49504  
T: 616.956.6123  
F: 616.288.3327  
www.rosewestra.com  
www.gza.com



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## Sent Via Email Only

July 31, 2020  
File No. 16.0062961.xx

Ms. Karen Vorce, Project Manager  
Grand Rapids District Office  
Remediation and Redevelopment Division  
Michigan Department of Environment, Great Lakes, and Energy  
350 Ottawa Avenue NW, Unit 10  
Grand Rapids, MI 49503  
vorcek@michigan.gov

Re: Wolverine World Wide, Inc. Consent Decree No. 1:18-cv-00039 (CD)  
2020 Second Quarter Progress Report

Dear Ms. Vorce:

On behalf of Wolverine World Wide, Inc. (Wolverine), Rose & Westra, a Division of GZA GeoEnvironmental, Inc. (R&W/GZA), is submitting this 2020 Second Quarter Progress Report under the referenced CD, effective February 19, 2020.

This submittal is completed pursuant to Section 7.15(a)-(d). The second quarter reporting period is April 1, 2020 to June 30, 2020. As described in Section 7.15(b), this progress report summarizes response activities conducted pursuant to paragraphs 7.5, 7.6, 7.7, 7.8, 7.9, and 7.10 of the CD.

### Section 7.5: Filters

During the second quarter reporting period, Wolverine continued operation and maintenance of applicable point-of-entry treatment (POET) and point-of-use (POU) filters in accordance with the CD.

R&W/GZA continued logistics for the CD-defined changes to the POET monitoring schedule and procedure. This included continuing to provide notifications to residents about the changes to their individual POET, as applicable, as well as coordination of the routine granular activated carbon (GAC) column exchanges.

The Response Activity Plan (RAP) for filters submitted under Section 7.4(b) on April 6, 2020 is under EGLE review.

### Section 7.6: Residential Well Sampling

R&W/GZA completed the RAP for submittal under Section 7.4(c) which defines the scope of implementation for Section 7.6, Residential Well Sampling. This RAP was submitted on its due date, May 4, 2020. This RAP is under EGLE review.



### Section 7.7: Tannery Site

Under Section 7.7(b), R&W/GZA the continued site plan for the proposed capture system and had two calls with EGLE regarding the COVID-imposed delay, subsequent progress, and next steps. Assuming continued relaxation of COVID control measures, R&W/GZA intends to move forward with detailed site design and associated local permitting during 2020 Q3.

### Section 7.8: House Street Site

R&W/GZA continued work on the feasibility study for the House Street site described in Section 7.8. The feasibility study is due February 19, 2021. Several options are being considered, including the two referenced in the CD.

### Section 7.9: Groundwater Monitoring Obligations/Requirements

Section 7.9 includes the groundwater monitoring obligations/requirements for the perimeter wells and groundwater investigation/monitoring wells (in Areas 5, 6, 11, 12, and Area R-1[19]) as defined in the CD.

During the second quarter reporting period, R&W/GZA completed the four of the RAPs associated with implementation of Section 7.9. The RAPs for Areas 5, 6, 11 and 12, and R-1(19) were submitted on their due date, June 18, 2020. These RAPs are also under EGLE review.

The RAP for the perimeter wells is due in the third quarter, August 17, 2020.

### Section 7.10: GSI Investigation

R&W/GZA completed the RAP for submittal under Section 7.4(a) which defines the scope of implementation for Section 7.10, GSI Investigation. This RAP was submitted on its due date, April 20, 2020. This RAP is under EGLE review.

### Additional Submittals

Section 7.15(c)(i)-(viii) of the CD outlines several items that are required in the quarterly progress reports.

7.15(c)(i) – No sampling data was obtained during the reporting period.

7.15(c)(ii) – No access issues were identified during the second quarter.

7.15(c)(iii) – A schedule using a Gantt chart or other visual project tracking mechanism is required. As no implementation of RAPs is currently underway, this item is limited to reporting deliverables. Progress on implementation of RAPs is dependent on EGLE review. See **Enclosure 1**. The filter operation and maintenance as well as performance monitoring schedule is included in the quarterly filter report.

7.15(c)(iv) – This section requires a table of outstanding deliverables and tasks; including the name of the outstanding item, scheduled completion date, anticipated completion date, the reason for any completion date changes, and the project manager for a scheduled item. The currently established deliverables are summarized on the following well as generically summarized in Enclosure 1, Gantt Chart).



RAP / Deliverable	Days	EGLE Due Date	R&W/GZA PM
Quarter 2 Summary April 1 to End June		7/31/2020	
Perimeter wells	180	8/17/2020	L. Nelson
Quarter 3 Summary July 1 to End September		11/2/2020	
Tannery Interceptor RAP*	365	2/18/2021	M. Westra
HS Feasibility**	365	2/19/2021	M. Westra
Quarter 4/Yearly Summary through End December		3/1/2021	

\*Two years after installation, a demonstration of performance documentation is due

\*\* RAP for final remedy due 180 days after selection

Additionally, under Section 7.12, completion reports are due for the RAPs, and those schedules are primarily determined by the completion of certain tasks. Dates for those deliverables will be included as they approach and/or are established.

7.15(c)(v) – No waste materials were generated during the reporting period.

7.15(c)(vi) – No data validation was performed under the CD during the second quarter.

Section 7.15(c)(vii)(A) - No drilling was conducted in the second quarter.

Section 7.15(c)(vii)(B) - No location maps for sample results, groundwater elevation data and contour maps, boring logs, or cross sections were generated during the second quarter.

Section 7.15(c)(viii) indicates a summary should be provided of any other relevant information regarding other activities or matters that affect or may affect the implementation of the requirements of the CD. No such activities or matters that affect or may affect the implementation of the requirements of the CD are reported this quarter.

Per Section 7.15(e), the filter monitoring data is submitted separately, also on a quarterly basis.



If you have any questions, please contact us.

Very truly yours,

Rose & Westra, a Division of GZA GeoEnvironmental, Inc.

Loretta J. Powers  
Senior Project Manager

Leslie M. Nelson, P.E.  
Associate Principal

Mark A. Westra  
Principal

Enclosures: Gantt Chart Project Schedule

- c: Mr. Dave Latchana–Wolverine Worldwide, Inc. *via email David.Latchana@wwwinc.com*  
Mr. John V. Byl–Warner Norcross & Judd LLP *via email jbyl@wnj.com*  
Ms. Polly Synk–Michigan Department of Attorney General *via email SynkP@michigan.gov*  
Ms. Danielle Allison-Yokom–Michigan Department of Attorney General *via email AllisonYokomD@michigan.gov*

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