



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
GRAND RAPIDS DISTRICT OFFICE



C. HEIDI GREYER
DIRECTOR

May 29, 2018

VIA E-MAIL AND U.S. MAIL

Mr. Dave Latchana
Wolverine World Wide, Inc.
9341 Courtland Drive, NE
Rockford, Michigan 49351

Dear Mr. Latchana:

SUBJECT: Wolverine World Wide Inc. (Wolverine) Per- and Poly-fluoroalkyl Substances (PFAS) Response
April 17, 2018, Technical Meeting Summary and Action Items

The Department of Environmental Quality (DEQ) appreciated the opportunity to meet with Rose & Westra/GZA on Tuesday, April 17, 2018, to determine the current status of and anticipated plans and schedules for the ongoing residential well sampling, remedial investigation (RI), source investigation, and alternate water efforts at the House Street, Wolven/Jewell, and Rogue River Study Areas.

The following RI/residential well sampling items were discussed:

- Currently installed monitoring well locations;
- Groundwater analytical results obtained to date;
- Proposed monitoring well locations;
- Anticipated schedule for upcoming drilling and investigation activities;
- Access issues regarding the installation of monitoring wells on private property;
- Residential well follow-up sampling plan.

The following source investigation items were also discussed:

- Anticipated schedule for continued waste removal activities at the Imperial Pine property;
- Anticipated schedule for verification soil sampling at the MDOT property;
- Anticipated schedule and proposed work activities to address the alleged use of tannery waste as a soil amendment at the former Cooper Farm properties and the Lamoreaux Farm property as requested in the DEQ letter dated November 9, 2017.

The following submittal items were discussed during the meeting:

- Weekly data summaries provided to the DEQ;
- Status of the Alternate Water Supply Management Plan based on the DEQ comments sent to Wolverine in an April 3, 2018, letter;
- Status of the House Street Conceptual Site Model Report based on the DEQ comments sent to Wolverine in an April 4, 2018, letter.

In the November 2, 2017, letter the DEQ requested weekly progress reports on project activities that included a summary of work accomplished, worked to be performed in the next week, maps of sampling areas, and data summaries.

The DEQ appreciates the weekly e-mail note from Rose & Westra/GZA with updates that include bullet points of work conducted and planned; however, more detailed progress reports are necessary to demonstrate that Wolverine is diligently pursuing and completing response activities under Part 201.

As briefly discussed at the meeting, please provide weekly progress reports by the close of business each Monday that include the following elements:

1. Submittal dates for all pending deliverables.
2. A remedial investigation discussion that includes all drilling activities performed the previous week and proposed drilling locations for the following week, including rationale and supporting data for the locations and depths such as Vertical Aquifer Sample results, groundwater elevations and contours, identification of additional potential receptors, and any access restrictions that could alter earlier proposed locations. For the last weekly report each month, provide a brief summary of the month's work, and projected schedule for the following month, as well as tables and figures summarizing all data received.
3. A summary by address of residential well and filter sampling and filter installation and O&M activities completed and scheduled for the following week. Include addresses with a change in alternate water status, and a summary of results exceeding Part 201 criteria or filter plan trigger levels. For the last weekly report each month, provide a brief summary of the month's work, and projected schedule for the following month, as well as figures and tables summarizing all data received.
4. A summary of source investigation/waste removal activities completed and planned for the next week, including rationale and data supporting any proposed changes to scopes of work or previously approved schedules. For the last weekly report each month, provide a brief summary of the month's work, and projected schedule for the following month, as well as figures and tables summarizing all data received.
5. Weekly reports should also include any data verification issues requiring corrective action, including but not limited to, quality assurance/quality control (QA/QC) sample results or laboratory QA/QC results exceeding control limits, incomplete or irregular sampling or laboratory records, issues with Method Reporting Limits, or holding time issues. The last weekly report each month should include a table of all QA/QC sample results received and comparison to control limits. The first QA/QC table should include all QA/QC sample results received to date.
6. Any other information needed to address newly identified risks or vulnerable receptors, documentation of Wolverine's progress, or to note changes or delays in previously agreed upon schedules or work plans.

Mr. Dave Latchana

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If you have any questions or concerns related to this request, please contact me at your earliest convenience at the Grand Rapids District Office at the contact information below.

Sincerely,



Abigail Hendershott

District Supervisor

Remediation and Redevelopment Division

Department of Environmental Quality

616-888-0528

HendershottA@michigan.gov

cc: Ms. Carol Isaacs, Governor's Office
Mr. Scott Hiipakka, Governor's Office
Ms. Polly Synk, Department of Attorney General
Ms. C. Heidi Grether, Director, DEQ
Mr. Nate Zimmer, Chief of Staff, DEQ
Mr. Steve Sliver, PFAS Executive Lead, DEQ
Ms. Mel Brown, Communications Director, DEQ
Mr. Michael McClellan, Environment Deputy Director, DEQ
Ms. Kathy Shirey, DEQ
Ms. Amy Peterson, DEQ
Mr. David O'Donnell, DEQ