# KALAMAZOO COUNTY GOVERNMENT

In the Pursuit of Extraordinary Governance…

**NEWS RELEASE**
**FOR IMMEDIATE RELEASE**
August 15, 2019

Lyndi Warner, Public Information Officer
pio@kalcounty.com
269-373-5270 or 269-373-5271

## August 15, 2019: Weekly Update on Kalamazoo County Water Quality

KALAMAZOO, MI — A weekly news release will be sent on Thursdays at 4:00 p.m. with the latest information surrounding all water quality related activities occurring within Kalamazoo County. Residents can also follow www.facebook.com/KalamazooCountyHCS/ or visit www.kalcounty.com/hcs/pfasresponse.php.

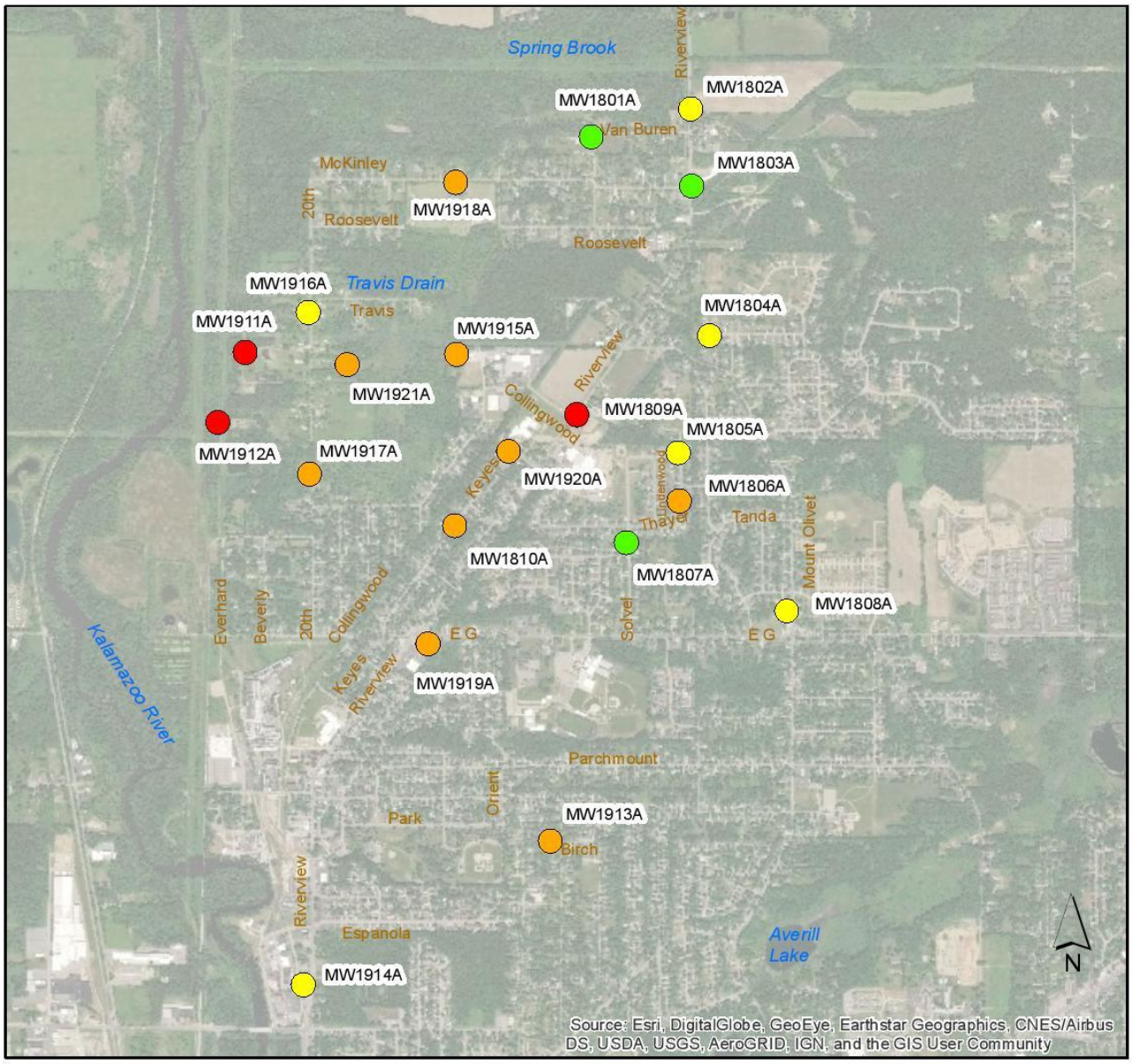
**Parchment/Cooper Township:**
The Michigan Department of Environment, Great Lakes, and Energy (EGLE) continues to oversee the Investigation being done by Georgia Pacific and Tetra Tech into PFAS contamination of groundwater. On June 5, 2019, Georgia-Pacific submitted a Hydrogeologic Investigation Report to EGLE for review.

- You can read the Hydrogeologic Investigation Report Executive Summary on the State of Michigan PFAS response web page located at https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704-479889--,00.html

- The full report is 1,501 pages long. Contact EGLE if you wish to view the full report.

Georgia Pacific has also submitted to EGLE a Workplan for additional investigation activities associated with the former Mill properties, Waste Water Treatment area and Landfill areas. EGLE has reviewed the Workplan and Georgia Pacific is scheduled to begin investigation activities this week.

Kalamazoo County has created a listserv that will be used to disseminate PFAS updates, newsletters and routine communications to you instantly via email. If you would like to subscribe to this listserv please go to: http://www.kalcounty.com/hcs/groundwater-listserv.htm



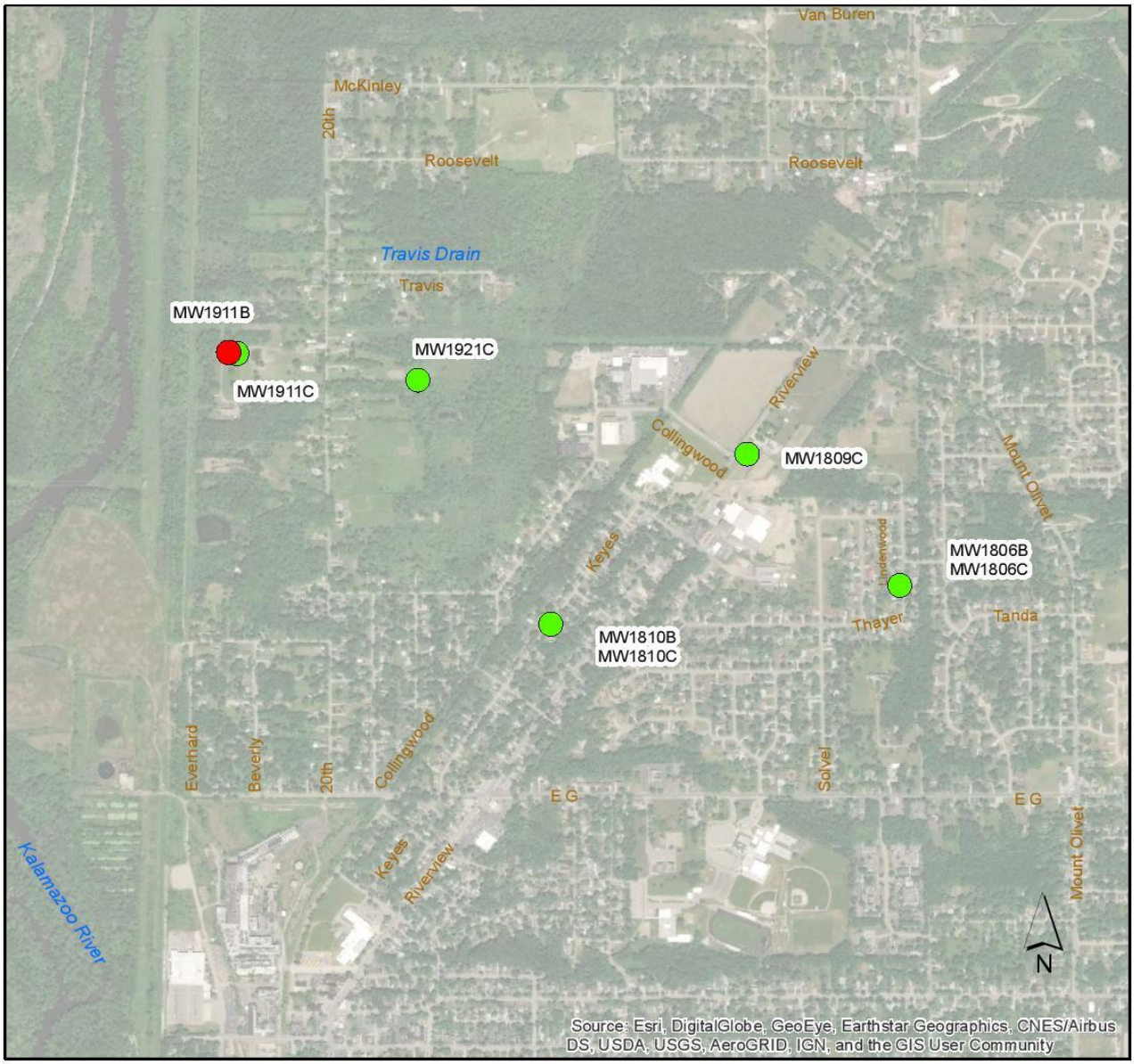

Monitoring Wells
Dec 2018 - March 2019 Sample Result - PFOA plus PFOS

- ND at the RL (2 ng/L)
- >RL - 10 ng/L
- 10 ng/L - 70 ng/L
- >70 ng/L

0 1,500 3,000 Feet

1. RL = Laboratory Reporting Limit
2. ng/L = nanograms per Liter
3. PFOA = Perfluorooctanoic Acid
4. PFOS = Perfluorooctane Sulfonic Acid
5. 70 ng/L for PFOA plus PFOS is the Michigan Department of Environmental Quality Drinking Water Criteria per Part 201, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 201 Administrative Rules. Table 1 (June 25, 2018).
6. Validated data as of March 29, 2019, are included on this map.

| | | | |
|---|---|---|---|
| | ORIGINAL: LAS | HYDROGEOLOGICAL INVESTIGATION<br>GEORGIA-PACIFIC<br>PARCHMENT, MICHIGAN | FIGURE |
| | DATE: 01/28/19 | | 1 |
| | REVISED: LAS | **MONITORING WELL - WATER TABLE (UNCONFINED)** | |
| | DATE: 04/12/19 | **LABORATORY RESULTS SUMMARY - MARCH 2019** | |

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| | DATE: 01/29/19 | | 2 |
| | REVISED: LAS | **MONITORING WELL - SEMI CONFINED/CONFINED** | |
| | DATE: 04/12/19 | **LABORATORY RESULTS SUMMARY - MARCH 2019** | |

HYDROGEOLOGIC INVESTIGATION
GEORGIA-PACIFIC
PARCHMENT, MICHIGAN

## MONITORING WELL SAMPLE LABORATORY RESULT SUMMARY - MARCH 2019

| Well Name | Well Depth (feet) | Sample Date | Sum of PFOA plus PFOS (ng/L) |
|---|---|---|---|
| MW1801A | 33 | 12/13/2018 | ND |
| MW1802A | 22 | 12/13/2018 | 2.83 |
| MW1803A | 30 | 12/13/2018 | ND |
| MW1804A | 80 | 12/12/2018 | 5.9 |
| MW1805A | 65 | 12/11/2018 | 7.58 |
| MW1806A | 63 | 12/11/2018 | 12.76 |
| MW1806B | 108 | 12/11/2018 | ND |
| MW1806C | 155 | 12/13/2018 | ND |
| MW1807A | 104 | 12/12/2018 | ND |
| MW1808A | 80 | 12/12/2018 | 8.51 |
| MW1809A | 32 | 1/8/2019 | 3432.9 |
| MW1809C | 86 | 1/9/2019 | ND |
| MW1810A | 20 | 1/8/2019 | 35.40 |
| MW1810B | 68 | 1/8/2019 | ND |
| MW1810C | 82 | 1/8/2019 | ND |
| MW1911A | 14 | 3/6/2019 | 107.4 |
| MW1911B | 48 | 2/18/2019 | 160.4 |
| MW1911C | 85 | 2/18/2019 | ND |
| MW1912A | 39 | 3/6/2019 | 960 |
| MW1913A | 61 | 2/15/2019 | 13.86 |
| MW1914A | 25 | 2/15/2019 | 6.58 |
| MW1915A | 30 | 2/14/2019 | 10.72 |
| MW1916A | 28 | 2/18/2019 | 7.08 |
| MW1917A | 32 | 2/18/2019 | 69.8 |
| MW1918A | 19 | 2/18/2019 | 11.2 |
| MW1919A | 50 | 2/15/2019 | 47.4 |
| MW1920A | 30 | 2/19/2019 | 16.8 |
| MW1921A | 20 | 2/19/2019 | 17.7 |
| MW1921C | 62 | 2/19/2019 | ND |

1. ND = Not Detected at or above the Laboratory Reporting Limit
2. ng/L = nanograms per Liter
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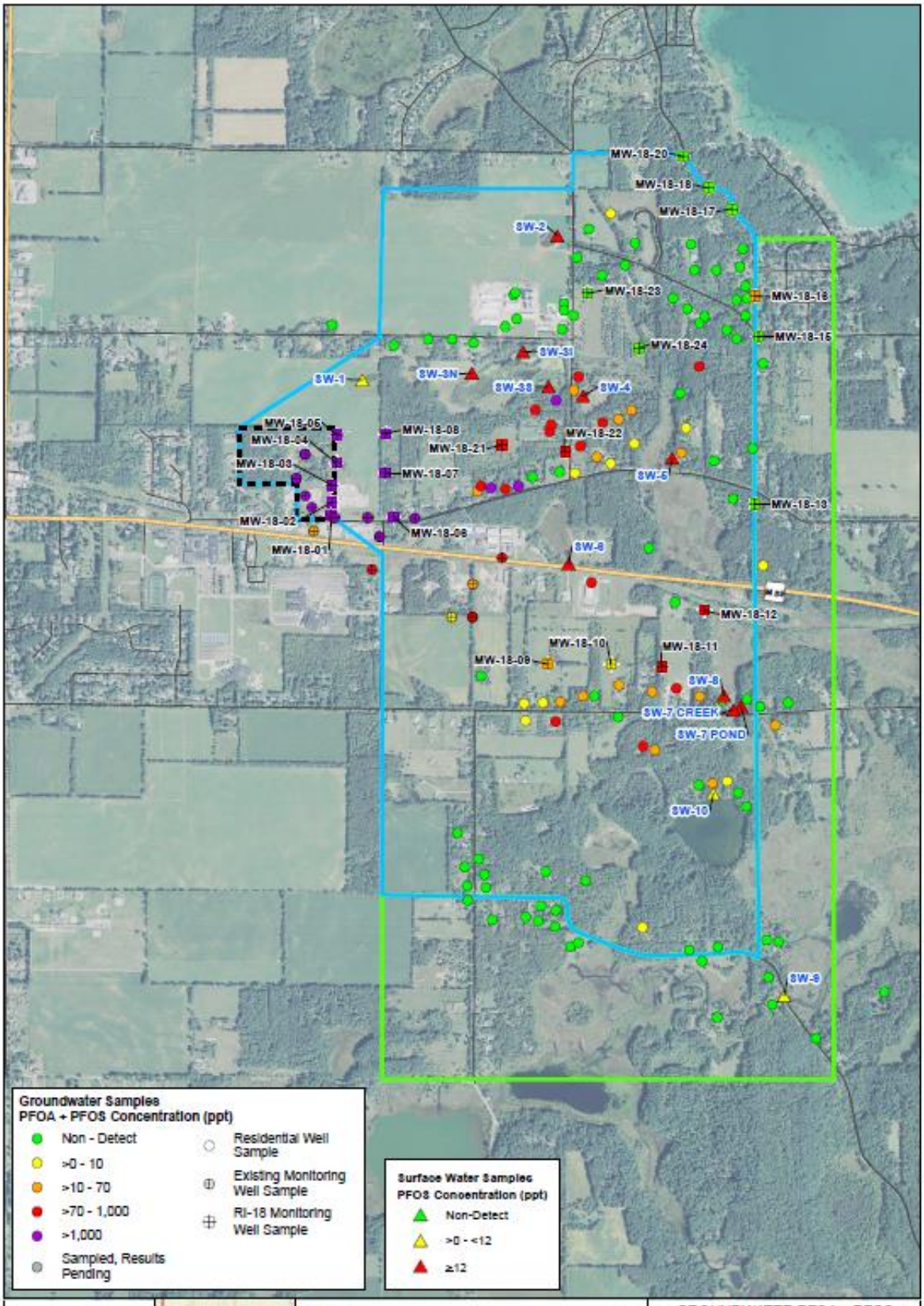
**Richland:**

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) continues to investigate the PFAS contamination at the former Production Plated Plastics facility in Richland, Michigan. In July 2019, 3 surface water samples and five residential/agricultural well samples were collected. The results for the surface water samples have been received, 2 out of 3 surface water samples had detections of PFOS above the 12 ppt groundwater surface water interface criteria. Sample locations and results are depicted on the map below. At this time the surface water concentrations do not represent a human contact issue, however additional fish tissue collection and evaluation will be completed to determine if there is a need for a fish consumption advisory in any of the surface water bodies. Due to the usage of select surface water bodies for agricultural irrigation activities, EGLE is working with the Michigan Department of Agriculture and Rural Development (MDARD) to develop an investigation plan to help determine if PFAS contamination has been spread by the irrigation activities. MDARD has also asked FDA and USDA for assistance with this issue.

Kalamazoo County has created a listserv that will be used to disseminate PFAS updates, newsletters and routine communications to you instantly via email. If you would like to subscribe to this listserv please go to: http://www.kalcounty.com/hcs/groundwater-listserv.htm.




AECOM

Drawn: JS Date: 7/31/2019

Approved: JB Date: 7/31/2019

Project #: 60582480

Legend

Production Plated Plastics

Study Area

Buffer Zone

N

0 0.2 0.4 Miles

GROUNDWATER PFOA + PFOS SAMPLING RESULTS & SURFACE WATER PFOS SAMPLING RESULTS

DRAFT

RICHLAND, MI

# # #

Kalamazoo County Government
Health & Community Services Department
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