



# KALAMAZOO COUNTY GOVERNMENT

In the Pursuit of Extraordinary Governance...

**NEWS RELEASE  
FOR IMMEDIATE RELEASE**  
October 10, 2019

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## **October 10, 2019: Update on Kalamazoo County Water Quality**

KALAMAZOO, MI — A 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 as information become available. Residents can also follow [www.facebook.com/KalamazooCountyHCS/](https://www.facebook.com/KalamazooCountyHCS/) or visit [www.kalcountry.com/hcs/pfasresponse.php](http://www.kalcountry.com/hcs/pfasresponse.php).

### **Parchment/Cooper Township:**

The Centers for Disease Control (CDC) and the Agency for Toxic Substances and Disease Registry (ATSDR) have awarded the Michigan Department of Health and Human Services (MDHHS) a grant in the amount of \$1 million to conduct a PFAS health study in Parchment, Cooper Township, and North Kent County. A press release published by the CDC Newsroom states, "The goal of the multi-site study is to understand the relationship between PFAS exposure and health outcomes in differing populations. The Study will add to our scientific knowledge about PFAS exposure and help people understand their risks for health effects." A full copy of the release can be found here: <https://www.cdc.gov/media/releases/2019/p0923-cdc-atsdr-award-pfas-study.html>

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. Georgia Pacific previously submitted to EGLE a Workplan for additional investigation activities associated with the former Mill properties, Waste Water Treatment area and Landfill areas. EGLE reviewed the Workplan and Georgia Pacific has completed a majority of the planned investigation activities which included soil boring and monitoring well installation activities, staff gauge installation, waste pile sampling and surface water sampling. Sampling of the recently installed monitoring wells is scheduled to begin this week. The remainder of the planned investigation activities will be completed once the necessary access agreement are in place.

You can read updates as well as 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](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.

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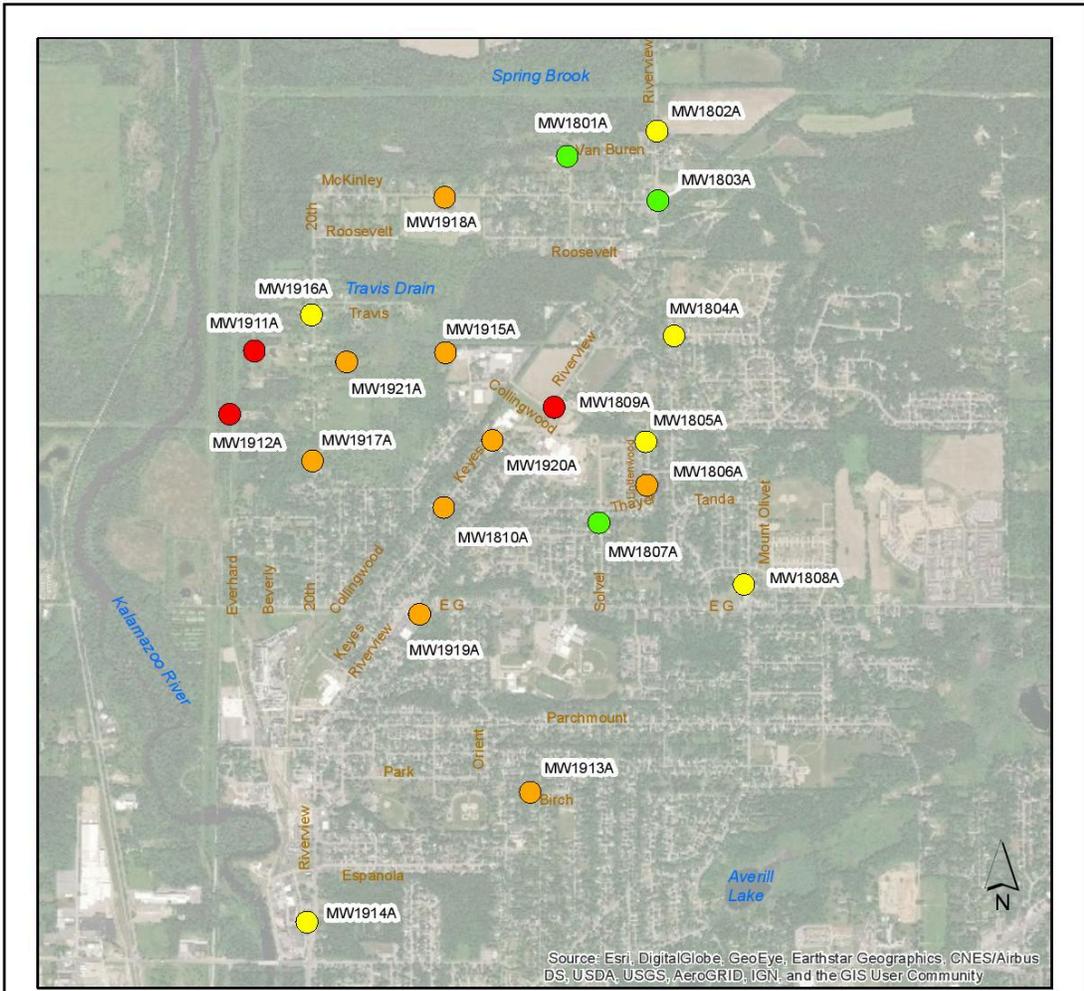
**HEALTH AND COMMUNITY SERVICES DEPARTMENT**

311 East Alcott Street, Kalamazoo, MI 49001

[www.facebook.com/KalamazooCountyHCS/](https://www.facebook.com/KalamazooCountyHCS/) | [www.kalcountry.com/hcs](http://www.kalcountry.com/hcs)

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>



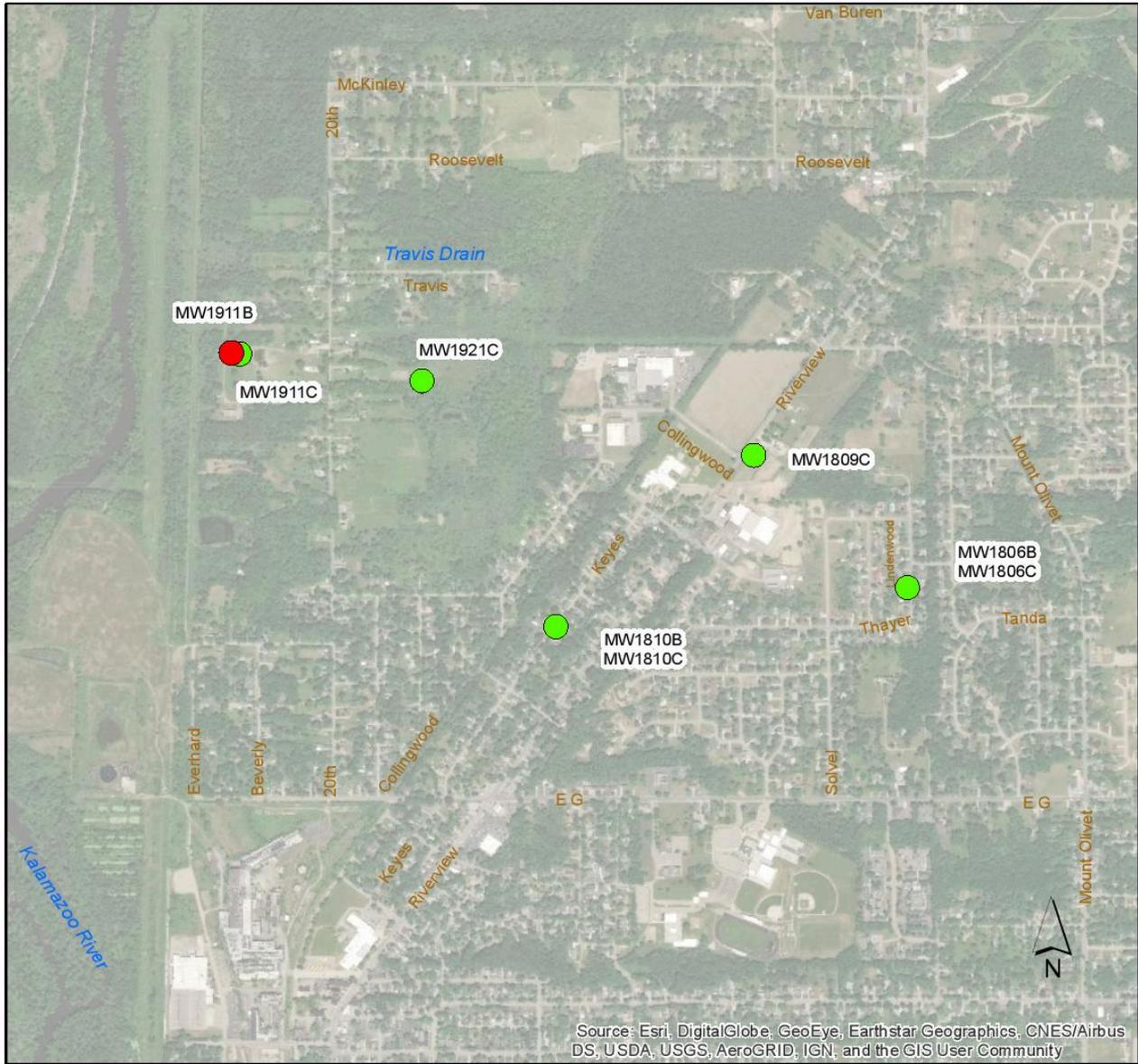
**Monitoring Wells**  
 Dec 2018 - March 2019 Sample Result - PFOA plus PFOS

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



**Monitoring Wells**

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HYDROGEOLOGICAL INVESTIGATION  
 GEORGIA-PACIFIC  
 PARCHMENT, MICHIGAN  
**MONITORING WELL - SEMI CONFINED/CONFINED  
 LABORATORY RESULTS SUMMARY - MARCH 2019**

FIGURE  
**2**

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

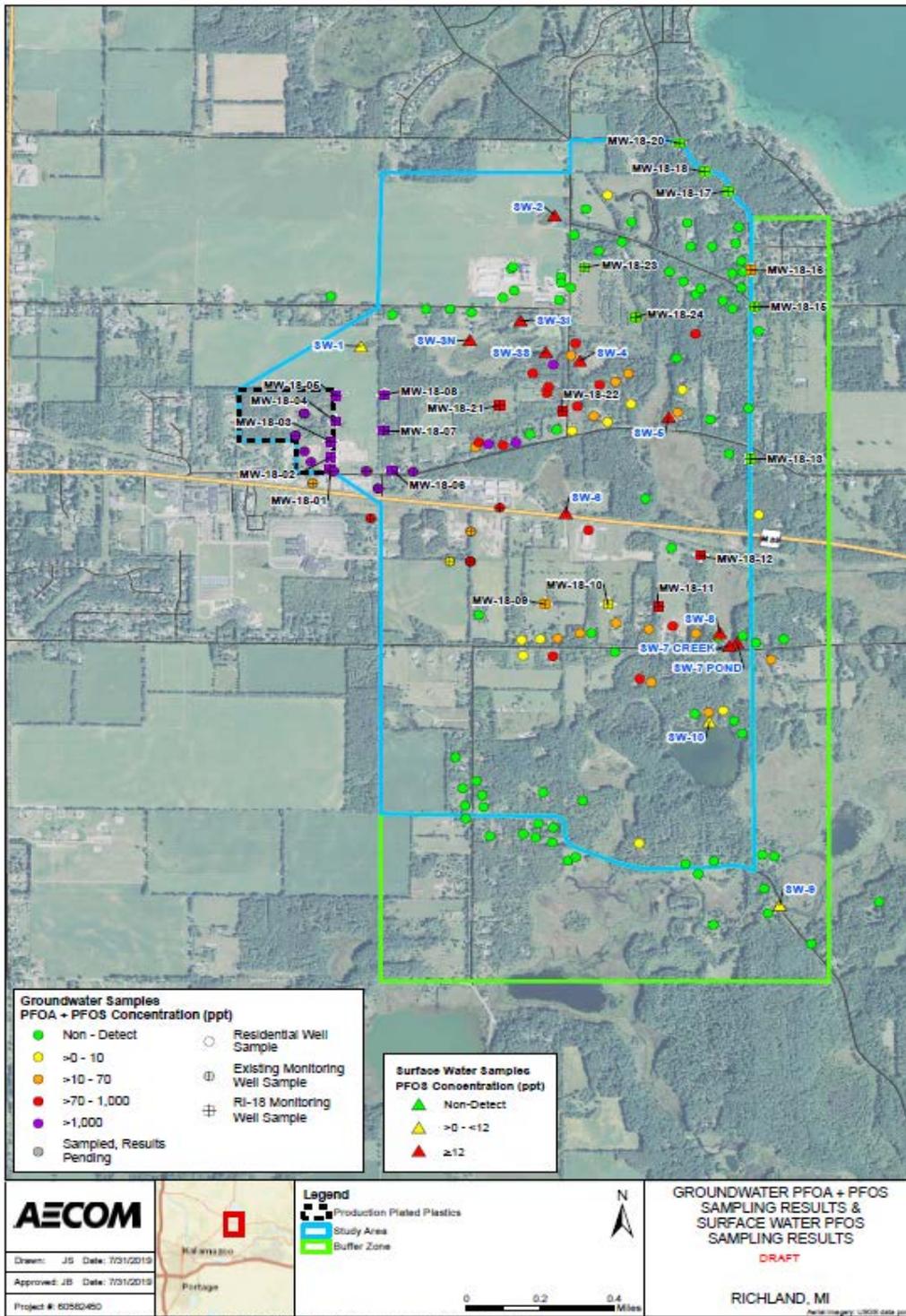
1. ND = Not Detected at or above the Laboratory Reporting Limit
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**Richland:**

The Centers for Disease Control (CDC) and the Agency for Toxic Substances and Disease Registry (ATSDR) have awarded the Michigan Department of Health and Human Services (MDHHS) a grant in the amount of \$1 million to conduct exposure assessments in Parchment, Cooper Township, and North Kent County. A press release published by the CDC Newsroom states, "The goal of the multi-site study is to understand the relationship between PFAS exposure and health outcomes in differing populations. The Study will add to our scientific knowledge about PFAS exposure and help people understand their risks for health effects." A full copy of the release can be found here: <https://www.cdc.gov/media/releases/2019/p0923-cdc-atsdr-award-pfas-study.html>

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 a soil investigation plan to help determine if PFAS contamination has been spread by the irrigation activities. MDARD is also developing a sampling plan to investigate potential crop and cattle feed issues at the local farm property. MDARD has requested and is receiving assistance from FDA and USDA in regards to these issues.

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Kalamazoo County Government  
Health & Community Services Department

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