KALAMAZOO COUNTY GOVERNMENT

In the Pursuit of Extraordinary Governance…

NEWS RELEASE
FOR IMMEDIATE RELEASE
March 28, 2019

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269-373-5270 or 269-373-5271

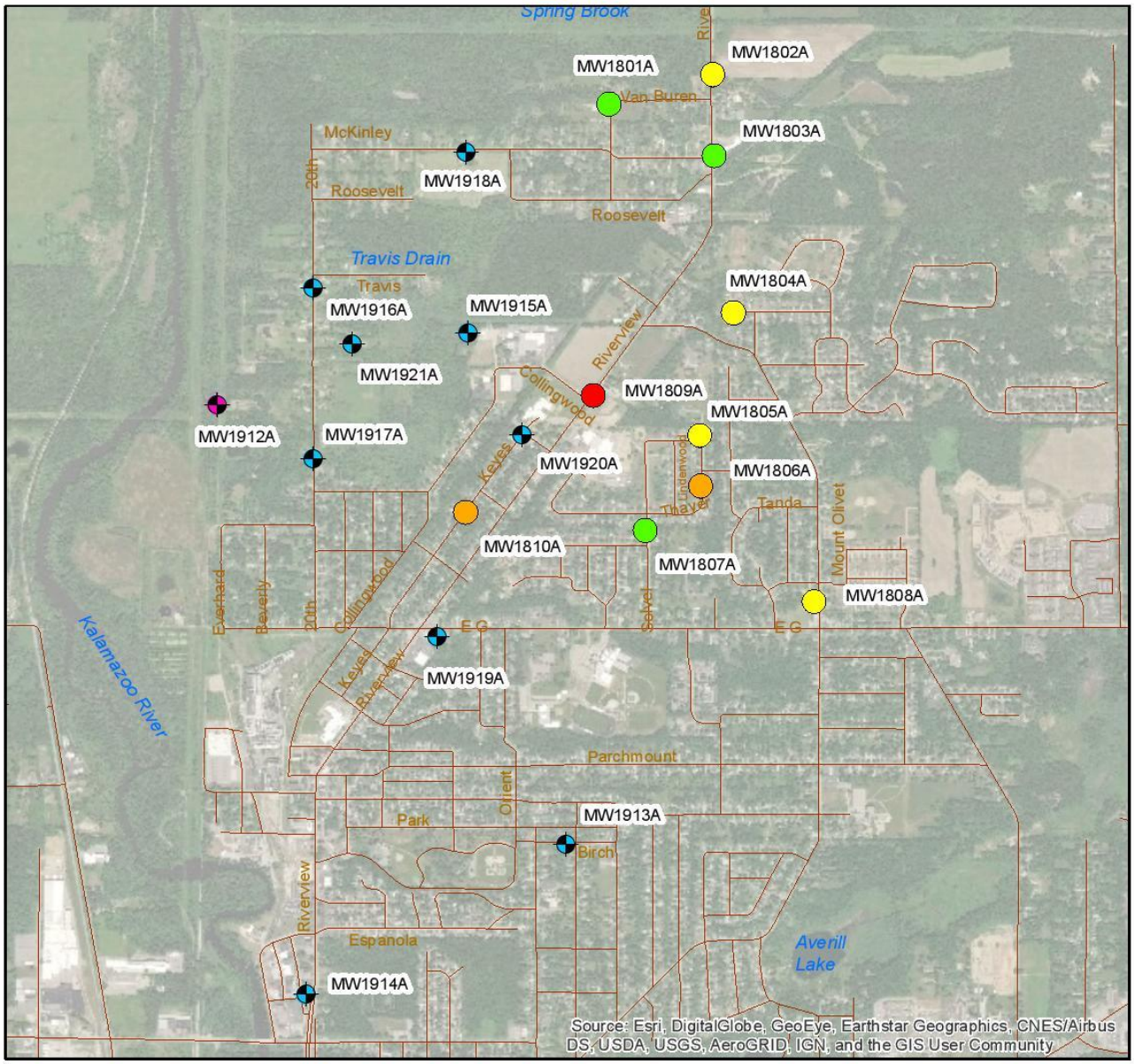
March 28, 2019: Weekly Update on Kalamazoo County Water Quality

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 Environmental Quality (MDEQ) continues to oversee the Hydrogeologic Investigation being done by Georgia Pacific and Tetra Tech into PFAS contamination of groundwater. MDEQ and Tetra Tech have completed the Phase II monitoring well installation and sampling activities. Results have started to come in and are included in the attached maps and data table. Additional results are still pending and should be received within the next 2 weeks. Additional surface water sampling is also planned now that ice is off the lagoons. Once all of the data is received Georgia-Pacific will be preparing and submitting a report to the MDEQ summarizing the finding thus far of the Hydrogeologic Investigation activities. At that time the MDEQ and Georgia-Pacific will meet to discuss potential data gaps and the proposed future investigation activities. Attached are maps showing the study area, monitoring well locations and results from the residential well, Phase I and Phase II well sampling.

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
You will then be asked for your name and e-mail address. After submitting these you will be subscribed to the listserv. The email addresses on the listserv are used for county purposes only and are not distributed to any third parties. You may unsubscribe to the listserv at any time as every email you receive will include an easily found option to unsubscribe. Once you subscribe, you will receive an email that verifies your subscription. Please make sure that any spam filter that you are using does not block email from kalcountyeh.simplelists.com. Please call the Kalamazoo County Environmental Health office at 269-373-5210 if you have any questions.



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

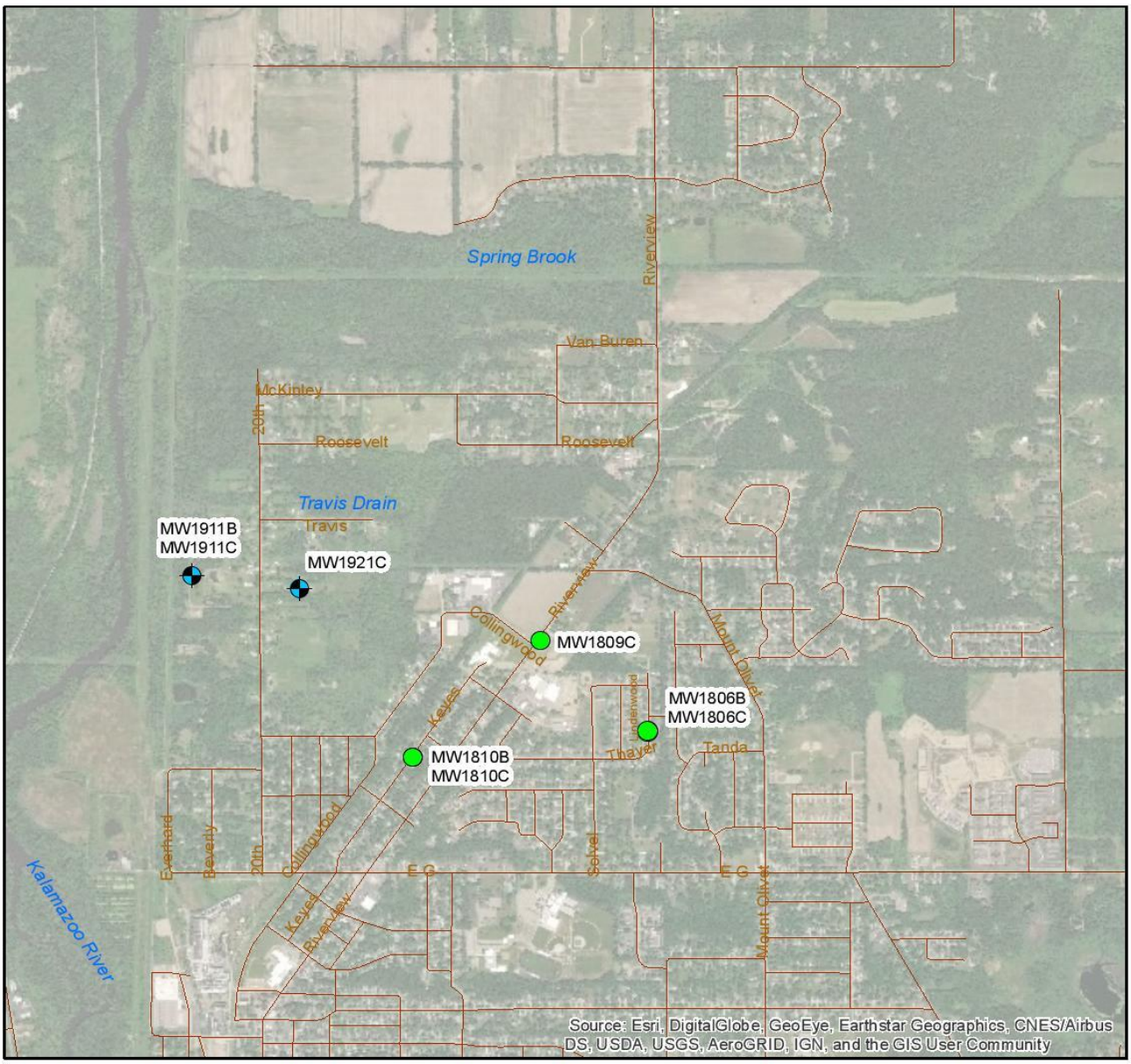
- ND at the RL (2 ng/L)
- >RL - 10 ng/L
- 10 ng/L - 70 ng/L
- >70 ng/L
- February 2019 Laboratory Results Pending
- Planned for Future Sampling

1. RL = Laboratory Reporting Limit
2. ng/L = nanograms per Liter
3. PFOA = Perfluorooctanoic Acid
4. PFOS = Perfluorooctane Sulfonic Acid
5. Samples were collected by Tetra Tech in December 2018.
6. 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).

0 1,500 3,000 Feet

N

	ORIGINAL: LAS	HYDROGEOLOGICAL INVESTIGATION GEORGIA-PACIFIC PARCHMENT, MICHIGAN	FIGURE
	DATE: 01/28/19		1
	REVISED: LAS	**MONITORING WELL - WATER TABLE (UNCONFINED)**	
	DATE: 02/28/19	**LABORATORY RESULTS SUMMARY - JANUARY 2019**	



Monitoring Wells
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N

	ORIGINAL: LAS	HYDROGEOLOGICAL INVESTIGATION GEORGIA-PACIFIC PARCHMENT, MICHIGAN	FIGURE
	DATE: 01/29/19		2
	REVISED: LAS	**MONITORING WELL - SEMI CONFINED/CONFINED**	
	DATE: 02/28/19	**LABORATORY RESULT SUMMARY - JANUARY 2019**	

HYDROGEOLOGIC INVESTIGATION
GEORGIA-PACIFIC
PARCHMENT, MICHIGAN

MONITORING WELL SAMPLE LABORATORY RESULT SUMMARY - JANUARY 2018

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

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Parchment/Cooper Township Continued:
Additionally, regarding lead testing, residents can call the City of Parchment at 269-349-3785 or the City of Kalamazoo at 269-337-8550 to have their water tested for lead and to receive a lead filter. For questions about installing the lead filter, residents should call 269-337-8550.

Richland:
The Michigan Department of Environmental Quality (MDEQ) continues to sample the recently installed monitoring wells in the study area. MDEQ has started to receive results back from the monitoring well sampling. Additional monitoring well sampling is planned for the next 2 weeks. Once all of the monitoring well results are received the MDEQ will begin developing additional maps, cross sections and conceptual site models to better understand the contamination and develop a strategy for additional investigation activities. Residential well sampling in the expanded study area has also been completed. MDEQ collected 33 residential well samples in this area and have received all of the results back. Preliminary review of the results looks very positive as none of the samples exceeded the 70 ppt health advisory value. 30 out of the 33 residential samples where non-detect. Michigan Department of Health and Human Services (MDHHS) and Kalamazoo County Health & Community Services Department provided notification to these residents of the sampling, and out of an abundance of caution, all residents in the expanded residential water well program area and buffer zone have been offered PFAS filters. Proposed surface water sampling and irrigation well sampling activities are planned for late Spring/early Summer of 2019. Attached is a map showing the study area, monitoring well locations and results from the residential and monitoring well sampling.

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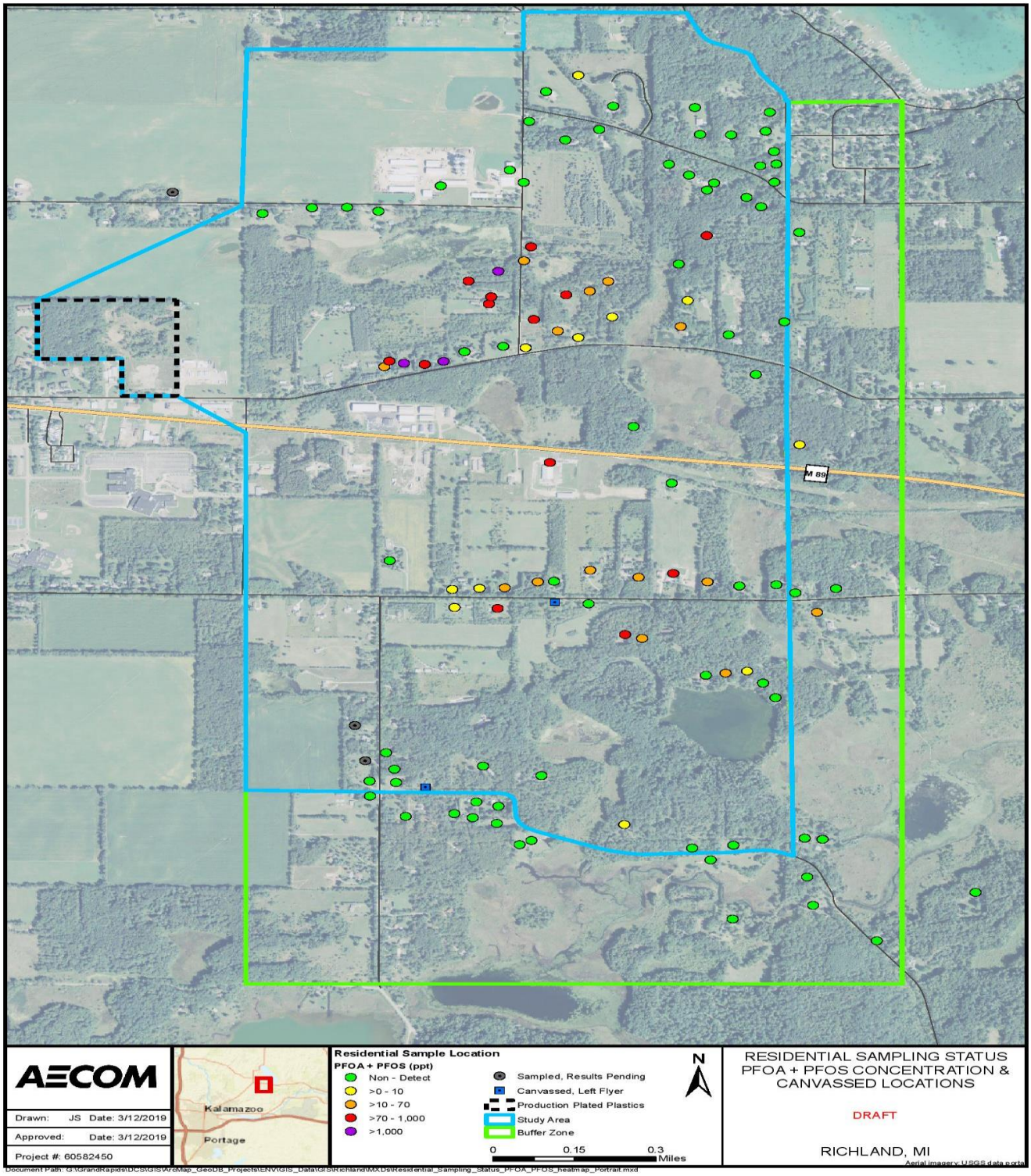

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Health & Community Services Department
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