KALAMAZOO COUNTY GOVERNMENT

In the Pursuit of Extraordinary Governance…

NEWS RELEASE
FOR IMMEDIATE RELEASE
May 30, 2019

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May 30, 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.

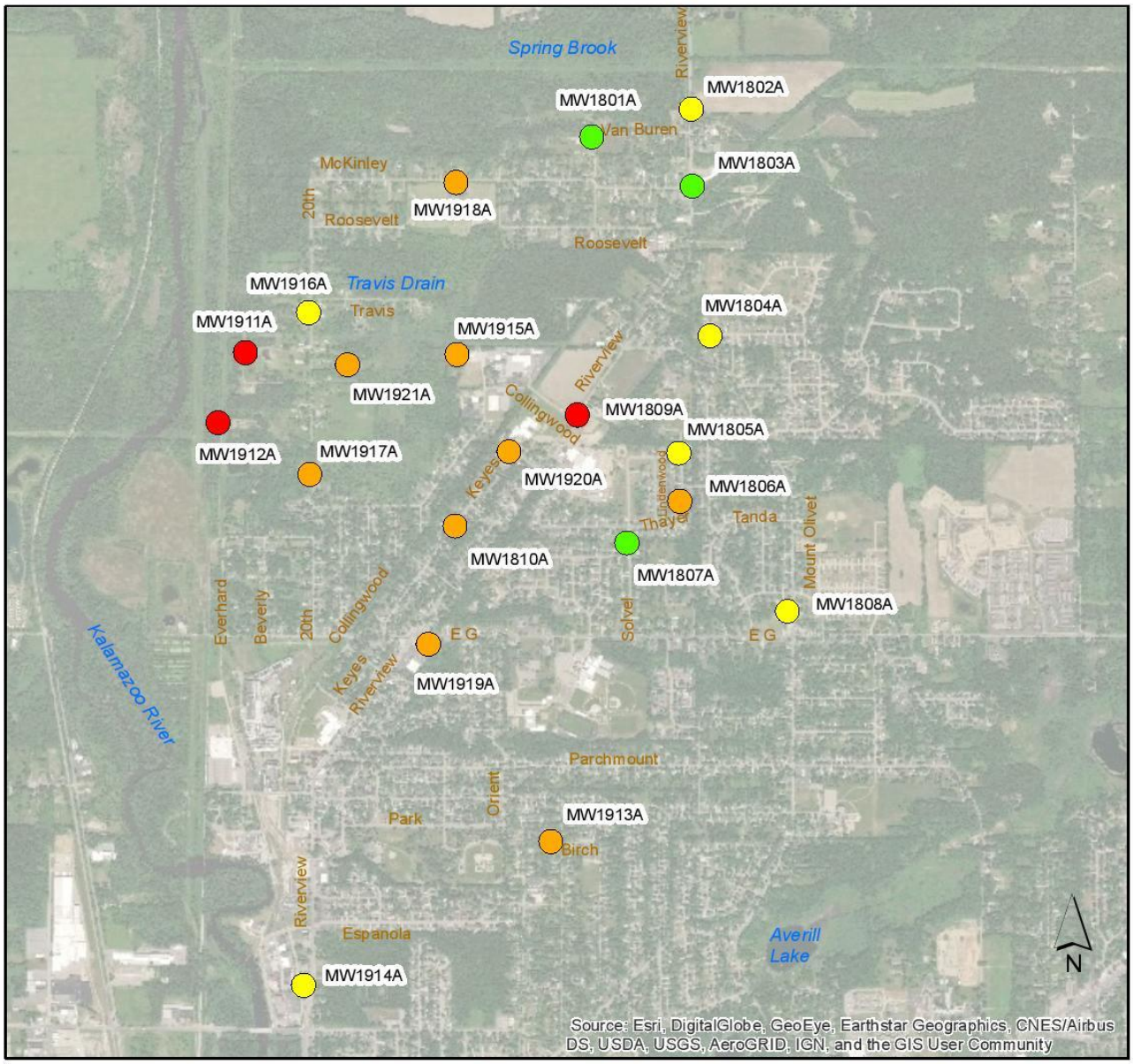
Parchment/Cooper Township:
The Michigan Department of Environment, Great Lakes, and Energy (EGLE) continues to oversee the Hydrogeologic Investigation being done by Georgia Pacific and Tetra Tech into PFAS contamination of groundwater. EGLE and Tetra Tech have completed the Phase II monitoring well installation and sampling activities. 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 EGLE summarizing the finding thus far of the Hydrogeologic Investigation activities. At that time the EGLE 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.

As the summer recreation season is drawing closer, the Michigan Department of Health and Human Services (MDHHS) is issuing a reminder that everyone should avoid foam on Michigan lakes and rivers known to have per and poly-fluoroalkyl substances (PFAS) in the water. Foam on these water bodies can have much higher amounts of PFAS than the water, and swallowing foam with PFAS could be a health risk.

Health advisories for foam exist on these waterbodies:

- Van Etten Lake, Oscoda.
- Lake Margrethe, Grayling.
- Rogue River, Rockford.
- Thornapple River, Grand Rapids.
- Huron River, Southeast Michigan.

Swimming or bathing in water containing PFAS is not a health concern because the amount of PFAS is typically low compared to the foam. Although swallowing PFAS is the main way to get it in your body, an accidental swallow of river or lake water is not a health concern. For more information about PFAS foam in Michigan, visit https://www.michigan.gov/pfasresponse/0,9038,7-365-88059_91295---,00.html



Monitoring Wells

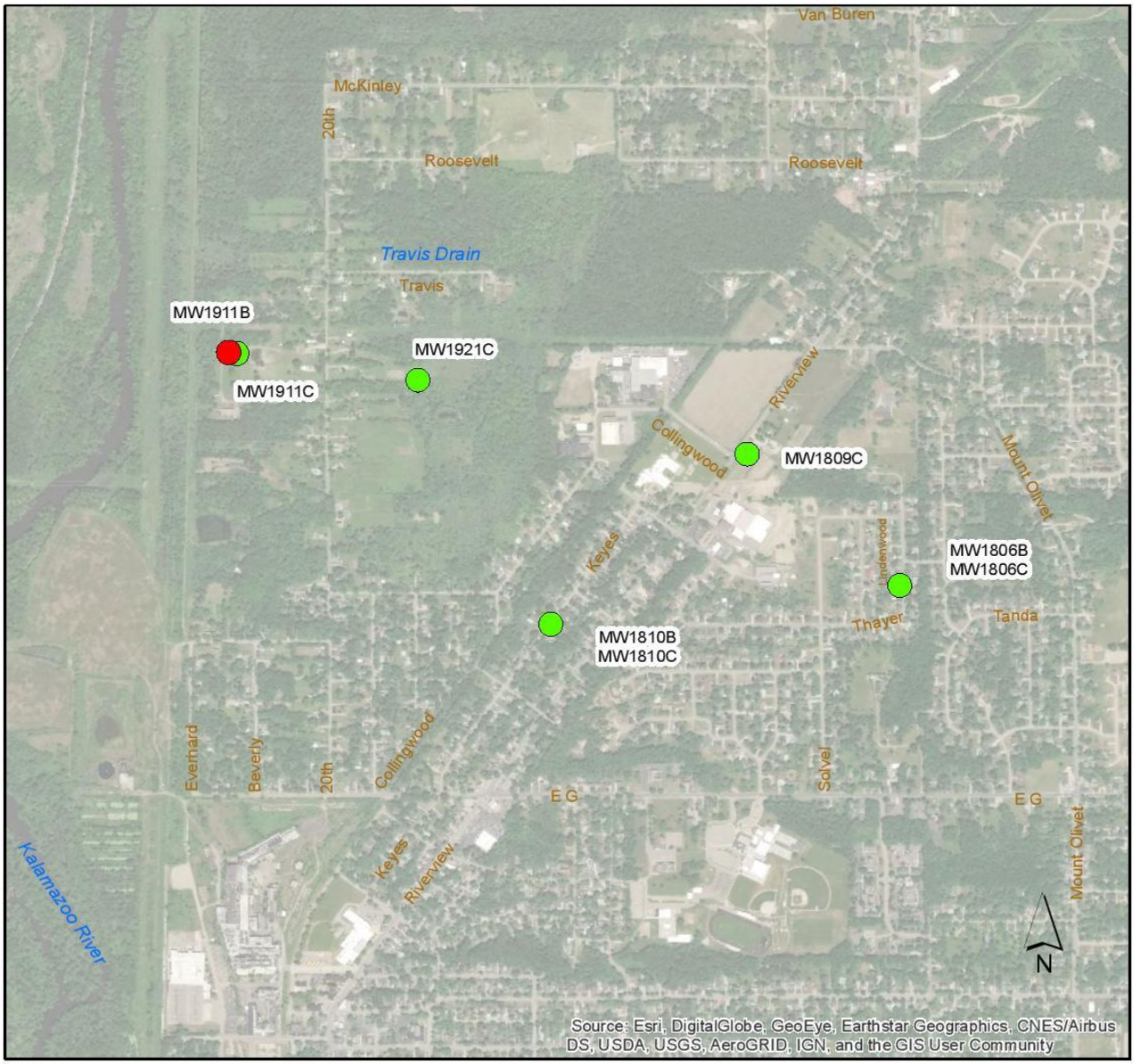
Dec 2018 - March 2019 Sample Result - PFOA plus PFOS

- 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	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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	ORIGINAL: LAS	HYDROGEOLOGICAL INVESTIGATION GEORGIA-PACIFIC PARCHMENT, MICHIGAN	FIGURE
	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
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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 Environment, Great Lakes, and Energy (EGLE) continues to sample the recently installed monitoring wells in the study area. EGLE 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 EGLE 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. EGLE 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 were 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 has started in Richland in the study area. 10 samples have been collected to date and the results will be added to the updated map attached to this press release.

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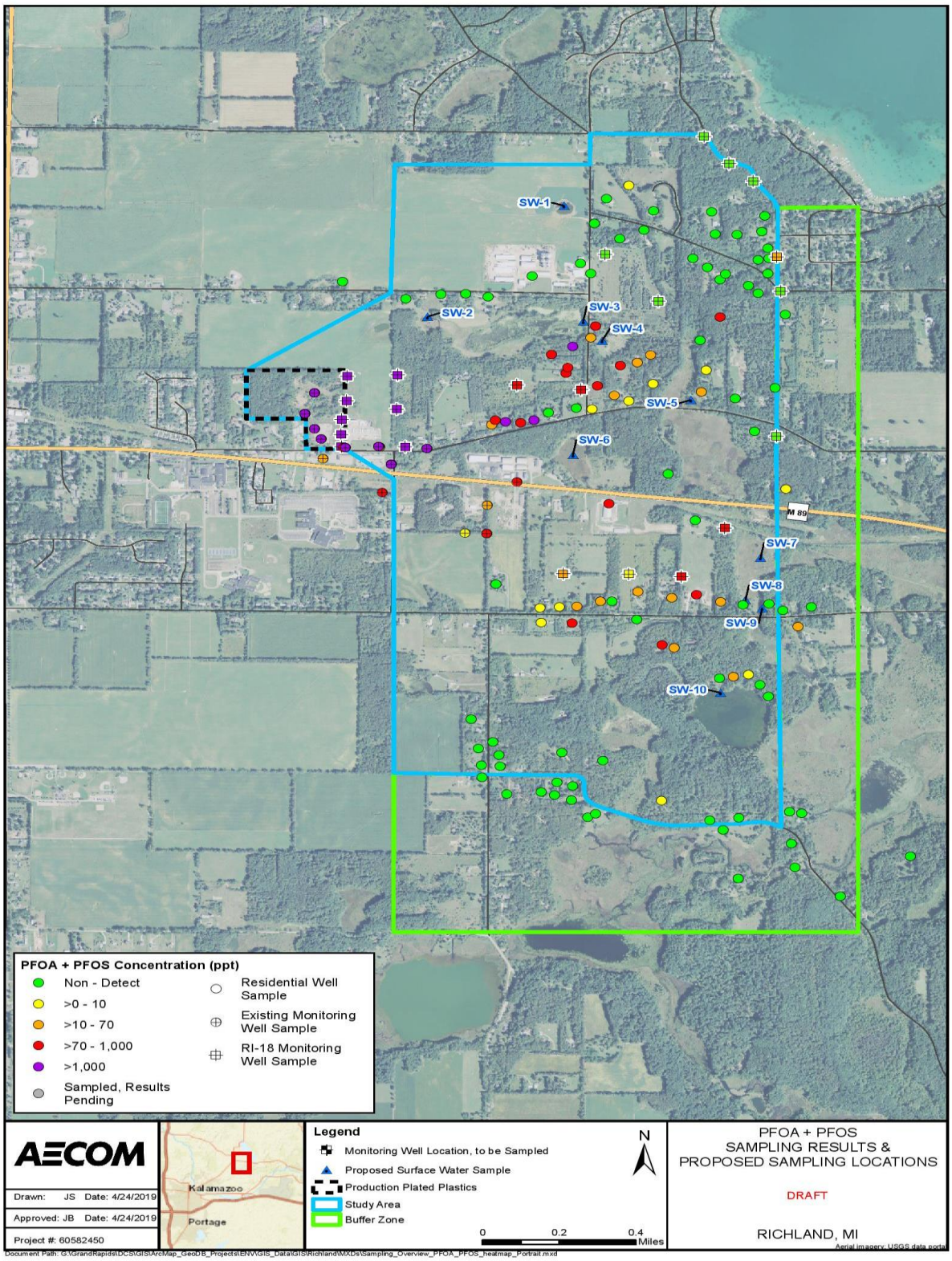
Kalamazoo County has created a listserv that will be used to disseminate PFAS updates, newsletters and routine communications to you instantly via email. If you would like to subscribe to this listserv please go to: http://www.kalcounty.com/hcs/groundwater-listserv.htm



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Kalamazoo County Government
Health & Community Services Department
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