KALAMAZOO COUNTY GOVERNMENT

In the Pursuit of Extraordinary Governance…

NEWS RELEASE
FOR IMMEDIATE RELEASE
March 21, 2019

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269-373-5270 or 269-373-5271

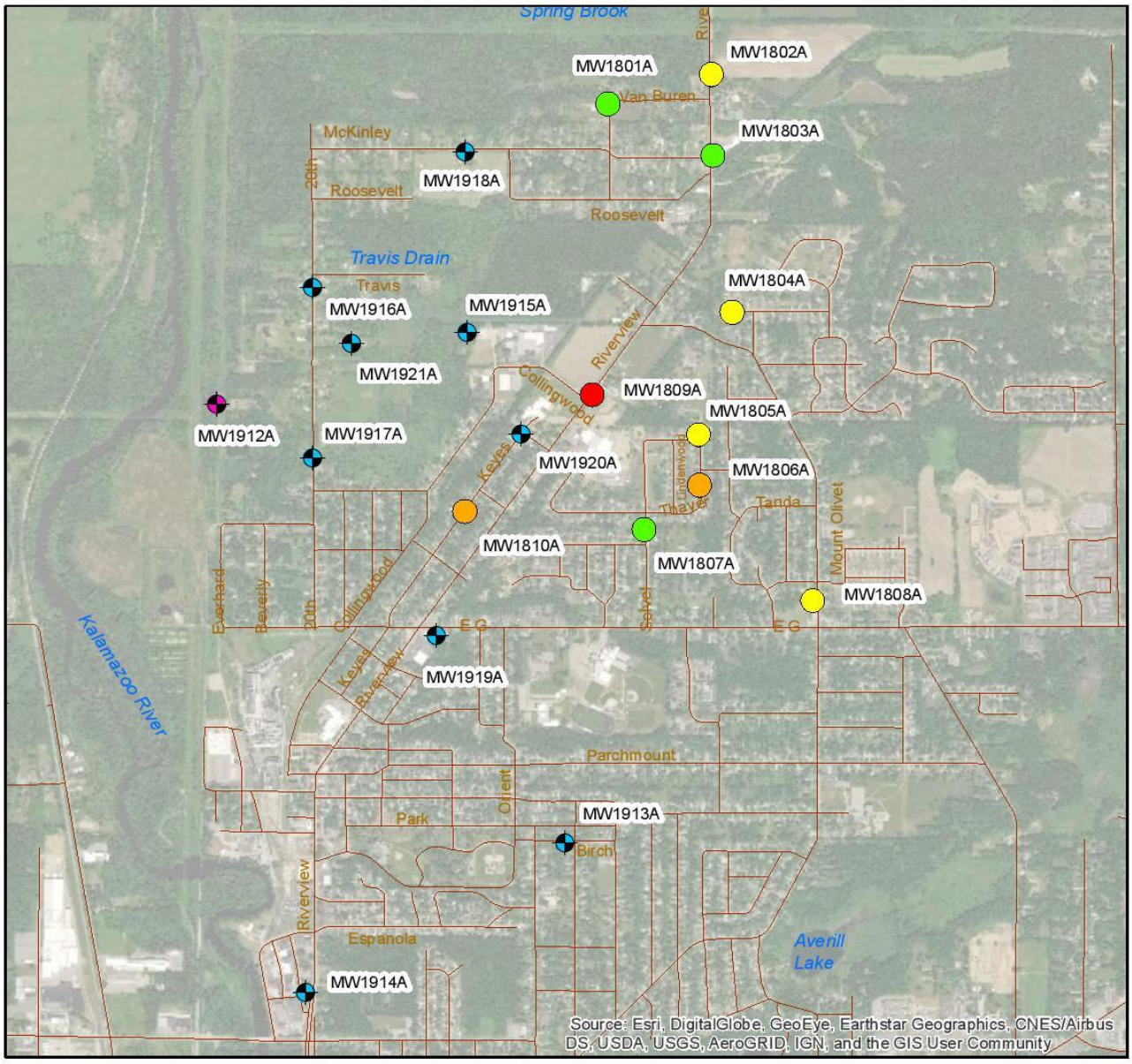
March 21, 2019: Weekly Update on Kalamazoo County Water Quality

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 continue to complete Phase II of the PFAS investigation including the continued installation of monitor wells and well sampling. Attached are maps showing the study area, monitoring well locations and results from the residential well and Phase I 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

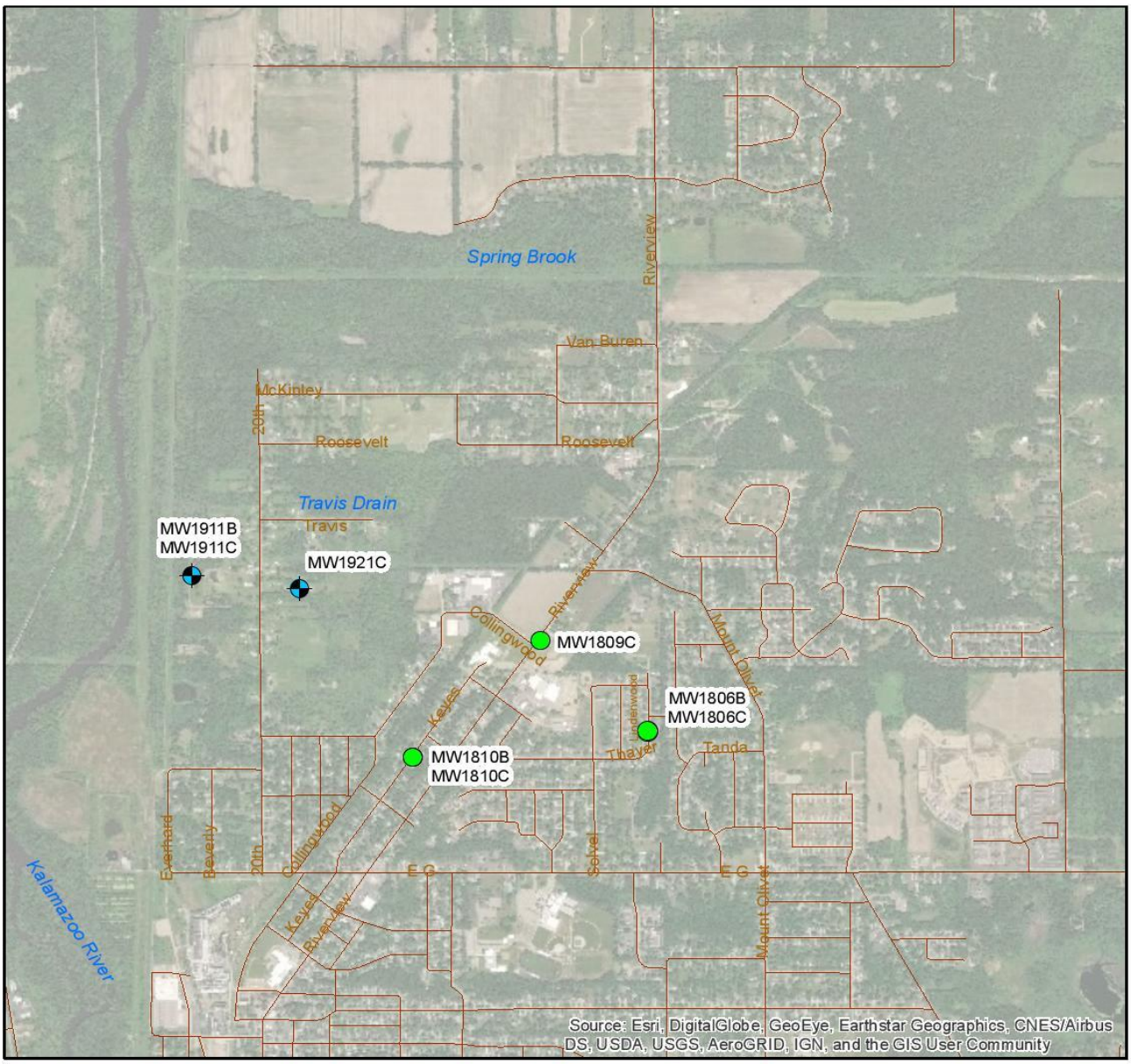
- ND at the RL (2 ng/L)
- >RL - 10 ng/L
- 10 ng/L - 70 ng/L
- >70 ng/L
- February 2019 Laboratory Results Pending
- Planned for Future Sampling

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 **MONITORING WELL - WATER TABLE (UNCONFINED)** **LABORATORY RESULTS SUMMARY - JANUARY 2019**	FIGURE 1
	DATE: 01/28/19		
	REVISED: LAS		
	DATE: 02/28/19		



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N

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

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

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 Environmental Quality (MDEQ) has completed the installation of the first phase of Remedial Investigation monitoring wells in the study area. These monitoring wells have been developed and are currently being sampled. Residential well sampling in the expanded study area is ongoing. A majority of the residential wells in this area have been collected and scheduling for the remaining sampling is currently taking place. MDEQ has started to receive results back from the recently installed monitoring wells as well as the residential water samples. Once these results are reviewed and compiled, maps and data tables will be provided in the weekly updates. Michigan Department of Health and Human Services (MDHHS) and Kalamazoo County Health & Community Services Department have 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.

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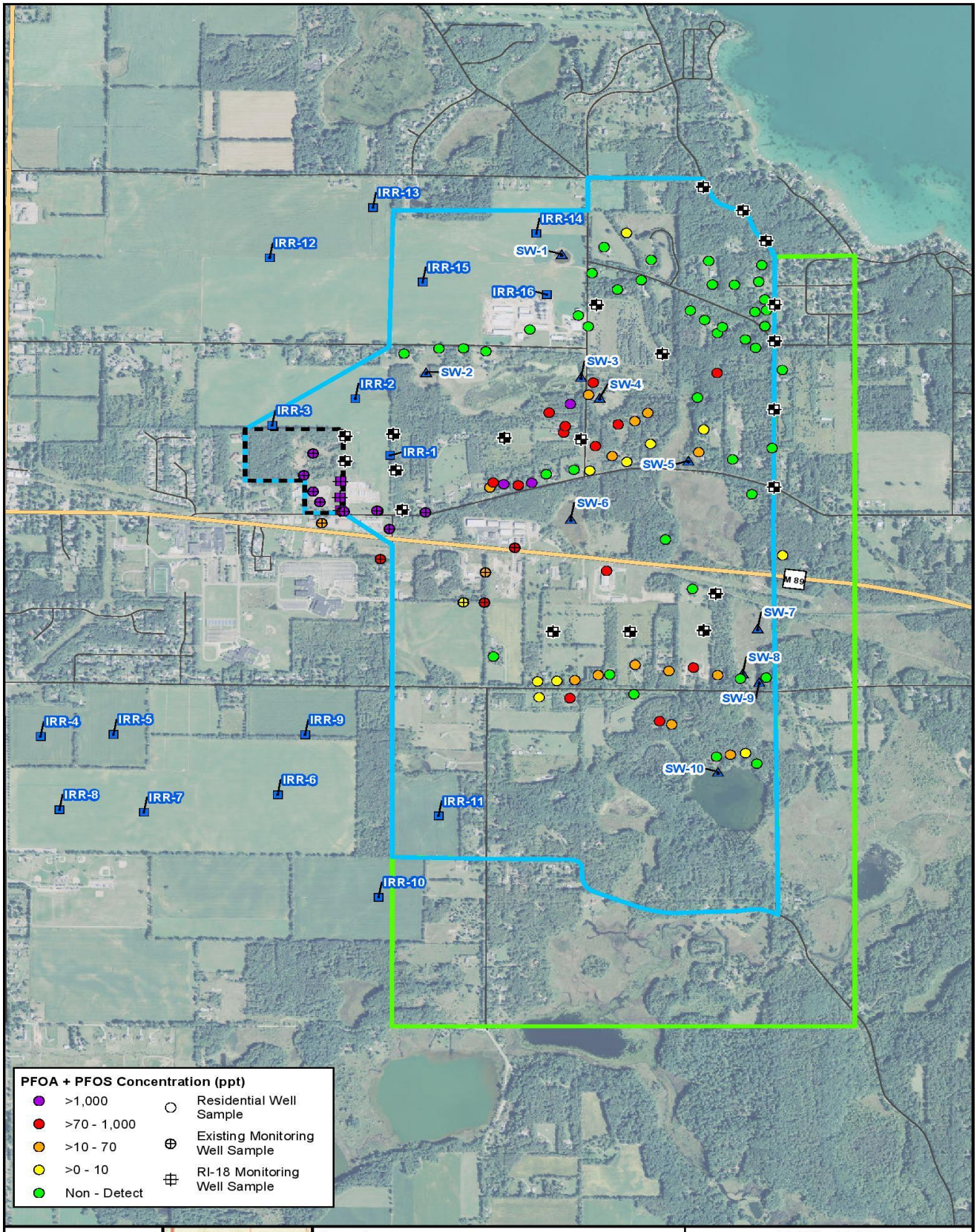

AECOM

Drawn: JS Date: 1/30/2019

Approved: JB Date: 1/30/2019

Project #: 60582450

Legend

- Proposed Monitoring Well Location (20)
- Proposed Surface Water Sample
- Proposed Irrigation Well Sample
- Production Plated Plastics
- Study Area
- Buffer Zone

0 0.2 0.4 Miles

N

PFOA + PFOS SAMPLING RESULTS & PROPOSED SAMPLING LOCATIONS

DRAFT

RICHLAND, MI

Aerial imagery: USGS data portal

Document Path: G:\GrandRapids\DCS\GIS\ArcMap_GeoDB_Projects\ENV\GIS_Data\GIS\Richland\MXDs\Sampling_Overview_PFOA_PFOS_heatmap_Portrait.mxd

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Kalamazoo County Government
Health & Community Services Department
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