

EATON COUNTY BOARD OF COMMISSIONERS

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Tim Barnes
Blake Mulder
Terrance Augustine
Brandon Haskell
Jeanne Pearl-Wright
Jane Whitacre
Mark J. Mudry
Joseph Brehler



MEMBERS

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Dairus Reynnet
Wayne Ridge
Brian Lautzenheiser
Jim Mott
Jeremy Whittum
Barbara Rogers

1045 Independence Blvd, Charlotte, MI 48813

EATON COUNTY BOARD OF COMMISSIONERS/PUBLIC WORKS AND PLANNING COMMITTEE

WEDNESDAY, APRIL 14, 2021, 9:00 A.M.

TO BE HELD VIRTUALLY

AGENDA

1. Call to Order.
2. Pledge of Allegiance.
3. Agenda Additions and Changes.
4. Approval of March 10, 2021 Minutes.
5. Limited Public Comment.
6. MSU Extension Semi-annual Update.
7. Parks Report.
 - Right-of-Way Easement
8. Construction Code Report.
 - City of Charlotte
9. DIA Update.
 - Department Update
 - Financial Report
 - Waste Hauler Licensing Update
10. Community Development Report.
11. Landfill Update.
12. Miscellaneous.
13. Limited Public Comment.

A quorum of the Board of Commissioners may be present at this meeting.

PUBLIC WORKS & PLANNING COMMITTEE

**WEDNESDAY, MARCH 10, 2021
9:00 A.M.**

MINUTES

MEMBERS PRESENT: Commissioners Brian Lautzenheiser, Jim Mott, Terrance Augustine, Joseph Brehler, Blake Mulder, Barbara Rogers and Jane Whitacre

ALSO PRESENT: Commissioner Jeremy Whittum, Blair Ballou, Sue Spagnuolo, Troy Stowell, Gene Bryan, Morgan Feldpausch, Claudine Williams and John Fuentes

The Public Works and Planning Committee met in virtual session on March 10, 2021 as permitted by PA 228 of 2020, as amended. The members made an announcement of the location from which they are participating remotely as follows:

Commissioner Lautzenheiser, their residence in the City of Charlotte, Eaton County, MI
Commissioner Mott, their residence in Walton Township, Eaton County, MI
Commissioner Rogers, their residence in Hamlin Township, Eaton County, MI
Commissioner Mulder, their second residence in Oneida Township, Eaton County, MI
Commissioner Brehler, their residence in the City of Lansing, Eaton County, MI
Commissioner Augustine, their residence in the City of Grand Ledge, Eaton County, MI
Commissioner Whitacre, their residence in Delta Township, Eaton County, MI

Chairperson Lautzenheiser called the meeting to order at 9:00 a.m.

The Pledge of Allegiance was given by all.

Commissioner Rogers moved to approve the agenda, as presented. Commissioner Mott seconded. Motion carried by unanimous roll call vote.

Commissioner Mott moved to approve the minutes of the February 10, 2021 meeting, as presented. Commissioner Whitacre seconded. Motion carried by unanimous roll call vote.

Blair Ballou, Engineer/Manager for Eaton County Road Commission, was present to provide the Commission's semi-annual update. The supplemental annual report was distributed and reviewed. It was reported that 19 miles of the County Primary Road system was re-surfaced, and 43 miles were seal-coated. The 2020 report for the local road mileage program was also distributed and reviewed. A total of 26 miles of the County Local Road system were resurfaced and 16 miles were re-graveled. Discussion held regarding the progress of the local road mileage program.

Sue Spagnuolo, Eaton Conservation District, was present to review and discuss the agency's upcoming Community Resource Assessment survey. Discussion held.

Troy Stowell, Parks and Recreation Director, was present to provide the Department's monthly report. An update was provided on current planned events and summer camp operations, including protocols that will be implemented for public health. It was also reported that the Parks Commission recommended re-allocating \$50,000.00 of its current capital allocation to complete parking lot improvements at Crandell Park required under the County's conditional use permit. Discussion held.

Gene Bryan, Construction Code Enforcement Director, was present to provide the Department's monthly report. The monthly reports for permit and inspection activities were presented and reviewed. It was also reported that the City of Charlotte is considering repealing its code ordinance to turn over jurisdiction to the County. One of the items that will need to be discussed is the County's cost to complete inspections required for open permits issued by the City. The County is proposing to the City a fee of \$50.00 per inspection on the City-issued permits to complete the transition. Discussion held.

Morgan Feldpausch, Resource Recovery Coordinator, was present to provide the monthly update on behalf of the Designated Implementing Agency. An update on the Solid Waste Alternatives Grant program was provided.

It was also reported that the contractual invoicing with the current battery recycling vendor was resolved and the County was issued a credit.

Commissioner Mulder moved to recommend approval of a resolution to approve the contract with Battery Solutions, as the County's battery recycling vendor, to the Board of Commissioners. Commissioner Augustine seconded. Motion carried by unanimous roll call vote.

Commissioner Augustine moved to recommend approval of a resolution to approve a scrap fire grant application to the Board of Commissioners. Commissioner Brehler seconded. Motion carried by unanimous roll call vote.

Commissioner Brehler provided a brief update on the activity of the Sustainability Steering Committee. Discussion held.

Claudine Williams, Community Development Director, was present to provide the Department's monthly report. There was discussion regarding the Zoning Ordinance and regulations related to marihuana businesses.

John Fuentes provided an update on the closed County Landfill site. The state DEGLE (Department of Environment, Great Lakes & Energy) requested PFA's testing was conducted on March 1, 2021. Sampling results will be submitted to the state and provided to the Committee when received. Discussion held.

Chairperson Lautzenheiser adjourned the meeting at 10:47 a.m.

The next regularly scheduled meeting of the Public Works and Planning Committee will be held on Wednesday, April 14, 2021 at 9:00 a.m.

Brian Lautzenheiser, Chairperson

Eaton County MSU Extension Report, April, 2021

During the Covid-19 crisis, Michigan State University Extension has continued to help people improve their lives by bringing the vast knowledge and resources of MSU directly to individuals, families and communities. Though it looked different in 2020, MSU Extension has still helped grow Michigan's economy by equipping Michigan residents with the information they need to do their jobs better, raise healthy and safe families, build their communities and empower their children to dream of successful futures.

In 2020, Michiganders heeded the calls to slow the spread of the novel coronavirus. People across the state stocked up and stayed home and entered a period of uncertainty. New questions were on everyone's minds: Would the pandemic last long? Would the supply chains hold up? Was it safe to grocery shop? How would we continue to educate our children? MSU Extension already had a vast amount of information on its website and programming experts who have a vast amount of knowledge and experience. Early on, some of the most viewed articles from one of our District 8 food safety educators, [Joyce McGarry](#), were [Safe food handling when shopping in stores or using grocery delivery](#) (March 30, 2020); [How to handle takeout and drive-thru foods safely](#) (April 2, 2020) and [Does washing foods make them safer?](#) (April 20, 2020). As more and more information and education opportunities were developed, MSU Extension created a web page just for [Remote Learning & Resources for Those at Home During COVID-19 Pandemic](#). **The number of MSU Extension website users soared to over 1.7 million, who made over 3 million visits to the website and viewed over 7 million web pages. From Eaton county alone, over 24,800 users made over 44,350 visits and viewed over 115,660 pages!** Not everyone in Eaton county limited themselves to finding information on our website. **We still had 1,045 residents take advantage of 345 different MSU Extension educational programs through remote and in-person classes and meetings. The staff working out of Eaton County hosted 31 programs through Eaton County and participated in many statewide opportunities as well.** As farmers, business owners, families and communities adapted to restrictions and a different way of life, so did our educators and instructors. Working remote, using travel waivers, or in the office we continued to serve the public.

Supporting our local community

Sara Corr has been in our office when able and when working remote has coordinated pickup and delivery of soil sample kits, 4-H kits, farm record books and other items. In addition, Sara has made sure that Eaton County residents have been connected to the proper resources and experts within MSU Extension.

- Farmers were notified of current requirements for Pesticide Certification. Our MSU Extension field crops team developed online review modules.
- 79 soil tests were conducted by the MSU Soil & Plant Nutrient Lab (25 were for Commercial and Farm samples).

- Sara continued to take calls from farmers with various crop issues and referred them to the appropriate educator.
- In addition, Sara regularly connected the public to educators for many issues and supported the educators who were working in remote settings.

Ali Rogers delivered programming to more than 700 participants within the surrounding region in the critical areas of health and nutrition. Ali is a community nutrition instructor serving several counties. Ali offered 10 local programs last year. Ali is fast being recognized by her statewide team and has creating meaningful community partnerships. Ali partnered and/or programed with:

- Alive
- Heroes Haven
- Sunfield Community Center
- Eaton Rapids Great Start Readiness
- Michigan Works Eaton County

Kristy Oosterhouse is our 4-H Program Coordinator. With the pivot to online programming, our youth have not been able to meet for in-person programming. This has been a challenging year for all Michigan 4-H youth. MSU Extension waived all participation fees in 2020 to reduce the barriers to participation and worked hard to develop an online option to fair participation both at the state and local levels. Kristy also facilitated online programming and worked with colleagues to find online solutions to serve youth affected by the pandemic in addition to maintaining the 4-H clubs and committees.

- There are 39 active 4-H clubs and over 182 4-H adult volunteers working with 709 youth over that past programing year.
- 255 youth or adults participated in programming outside the typical 4-H model where Kristy was the lead or collaborator.
- Screened current volunteers through interviews and references collected to ensure the highest level of safety in Montcalm 4-H programs.
- Kristy facilitated or assisted in:
 - Volunteer Central training
 - Fair, Effective, Efficient and Engaging Meetings
 - LEGO EV3 Mindstorms Robotics
 - Virtual Fireside Chat for Volunteers
 - Livestock Feed Clinic
 - Spring Leader Meeting
 - Fall Leader Meeting
 - Junk Drawer Robotics
 - Virtual Junk Drawer Robotics
 - Capturing our New Normal: Michigan Teen Photo Challenge
 - Eaton County Goosechase
 - Exploring Topics Through a Youth Lens Photo Voice Project
 - 4-H Activity Kits

- Coordinated the presentation of Turning your 4-H project into a career

Roger Betz, AABI educator, focuses on farm financial health. Roger regularly conducts farm stakeholder educational sessions and meets individually with local farmers to help develop business tax management strategy and assist in using the Tel-Farm system. In addition, Roger assists farmers in understanding the business succession and estate planning critical to pass on or dissolve a farm depending on the individual's needs. Roger interacted with over 470 individuals throughout the state conducting:

- Farm Bill seminars
- Tax management sessions
- Succession planning
- Farm stress sessions
- Farm family meetings

Kevin Gould, beef educator, serves Eaton County within his large coverage area. Keven had over 1,100 direct and programming contacts in the large region that he covers. He also continued many face-to-face activities by seeking travel waivers to make the necessary visits and conduct essential agricultural services.

- Kevin answers grazing questions and helps develop grazing plans on a regular basis.
- Kevin helps facilitate Breeding Soundness Exam Clinics and tested 43 bulls in mid-Michigan. Kevin also serves on the Bull Evaluation Program committee to help evaluate beef breeding bulls for the annual program supplying bulls to cow-calf producers throughout the state.
- Kevin performed ultrasounds on 350 head of cattle in 2020 (all breeding cattle; no youth animals were scanned due to Covid-19 restrictions). This is a service to the beef industry that adds educational value and marketing opportunities for scanned cattle.
- Kevin has also participated in the local response to agricultural accident planning and training, as well as, helped teach The Beginning Grazing School and other animal science subjects at the community college and university level.
- Kevin has also lent his expertise to local farm succession issues and the emergency response to the delayed planting crisis.

Heather Dyer works in our Health and Nutrition Institute and produces videos and all things social media to help educated the general public about everything food and nutrition. Heather often teams up with colleagues from other disciplines like our agricultural educators to produce educational videos that connect the farm and nutrition.

Lori Eccles is a Health and Nutrition supervising educator. Lori coaches and supervises a team of community nutrition instructors, including Ali Rogers. Lori is an asset to the county in the role she plays and in keeping up with local needs.



Extra masks that 4-Her Kaylee Rickerd from the Gresham Grain Grinders 4-H Club had made and were more than willing to donate them. Dr. Doug Buhler (left) and Dr. Dwyer (right) wore the youth-made masks to their testimony in front of the Michigan House Appropriations Subcommittee for Higher Ed and Community Colleges on 6/23. Pictured without a mask is State Rep. Scott VanSingel who chairs the Higher Education & Community Colleges Appropriations subcommittee.

This has been unprecedented year for all of us thus far. We are here to serve all the residents of Eaton County by meeting their needs as we have done for more than 100 years. Thank you for your support!

Through successful partnership and collaboration with Eaton County, MSU Extension is able to continue its local presence and to provide vital educational resources and programming in such areas as community and economic development, agriculture, land use, health and nutrition, and youth development.

MISSION:

Michigan State University Extension helps people improve their lives through an educational process that applies knowledge to critical issues, needs and opportunities.

MSU is an affirmative-action, equal-opportunity employer, committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status. Issued in furtherance of MSU Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Jeffrey W. Dwyer, Director, MSU Extension, East Lansing, MI 48824. This information is for educational purposes only. Reference to commercial products or trade names does not imply endorsement by MSU Extension or bias against those not mentioned. The 4-H Name and Emblem have special protections from Congress, protected by code 18 USC 707.



Eaton County
Department of Construction Codes
 1045 Independence Boulevard, Charlotte, Michigan 48813
 Telephone: (517) 543-3004 Fax: (517) 543-9924

MONTHLY ACTIVITY REPORT

For: Mr. John Fuentes, County Controller
 From: Gene Bryan, Director

March 2020	April 2020	May 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	February 2021	March 2021
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1. Code Violations not related to inspections:

3	2	8	9	12	14	14	15	13	20	11	8	4
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2. Commercial projects submitted for Plan Review:

1	1	1	2	2	0	1	0	0	1	1	2	2
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3. Complaints about Contractors:

0	1	0	0	0	0	0	1	0	0	0	0	0
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4. Address requests not related to new housing starts:

0	1	0	0	1	0	0	3	0	0	0	0	0
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5. Court Cases:

0	0	0	0	0	0	0	0	0	0	0	0	0
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6. Magistrate Hearings:

0	0	0	0	0	0	0	0	0	0	0	0	0
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Alro Steel Truckers Bathroom Building
 Demolition for the Summit



Eaton County Department of Construction Codes

1045 Independence Boulevard, Charlotte, Michigan 48813
Telephone: (517) 543-3004 Fax: (517) 543-9924

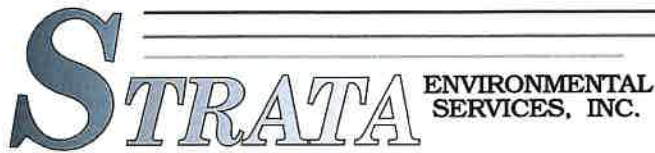
"OUR GOAL IS TO PROVIDE A SAFER PLACE TO LIVE, WORK AND PLAY"

<p>Gene Bryan Director Building Official Building Inspector Electrical Inspector Mechanical Inspector Plan Reviewer</p>	<p>Bob Simons Building Inspector Plan Reviewer</p>	<p>Vernon Camp Jr. Plumbing Inspector Plan Reviewer</p>
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SINGLE FAMILY HOUSING UNITS

Respective Calendar Years

YEAR	SINGLE WIDE (MH)	DOUBLE WIDE (MFG) (DW)	SITE BUILT (N)	YEARLY TOTAL
2006	0	2	123	125
2007	0	0	86	86
2008	0	1	39	40
2009	2	3	12	17
2010	7	19	22	48
2011	3	7	28	38
2012	7	14	35	56
2013	10	37	40	87
2014	7	48	40	95
2015	20	39	43	102
2016	8	27	57	92
2017	8	12	59	79
2018	3	6	66	75
2019	8	5	53	66
2020	2	2	62	66
2021 Last Month	0	0	7	7
2021 YTD	0	1	17	18



Via Email

March 16, 2021

Mr. John Fuentes
Eaton County Controllers Office
1045 Independence Blvd.
Charlotte, MI 48813

Re: **Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)
Groundwater Sampling, Eaton County Landfill**

Dear Mr. Fuentes:

At the request of Michigan Department of Environment, Great Lakes, and Energy, (EGLE), Strata Environmental Services, Inc. (Strata) completed the sampling of five monitor wells at the former Eaton County Landfill as outlined in Strata's October 21, 2020 proposal. The monitoring wells sampled are presented in blue on the monitor well location map included as Attachment 1.

The sampling procedures followed the EGLE PFAS Sampling Quick Reference Guide (SQRG) to assure the integrity of the samples collected. Strata personnel wore non-water-proof clothing and powderless nitrile disposable gloves, and personal hygiene followed the recommendations in the SQRG.

Monitor well sampling was completed on March 1, 2021. Prior to sampling each well, the static water level was measured and recorded on the field data sheets (Attachment 2). The water level meter was decontaminated between each use with Liquinox and PFAS-free water (supplied by the laboratory) and rinsed with PFAS-free water. The water samples were collected using low-flow techniques with a peristaltic pump and disposable high-density, polyethylene (HDPE) tubing. During pumping, the water level was measured at specific volumes (usually 1 liter volume) and field measurement of pH, dissolved oxygen (DO), temperature, oxygen reduction potential (ORP), and specific conductance were collected using a YSI Professional Plus meter. In addition, the turbidity of the water was monitored at the specific volumes with a Geotech turbidity meter. The readings were recorded on field data sheets. Samples were collected once the field measurements had generally stabilized to within five percent of previous measurements and turbidity readings were less than 10 nephelometric turbidity units (NTU). All samples were collected in laboratory prepared containers with trizma buffer. A field blank was collected at each sample location by pouring a bottle of PFAS-free water into the sample container. Strata also collected an equipment blank by pumping PFAS-free water through the HDPE tubing into the sample container. Following collection, the sample containers were placed in a cooler on ice. Samples were delivered to Fibertec Environmental Services in Holt, Michigan following chain-of-custody protocol.

Samples were analyzed for 28 PFAS compounds (recommended by EGLE) by USEPA Method 0357.1M. Analytical results and chain-of-custody record are included as Attachment 3. The following is a list of the PFAS compounds detected in the aforementioned samples:

Hexafluoropropylene oxide dimer acid (HFPO-DA)	Perfluorobutanoic acid (PFBA)	Perfluorobutanesulfonic acid (PFBS)
Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluoro-n-pentanoic acid (PFPeA)
Perfluorohexanesulfonic acid-total (PFHxS)	Perfluorooctanoic acid (PFOA)	Perfluoropentane sulfonic acid: (PFPeS)

State of Michigan signed into law maximum contaminant levels (MCLs) for seven PFAS compounds that went into effect on August 3, 2020. Table 1 presents the sample location, PFAS compound detected, concentration, and MCL if published.

TABLE 1
Summary of PFAS Compound Concentrations
Detected in Groundwater
(all concentrations ng/L)

Sample Location	HFPO-DA (GenX)	PFBA	PFBS	PFHpA	PFHxA	PFHxS (total)	PFOA	PFPeA	PFPeS
MW-3	ND	ND	1.2	ND	ND	ND	ND	ND	ND
MW-15s	5	31	4.3	6.8	14	3.5	25	12	3
MW-15d	ND (2.4)*	ND	ND	ND	ND	ND	ND	ND	ND
MW-17s	2.4	4	ND	ND	1.9	ND	ND	3	ND
MW-19s	2	16	7.4	1.4	10	ND	ND	8.3	ND
Equip. Blank	ND	1.2	ND	ND	ND	ND	ND	ND	ND
MCL	370	NA	420	NA	400,000	51	8	NA	NA


Bold print denotes concentration exceeds MCL **ND: Not detected above compound-specific reporting limit**
***: Denotes compound detected in field blank**

As can be seen in Table 1, of the nine PFAS compounds detected in the groundwater at the former Eaton County Landfill site, only the concentration of PFOA (25 ng/L) in MW-15s exceeds its 8 ng/L MCL.

Should there be any questions regarding the work done or results, please do not hesitate to contact our office at (517) 676-6900.

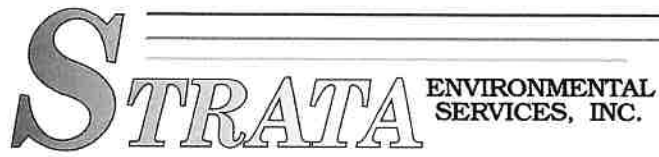
Sincerely,

STRATA ENVIRONMENTAL SERVICES, INC.


Michael C. Serafini, CPG
Principal

Enclosures

R.B. 
9261422L.075



Via Email

March 18, 2021

Mr. John Fuentes
Eaton County Controllers Office
1045 Independence Blvd.
Charlotte, MI 48813

Re: **Semi-Annual Groundwater Monitoring – March 2021**
Eaton County Landfill

Dear Mr. Fuentes:

This letter has been prepared in association with the first semi-annual groundwater and surface-water sampling event of 2021 at the referenced site. Sampling was conducted on March 8 through 11, 2021. During this sampling event, static water levels were measured in 16 monitoring wells, groundwater samples were collected from 15 monitoring wells (MW-2s, MW-2d, MW-3, MW-7r, MW-8s, MW-8dr, MW-10s, MW-10d, MW-12r, MW-15s, MW-15d, MW-17s, MW-17d, MW-18s, and MW-19s), and two surface-water samples (SW-1 and SW-2) were obtained. A groundwater sample was not collected from MW-16, because the well has deteriorated and does not recharge sufficiently during the sampling event to allow for the collection of a representative sample. Attachment 1 contains a summary of the measured static water levels, Attachment 2 contains copies of the laboratory analytical reports for the 15 groundwater and 2 surface-water samples, Attachment 3 contains a summary table of the analytical results, and Attachment 4 includes "Groundwater Monitoring Field Data Sheets", all associated with this sampling event.

Groundwater surface elevation data (Attachment 1) for the shallow and deep wells were plotted on a site map and contoured using the computer code SURFER®. The resultant groundwater surface elevation contour maps are presented as Figure 1 (shallow wells) and Figure 2 (deep wells). Examination of the elevation data/contours on these figures indicates groundwater migrates toward the northwest, which is consistent with historic data.

Review of the analytical data from the monitor well samples indicates that results are similar to previous sampling events. Volatile organic compounds (VOCs) were not detected at or above their compound-specific reporting limits in any of the groundwater samples except MW-15s. The groundwater sample from MW-15s contained benzene (2.7 µg/l), 1,1-dichloroethane (5.4 µg/l), cis-1,2-dichloroethene (110 µg/l), trans-1,2-dichloroethene (5.2 µg/l), diethyl ether (25 µg/l), trichloroethene (21 µg/l) and vinyl chloride (6.2 µg/l). Of these reported VOC concentrations, the cis-1,2-dichloroethene, diethyl ether, trichloroethene, and vinyl chloride concentrations exceed their respective Drinking Water (DW) Generic Residential Cleanup Criteria (GRCC) of 70, 10, 5, and 2 µg/l.

Inorganic and metal analytical results for both groundwater and surface-water samples indicate that the reported concentrations of all parameters, except iron, manganese, zinc, and total dissolved solids (TDS) are either below their respective reporting limits and/or GRCC, if published. Iron was detected in all of the water samples (except the samples from MW-2s, MW-8s, and MW-8dr) at concentrations that range from 110 µg/l (MW-15s) to 14,000 µg/l (SW-1). The reported iron concentrations exceed its DW GRCC (300 µg/l) in all of the well samples in which it was detected except MW-2d, MW-3, MW-7r, and MW-15s. It should be noted that the 300 µg/l DW GRCC for iron is an aesthetic criterion. The health-based DW GRCC for iron is 2,000 µg/l. Manganese was detected in the water samples obtained from MW-2s, MW-3, MW-8dr, MW-12r, MW-15s, MW-17s, MW-19s, SW-1, and SW-2 at concentrations that range from 50 µg/l (MW-17s) to 740 µg/l (MW-15s). The reported manganese concentrations detected in groundwater samples collected from MW-2s, MW-3, MW-8dr, MS-12r, MW-15s, and MW-19s exceed its aesthetic DW GRCC of 50 µg/l. The health-

Mr. Fuentes
March 18, 2021
Page 2

based DW GRCC for manganese is 860 µg/l. Zinc was detected in each of the water samples except MW-7r, MW-8dr, MW-12r, SW-1 and SW-2. Zinc concentrations in the samples range from 61 µg/l (MW-10d) to 6,400 µg/l (MW-17d). The reported zinc concentrations in MW-2s (2,800 µg/l), MW-15s (6,000 µg/l), MW-15d (2,900 µg/l) and MW-17d (6,400 µg/l) exceed zinc's DW GRCC of 2,400 µg/l. All groundwater and surface water samples contained TDS (total dissolved solids) at concentrations that range from 330,000 µg/l (MW-7r) to 740,000 µg/l (MW-15s). The TDS concentrations in MW-10s, MW-12r, MW-15s, MW-17d, and MW-19s exceed their DW and Groundwater/Surface Water Interface (GSI) GRCC of 500,000 µg/l. Surface water quality results have not been compared to the Rule 57 criteria.

The next semi-annual sampling event is scheduled for September 2021. Please note that MW-12r is hydrogeologically anomalous with respect to the other wells at the site and, in our opinion, does not provide any useful data with respect to semi-annual monitoring at this site. Strata will, therefore, eliminate MW-12r from future monitoring beginning September 2021.

Should you have any questions or comments, please do not hesitate to contact our office at (517) 676-6900.

Sincerely,

STRATA ENVIRONMENTAL SERVICES, INC.



Michael C. Serafini, CPG
Principal

Encls.

Cc: Mr. Evin Maguire (EGLE)

R.B. 
9261422L.078