

<p style="text-align: center;"> YANKEE SPRINGS TOWNSHIP BOARD OF TRUSTEES <u>VIRTUAL Regular Board Meeting</u> <u>Thursday, August 13, 2020</u> 7:00 p.m. Yankee Springs Township Hall 284 N. Briggs Rd., Middleville, Michigan 49333 MINUTES </p>	<p> FINAL MINUTES Page 1 of 3 YS BOT – Regular Mtg. Virtual Mtg. Covid-19 August 13, 2020 </p>
<p> Meeting called to order at 7:01 p.m. by Supervisor Mark Englerth. <u>PLEDGE OF ALLEGIANCE</u> Zoom Meeting Set up and Moderated by Seth Koches of Bauckham, Sparks Roll Call: All Present: Jansma, Knowles, Englerth, VandenBerg, Lippert. Other Visitor in the hall is: Mr. McBride (Pine Meadows, Lot #9) Staff Present: Brad Williams physically in hall, Frank Fiala via Zoom, Sandy Marcukaitis via Zoom, Dave VanHouten via Zoom. Visitors: 9 on Zoom (not including staff present). When T. Woollaat left, another visitor, Mrs. McBride, came into the hall. </p>	<p> CALL TO ORDER PLEDGE ROLL CALL </p>
<p> <u>ADDITIONS/CHANGES TO AGENDA:</u> Add to Clerk’s Report: Election results. <u>Move Fleis & VandenBrink report to Acknowledgement of Visitors.</u> </p>	<p> <u>ADDITIONS/CHANGES TO AGENDA</u> </p>
<p> <u>ACKNOWLEDGEMENT OF VISITORS:</u> Trevor Woollatt of Fleis & VandenBrink, Environmental Engineer, summarized well testing report. (See Attachment). Lengthy discussion took place. Jim Dull, Barry County Drain Commissioner, commented on Lynn Drive drainage issue and brought the issue and Resolution for Petition for Maintenance and Improvement of Drain to YS Township for Payne Lake Drain. Discussion occurred regarding improvement vs. repair. Lengthy discussion including items such as -EGLE (Dept. of Environment, Great Lakes and Energy), Jim Davis of MDOT, and box culvert installment- occurred. <i>Motion by A. Jansma with support from S. VandenBerg to table until next month for more information. Pictures and video requested from J. Dull for board members to review. Roll Call Vote: Englerth: Yes, Lippert: Yes, Jansma: Yes, Knowles: yes, VandenBerg: Yes. All Yes (5).</i> MOTION CARRIED. <i>*Jim Dull will forward the video for board members to see.</i> </p>	<p> <u>ACKNOWLEDGEMENT OF VISITORS</u> <u>PUBLIC COMMENT</u> </p>
<p> <u>APPROVAL OF CONSENT AGENDA:</u> July 15, 2020 Board Minutes; Accounts Payable July Checks #915840 through #915886 = \$77,912.26 July Payroll Register: Checks #6760 through #6779 = Total Net Amount: \$12,379.64 </p>	<p> CONSENT AGENDA </p>

Motion by Knowles with support from Lippert to approve Consent Agenda as presented.
Roll Call Vote: Jansma: Yes, VandenBerg: Yes, Englerth: Yes, Lippert: Yes, Knowles: Yes.
Yes: 5, No: 0. MOTION CARRIED.

Going to **BOARD ACTION** item: Reduction of Fee Water Hook Up Pine Meadows Lot #9:

Motion by Jansma with support from Knowles to accept water hook up fee reduction of \$500 for Pine Meadows, Lot #9, and looking further into other lots regarding this matter as well.
ROLL CALL VOTE: Englerth: Yes, Lippert: Yes, Knowles: Yes, Jansma: Yes, VandenBerg: Yes.
Yes: 5, No: 0. MOTION CARRIED.

RECESS : 8:17 p.m. RESUME at 8:23 p.m. All Present at 8:23 p.m.

PUBLIC COMMENT: -Limit 3 minutes: NONE

TREASURER'S REPORT: By Alice Jansma, Treasurer.

- July 2020: Financial Statement & Investment Report
- GLASWA – July 2020 Report

Motion by Englerth with support from Knowles to accept Treasurer's Report as presented.
ROLL CALL VOTE: Englerth: Yes, Jansma: Yes, VandenBerg: Yes, Lippert: Yes, Knowles: Yes.
Yes: 5, No: 0. MOTION CARRIED.

BOARD ACTION ITEMS:

- Cemetery Contract Renewal (same contract as last fiscal year).

Motion by Lippert with support from Englerth to approve Cemetery contract for July 2020 thru June 2021 with Gordon Rousch. ROLL CALL: Englerth: Yes, Lippert: Yes, Jansma: Yes, VandenBerg: Yes, Knowles: Yes.
Yes: 5, No: 0. MOTION CARRIED.

- Larry Knowles – High Water System Bill (GLASWA)

Knowles presented situation. Discussion occurred. Problem is now fixed according to data (smart meters used) per L. Knowles.

Motion by Lippert with support from VandenBerg to have person responsible on Valley Drive for water bill present himself and written information on repair of pipe under house, at the regular September Board meeting with explanation. ROLL CALL: Englerth: Yes, VandenBerg: Yes, Knowles: Yes, Lippert: Yes, Jansma: Yes.
Yes: 5, No: 0. MOTION CARRIED.

- Alice Jansma – Pine Meadows Lot #9 Water Hook Up Fee Reduction (See minutes prior to Recess).

SUPERVISOR REPORT: By M. Englerth (already covered in Acknowledgem't of Visitors.)

- Fleis & VandenBrink water Testing Report (Covered in Acknowledgement of Visitors).
- Barry County Drain Commissioner - Petition to Repair Lynn Drive & M-179. (Also covered in Acknowledgment of Visitors).

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**APPROVAL OF
CONSENT AGENDA**

**BOARD ACTION
ITEM (3rd Item)**

**Motion on Hook up
reduction fee.**

RECESS

**PUBLIC
COMMENT: None**

**TREASURER'S
REPORT: By Alice
Jansma, Treasurer.**

**BOARD ACTION
ITEMS**

**Motion on Cemetery
Contract Renewal**

**High Water System
Bill – Motion on
Information**

**SUPERVISOR
REPORT: By M.
Englerth**

*M. Englerth commented that an ad has been in the paper for two weeks, but no bids have been received yet on Cemetery Road work.

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CLERK'S REPORT

- PCI July Report
- YS Fire Department July Report
- Complaint Log
- Grant approved for \$5000 -D. Miller (fire station) will complete paperwork needed.
- Bauckham Sparks Invoice included in Board Packets.
- Current Invoice Register Approval:

Motion by Jansma with support from Knowles to approve Current Invoice Register (Accounts Payable) of \$33,243.58. ROLL CALL VOTE: Englerth: Yes, VandenBerg: Yes, Knowles: yes, Jansma: Yes, Lippert: Yes. Yes: 5, No: 0. MOTION CARRIED.

MOTION to Approve Current Invoice Register

Also: Election Day Summary results attached and will be posted for residents. (Prepared by Marge Vandermeijden).

OLD BUSINESS: None

OLD BUSINESS: None

PUBLIC COMMENT: Limit 3 minutes NONE

PUBLIC COMMENT

BOARD COMMENT:

BOARD COMMENT

J. Lippert thanked Alice Jansma & Marge VanderMeyden for their Election work.

A. Jansma asked to have Board meeting switched to Wednesday the 16th of Sept. The Board agreed with rescheduling from Thursday, September 10th, to this date (Wednesday, Sept. 16th).

A. Jansma noted: Audit will be Oct 1st & 2nd, a Thursday and Friday.

L. Knowles inquired on possibly hiring a company that does virtual meetings and will bring equipment with them. It was noted that the Public can't hear the meeting well and isn't really able to participate in our current ZOOM meetings. L. Knowles will look into it and find pricing.

Full audio recording of this meeting has been downloaded to the township office computer system on 8/13/2020 immediately following meeting.

ADJOURNMENT:

ADJOURNMENT

Motion by Englerth with support from Lippert to adjourn at 8:50 p.m. Approved by all. Motion Carried.

Respectfully submitted:
Deb Mousseau
Recording Secretary 8/13/2020

Date: Sept. 16, 2020 by Board of Trustees

Approved : _____
Janice C. Lippert, Township Clerk

*****ATTACHMENTS FOLLOW*****



Attach to minutes

TOWNSHIP BOARD
MEETING 8.13.2020
ITEM # 10

ENVIRONMENTAL ENGINEER:
MR. TREVOR WOOLLATT

March 11, 2020

Yankee Springs Township
Mark Englerth
284 Briggs Road North
Middleville, MI 49333

RE: Private Well Groundwater Sampling Results, Yankee Springs Township, MI

Dear Mr. Englerth:

This letter provides the results of private well sampling conducted on October 11, 2019. F&V reviewed information regarding the Misak Landfill. Historically the landfill was determined by the Department of Environmental Quality, now the Department of Environment, Great Lakes, and Energy (EGLE), to be the source of volatile organic compound (VOC) groundwater contamination in the area. The State funded the installation of a municipal water supply and the majority of supply wells in the area were abandoned. Groundwater sampling in relationship to the historic landfill has not been conducted since the water supply was installed.

F&V met with Mr. Englerth and toured the area. Based on our meeting and subsequent conversations, it was determined that the Township concerns were the potential impact of groundwater contamination on Gun Lake. Mr. Englerth indicated that some shallow supply wells had not been abandoned and may be accessible for sampling. These wells are used for irrigation and not drinking water.

Four potential wells were identified from the reconnaissance. Three of those wells were found to be accessible for sampling. The wells are located at Robins Cemetery, 1707 Patterson, and 1769 Edwin. Based on the location of these relative to Gun Lake and the concern that groundwater venting to surface water could impact the water quality in the lake, it was decided to sample groundwater from the wells and analyze the groundwater for VOCs and perfluoroalkyl and polyfluoroalkyl substances (PFAS). Tables 1 and 2 depict the PFAS and VOC sample results in comparison to applicable groundwater criteria, respectively.

VOCs were detected in groundwater sampled from the cemetery well and the 1769 Edwin well. The concentrations detected are below both the drinking water criteria and the surface water interface criteria. VOCs were not detected in groundwater sampled from the 1707 Patterson well.

A total of 4 PFAS compounds were detected in the cemetery well sample and 6 were detected in the 1769 Edwin well sample. The sample collected from 1769 Edwin contained PFAS that exceeds the draft drinking water criteria. The PFAS detected do not exceed the groundwater surface water criteria.

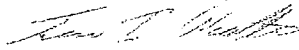
F&V recommends determining the status of the monitor wells previously installed by the State as part of their investigation of the Misak Landfill. This determination should include evaluating the condition of the wells to allow for future sampling and gauging groundwater elevations to evaluate groundwater flow directions. The monitor wells may need to be surveyed if elevation data are not available. If the wells are serviceable, sampling should be conducted for VOCs and PFAS to assess current concentrations at the presumed source. Currently there are only drinking water criteria available for 8 of the PFAS compounds and surface water

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criteria for 2 of the PFAS compounds however there will likely be additional criteria developed as additional work is conducted by EGLE and EPA.

If you have any further questions or require additional information, please contact me at (248) 885-4720 or (616) 977-1000 or via email at twoollatt@fveng.com.

Sincerely,



Trevor I. Woollatt
Senior Project Manager

Attachments

Table 1: Vendor Samples Towards Analytical Summary

EPA/SMIL EQL/E List/62	Acidium CAS#	Sampling location Concentration	EQL Residential and Non-Residential Drinking Water Criteria	EQL CGL Criteria	Proposed EQL Drinking Water Criteria	Results	12/17	7/88 Edwh
						10/11/18	10/11/19	10/11/18
PERFLUOROALKYL CARBOXYLIC ACIDS								
Perfluorooctanoic acid	PFPA	315-22-4	-	-	-	77	ND	ND
Perfluorodecanoic acid	PFPA	2708-90-3	-	-	-	ND	ND	6.44
Perfluorododecanoic acid	PFPA	307-24-4	-	-	400,000	5.46	ND	6.66
Perfluorotetradecanoic acid	PFPA	315-85-9	-	-	-	ND	ND	7.13
Perfluorohexadecanoic acid	PFPA	315-85-1	70	12,000	5	5.70	ND	21.0
Perfluorooctadecanoic acid	PFPA	315-85-2	-	-	5	ND	ND	ND
Perfluoroundecanoic acid	PFUDA or PFPA	2059-94-8	-	-	-	ND	ND	ND
Perfluorododecanoic acid	PFDDA or PFPA	307-55-1	-	-	-	ND	ND	ND
Perfluorotridecanoic acid	PFDDA	7263-54-8	-	-	-	ND	ND	ND
Perfluorotetradecanoic acid	PFDDA	316-95-7	-	-	-	ND	ND	ND
PERFLUOROALKYL SULFONATES								
Perfluorobutanesulfonic acid	PFBS	375-73-5	-	-	420	6.91	ND	ND
Perfluorohexanesulfonic acid	PFHS	2708-91-4	-	-	-	ND	ND	ND
Perfluorooctanesulfonic acid	PFOS	315-83-4	-	-	51	ND	ND	5.78
Perfluorodecane sulfonic acid	PFDS	1703-33-1	70	12	16	ND	ND	ND
Perfluorododecane sulfonic acid	PFDS	6028-12-1	-	-	-	ND	ND	ND
Perfluorotetradecane sulfonic acid	PFDS	335-77-9	-	-	-	ND	ND	ND
PFOSA PERFLUOROOCTANESULFONAMIDES								
PFOSA	PFOSA or PFOSA	1761-91-5	-	-	-	ND	ND	ND
PFOS/A PERFLUORODECANESULFONAMIDES								
PFOS/A	PFOS/A	3355-31-9	-	-	-	ND	ND	ND
PFOS/A	PFOS/A	2831-25-8	-	-	-	ND	ND	ND
FLUOROTELOMER SULFONATES								
4:2 Fluorotelomer sulfonate	4:2 FTS	157126-72-4	-	-	-	ND	ND	ND
6:2 Fluorotelomer sulfonate	6:2 FTS	27619-97-2	-	-	-	ND	ND	ND
8:2 Fluorotelomer sulfonate	8:2 FTS	39103-34-4	-	-	-	ND	ND	ND
TOTALS								
PFDA + PFOS	PFDA + PFOS	NA	70	-	-	5.70	0	21.0
TOTAL PFOS	PFOS	NA	-	-	-	14.57	0.00	69.24

ND indicates no reported level and/or detection.
 * The Science Advisory Working Group recommends MRLs* and user should operators will avoid routinely consuming from other long-chain PFAS when based at levels above 6 ppt.
 † Values in parentheses are MRLs.

Table 2: Generator Analytical Results Summary
 24070 Yvelde Springs Township
 Order 2016

Hazardous Substance	Sample Location				n	r	s	M	S	R	S
	Collector/Del	Room/Container	TPP/Pollution	TPP/Chain							
Chloroform	3754	45	ND	140	730	2100	1100	1.0E+01	1.0E+01	1.0E+09	1.0E+07
Chloroform (T)	3750	24	ND	ND	900	2300	D	2.0E+05	5.0E+05	1.0E+06	13.00
Chloroform (I)	3473	ND	ND	0.33	260	1.100	D	8.80	45.00	6.5E+06	30.00
Chloroform (S)	3037	ND	ND	4.7	10.0E	10.0E	D	6.5E+18	6.5E+18	6.0E+07	6.0E+05
2,4-Dichloro (MCA) (I)	3933	170	ND	220	13.000	30.000	2.200	2.4E+18	2.4E+18	2.0E+09	3.0E+05
2,4-Dichloro (MCA) (S)	3933	50	ND	ND	1300	3300	D	2.0E+18	2.0E+18	2.0E+09	D

TPP (TPP) Residual Generators Cleanup Order and Screening Levels: Part 2: Tier 1 Risk-Based Screening Levels (RSLs) (MDEQ, Ver 25, 2016)
 Values in italics are for Tier 1 (I).
 Bolded values exceed one or more of the criteria.

Election Day Summary
Local Primary

attach to minutes

	Aug. 2, 2016	Aug. 4, 2020
Precinct 1		
Registered Voters:	1986	2441
AV Ballots sent	264	595
AV Ballots Tabulated	243	498
In-person ballots tabulated	385	427
Total ballots cast	628	925
% Voter Participation	32%	38%

Precinct 2		
Registered Voters:	1473	1697
AV Ballots sent	255	501
AV Ballots Tabulated	226	437
In-person ballots tabulated	243	349
Total ballots cast	469	786
% Voter Participation	32%	46%