February 17, 2022
To: Mayor and City Council Members
From: Craig Bessinger, City Manager
Re: Calendar of Meetings and Events

Feb 17 Thursday 6:00 PM Recreation Commission, City Hall
Feb 21 Monday 7:00 PM City Council, City Hall
Feb 24 Thursday 5:30 PM NORA, CH ESC Bldg.
Mar 3 Thursday 1:30 PM MPO
Mar 3 Thursday 7:00 PM Planning Commission, City Hall
Mar 7 Monday 7:00 PM City Council, City Hall
Mar 8 Tuesday 6:00 PM BOR Organizational Meeting
Mar 10 Thursday 7:00 PM Zoning Board of Appeals, City Hall
Mar 14 Monday 1:30-9:30 PM Board of Review, City Hall
Mar 15 Tuesday 1:30-8:00 PM Board of Review, City Hall
Mar 14 Monday 6:30 PM Beautification Commission, CH
Mar 15 Tuesday 6:30 PM Kitchel-Lindquist-Hartger Board-CH
Mar 16 Wednesday 6:00 PM EDTF
Mar 17 Thursday 6:00 PM Recreation Commission, City Hall
Mar 21 Monday 7:00 PM City Council, City Hall
Mar 23 Wednesday 4:30 PM Harbor Transit, SL
April 4 Monday 7:00 PM City Council, City Hall
April 7 Thursday 1:30 PM MPO
April 7 Thursday 7:00 PM Planning Commission, City Hall
April 11 Monday 6:30 PM Beautification Commission, CH
April 14 Thursday 7:00 PM Zoning Board of Appeals, City Hall
April 15 Friday Noon Good Friday, Close at noon.
April 18 Monday 7:00 PM City Council, City Hall
Dear Kitchel Lindquist Hartger Dunes Preserve Board Members,

I want to thank you all for this opportunity as a member of our Kitchel Dunes’ board. Unfortunately, I have to resign from my position on this board. Due to our inability to convert back to online meetings, it is not feasible for my current schedule to continue with the board at this time as I have moved across the state.

Thank you all so much for all that you have taught me, and for all that this board has to offer. It has been amazing getting to know each one of you, and being able to participate in this board has been a truly insightful and eye-opening experience.

I hope you all stay safe, and have a great year.

My logo is currently still available for purchase if the board is still interested.

Emma LaVercombe
"For Cleaner Lakes and Rivers"

GRAND HAVEN-SPRING LAKE
SEWER AUTHORITY

WASTEWATER TREATMENT PLANT
1525 WASHINGTON AVENUE
GRAND HAVEN, MICHIGAN 49417
PHONE: (616) 847-3486

The regular meeting of the Grand Haven-Spring Lake Sewer Authority will be held at 8:30 A.M. on Wednesday, February 16, 2022 in the Council Chambers in Grand Haven City Hall located at: 519 Washington St. Grand Haven, Michigan 49417

AGENDA FOR REGULAR MEETING

Wednesday February 16, 2022
8:30 A.M.

1. Meeting called to order

2. Roll Call:
   Christine Burns
   Patrick McGinnis
   Craig Bessinger
   Steve Namenyte
   Gordon Gallagher
   Patrick Staskiewicz
   Bill Cargo
   Joel Tepastte
   Roger Van Opynen

3. Approval of the minutes of the November 17, 2021 Sewer Authority Board meeting

4. Public Comment

5. Financial Report

6. Superintendent’s Report

7. Biosolids Feasibility Report
   Report was conducted by Prein&Newhof
8. Pump Award

9. Grand Haven Pump Station
   Adams St. pump station force main

10. General Business.

   A. Budget Presentation for FY 2022-2023

   B. Sewer Authority Board Organization
      The Sewer Authority Board has historically appointed officers at the first regularly
      scheduled meeting of the year.
      Current officers are:
      Chair – Christine Burns
      Vice-Chair – Patrick McGinnis
      Treasurer – Craig Bessinger

11. Board Member Comments.

12. Announcement of next Sewer Authority Meeting: May 18, 2022


**Sewer Authority Members:**

<table>
<thead>
<tr>
<th>Christine Burns, Chairperson</th>
<th>Alternate Members:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patrick McGinnis, Vice-Chair</td>
<td>Derek Gajdos</td>
</tr>
<tr>
<td>Craig Bessinger, Treasurer</td>
<td>Matt Schindlbeck</td>
</tr>
<tr>
<td>Steve Namenye</td>
<td></td>
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<tr>
<td>Gordon Gallagher</td>
<td>John Nash</td>
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<tr>
<td>Patrick Staskiewicz</td>
<td>Joe Wallace</td>
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<tr>
<td>Bill Cargo</td>
<td>Alando Chappell</td>
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<tr>
<td>Joel Tepastte</td>
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<tr>
<td>Roger Van Opynen</td>
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</tbody>
</table>

**Consultants:**

<table>
<thead>
<tr>
<th>Matt VanHoef</th>
<th>Others:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Grand Haven Tribune</td>
</tr>
<tr>
<td></td>
<td>Catherine McNally</td>
</tr>
<tr>
<td></td>
<td>Kelly Beattie</td>
</tr>
</tbody>
</table>

GENERAL MEMBERS: IF YOU CANNOT ATTEND THE MEETING, PLEASE NOTIFY YOUR ALTERNATE SO THAT HE/SHE MAY
The regular meeting of the Grand Haven-Spring Lake Sewer Authority was held at 8:30 A.M. on Wednesday, November 17, 2021 in the Council Chambers in Grand Haven City Hall located at 519 Washington Street, Grand Haven Michigan.

**MINUTES FOR REGULAR MEETING**

**Wednesday November 17, 2021**

8:30 A.M.

1. The meeting was called to order at 8:30 AM by Chairperson Christine Burns

2. **Roll Call:**
   - Chairperson Christine Burns
   - Vice-Chair Patrick McGinnis
   - Treasurer Craig Bessinger
   - Patrick Staskiewicz
   - Roger Van Opynen
   - Bill Cargo
   - John Nash
   - Village of Spring Lake
   - City of Grand Haven
   - City of Ferrysburg
   - Ottawa County Road Commission
   - City of Grand Haven
   - Grand Haven Township
   - Spring Lake Township

   **Absent:**
   - Joel Tepastte
   - Gordon Gallagher
   - Steve Namenyte
   - Village of Spring Lake
   - Spring Lake Township
   - Member at Large

   **Also Present:**
   - Ryan Vredevedeld
   - Alando Chappell
   - Peter Haefner
   - Amy Bessinger
   - Emily Greene
   - WWTP Superintendent
   - Grand Haven Township
   - Vredevedeld-Haefner, CPA
   - City of Grand Haven - Finance Director
   - City of Grand Haven - Finance Supervisor

3. Motion by Cargo, seconded by Van Opynen to approve the meeting minutes of August 18, 2021 as presented. Motion carries.

4. No public comment

5. **Superintendent’s Report:**
Superintendent Vredevelt reports on the current financials of the facility. The revenue and expenditure was reported for period ending 10/31/202 to present how the facility is trending with budget.
Payment from Crockery Township has been received for their “buy-in” to gain access to the WWTP and their services.
Reminder that current improvement projects will be expensed out of our plant modification cash fund after we exhaust the remaining contingency money from 2018 bonds.

6. Superintendent’s Report
Recent flows have shown in uptick into the facility compared to the beginning months of 2021, overall the plant performance continues to be good with no violations.
Solids concentration for biosolids going to storage have been able to maintain at an elevated level of 5.88% over the last two months. This is an overall improvement from the previous 10 months where we were able to only maintain a 3.94% solids concentration.
Sludge Storage Roof Restoration Project – Base coat for the deck coating system is down, but due to winter weather moving in and the threat it poses to a correctly installed product, the contractor will wait until spring 2022 to complete. Current base coat provides adequate protection for the weather we will experience over the winter.
Biosolids Study – Our engineering consultant Prein&Newhof is continuing their process of gather data and analyzing different technologies for the solids handling process at the WWTP.
Bypass Pump – plant staff was able to perform bypassing of both Grand Haven pump station and Spring Lake pump stations successfully. This was performed as an exercise to prove the pumps performance, as well as train the staff for appropriate set up and operations at each location. This exercise will take place several times through the year to refresh staff as well as exercise the pump for preventative maintenance practices.

7. General Business.

A. Annual Audit Presentation - Vredevelt – Haefner. CPA
Peter Haefner presented a financial audit report of the Sewer Authority and presents a clean audit opinion for the Sewer Authority.
Motion by Cargo and seconded by Staskiewicz to accept the audit. Motion carries

B. Plant Modification Contribution Rate
Plant staff recommends maintaining current funding rate for the plant modification fund at $200,000/year for the upcoming fiscal year 2022-2023.
Motion by Cargo and seconded by Bessinger to accept as recommended. Motion carries.

C. Biosolids Study
At this time, the board can determine if this study should be included in current fiscal year’s operations budget or paid from plant modification fund. The contract amount for the study was a not-to-exceed $23,000. Cargo motions to have this study expense included in the operating budget and seconded by Van Opypen. Motion carries.

D. Odor Control Aeration
Plant staff contacted Prein and Newhof about having their firm provide a report to the Sewer Authority with a goal of identifying the appropriate odor control system and equipment, as well as the estimated probable costs. These odor control modifications would involve covering the aeration basins located on the North end of the Sewer Authority property. The proposal amount was a not-to-exceed estimate of $5,000. Motion by Cargo to postpone any study and seconded by Bessinger. Motion carries.

E. Facilities Plan
Members of the Sewer Authority Board previously expressed interest in determining long term plans of all facilities located at the treatment plant. At this time the Board may consider determining next steps. Direction by Board members to postpone until future biosolids handling improvements are identified.

F. Approval of Sewer Authority Meeting Dates for 2022
Included in the meeting packet is a list of proposed meeting dates for 2022. Motion by Bessinger and seconded by Cargo to accept proposed meeting dates as presented.

8. Board Member Comments.
None

9. Announcement of next Sewer Authority Meeting: February 16, 2022

10. Meeting adjourned by Chairperson Burns at 9:10 AM.
Monthly Operations

Plant performance for the month of January was satisfactory. We averaged a daily flow of 3.072 MGD in our treatment plant, which is a slight tick up from 3.054 MGD average daily flow from December. These flows are consistent with what we have historically seen in winter months.

Over the course of January, we produced 665,500 gallons of biosolids that were pumped and held in our storage building. The solids content was 4.66% going to the storage building. We ended the month with 773,500 gallons in storage, or around 34% of our storage capacity.

Monthly Compliance

One of the compliance items for January included our monthly operating report (MOR) that was submitted to MiWaters, and no violations occurred. We also performed our quarterly testing for hex, chrome, HC-benzene, HC-butadiene, acute toxicity and low level mercury with results that were favorable.
More Facility News

- **Operations/Maintenance Supervisor** – We have hired Bradley Rose as our new Supervisor. Bradley comes in with a great enthusiasm for preventative maintenance, safety, and the knowledge/experience to keep driving us towards our goals. We are excited he is here and ready to see what he can do.

- **IPP** – We have agreed to enter into an ACO with ASP Plating Co. 211 N. Griffin St. Grand Haven, MI 49417. This is a result of their inability to maintain adequate compliance, as outlined in their industrial discharge permit. Details of the ACO are currently being negotiated

- **Sludge Storage Roof Restoration Project** – Sitting idle, will resume in spring.

- **Effluent Pump Improvement Project** – Project is still slated to start soon.

- **Control Building Roof Replacement Project** – Project will begin in spring.

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A clean plant, is a safe plant and a safe plant is a HAPPY PLANT!
**Monthly Operating Results**

### GRAND HAVEN-SPRING LAKE WASTEWATER TREATMENT PLANT

**Summary of Operating Results for January 2022**

<table>
<thead>
<tr>
<th>FLOW DATA</th>
<th>This Month</th>
<th>Cred. flw. This Month</th>
<th>Last Month</th>
<th>Cred. flw. Last Month</th>
<th>Last Year</th>
<th>Cred. flw. Last Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Flow</td>
<td>95,232,206</td>
<td>94,687,240</td>
<td>100,078,368</td>
<td>830,990</td>
<td>10,253,915</td>
<td>21,523,300</td>
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<tr>
<td>Million Gallons Per Day</td>
<td>3,072</td>
<td>3,054</td>
<td>3,248</td>
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<td></td>
<td></td>
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<tr>
<td>Grand Haven</td>
<td>48,523,260</td>
<td>46,602,051</td>
<td>55,063,275</td>
<td>1,803,990</td>
<td>13,282,000</td>
<td>6,851,700</td>
</tr>
<tr>
<td>Spring Lake Village</td>
<td>9,441,828</td>
<td>8,603,990</td>
<td>10,253,915</td>
<td>21,523,300</td>
<td>21,852,000</td>
<td>6,851,700</td>
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<tr>
<td>Spring Lake Township</td>
<td>15,244,000</td>
<td>15,256,600</td>
<td>15,063,000</td>
<td>15,063,000</td>
<td>21,523,300</td>
<td>6,851,700</td>
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<tr>
<td>Ferrysburg</td>
<td>12,611,000</td>
<td>12,851,000</td>
<td>13,282,000</td>
<td>6,800,000</td>
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<tr>
<td>Grand Haven Township</td>
<td>9,035,000</td>
<td>10,787,000</td>
<td>8,651,700</td>
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<td></td>
<td></td>
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<tr>
<td>Recycled Plant Wastes</td>
<td>377,208</td>
<td>377,208</td>
<td>377,208</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>East Grand Haven</td>
<td>9,969,661</td>
<td>7,565,922</td>
<td>12,108,233</td>
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<td></td>
</tr>
</tbody>
</table>

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS:

<table>
<thead>
<tr>
<th>LAND APPLICATION</th>
<th>This Month</th>
<th>Last Month</th>
<th>Last Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallons</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% solids</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dry tons</td>
<td>0.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trucking cost</td>
<td>$0.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trucking cost%</td>
<td>#DIV/0!</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 5-DAY CBOD (lbs/day)

| 7/1 - 8/31       | 30-day avg. 5.60 lb/d |
| 7/1 - 8/31       | 7-day avg. max. 8.30 lb/d |
| 9/1 - 9/30       | daily max. 26 mg/l |
| 9/1 - 9/30       | daily max. 40 mg/l |

### 5-DAY CBOD (mg/l)

| 7/1 - 8/31       | 30-day avg. 10 mg/l |
| 7/1 - 8/31       | 7-day avg. max. 20 mg/l |
| 9/1 - 9/30       | daily max. 25 mg/l |
| 9/1 - 9/30       | daily max. 40 mg/l |

### SUSPENDED SOLIDS (lbs/day)

| 7/1 - 8/31       | 30-day avg. 1100 lb/d |
| 7/1 - 8/31       | 7-day avg. max. 1700 lb/d |
| 9/1 - 9/30       | daily max. 2500 lb/d |

### SUSPENDED SOLIDS (mg/l)

| 7/1 - 8/31       | 30-day avg. 20 mg/l |
| 7/1 - 8/31       | 7-day avg. max. 30 mg/l |
| 9/1 - 9/30       | daily max. 30 mg/l |
| 9/1 - 9/30       | daily max. 45 mg/l |

### AMMONIA NITROGEN (7/1 - 7/31)

| 7/1 - 7/31       | 7-day avg. max. 1400 lbs/d |
| 8/1 - 8/31       | 7-day avg. max. 1300 lbs/d |
| 9/1 - 9/30       | daily max. 32 mg/l |
| 9/1 - 9/30       | daily max. lbs/d report |
| 9/1 - 9/30       | daily max. mg/l report |

### COLIFORM (cts/100ml)

| All Year         | 30-day avg. 200/100 rel |
| All Year         | 7-day avg. 400/100 ml |

### TOTAL PHOSPHORUS (as P)

| All Year         | 30-day avg. 56 lbs/a |
| All Year         | daily max lbs/d report |
| All Year         | daily max. 10 mg/l |
| All Year         | daily max. mg/l report |

### HEXAVALENT CHROMIUM (ug/l)

| All Year         | daily max. lbs/d report |
| All Year         | daily max. ug/l report |

### pH

| All Year         | daily min. 6.0 |
| All Year         | daily max. 9.0 |

### DISSOLVED OXYGEN (mg/l)

| All Year         | daily min. 3.0 mg/l |

### TOTAL MERCURY - corrected

| Quarterly       | 30-day avg. lb/d report |
| Quarterly       | daily max. lb/d report |
| Quarterly       | daily max. ug/l report |
| Quarterly       | daily max. mg/l report |
| Quarterly       | daily max. ug/l report |
| Quarterly       | daily max. ug/l report |
| Quarterly       | daily max. ug/l report |

### CBOD₅ Minimum % removal

| Sept. - June    | Minimum % monthly 85% |
| Sept. - June    | Minimum % daily report |

### TSS Minimum % removal

| Sept. - June    | Minimum % monthly 85% |
| Sept. - June    | Minimum % daily report |
LOCATION: GRAND HAVEN CITY HALL
519 WASHINGTON STREET

A regular meeting of the Northwest Ottawa Water System Administrative Committee will be held Wednesday, February 16, 2022 at 9:30 a.m. at the Grand Haven City Hall Council Chambers. Immediately following the GH/SL Sewer Authority meeting.

1. Meeting called to order.
2. Roll call.
3. Approval of minutes from November 17, 2021 Meeting.
4. Manager’s Report:
   Operation & Financial Report

ITEM 1   Unit Invoicing for Reliability Study – By Law
ITEM 2   Staffing – Presented – By Law
ITEM 3   UCMR5 – Presented – By Law
ITEM 4   NOWS Budget Draft Review – By Law (Committee Approval requested)
ITEM 5   Water Efficiency Plan Next Action – Discussion

OTHER ITEMS

ADJOURNMENT
NORTHWEST OTTAWA WATER SYSTEM
Administrative Committee Minutes
November 17, 2021

A regular administrative committee meeting of the Northwest Ottawa Water System was called to order by Christine Burns at 9:30 a.m. Wednesday, November 17, 2021 in the Council Chambers at Grand Haven City Hall.

Present: Craig Bessinger (City of Ferrysburg), Pat Staskiewicz (Ottawa County), John Nash (Spring Lake Township), and Derek Gajdos (City of Grand Haven), Christine Burns (Village of Spring Lake), Alando Chappell (Grand Haven Township), Bill Cargo (Grand Haven Township)
Absent: Gordon Gallagher (Spring Lake Township)
Also present: Eric Law (City of Grand Haven), Amy Bessinger (City of Grand Haven)

A motion by Staskiewicz, supported by Bessinger to accept the minutes for the August 18, 2021 NOWS Committee Meeting. The motion was unanimously approved by voice vote.

Manager’s Report, August, September, October ’21 – By Law
Law provided the Managers report with the following highlights presented.
Significant and meaningful rainfall has continued through the summer months and as a result August pumptage numbers were comp to LY. YTD pumptage is at 97% to LY with September and October both up over LY. Individual unit pumptage has GHCT the only unit above LY numbers YTD with allocations largely remaining the same if not leaning away from the COGH and more towards the townships. The fiscal year is tracking with Revenue at 43% and expenditures 26%. Cash position sits at $186,031 and the Replacement Fund with Money Market sits at $508,956. Replacement Fund has been added to the accounts bar graph. Production cost comp to LY is tracking higher due to the increase in chemical cost driven largely by the increased cost of chlorine. High grade caustic soda a key element in the production of sodium hypochlorite remains in short supply and is driving the price up on chlorine. Law indicates no relief in sight and will most likely lead to a budget line item adjustment for bulk chemical. Trending charts reflects impacts of a wet start to the summer with KWH/MG slightly elevated and chemical usage down slightly. Water quality was reported as being very good from the source as all performance indicators are inline. Third quarter DBP results show all communities remain in compliance. TOC trending was highlighted as trending down and attributed to continued high quality source water. PFAS sampling results continue to provide favorable results and the system remains well within compliance.

Bill Cargo – Asked if lake levels affect the amount of intake maintenance required. Law – No schedule changes should be anticipated because of fluctuating lake levels and added more influence is from runoff conditions in the Grand River.
Pat Staskiewicz – Asked about the chemical vs pumpage divergence on the usage trend during the Spring. Law attributed this to spring runoff and poorer raw water conditions during April.

Craig Bessinger – Asked if there was significance in what day PFAS samples are taken. Law – Nothing regulatory drives the specific day a sample is taken. The target is the third week of each month but this sometimes has been interrupted by sample supply shortages from EGLE.

Projects:

Agenda Item 1: NOWS Fiscal Year 2020-2021 Financial Audit Draft Review – By Peter Haefner (Vredeveeld Haefner LLC)

Haefner gave a summary of the audit and gave an overall clean opinion of NOWS financial statements, in all material respects. Bill Cargo asked if OPEB liabilities had been listed as previously requested. Haefner responded that he believed they had been disclosed in the audit report that they are being paid by the City. Cargo explained the importance of having this reported and how it impacts payments to NOWS and SA and pointed out that this has been included in the past. Cargo requested an email that details the OPEB liability for both NOWS and SA for FY 2020-21. Haefner agreed to provide information for OPEB / Pension in email. Amy Bessinger pointed out that individual employee information was not available but could provide overall department data. This was agreed to by Haefner, Cargo and A. Bessinger. Cargo requested that future audit reports come with the OPEB data as previously requested for both NOWS and SA as has been done in the past. A motion by Craig Bessinger, supported by Staskewicz to accept the NOWS Fiscal Year 2020-21 Financial Audit Draft Review. The motion was unanimously approved by voice vote.

Agenda Item 2: Unit Refund Totals – By Amy Bessinger

Unit refund totally approx. $18K will be paid out to individual units by December 2021 and the amount is predicated on percent flow allocation as stated within the contract.

Agenda Item 3: Approval of Proposed 2022 NOWS Committee Dates – By Eric Law

A motion by Cargo supported by C. Bessinger to accept the proposed 2022 NOWS Committee Meeting Dates. The motion was unanimously approved by voice vote.

Agenda Item 4: Fishbeck / Prein & Newhoff Reliability Study Draft Copies Review – By Eric Law

Law and Staskewicz highlighted areas within the Fishbeck report that paired the engineers 20-year forecasting to items of more immediate concern for the committee’s consideration. Data gathered is indicating plant capacity is restricted by the intake structures which have been reevaluated by Fishbeck and the opinion not challenged by P&N (the original engineer). Recent summer events (2019) involving pump can recharge rates have the Fishbeck concerned that the design spec of 14 MGD per intake is not attainable when water temperature is below 50 Fahrenheit. The density of the water at this temperature makes it difficult to travel through the intake structures. Cargo asked for clarification on why the capacity is restricted relevant to one or both intakes in operation and if this issue is being pushed by regulation from EGLE. Law confirmed that the issue with recharge slowing is during heavy demand and while both intakes are operational while experiencing temperature inversions. Law confirmed that management is taking a proactive approach and EGLE is not involved at this point. Because of the multiple challenges adding another intake or expanding the existing intakes presents, Fishbeck believes it’s in NOWS best interest to get started early with preliminary planning. Cargo provided a Segway to the 5th agenda item of water usage increases as population growth continues in
the region by highlighting some of the growth on the horizon for GHCT and how it is important to be proactive with planning for and preparing for this growth. John Nash agreed and commented on the importance of community outreach and education. Law & Staskewicz encouraged committee members to review each Reliability Study and bring questions/additions/concerns forward in upcoming meetings. Independent work sessions with the engineers and the unit managers was recommended by Staskewicz. No action is requested of the committee at this time.

**Agenda Item 5:** NOWS Water Efficiency Plan Draft Copy Review – By Eric Law

Law discussed the use of other peer developed plans as well as AWWA materials to develop the current draft copy and highlighted intention and concepts starting with deliberate terminology in naming the plan and the single point of emphasis being deliberate as well. Morning peak hourly flows is the single focal point issue and described the challenges of capturing the public’s interest in this concept. Nash pointed to other communities that are putting in ordinances to curtail water usage and if these conversations are taking place within our communities. Staskewicz explained these other communities are challenged with ground water shortage. Cargo wanted to emphasize that restricting development for our community should not be part of the solution due in part because our system is not limited at the source and our problem can be solved with investment in expansion. Committee members acknowledged that how irrigation is used needs to be addressed. Law acknowledged that heightened community awareness was a key component to curbing irrigation behaviors and described the meeting he and Burns attended with a local marketing team as being very productive. Burns and Law emphasized the importance of a well-planned systematic approach that has to be multifaceted and sustainable for years to get meaningful gains reduction of outdoor usage and how a professional marketing campaign will be important to that goal. Staskewicz agreed that investment in marketing will be important. Burns emphasized the importance of being proactive now if we expect results much further down the road. Cargo agreed that a professional approach is warranted. Law requested that the Plan in its current development and review and scrutinize the selective actions to be taken and provide feedback and further discussion. Cargo has concerns about the optics of tiered or peak usage charges and doesn’t support this methodology. The group all agreed that blocked tier pricing is a last measure. Law highlighted using scheduled watering ordinances as being a probable approach. Nash suggested all members do research on measures that can be taken and come equipped to provide feedback. Healthy brainstorming took place with All committee members adding more ideas and energy. Staskewicz suggested partnering with Ottawa County as they are working similar issues. Bessinger asked about timelines and Burns and Law wanted to have something to vote on by the next meeting.

**Adjournment:** 11:00 a.m. – Submitted by Eric Law