

**CASCADE CHARTER TOWNSHIP
CITIZENS PFAS COMMITTEE MEETING**

October 6, 2022 at 4:00pm
Cascade Library – Wisner Center
2780 Jacksmith Dr.
Grand Rapids, MI 49546

- ARTICLE 1.** Call the Meeting to Order
- ARTICLE 2.** Approval of the Agenda
- ARTICLE 3.** Acknowledge Visitors & Public Comment
- ARTICLE 4.** Approval of the Minutes of the August 4, 2022 Meeting
- ARTICLE 5.** Update on Public Water Extension Project
- ARTICLE 6.** Discussion on Disclosure Requirements
- ARTICLE 7.** Roundtable / Q&A
- ARTICLE 8.** Public Comment
- ARTICLE 9.** Adjournment

CASCADE CHARTER TOWNSHIP

CITIZENS PFAS COMMITTEE MEETING

August 4, 2022 at 4:00pm

Township Hall – Large Conference Room

5920 Tahoe Dr SE

Grand Rapids, MI 49546

Members Present: Supervisor Grace Lesperance, John Lipford, Chris Noordyke, Ben Greemann

Others Present: Township Manager (TM) Ben Swayze; Members of the Public

ARTICLE 1. Call to Order: Meeting was called to order at 4:00 pm

ARTICLE 2. Approval of the Agenda: Motion by Member Noordyke, Supported by Supervisor Lesperance to approve the agenda. Motion carried.

ARTICLE 3. Acknowledge Visitors & Public Comment: Several members of the public were in attendance.

Mary Heems – Update regarding the water table and irrigation. Concerns regarding meter sizing for project.

Walter Bujak – Republican nominee for Kent County Commission seat. Former Thornapple River Watershed Council Board member. Solicited feedback from committee.

ARTICLE 4. Update on Public Water Extension Project: TM Swayze reviewed the plumber information for residential connections. Concerns among committee members regarding the information that residents are receiving from plumbers. Plumbers themselves seem to be confused about rules. Manager Swayze indicated he would contact project engineers to make sure all are on the same page.

Regarding connection requirements, legal has confirmed that there is currently no mechanism to require residents to connect or to disallow wells for irrigation. Information needs to be disseminated to project team and residents.

ARTICLE 5. Discussion on Disclosure Requirements: Item was tabled until next meeting

ARTICLE 6. Roundtable Q&A: Various discussions among Committee members and members of the public

ARTICLE 8. Public Comment: Various discussions among Committee members and members of the public

ARTICLE 9. Adjournment: Motion by Member Farmer, Supported by Supervisor Lesperance, to adjourn at 5:07. Motion carried

Approved by the Citizens PFAS Committee – TBD

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Successors
1	Task	CASCADE WATERMAIN	255 days	Mon 10/10/22	Fri 9/29/23		
2	Task	TREE REMOVAL	0 days	Mon 10/10/22	Mon 10/10/22		
3	Task	TRAFFIC CONTROL	1 day	Mon 10/10/22	Mon 10/10/22		4FF
4	Task	SESC MEASURES	1 day	Mon 10/10/22	Mon 10/10/22		5SS
5	Task	STRIP TOPSOIL	2 days	Mon 10/10/22	Tue 10/11/22		7SS+1 day
6	Task	BURGER DR.	15 days	Tue 10/11/22	Mon 10/31/22		
7	Task	INSTALL W/M 9+10 - 23+55	6 days	Tue 10/11/22	Tue 10/18/22	5SS+1 day	14,8
8	Task	REMOVE C/G @ TANGELWOOD	1 day	Wed 10/19/22	Wed 10/19/22		9
9	Task	BUILD ROAD @ CROSSING	1 day	Thu 10/20/22	Thu 10/20/22		10
10	Task	POUR C/G	1 day	Fri 10/21/22	Fri 10/21/22		11
11	Task	GRADE DRIVES	2 days	Mon 10/24/22	Tue 10/25/22		12
12	Task	PAVE DRIVES AND TANGLEWOOD CROSSING	1 day	Wed 10/26/22	Wed 10/26/22		13
13	Task	POUR CONCRETE DRIVES	1 day	Thu 10/27/22	Thu 10/27/22		20
14	Task	INSTALL W/M 26+10 - 36+21	4 days	Wed 10/19/22	Mon 10/24/22		15SS,18
15	Task	REMOVE C/G @ TUSCANY	1 day	Wed 10/19/22	Wed 10/19/22		16FF
16	Task	BUILD ROAD @ CROSSING	1 day	Wed 10/19/22	Wed 10/19/22		17FF
17	Task	POUR C/G	1 day	Wed 10/19/22	Wed 10/19/22		19
18	Task	GRADE DRIVES	1 day	Tue 10/25/22	Tue 10/25/22		14
19	Task	PAVE DRIVES AND TUSCANY CROSSING	1 day	Wed 10/26/22	Wed 10/26/22		18,17
20	Task	WINTER CLEANUP	2 days	Fri 10/28/22	Mon 10/31/22		21
21	Task	WINTER SHUT DOWN	115 days	Mon 4/24/23	Fri 9/29/23		20
22	Task	TRAFFIC CONTROL	1 day	Mon 4/24/23	Mon 4/24/23		23SS
23	Task	SESC MEASURES	1 day	Mon 4/24/23	Mon 4/24/23		22SS
24	Task	STRIP TOPSOIL	1 day	Mon 4/24/23	Mon 4/24/23		24FF
25	Task	START OF RIVER DRAW DOWN	4 days	Tue 4/25/23	Fri 4/28/23		25
26	Task	SETUP FOR RIVER CROSSING	2 days	Thu 4/27/23	Fri 4/28/23		24
27	Task	INSTALL W/M @ RIVER CROSSING	3 days	Fri 4/28/23	Mon 5/1/23		25FF
28	Task	TNC W/M (BURGER DR.)	4 days	Tue 5/2/23	Fri 5/5/23	26SS+1 day	28
29	Task	TIE IN W/M	1 day	Mon 5/8/23	Mon 5/8/23		29
30	Task	INSTALL SERVICES	5 days	Tue 5/9/23	Mon 5/15/23		30
31	Task	INSTALL STORM SEWER 30+45 - 11+75	6 days	Tue 5/16/23	Tue 5/23/23		29
32	Task	TUSCANY DR.	17 days	Wed 5/24/23	Thu 6/15/23		30

Project: Progress Schedule fall
Date: Tue 9/27/22

Task Split Inactive Task Inactive Milestone Manual Task Duration-only

Manual Summary Rollup Manual Summary Start-only Finish-only External Tasks

External Milestone Deadline Critical Critical Split Progress

Manual Progress

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Successors	Oct 9 '22	Oct 16 '22	Oct 23 '22	Oct 30 '22	Nov
33	Task Mode	INSTALL W/M 146+10 - 130+00	6 days	Wed 5/24/23	Wed 5/31/23	31	34					
34	Task Mode	TNC WATERMAIN	4 days	Thu 6/1/23	Tue 6/6/23	33	35					
35	Task Mode	TIE IN W/M @ BUGER	1 day	Wed 6/7/23	Wed 6/7/23	34	36SS					
36	Task Mode	INSTALL SERVICES 23 EA.	7 days	Wed 6/7/23	Thu 6/15/23	35SS	38					
37	Task Mode	TRIPOLI ST. & TRIPOLI COURT 11 days	11 days	Fri 6/16/23	Fri 6/30/23							
38	Task Mode	INSTALL W/M 171+50 - 164+25 TRIPOLI ST.	4 days	Fri 6/16/23	Wed 6/21/23	36	39					
39	Task Mode	INSTALL W/M 174+75 - 173+ 00 TRIPOLI CT.	1 day	Thu 6/22/23	Thu 6/22/23	38	40,44					
40	Task Mode	TNC WATERMAIN	4 days	Fri 6/23/23	Wed 6/28/23	39	41					
41	Task Mode	TIE IN @ TUSCANY	1 day	Thu 6/29/23	Thu 6/29/23	40	42SS					
42	Task Mode	INSTALL SERVICES 7EA.	2 days	Thu 6/29/23	Fri 6/30/23	41SS						
43	Task Mode	CIMARRON DR.	13 days	Fri 6/23/23	Tue 7/11/23							
44	Task Mode	INSTALL W/M 151 +00 - 161+00	4 days	Fri 6/23/23	Wed 6/28/23	39	45,49					
45	Task Mode	TNC W/M	4 days	Thu 6/29/23	Tue 7/4/23	44	46					
46	Task Mode	TIE IN @ TUSCANY	1 day	Wed 7/5/23	Wed 7/5/23	45	47					
47	Task Mode	INSTALL SERVICES 16 EA.	4 days	Thu 7/6/23	Tue 7/11/23	46						
48	Task Mode	TANGLEWOOD DR	27 days	Thu 6/29/23	Fri 8/4/23							
49	Task Mode	INSTALL W/M 66+50 - 43+50	11 days	Thu 6/29/23	Thu 7/13/23	44	50,54					
50	Task Mode	TNC W/M	4 days	Fri 7/14/23	Wed 7/19/23	49	51					
51	Task Mode	TIE IN W/M @ BURGER	1 day	Thu 7/20/23	Thu 7/20/23	50	52,65					
52	Task Mode	INSTALL SERVICES 39 EA	11 days	Fri 7/21/23	Fri 8/4/23	51	58					
53	Task Mode	TRICKLEWOOD DR. & TRICKLEWOOD COURT	24 days	Fri 7/14/23	Wed 8/16/23							
54	Task Mode	INSTALL WATER MAIN 104+50 - 87+00	6 days	Fri 7/14/23	Fri 7/21/23	49	55					
55	Task Mode	TRICKLEWOOD DR. INSTALL W/M 109+25 - 117+00 TRICKLEWOOD CT.	3 days	Mon 7/24/23	Wed 7/26/23	54	56,60					
56	Task Mode	TNC W/M	4 days	Thu 7/27/23	Tue 8/1/23	55	57					
57	Task Mode	TIE IN W/M @ TANGIWOOD DR	1 day	Wed 8/2/23	Wed 8/2/23	56	58					
58	Task Mode	INSTALL SERVICES 30 EA.	8 days	Mon 8/7/23	Wed 8/16/23	57,52						
59	Task Mode	BROOKHILLS COURT	9 days	Thu 7/27/23	Tue 8/8/23							

Project: Progress Schedule fall
Date: Tue 9/27/22

Task Split Milestone Summary Project Summary

Inactive Task Inactive Milestone Manual Task Duration-only

Manual Summary Rollup Manual Summary Start-only Finish-only External Tasks

External Milestone Deadline Critical Critical Split Progress

Manual Progress

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Successors	Oct 9, 22	Oct 16, 22	Oct 23, 22	Oct 30, 22	Nov
60	▶	INSTALL W/M 119+60 - 123+00	2 days	Thu 7/27/23	Fri 7/28/23	55	61	S	S			
61	▶	TNC W/M	4 days	Mon 7/31/23	Thu 8/3/23	60	62					
62	▶	TIE IN W/M @ TANGLEWOOD	1 day	Fri 8/4/23	Fri 8/4/23	61	63					
63	▶	INSTALL SERVICES 6 EA	2 days	Mon 8/7/23	Tue 8/8/23	62						
64	▶	ROAD WORK SECTION	5.1 days	Fri 7/21/23	Fri 9/29/23							
65	▶	GRADE FOR C/G	5 days	Fri 7/21/23	Thu 7/27/23	51	66					
66	▶	POUR C/G	5 days	Fri 7/28/23	Thu 8/3/23	65	67					
67	▶	GRADE ROAD CROSSINGS	4 days	Fri 8/4/23	Wed 8/9/23	66	68					
68	▶	GRADE BIT/CONCRETE DRIVES	15 days	Thu 8/10/23	Wed 8/30/23	67	69,70					
69	▶	PAVE BIT DRIVES	6 days	Thu 8/31/23	Thu 9/7/23	68						
70	▶	POUR CONCRETE DRIVES	8 days	Thu 8/31/23	Mon 9/11/23	68	71SS+1 day					
71	▶	PLACE TOPSOIL	8 days	Fri 9/1/23	Tue 9/12/23	70SS+1 day	72					
72	▶	IRRIGATION REPAIRS	8 days	Wed 9/13/23	Fri 9/22/23	71	73					
73	▶	FINAL RESTORATION	5 days	Mon 9/25/23	Fri 9/29/23	72						

Project: Progress Schedule Fall
Date: Tue 9/27/22

	Task		Manual Summary		External Milestone		Manual Progress
	Split		Manual Summary		External Milestone		Manual Progress
	Milestone		Manual Summary		External Milestone		Manual Progress
	Summary		Manual Summary		External Milestone		Manual Progress
	Project Summary		Manual Summary		External Milestone		Manual Progress

Ben Swayze

From: Dickow, Peter (Peters) <Peter_Dickow@peters.senate.gov>
Sent: Thursday, September 15, 2022 10:38 AM
To: Dickow, Peter (Peters)
Subject: PFAS protection legislation from Senator Peters



Peters Introduces Bipartisan Bill to Bolster Cooperation Between Federal and Local Governments to Protect Communities from Hazardous PFAS Chemicals

FOR IMMEDIATE RELEASE

September 13, 2022

Jay Bhargava

(202) 235-4680

peterspress@hsgac.senate.gov

WASHINGTON, DC – U.S. Senator Gary Peters (MI), Chairman of the Homeland Security and Governmental Affairs Committee, introduced bipartisan legislation to improve coordination between federal and local governments to protect Michiganders from exposure to toxic per- and polyfluoroalkyl substances (PFAS). PFAS are man-made chemicals that are widely used in industry and consumer products, and can lead to serious health effects. Peters’ bill would create a working group within the White House Office of Management and Budget (OMB) to improve intergovernmental coordination to address contamination of these harmful substances.

“The federal government must do a better job of coordinating with states, Tribes, and local communities when they are working to clean up harmful PFAS chemicals that continue to affect the health and safety of servicemembers, first responders, and entire communities in Michigan and across the nation,” **said Senator Peters**. “This bipartisan bill will help improve communication and coordination efforts across every level of government to ensure there is a more comprehensive approach to cleaning up existing sites and preventing future contamination.”

Michigan has the highest number of PFAS contaminated sites in the nation – largely because the state is at the forefront of testing and identifying these locations. More than 2 million Michiganders have been exposed to PFAS contamination in their drinking water and PFAS have been found in every Great Lake. Exposure to these chemicals can cause detrimental health effects, including an increased risk of cancer, damage to the immune system, decreased fertility, birth defects, liver disease, and thyroid disease.

The *PFAS Intergovernmental Coordination Act* would establish an intergovernmental working group at OMB made up of representatives from federal agencies; state, local, and Tribal governments; and academic research institutions to improve responses to current PFAS contamination. The group would meet quarterly for two years and would be tasked with providing a report to the Senate Homeland Security and Governmental Affairs Committee and the House Committee on Oversight and Reform that outlines their recommendations and methodologies to improve responses to current PFAS contamination efforts and mitigate future contamination efforts.

The legislation builds on Peters’ longstanding efforts to address PFAS contamination. Last month, he [convened a field hearing](#) in East Lansing with senior federal officials and local stakeholders to examine efforts to clean up PFAS contamination in Michigan. His bill to protect firefighters from hazardous PFAS chemicals has [passed the Senate](#). Peters recently [introduced](#) bipartisan legislation to strengthen and expand federal research on PFAS contamination. His bipartisan legislation to reduce the spread of PFAS chemicals at commercial airports [has passed the Senate](#). Last year, Peters [convened a hearing](#) to examine how servicemembers, their families and communities in Michigan and across the country have been harmed by exposure to toxic PFAS substances connected to military sites. In September 2018, Peters helped convene [the first hearing](#) on PFAS contamination in the Senate, assessing the federal response to contamination and remediation. He then [convened](#) a field summit in Grand Rapids in November 2018 to shine a light on how the local, state and federal governments are coordinating their response to PFAS.

Below are statements in support of Peters’ bipartisan legislation:

“I support the goals of the Federal PFAS Intergovernmental Coordination Act and am grateful for Sen. Peters’ leadership on the important issue of PFAS coordination and collaboration,” **said Abigail Hendershott, Executive Director of the Michigan PFAS Action Response Team**. “The proposed legislation will help to establish a much-needed national work group to develop a collaborative strategic approach to the complexities of PFAS issues in our country. This model of interagency collaboration on PFAS has been successful here in Michigan and I believe it will lead to better and more uniform federal policies at a national level.”

“The PFAS Intergovernmental Coordination Act will increase accountability and break down governmental silos in the fight to tackle PFAS contamination, a major threat to people and wildlife in the Great Lakes region,” **said Jennifer Hill, Associate Director of the Great Lakes Regional Center of National Wildlife Federation**. “Bringing local and tribal governments to decision making tables is a crucial step to ensure impacted communities are a part of clean up decisions happening in their backyards.”

“As the PFAS crisis widens, we need federal agencies to come together with state, local, and tribal governments as well as the scientific community to come together to protect people and communities across America,” **said Tony Spaniola, Co-Chair of the Great Lakes PFAS Action Network and founding member of Need Our Water (NOW), a PFAS community action group in Oscoda, Michigan**. “Senator Peters’ legislation will spur the types innovative and collaborative action that are vitally important to tackle this critical challenge.”

“Rockford, Oscoda, the Huron River—time and again, Michiganders have been exposed to PFAS and fought it head on,” **said Charlotte Jameson, Michigan Environmental Council chief policy officer**. “We’ve made so much progress, but so much more could be made with top-notch federal policies. Sen. Peters’ bill would pair

local experts across our peninsulas with national leaders, allowing us, together, to protect people from PFAS in the best ways possible.”

“Decision makers at all levels need to be prepared to prevent and respond to the toxic PFAS contamination crisis in Michigan and across the country,” **said Bentley Johnson, federal government affairs director for the Michigan League of Conservation Voters.** “That is why we are so encouraged to see Senator Peters introduce much-needed bipartisan legislation to improve interagency coordination of our federal government’s response to PFAS. Congress should advance this legislation as they continue to find ways to improve polluter accountability, cleanup oversight, and real engagement with impacted communities.”

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