

CASCADE CHARTER TOWNSHIP
CITIZENS PFAS COMMITTEE MEETING
September 2, 2021 at 4:00pm
Cascade Township Library – Wisner Center
2870 Jacksmith Ave SE
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 Minutes from 7.15.21 and 6.03.21 meetings
- ARTICLE 5.** Update from Township on Public Water Extension Project
- ARTICLE 6.** Update from Township on Water Filters for Houses Above PFAS Action Level and Bottled Water Service
- ARTICLE 7.** Roundtable / Q&A
- ARTICLE 8.** Public Comment
- ARTICLE 9.** Adjournment

**CASCADE CHARTER TOWNSHIP
CITIZENS PFAS COMMITTEE MEETING**

June 3, 2021 at 4:00pm

Held via Zoom Remote Conferencing Software

<https://us02web.zoom.us/j/89288614773>

Members Present: Supervisor Grace Lesperance, Ben Greemann, Chris Noordyke, John Lipford, Kevin Flannery, Kris White, Patti Baldwin

Others Present: Township Manager (TM) Ben Swayze; Township Special Counsel Doug Van Essen; EGLE Project Manager Aaron Assmann

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

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: No public was in attendance

ARTICLE 4. Introductions: All committee members and other attendees introduced themselves and discussed what they hoped to accomplish through the committee.

ARTICLE 5. Update from Township Special Counsel Doug Van Essen: Attorney Van Essen provided the committee with an update on the “negotiations” between the Township and the airport regarding responsibility for the PFAS clean-up.

ARTICLE 6. Update from EGLE on GRFIA Investigation: Project Manager Aaron Assmann from EGLE gave the committee and update on the investigation into PFAS being conducted by EGLE. GRFIA has been notified by EGLE that they are the responsible party and need to design a clean-up plan. Conversations are on-going.

ARTICLE 7. Update from Township on Public Water Extension Project: TM Swayze gave the committee an update on the water extension project. The City of GR is finalizing the grant agreement with EGLE. Conversations are ongoing regarding who will assume administration of the project. Interim financing for the whole project may be obtained by the City of GR utility fund in a process known as “system financing.”

ARTICLE 8. Roundtable Q&A: Committee discussed several topics. Request was made to possibly pursue information on the study of the health effects of PFAS in the area effected. TM Swayze indicated he would reach out to EGLE/MPART regarding this.

ARTICLE 9. Discuss and Consider Future Meeting Format: TM Swayze reviewed that the committee was set up as a OMA body, therefore we must follow OMA meeting guidelines. Virtual meetings are allowed now because of the Kent County

emergency order, but the order expires at the end of the month. It is unknown if it will be extended. Discussion ensued. Consensus was to meet virtually if allowed, otherwise meet in person.

ARTICLE 10 Public Comment: None

ARTICLE 11 Adjournment: Meeting adjourned at 5:47pm

Approved by the Citizens PFAS Committee – TBD

DRAFT

**CASCADE CHARTER TOWNSHIP
CITIZENS PFAS COMMITTEE MEETING**

July 15, 2021 at 4:00pm

Cascade Township Library – Wisner Center
2870 Jacksmith Ave SE
Grand Rapids, MI 49546

Members Present: Supervisor Grace Lesperance, Ben Greemann, John Lipford, Kris White, Patti Baldwin

Others Present: Township Manager (TM) Ben Swayze

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

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

ARTICLE 3. Acknowledge Visitors & Public Comment: No public was in attendance

ARTICLE 4. Update from Township on Public Water Extension Project: TM Swayze reviewed the progress that has been made on the project. The City of GR has signed all of the necessary documents and the project is ready to move forward. It is anticipated that the City and Township will partner together to administer the project. The first step will be to bring on an engineer, the City is preparing an RFP to obtain engineering services. The RFP is important to demonstrate that the Township is taking care to control expenses once reimbursement is sought from the airport.

ARTICLE 5. Update from Township on Water Filters for Houses Above PFAS Action Level: TM Swayze updated the committee that the Township Board has approved funding for whole-house filters for all 40 homes that tested above the Part 201 PFAS levels, and bottled water service for all houses with any positive PFAS test. Work is being done to set up a meeting with a filter provider and those residents effected. The goal is for the customer relationship to be between the provider and the resident, Township will act as a fiduciary. Committee will be invited to meeting with residents,

ARTICLE 6. Roundtable / Q&A: Committee discussed costs that are being incurred by residents as a direct result of PFAS (i.e. extra cost for well repair or replacement) TM Swayze indicated he would follow-up with Township legal counsel on the ability to include those costs in the recuperation efforts. Question was asked regarding the river and the fish; TM Swayze indicated he would include the fish study on the next committee agenda.

ARTICLE 7. Discuss and Consider Future Meeting Format: TM Swayze indicated the Kent County Board of Commissioners did not extend the local state of emergency, so meetings will now be in-person.

ARTICLE 8. Public Comment: None

ARTICLE 11 Adjournment: Meeting adjourned at 5:11pm

Approved by the Citizens PFAS Committee – TBD

DRAFT

Description	F&V	Holland	P&N	Spaulding
Project Manager	Steve Bishop	Lynnelle Berkenpas	Kevin Koster	Dan VanderHeide
QAQC	Don DeVries	Ryan Ysseldyke	Jeremy Kamp	Jeremy Schrot
Design	Andy Ogilvie	Collin DePekel	Jim Herman	Taylor Reynolds
Design	Michael Mattzela	Steven Morris	Mark DeHaan	Terry Lindow
Design	Danell Smith	Mark Brookhouse	Jayson Pruis	Scott Isenberg
Design			Payton Novak, Kevin Gritters	Bruce Carlstrom
Survey	Kevin Cleaver, F&V	Doug Lansky, Holland	Daniel Elzinga	Mike DeDecker
Private Property Agreements/Easements		Michiana Land Services		
Geotechnical Services	MTC	MTC	Chris Cruickshank	Soils & Structures

Cascade Water Main: Burger-Goodwood

Design

Design Labor	\$ 254,700	\$ 250,600	\$ 193,800	\$ 207,568
Geotechnical - Design Soil Borings	\$ 11,990	\$ 7,500	\$ 5,500	\$ 15,940
Internal Reimbursable	\$ 8,700.00		\$ 168	
Total Reimbursables	\$ 20,690.00	\$ 7,500	\$ 5,668	\$ 15,940
Total Design Cost	\$ 275,390	\$ 258,100	\$ 199,468	\$ 223,508
Private Property Agreement Allowance	rate sch exhibit C	\$ 114,000	\$ 99,168	\$ 56,032
Total Design Hours exc private property agreements	2679	2270	1170	1650
Design Cost Per Hour	95.07	110.40	114.36	125.80

Notes	Total estimated hours not given for access agreements. Similar work in Fennville, abandoned 65% of 200 wells	Agreement allowance based on 1,122 hours of effort by Michiana LS or 4.4 hours each	Agreement allowance based on 1.5 hours per agreement or \$153/each. Similar work in Kalamazoo & Plainfield Twp	Agreement allowance based on 2 hours each
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Construction

Construction Labor	\$ 309,922	\$ 313,300	\$ 255,836	\$ 378,600
Construction Inspection Hours	2528	3280	1404	2304
Construction Staking Hours	included above	included above	416	580
Construction Administration Hours	included above	included above	882	668
Construction Materials Testing		\$ 37,500		\$ 32,500
Internal Reimbursables	9170	0	2964	0
Total CE&I including testing	\$ 319,092	\$ 350,800	\$ 258,800	\$ 411,100

Notes	Materials Testing fee not provided; stated they will coordinate with City's third party testing firm	3,150 hours for construction (inc. admin/ins/staking); 130 hours for as-builts	1. Inspection based on 50 hours/week for 26 weeks; 2. Testing typically included in bid package to be done by contractor per Brian. P&N has some certified staff too.	1. Inspection; 60 hours/week for 32 weeks; 16 weeks of part time inspector (if needed).
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Total (excluding testing and access agreements)	\$ 594,482	\$ 571,400	\$ 398,268	\$ 602,108
• Similar Experience (rate 0-25)				
• Project Team (rate 0-25)				
• Project Approach including Schedule (rate 0-25)				
• Project Cost (rate 0-25)				
Total Score	0	0	0	0

CITY OF GRAND RAPIDS
PROFESSIONAL AND TECHNICAL ENGINEERING SERVICES (#16096)

Project Title: Water Main in Burger Drive, Tanglewood Drive, Tricklewood Drive, Brookhills Court, Tricklewood Court, Tuscany Drive, Cimarron Drive, Tripoli Street, and Tripoli Court; and Water Service Installation in Goodwood Drive and Woodbrook Drive (Burger-Goodwood Neighborhood) (File No. 21044)

Limits: Water Main to be within the right-of-way (ROW) within the limits shown on Phase 1 of the proposed project area.

Contact: Jeff McCaul, jmccaul@grcity.us, 616-456-3075

Owners: City of Grand Rapids Engineering Department, Water Department, and Cascade Charter Township

Objective:

Engineering services are being sought to conduct Design Engineering Phase Services including Bidding and Construction Engineering/Inspection Phase Services for the Burger-Goodwood Neighborhood - Phase 1 project as shown in the attached "Consolidation and Contamination Risk Reduction (C2R2) Grant Application"

Description:

The City of Grand Rapids (City) and Cascade Charter Township (Township) propose to extend water main in the Phase 1 area of the Burger-Goodwood Neighborhood and connect 256 residential wells in this area to the new water main and existing water main within these limits.

Project Background:

The Township's Burger and Goodwood neighborhoods became an official Michigan PFAS Action Response Team (MPART) Area of Interest in March 2019 due to their proximity to known potential PFAS sources and local geologic features between the Gerald R. Ford International Airport and the Thornapple River. PFAS chemical levels greater than one or more of the PFAS Maximum Containment Levels (MCL) have been detected in samples from 40 individual residential wells and one or more of the PFAS compounds were detected in more than 60% of the results. The City of Grand Rapids Water System (City), in partnership with the Township, have identified a long-term solution to address PFAS contamination in residential wells. Converting 473 properties with residential wells onto the City domestic water main, which only partially serves the neighborhood at this time, has been identified by the Township as the most effective long-term solution. The proposed project will be accomplished in phases and is currently estimated to cost \$13,230,525.

Michigan Public Act 57 of 2019 provides grants up to \$5,000,000 to drinking water systems for contaminant remediation efforts or connection to an alternate system. A grant

application for a Consolidation and Contamination Risk Reduction (C2R2) grant was submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE) in January 2021. EGLE approved the grant application in the amount of \$5,000,000 for the first phase of the project which proposes the construction of 12,025 feet of water main and the connection of 256 residential wells to the City domestic water main and is estimated to cost \$6 million.

Scope of Work:

General:

- Review as-built information.
- Data Gathering Including:
 - Field survey and base plans to City's current CAD standards
 - As needed geotechnical and soils investigations, sub-aqueous investigations, and other pertinent information required for the proper design of the project.
- Conduct design meetings with City Staff and assist with public engagement. Meetings include: Design kickoff meeting, all intermediate review meetings, checkprint meeting if necessary, and 100% review meeting if necessary.
- Conduct an internal "peer" review of 100% drawings and specifications prior to submitting for signature of City Engineer.
- Prepare and deliver Construction drawings, specifications, documents, and the Engineer's Construction Cost Estimate to meet City standards and Grand Rapids current CAD standards.
- Prepare all necessary forms and permit applications, including but not necessarily limited to water permit applications, lake and stream permit for two water main bores under water bodies, Kent County Road Commission permits for right of way (ROW) work/road crossings, etc.
- The Consultant should plan to provide biweekly progress reports via email during the design stage of the project in addition to providing this information with the Consultant Monthly Progress Reports (CMPRs) with invoicing.
- Bidding Assistance: Answer contractor questions during the bidding period and advise City Staff of any such questions and answers.

Estimated Project Budget:

- Phase 1 Preliminary Construction Estimate = \$5,261,000
- Phase 1 Estimated Total Project Cost = \$6,000,000

Qualification Submission:

All proposals must include the following information:

- Title Page
- Table of Contents
- References for similar projects: include full names, companies, addresses, phone numbers, and email addresses of the business office.
- Organizational chart with all project team members identified.
- Resumes for all proposed project team members.

- Outline of methods and techniques that will be used to maintain the overall project budget.
- Additional information – Present any data or information with the firm considers pertinent to the selection process. Information should be kept relevant to the project.
- Fee summary for the project including total hours by task as well as reimbursable expenses and allowances with fee
- Proposals are not to exceed 15 pages front and back (30 pages total).

Timeframe:	Proposals Due:	August 16, 2021 4:00pm EST
	Proposal Award	August, 2021
	Submit Final Plans to the City	January 2022
	Bid Opening:	February 2022
	Construction Start	Spring 2022
	Substantial Completion	November 19, 2022
	Final Completion	June 30, 2023

Project Costs:

Consultant fee is to include the following:

- Labor to achieve project objectives and scope of work
- Site investigations and survey
- Project budgeting
- Design Engineering Fee including Bidding phase services
- Assist in managing bid process
- Conduct design meetings and produce minutes
- Construction Engineering and Inspection Fee for Phase 1 work including any reimbursable expense and subconsultant fees.
- Provide hourly rate and estimated number of hours to obtain private property access agreements for 256 properties for work associated with installing a new water service into the basement, capping existing well and associated restoration of private property. List as a separate line in design fee.

Design Deliverables:

1. Data gathering: summary of private and public utilities including age, condition, and recommended improvements; summary of recommended improvements. Only limited sewer is anticipated at this time.
2. An electronic copy of all Project Documents (90% drawings, specifications, Engineer's Construction Cost Estimate and Sources and Uses identified with the Project Cost Estimate including all project work. Construction cost estimate, Design and Construction phases services, Public Engagement, 5% Administration, 12% Contingencies is to be delivered to City Staff for checkprint review. The drawings sets are to be on bond paper. An electronic submittal of all Project Documents is also to be delivered to City Staff at the same time.
3. An electronic copy of all Project Documents (100% drawings, specifications, Engineer's Construction Cost Estimate, Soil Borings, etc. is to be delivered to City Staff.

- a. Specifications in Microsoft Word format.
 - b. Drawings
 - i. CAD and PDF formats.
 - c. 1 hard copy –Mylar Cover (Title) sheet
 - d. Final Engineer’s Estimate: in XLS & PDF formats.
4. Proposal to furnish Construction Engineering/Inspection Phase Services

Selection Criteria:

- Similar Experience.....25 points
- Project Team.....25 points
- Project Approach including Schedule.....25 points
- Project Cost.....25 Points

E-Mail your PDF responses to Jeff McCaul (jmccaul@grcity.us) by **4:00 PM EST, August 16, 2021**

Include:

- Firm identification
- Key project team members and experience
- Sub-consultants
- Identification of MLBE consultants and/or sub-consultants
- Scope of services for project
- Detailed schedule for project
- Estimated cost of services with breakdown for design engineering, construction engineering & Inspection, reimbursable costs, hourly rate with estimated hours to obtain private property access agreements

UTILIZATION OF MICRO - LOCAL BUSINESS ENTERPRISES (Micro-LBE)

The City of Grand Rapids is committed to maximizing equal opportunity and diversity, not only in its workforce, but in its procurement of goods and services -- including professional services. Therefore, consultants retained by the City are encouraged, when feasible, to utilize Local Micro Businesses as sub consultants in the provision of its firm’s services.

Available Information:

- Grant Application**
- Grant Agreement**

As-Bid/As-Builts:

21044 WM and Water Service Installation at VAR LOC