

Allegan County Ground Water Study Ad-Hoc Work Group



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WATER STUDY WORKGROUP – AGENDA

Wednesday, July 13, 2022 – 2PM

Human Services Building, Karl Zimmerman Room
3255 122nd Avenue, Allegan, MI 49010
Virtual Meeting Options – Connectivity Instructions

2PM

CALL TO ORDER:
ROLL CALL:
PUBLIC PARTICIPATION:
PRESENTATIONS:

Presentation by:

Gun Plain Township – Mike VanDenBerg

City of Saugatuck – City Manager, Ryan Heise

COMMUNICATIONS:

DISCUSSION ITEMS:

- 1. Local Units of Government Project Applications—Review Criteria and discussion of requests received to date (Kunetz):**
- 2. Phase 2 Study – Update (Z. Curtis):**
- 3. Work Group Task List (Kunetz):**

PUBLIC PARTICIPATION:

ADJOURNMENT:

Workgroup Tasks and Deliverables:

1. Review the final Allegan County Groundwater Study, conducted by Hydrosimulatics, Inc. and submitted to the Board on March 25, 2021.
2. Provide regular updates to the Board and a final written summary of observations and recommendations of the workgroup, within one-year of the appointment of its members, relative to the study content (and any other aspects of Allegan County's current and future state relative to water quality, including recommendations for how the County (as a geographic area) should proceed with next steps (if any) and provide particular focus on Hydrosimulatics, Inc. recommendation to pursue an interactive Decision Support System. All recommendations must be specific as to the management/oversight model, funding, root need/issue to be addressed and expected results of any next steps to be considered.
3. The Allegan County Health Department will participate in the discussions of the work group and will provide administrative support, guidance and expertise.
4. As an ad-hoc workgroup, the work of the group will be considered complete upon the delivery of item number 2 above.

Applications for ARPA Funding for Water Projects

Requestor	Project Description	Impact to Water Quality and Quantity	Project Schedule	Funding Ask	Comments
City of Allegan	Water and sewer replacement in downtown Allegan. \$2.6 million project. Replace lead service lines from water main to structure. 1400 lead services out of 1900 accounts. Serv 5000 people. State mandate to replace through 2041. No connection to water plant or wells.			\$2,600,000	
City of Otsego	Three projects: Redrill a production well. 108' deep, 95 gpm. Adding on to building. Change chemical feed to liquid chlorine. Close up dead end lines. Water main breaks, replace water lines there. 4100 population served	Groundwater quality issue: Get septic tanks onto city sewer to protect production wells	Ready for bid	\$1,500,000 for all three projects.	
City of Plainwell	Water main replacement and connecting 58 homes in Old Orchard neighborhood on septic to sewers. Water, roads, sewer, asbestos water main.	Ground Water quality issue: Number and density of septic systems in neighborhood impacts groundwater quality. 80% will not meet current County requirements for proximity to water main.		\$1,400,000	
Dorr Township	Dorr Twp Business Park: 200 acres in Allegan County. Class A business park, propose a 400,000 ton municipal solid waste, mixed solids process. Extract materials for recycle. Also can take food waste, organics. Everboard—produce 150 million sq ft of roofing material from plastics Need water and sewer to service this facility. Does not currently have the infrastructure nearby. Need this in order get businesses. Dorr Twp. Will install water lines but will not own them. These businesses create revenue and jobs for the county and twp. Calculate county would earn \$500,000 annual in revenues from taxes. Will put \$200,000 of their \$840,000 ARPA funds towards project.		Project development agreement signed in March 2022. By late summer 2022 will be ready to proceed. Construction in 2023.	\$200,000	Township does not own water lines it will construct.

Saugatuck Twp.	<p>Water Main Pipeline Replacement on Riverside road. 3 municipal wells, 1500 gpm. Current 2" water line is susceptible to contamination, including cross contamination with water system. Saugatuck Twp. has \$350,000 in ARPA funds Resistance of homeowners to a special assessment.</p>		Ready to put out bids by end of the year.	\$341,000	

Allegheny County Groundwater Ad Hoc Work Group

Task List

Revised: July 10, 2022

Task	Schedule
1. Phase II Screening Level Study (Hydrosimulatics) <ul style="list-style-type: none"> a) Review Progress b) Risk criteria and scoring c) Prepare and submit report to BOC 	Study start: July 1, 2022 <ul style="list-style-type: none"> a) November 15, 2022 b) December 15, 2022 c) December 31, 2022
2. Local Units of Government Projects <ul style="list-style-type: none"> a) Review all requests b) Establish review criteria c) Submit recommendation to BOC for project funding 	<ul style="list-style-type: none"> a) August 17, 2022 b) July 13, 2022 c) August 26, 2022
3. Decision Support System (Hydrosimulatics) <ul style="list-style-type: none"> a) Review proposal b) Decide if it is desirable c) Submit recommendation to BOC if accepted 	<ul style="list-style-type: none"> a) September 21, 2022 b) October 5, 2022 c) October 15, 2022
d) Monitoring Wells <ul style="list-style-type: none"> a) Determine if additional monitoring wells are desired (in addition to the 4 by MGS) b) Submit recommendation to County Administrator 	<ul style="list-style-type: none"> a) TBD b) TBD
c) Water Supply vs Water Demand <ul style="list-style-type: none"> a) Determine future water demand scenarios (Worst, Best, Likely) b) Compare to water supply availability c) Submit recommendation/report to BOC 	<ul style="list-style-type: none"> a) TBD b) TBD c) TBD
d) Individual Residential Wells <ul style="list-style-type: none"> a) Determine how to educate residential well owners how to request assistance b) Determine how to take requests from individual, residential well owners who have contaminated wells and seek funding from the ARPA funds for remediation. 	<ul style="list-style-type: none"> a) TBD b) TBD
e) Public Education for groundwater protection, and planning and zoning education for LUGs. Help businesses and LUGs understand results of screening study, and general management techniques.	TBD