

**PUBLIC MEETING FOR  
PROPOSED WATER SYSTEM IMPROVEMENTS PROJECT  
VILLAGE OF LA VALLE, WISCONSIN**

**MSA PROFESSIONAL SERVICES, INC.  
OCTOBER 12, 2020/6:30 P.M.**

**Need for Project**

Benzene detected in water from Well #1

Testing and public notification is ongoing quarterly

Well #1 is the only source of water for the Village

- Well #1 must be kept in service, preventing investigation and potential well reconstruction to address the problem
- Permanent treatment facilities at Well #1, and upgrade of the well and wellhouse to meet current Code requirements, would be very expensive and cannot be implemented without taking Well #1 out of service during the construction.

Development of a new well will provide a reliable source of good quality water

**Solutions**

**Temporary Water Treatment at Well #1**

- Granular activated carbon (GAC) is a “best available technology” for benzene removal
- Skid-mounted GAC vessels will be housed in a trailer adjacent to the wellhouse
- Water from Well #1 will be piped to the trailer for treatment, with piping to connect treated water back into well discharge pipe in the wellhouse
- GAC vessels will be backwashed to the sanitary sewer (estimated once per week)
- Temporary water treatment facilities require Wisconsin DNR approval
- Estimated cost: \$512,000 to be funded entirely by a grant from USDA Rural Development (USDA-RD)

**New Municipal Well #2**

- Well siting effort ongoing to locate a suitable site for a new municipal well.
- Test well will be constructed to verify quality and quantity of water available
- Well site, test well, final well, wellhouse and related facilities require Wisconsin DNR approval
- Estimated cost: \$1,554,000 to be funded by a \$933,000 grant and a \$621,000 loan from USDA Rural Development. Interest rate on loan is 1.125% fixed for the 40-year term of the loan.