



City of Faribault
Wellhead Protection Plan
2011 Implementation Items Summary

As part of the City's adopted Wellhead Protection Plan (WHPP) we must post a summary of the 2011 Implementation Measures and actions taken to achieve Plan goals. The following table shows implementation measure number, description and actions taken throughout the year.

Measure #	Measure Description	Actions Taken
2	Update City emergency response team/managers to incorporate DWSMA vulnerability into City's emergency response plan	Meeting/discussion on 8-10-11
3	Contact Railroads for incorporation of our DWSMA high vulnerable areas into their spill response procedures	Contacted and sent information to Union Pacific and Canadian Pacific RR
5	Compile and track levels of compounds and contaminants in public water supply and wells. Collected as part of the routine sampling as required by the Department of Health	Routine quarterly data collection
6	Inform first responders and Rice County emergency managers about City Emergency Response Area (ERA) and Inner Well Management Zone (IWMZ) and spill prevention and response	Meeting/discussion on 8-10-11
7	Formal separation distances for new and existing potential contamination sources from municipal wells	Meeting/discussion on 8-10-11 and incorporation into plan review process
8	Research well status for private wells located in the ERA/IWMZ.	Research completed – one private well located within the ERA
9	Check status of known leaking tank sites within the ERA/IWMZ. Check with MPCA for changes in leak site status and remedial actions taken	Contacted MPCA Remediation Program for tank site changes – no changes recorded
10	Monitor MnDOT gravel pit within the ERA for illegal dumping	Inspection completed on 10-28-11
11	Work with MDH to identify a site for a new community well.	No work done. Project has been delayed

Measure #	Measure Description	Actions Taken
12	Coordinate efforts with MN DNR Appropriations Program to identify proposed new, high-capacity wells in the DWSMA and/or significant changes to existing appropriation permits	No new high-capacity wells
13	Asses status of land use authority related to source water protection in areas of the DWSMA located outside of City limits	Meeting/discussion with Rice County on 8-10-11 – county planning and zoning forward land use changes to City for review
14	Include source water protection as part of the City's normal zoning and land use planning processes. Evaluate feasibility of Overlay Zoning District	Incorporate Source water protection during development review process – determined it is not feasible to set up an Overlay Zoning District
15	Research historical City high capacity wells and seal unused/abandoned wells. Historical well file received from MDH used as basis for research	Located historical City high capacity wells and developed sealing schedule based upon liability
16	Notify MDH if Class V injection wells have been found	None found
17	Promote any well sealing or cost sharing programs available through Rice County or MDH for sealing unused, poorly-maintained, damaged or abandoned private wells	Meeting/discussion with Rice County on 8-10-11 – availability of program to be determined
18	Research historical private high capacity wells and seal unused/abandoned wells. Historical well file received from MDH used as basis for research	Located all historical private high capacity wells from MDH historical well file
20	Query active vs. inactive potential contaminant sources from Potential Contaminant Source Inventory (PCSI) and create historical PCS file for record	Completed
21	Check status of known leaking tank sites within the DWSMA. Check with MPCA for changes in leak site status and remedial actions taken	Contacted MPCA Remediation Program for tank site changes – no changes recorded
22	Continue operation and maintenance activities pertaining to Inflow and Infiltration (I & I) of the sanitary sewer system. Priority will be given to problem areas within the ERA/IWMZ if found.	None found for 2011
23	Update PCSI database upon annexation of areas into the City. PCSI data gathered for areas of newly annexed properties shall consist of: <ol style="list-style-type: none"> 1. All PCS/Facility Codes in High Vulnerable area. 2. Properties containing Tanks and Wells in Moderately Vulnerable area. 3. Properties containing Wells in Low Vulnerable areas. 	Annexed Cedar Lake Electric and added to PCSI

Measure #	Measure Description	Actions Taken
24	Brochures or bill stuffers for owners or users of underground and aboveground storage tanks. Send materials regarding state and federal regulations and the importance of early leak detection of new and existing storage tanks. Includes mailings for septic system maintenance.	Brochures sent to 60 properties with aboveground (AST) and underground (UST) storage tanks Brochures included: <ul style="list-style-type: none"> - "General Requirements for AST" - "What Tank Owners Need to Know About the Underground Storage Tank Rules" - "Why Treat Sewage" – brochure sent to 136 properties
28	Mail MDH pamphlets and brochures related to operating and maintaining drinking water wells to all identified well owners located in the DWSMA. The MDH pamphlets and brochures will include: <ul style="list-style-type: none"> - Finding Lost Wells – Searching for Wells on a Property - Protecting Your Well - Sealing Unused Wells - Safe Clean Drinking Water - Available Across Minnesota. 	Brochures sent to properties with private wells. Quantity of sent brochures and subjects sent are as follows: <ul style="list-style-type: none"> - "Protecting Your Well" – 198 brochures sent - "Sealing Unused Wells" – 18 brochures sent - "Well Status Survey" – second effort sent to properties which didn't respond to the 2010 survey – 92 surveys sent
31	Distribute annual Consumer Confidence Water Quality Report to users of the public water supply	Completed
32	Prepare an annual summary of WHPP efforts for posting on City website	Completed

2012 Major Implementation Items

1. Work with MN Department of Health (MDH) to identify a site for a new community well. We may need to update the WHPP with addition of the new well to the distribution system.
2. Coordinate efforts with the DNR Appropriations Program to identify proposed new, high-capacity wells in the DWSMA, and/or significant changes to existing groundwater appropriation permits for existing high capacity wells.
3. Seal unused historical high-capacity wells. Planned for one well per DNR grant cycle.
4. Update PCSI database upon annexation of areas into the City.
5. Letters, brochures or other educational materials to metal working facilities located within the DWSMA and that the City's source water aquifer(s) are vulnerable to contamination from land surface activities.
6. Letters, brochures or other educational materials to facilities within the DWSMA that use, handle, store, generate, apply or sell large quantities of chemicals used for agricultural purposes (fertilizers, pesticides, herbicides, etc.).
7. Distribute the Consumer Confidence Water Quality Report.
8. Prepare an assessment of the WHPP Implementation efforts using MDH Wellhead Protection Program Evaluation form.

For more information regarding the City of Faribault's WHPP please visit the City website @ www.faribault.org City Departments, Public Works and Engineering, utilities division, water/sewer webpage.

Adam Kordiak
Water Quality Specialist