

City of Columbia Source Water Protection Action Plan

Priority	Action tem	Timeline	Status	Comments
	Task Force will submit Source Water Protection Plan to Water & Light Department Advisory Board and City Council.	2013	Complete April 2013	
	Task Force will submit Source Water Protection Plan to the Missouri Department of Natural Resources for its endorsement.	2013	Complete December 2013	
	Task Force will present the approved Source Water Protection Plan to the Boone County Local Emergency Planning Groups.	2013	Reported Complete March 2014	
	Task Force will arrange for the mailing of source water protection information to businesses located in the Missouri Department of Natural Resource's delineation areas for the Columbia water operation. Business operations include garages, car and truck dealers, chemical storage areas, shopping malls, chemical sales dealers, and funeral homes.	2013 - 2014	Reported Complete March 2017	
	Task Force will provide source water protection information to landowners in the McBaine Bottoms and will encourage them to work with the City of Columbia in protecting the quality of our water.	2012-2013	Reported Complete March 2014	
	Task Force will arrange for the mailing of an informational source water protection brochure, via a bill insert, to all City of Columbia customers.	2013 - 2014	Incomplete	
	Task Force, along with the Columbia Water & Light Department staff, will provide a plan of action for all the old deep wells referenced in the Section 3 of this report. The plan of action will examine the possibility of renovating at least two of the old deep wells for use as additional aquifer and storage wells. Consideration will also be given to the possibility of well renovation and water use for non-drinking purposes such as irrigation and	W&L Budgeting & Scheduling item	Reported Complete March 2017	

	street washing.			
	Task Force will work with W&L staff in making a decision about the future plans for the Crump well, Oakview well, Harvester Well, Brown Station School Road well.	W&L Budgeting & Scheduling tem	Reported Complete March 2014	
	Task Force will work with W&L staff in making plans for the capping, plugging, removal, or renovation of all old deep wells and water district wells.	W&L Budgeting & Scheduling item	Reported Complete March 2017	
	Task Force will assist W&L staff in assuring that old deep well #4 at the City power plant and the two storage reservoirs meet all Department of Natural standards for source water protection, even though the operation is not connected to the City's water distribution system.	2013 - 2014	Reported Complete March 2017	
	Task Force and the Water & Light Department will develop a program that deals Fencing/access control around supply wells; signage indicating possible fines for tampering; County ordinances regarding chemical application; diligent maintenance and inspection of wetland cells; testing of nearby monitoring wells; and modification of City wetlands operation protocols.	W&L Budgeting & Scheduling item	On Going	
	Task Force and the Water & Light Department will post informational signs at the borders of the wellhead protection area in McBaine , at the two aquifer-storage and recovery wells, at all the old deep well sites, and old water district sites.	2013 - 2014	Reported Complete March 2014	
	Task Force will work the Water & Light Department's staff for a program to sample all McBaine Bottom wells for chloride and total coliforms on a monthly basis.	2013	Reported Complete March 2014	
	Task Force will contact the Southern Star Central Gas Pipe Line Company and the Magellan Pipe Line Company about the	2013 - 2014	Reported Complete March 2014	

	importance of source water protection in the McBaine bottoms and emergency reporting procedures in the event of a leak in either of their pipelines in the McBaine Bottoms.			
	Task Force will continue to encourage neighboring water districts and other water providers in the City of Columbia to develop a regional source water protection plan. On-going.	On-going	On-going	
	Task Force will examine already existing ordinances and regulations governing operations and businesses that have the potential to contaminate aquifers and make decisions about the need for additional rules and guidelines.	2013 - 2014	Reported Complete March 2017	
	Task Force will pursue an opportunity to educate children on the importance of source water protection. The Task Force will offer to assist the Missouri Department of Natural Resources and organizations such as the Missouri Water and Wastewater Conference, the Mo. Section American Water Works Association, and the Missouri Rural Water Association in any education projects these groups might be planning for community education.	2013 - 2014	Reported Complete March 2017	
	Task Force will develop public education material and PowerPoint presentations on the importance of source water protection.	2013 - 2014	Reported Complete March 2017	
	SWPP will be updated annually by the Task Force and made available to the Missouri Department of Natural Resources every four years or as necessary.	On-going	Reported Complete March 2017	