

PSOC's and/or Issues of Concern	Best Management Practices	Partners
Transportation Spills / Roads	<ol style="list-style-type: none"> 1. The District has acquired Lot 19 and are making improvements to minimize risk to their source waters. These improvements include dirt berms along the parcel boundary and re-contouring the area to make it impractical to park on the lot as well as to divert stormwater away from Thompson Creek and the nearby settling pond. 2. Work with the owner of Lot 18 to implement agreed upon source water protection measures. 3. Install "Source Water Protection Area" signs at strategic locations throughout source water protection area. 4. Develop an Emergency Notification Card and distribute. 5. Share shapefiles of the source water protection areas with Emergency Responders and CDOT to be overlaid on their spill response maps. 6. Maintain (update annually) contact information with Emergency Responders and CDOT to improve notification of spill response activities. 	<ol style="list-style-type: none"> 1. TMWSD 2. TMWSD 3. TMWSD 4. TMWSD 5. TMWSD 6. TMWSD
Industrial Activity	<ol style="list-style-type: none"> 1. Meet with various industrial and commercial entities within SWPA to raise awareness about source water protection and to distribute Emergency Notification Cards. 2. Work with the local industrial and commercial entities as well as the Local Emergency Planning Committee to inventory potential contaminants stored onsite. 3. Purchase and distribute spill response kits to industries and activities that are not under regulation. 	<ol style="list-style-type: none"> 1. TMWSD 2. TMWSD 3. TMWSD
Golf Course Operations and Onsite Septic System	<ol style="list-style-type: none"> 1. Meet with golf course administrative staff to raise awareness about source water protection and distribute Emergency Notification Cards. 2. Work with the local industrial and commercial entities as well as the Local Emergency Planning Committee to inventory potential contaminants stored onsite. 3. See what Scott can suggest. 	<ol style="list-style-type: none"> 1. TMWSD 2. TMWSD
Contamination of Pole Creek and Roberts Pond	<ol style="list-style-type: none"> 1. Install "Source Water Protection Area" signs at strategic locations near Pole Creek and Roberts Pond. 2. Remain vigilant to recognize if/when a contamination occurs and follow up as needed. 	<ol style="list-style-type: none"> 1. TMWSD 2. TMWSD
Security/Vandalism	<ol style="list-style-type: none"> 1. Construct fencing around the wells that are not currently secured. 2. Continue to rely on existing measures (locked well heads and fencing) around wells to prevent vandalism/tampering. 3. Remain vigilant to recognize if/when vandalism/tampering occurs. 	<ol style="list-style-type: none"> 1. TMWSD 2. TMWSD 3. TMWSD

	<ol style="list-style-type: none"> 4. Install Drinking Water Protection Area signs at strategic locations throughout source water protection area. 5. Share Source Water Protection Plan with the County Sheriff and enlist their support for regular patrol of area. 	<ol style="list-style-type: none"> 4. TMWSD 5. TMWSD
Residential Septic Systems	<ol style="list-style-type: none"> 1. Provide property owners with septic systems within the source water protection area BMP educational material. Information provided will include: the proper use and maintenance of their septic systems, how to proceed in the event of a septic system failures, and how the source of their drinking water can be affected by an inadequate functioning septic system. 	<ol style="list-style-type: none"> 1. TMWSD
Pesticide Application (County and Private Weed Management)	<ol style="list-style-type: none"> 1. Share maps and shapefiles of well/intake locations and source water protection areas to allow the Grand County Department of Natural Resources to effectively protect them. 2. Maintain a current contact list between TMWSD and the Grand County Department of Natural Resources and the Pole Creek Valley Owners Association licensed applicators. 3. Coordinate with the Grand County Weed Management Program on education and outreach opportunities within the community. 	<ol style="list-style-type: none"> 1. TMWSD 2. TMWSD 3. TMWSD
Commercial Development	<ol style="list-style-type: none"> 1. Acquisition of Lot 19 and improvements being made – berm to divert stormwater drainage away from Thompson Creek and the settling pond. 2. Share a copy of the final Source Water Protection Plan and shapefiles with the County Planning Department and with homeowners associations within the Pole Creek Valley subdivision encourage them to consider source water protection in their review process. 	<ol style="list-style-type: none"> 1. TMWSD 2. TMWSD
Road Maintenance	<ol style="list-style-type: none"> 1. Meet with CDOT and the County Transportation Department to provide them with an Emergency Notification Card along with GIS shapefiles. Encourage them to continue the use of their road Best Management Practices to prevent road materials from entering the source waters. Recommendations for application of road deicing and dust abatement materials include: <ul style="list-style-type: none"> • applying minimum amounts necessary; • apply only when removal of snow and ice cannot be accomplished by blading, plowing or sanding; • minimize use of chemicals in and adjacent to streams, aquifers, and flood prone areas; and • avoid dumping or storing chemically treated or sanded snow where it can melt and infiltrate groundwater or flow into surface waters. 2. Install “Source Water Protection Area” signage at strategic locations throughout SWPA. 	<ol style="list-style-type: none"> 1. TMWSD 2. TMWSD
Residential Practices	<ol style="list-style-type: none"> 1. Conduct public education and outreach programs for landowners/homeowners in the source water protection area to report issues and to encourage practices that will protect their drinking water source from potential contamination. This could include the installation of 	<ol style="list-style-type: none"> 1. TMWSD

	signs at strategic locations throughout the source water protection area, water bill inserts, public presentations, etc.	
Electrical Distribution System and Mettler Substation (oil filled transformers)	1. Meet with Mountain Parks Electric to raise awareness about source water protection and to distribute Emergency Notification Cards.	1. TMWSD
Agriculture	1. Identify and develop relationships with agricultural landowners within the source water protection area and encourage them to practice stewardship of their lands, using only the recommended amounts of pesticides and fertilizers. 2. Work with the local NRCS Field Office, local conservation districts, and the local Colorado State University Extension office on public education campaigns on subjects such as grazing management, manure management, irrigation practices, chemical application, animal rendering, and chemical use and. Request their services in conducting site visits to landowners (upon request by the landowner) within the SWPA to evaluate practices and provide recommendations. Provide these agencies with a copy of the plan and GIS shapefiles of the SWPA.	1. TMWSD 2. TMWSD
Sewerage Systems	1. Work with the local Sewerage Systems to ensure that lines of communication are open and that contact info is updated regularly. 2. Share maps and shapefiles of the source water protection area with all local sewerage systems.	1. TMWSD 2. TMWSD
Wildfire	1. Share maps, GIS shapefiles, and Emergency Notification Cards with the USFS and the East Grand Fire Protection District and coordinate with them on fuels reduction opportunities and integration with the Community Wildfire Protection Plan. 2. Share TMWSD system information with the East Grand Fire Protection District and USFS to inform fire suppression efforts.	1. TMWSD 2. TMWSD
Annual Review	1. Complete annual review of the Source Water Protection Plan (or sooner if needed) and an update of emergency contacts, water system maps and contacts on file with the Emergency Dispatch, and emergency response plans.	1. TMWSD