# Potential Tools to Address Water Availability in Spokane County

| Tools | | Criteria Addressed | | | |
|---|---|---|---|---|---|
| ***Tools for Individual Sites*** | | **Current Water Availability** | **Impacts to Adjacent Users** | **Impacts to Surface Water** | **Long term Aquifer Sustainability** |
| **Geographic Zones** | *Create geographic boundaries for areas of water availability concern and require more rigorous testing and reporting requirements* | X | X | X | X |
| **Reporting Requirements** | *Require more detailed reports from applicants* | X | X | | |
| **Testing Procedures** | *Require additional data collection methods, such as a longer pump test, use of more than one well, etc.* | X | X | | |
| **County Analysis of Reports** | *Develop analysis techniques that will better assess reported results* | X | X | X | |
| **Water Availability Standard** | *Revise the current standard (1 gpm as demonstrated through a 4 hour pump test) for water availability determinations* | X | | | |
| ***Additional Tools for Multiple Sites/Subdivisions*** | | | | | |
| **Project/Site Description** | *Gather information about project location related to water supply, such as distance to surface water, sub-basin, proximity to other wells, etc.* | | X | X | |
| **Hydrogeologic Characterization** | *Gather and report information such as aquifer description, depth to ground water, geologic formation, etc.* | X | X | X | |
| **Analysis & Conclusion by Professional** | *Provide analysis and a statement of water availability (based on established criteria) by professional such as a Professional Engineer or a Registered Hydrogeologist* | X | X | X | |
| ***Would the combination of all tools adequately address criteria?*** | | Yes | Yes | No | No |
| ***Sub-Basin or Regional Tools*** | | | | | |
| **Groundwater Monitoring** | *Expand groundwater monitoring to determine changes in water levels and evaluate correlations with increased withdrawals.* | | | X | X |
| **Hydro-Geologic Characterizations** | *Complete additional hydro-geo characterizations in sub-basins to better understand aquifer conditions and connections to surface water.* | X | X | X | X |
| ***Would the addition of these regional tools address criteria?*** | | NA | NA | Yes | Yes |