

## **Sec. 4.4 -WSPO, Watersource Protection Overlay District**

### **4.4.1 Purpose**

The -WSPO, Watersource Protection Overlay District is to protect ground water and the recharge basin for current and future public, culinary water supplies in Grand County. To this end, the -WSPO district may be applied to recharge areas designated according to U.S. EPA Sole Source Aquifer recharge area and approved by the Utah Division of Drinking Water. The map has received technical review by the U.S. EPA and the USGS, and is recognized as reasonably describing the recharge area of our Sole Source Aquifer -- the area which needs special protection because of the importance of this culinary source [Notice of Final Determination published in the Federal Register, January 7, 2002, Volume 67(4), pages 736-738]. Land uses within the -WSPO district are strictly limited and subject to conditions designed to prevent chemical or pathogen contamination of culinary water supplies.

### **4.4.2 .Allowed Uses**

Uses are allowed in the -WSPO district shall be as specified in the underlying base district; provided that uses constituting pollution sources, as defined under the Rules of the Drinking Water Division of the State of Utah, are not allowed within the -WSPO district.

### **4.4.3 Lot Design Standards**

All development in the -WSPO district shall comply with the Lot Design Standards of the underlying zoning district; provided that the density of uses may be further limited as necessary to protect culinary water supplies from chemical and/or pathogenic contamination, and to ensure compliance with the Drinking Water Source Protection Rules of the Drinking Water Division of the State of Utah.

### **4.4.4 District Standards**

All principal and accessory structures shall comply with the following requirements:

- A.** A hydrological study may be required as a condition of any land use and/or development approvals, where such land use and/or development could reasonable harm culinary water supplies;
- B.** Animals and animal units may be restricted or prohibited in the -WSPO district as necessary to protect the underlying aquifer and to ensure compliance with the Drinking Water Source Protection Rules of the Drinking Water Division of the State of Utah; animal feeding operations exceeding one animal unit per 10 acres are prohibited;
- C.** All development shall be setback at least 100 feet from springs, streams and major drainage ways;
- D.** No onsite wastewater disposal systems (i.e., septic systems) or wells shall be permitted, unless the applicant demonstrates to the satisfaction of the County that the risks to water quality are reasonably mitigated;
- E.** No underground storage tanks used to store hazardous substances [??INSERTCITATION??] shall be permitted;
- F.** All sewer mains and service lines shall be constructed in accordance with State of Utah, Division of Drinking Water Rule R309-515-6(4); all sewer mains shall be accepted by the applicable service provider for ongoing operation and maintenance;
- G.** All stormwater runoff from developed roads and lots shall receive water quality treatment prior to entering the stormwater system; provision shall be made for the ongoing maintenance and repair of all stormwater facilities be stipulated;
- H.** Development in the -WSPO district shall be subject to the County approval of a site specific construction practices plan that addresses such items as spill mitigations, handling of equipment lubricants and fuels, construction trash collection, etc.;
- I.** Construction plans shall include a construction stormwater pollution prevention plan that addresses temporary controls to be employed during construction activities; and

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- J.** Protective covenants be adopted that serve to discourage the use of household herbicides, pesticides, and fertilizers with an explanation about watersource protection.
- K.** Additional conditions may be established at the time of development approval as necessary to accomplish the purposes of the –WSPO district.