

Chapter 17.25: Aquifer/Wellhead Protection (AP) Combining District

§17.25.010. Purpose

The Aquifer/Wellhead Protection (AP) combining district is intended to provide additional development standards to protect the health, safety, and welfare of the citizens and businesses of Logan through increased water quality protection.

§17.25.020. Introduction

In accordance with Utah State Regulations R309-113 the following areas have been delineated to protect the City's drinking water supply at all wells:

- A. Accident Prevention Zone. This is the zone within a 100' radius of the wellhead.
- B. Attenuation Zone. This is an area in which the use and spread of pathogens and hazardous materials must be reduced so as to reduce the potential of these contaminants reaching the wellhead or contaminating the aquifer. All areas in the City limits are in the Attenuation Zone.

§17.25.030. Accident Prevention Zone

- A. No potential Contaminants within 100' of a City Well

There shall be no potential contaminants or activities within a 100' radius of each well within the City that may potentially cause contamination to the well. The following are expressly prohibited within the accident prevention zone.

1. Herbicides and pesticides.
2. Fertilizers both commercial and organic.
3. Erosion either within the zone or passing through the zone.
4. Building except those buildings built expressly for the operation of the well.
5. Construction of public utilities or easements for the construction of public utilities.

- B. Existing Well Contamination Sources

Existing wells have potential contamination sources within the Accident Prevention Zone. To the extent possible extra care shall be taken to avoid contamination from these sources and to remove these pollution sources where feasible.

§17.25.040. Attenuation Zone

- A. Practices Prohibited Within the Attenuation Zone

All potential pollutants within this zone must be reduced to levels below maximum contaminant levels before the contaminants reach the groundwater. The following practices are expressly prohibited in the Attenuation Zone:

1. Using herbicides and pesticides in excess of the manufacturer's recommendations;
2. Application of fertilizers in excess of the manufacturer's recommendations or in excess of the nutrient level need for the plant fertilized for the average growing season;
3. Disposal of hazardous waste directly on the ground;
4. Septic tanks;
5. Improper and unregulated underground storage;
6. Class V underground injection wells;
7. Manure piles;
8. Uncontrolled salt piles;
9. Privies;
10. Animal feeding operations that do not contain the waste for more than ten animals.