

TECHNICAL MEMORANDUM



Date: September 22, 2021
To: Dan Carlson, Director of Kittitas
County Community Development Services
From: Clover McIngalls, Environmental Planner
Dan Nickel, Environmental Engineer
Project Name: Kittitas CAO Update
Project Number: 181229

Subject: Critical Aquifer Recharge Area Remapping

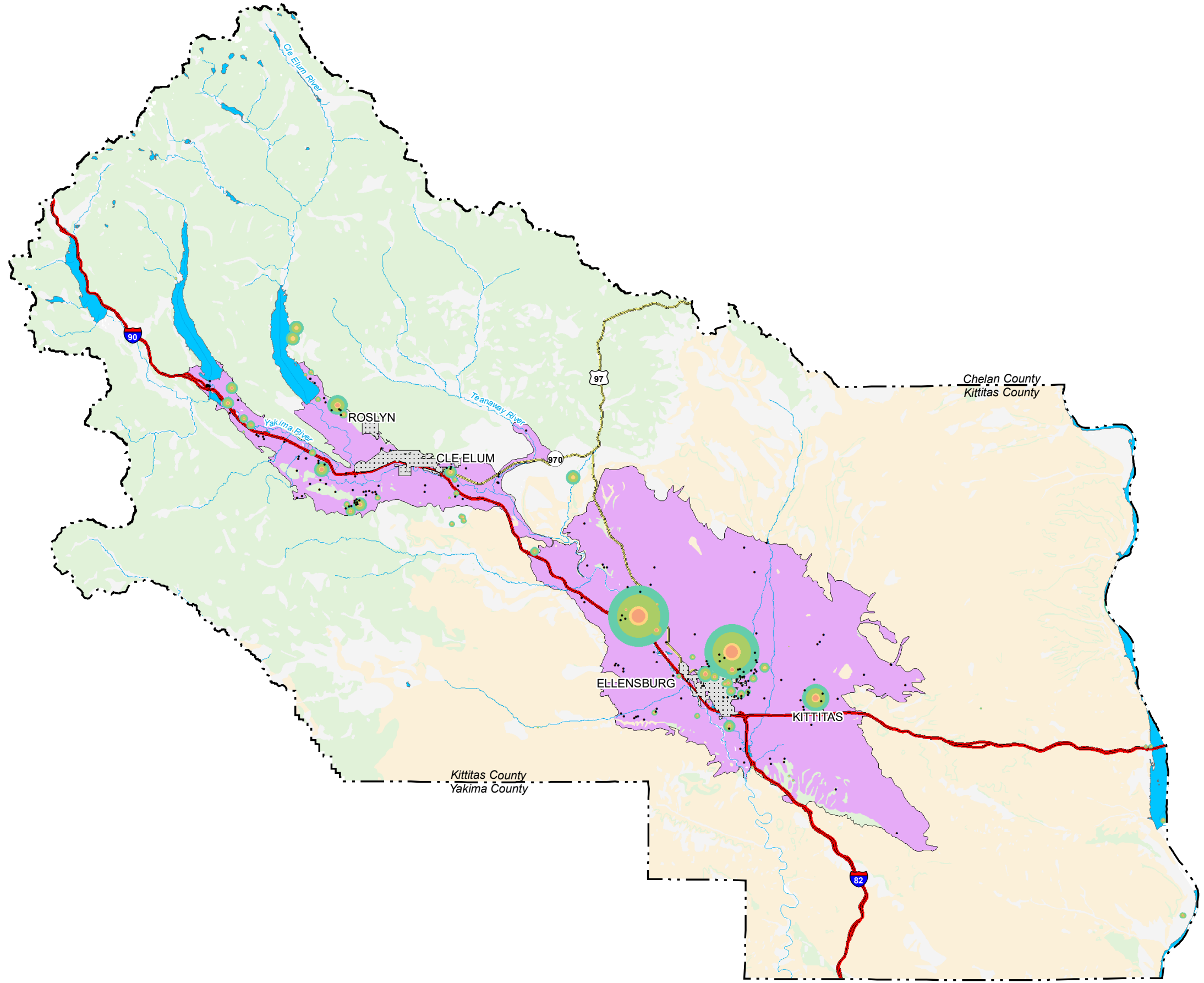
The purpose of this memorandum is to supplement the May 2020 memorandum by the Watershed Company that provided recommendations for map revisions to the Kittitas County Critical Areas Ordinance Critical Aquifer Recharge Areas (CARA) maps.

The 2020 memo documented the delineation of a CARA consisting of the unconsolidated deposits within the Kittitas and Roslyn basins, as depicted by the purple area in Figure 5 of the memo. As documented in the memo, the delineation was for Group B public drinking water supply systems.

After further coordination with the WA Department of Health (DOH), updates have been made to the map to clarify the inclusion of Group A wellhead protection areas as additional CARAs. The resulting final proposed CARA map, dated September 22, 2021, is attached.

It is recommended that all projects proposing uses listed in KCC 17A.03.030 that are within the unconsolidated deposits within the Kittitas and Roslyn basins, or within a Group A wellhead protection area be reviewed for potential hazards to groundwater.

Kittitas County Critical Areas Ordinance Critical Aquifer Recharge Areas



Legend

- Kittitas County Boundary
- City Limits
- Interstate
- Principal
- SMA Streams
- SMA Lakes
- Basins

Surficial Hydrogeologic Unit

- Columbia River Basalts
- Older Bedrock
- Unconsolidated Deposit
- Unconsolidated Deposit Within Kittitas & Roslyn Basins

Group A Wellhead Protection Areas

- 6 Month Time of Travel
- 1 Year Time of Travel
- 5 Year Time of Travel
- 10 Year Time of Travel
- Group B Wellheads

Areas within the unconsolidated deposit within Kittitas and Roslyn basins and all Group A wellhead protection areas are designated CARAs per KCC Title 17A

