



Chad Allen, P.E. has more than fifteen years of civil engineering and land surveying experience in both Western and Eastern Washington and is also a Principal of **Encompass Engineering & Surveying**. He has participated and managed the designs of residential and commercial developments including roadway design, water and sewer design, grading and storm drainage design, detention and water quality design, and the preparation of Technical Information Reports. In addition, Mr. Allen represents several water Districts and private water systems as the System Engineer. As System Engineer, he is responsible for the preparation of Comprehensive Water Plans, design of capital improvement projects, preparation of contract documents, and funding applications for capital improvement projects. Mr. Allen also provides peer review services for numerous King County projects.

In his position as principal, Mr. Allen manages **Encompass's** Western Washington office and is responsible for overseeing large comprehensive engineering projects. With the complexity of the projects, he has been instrumental in managing, organizing, and coordinating with sub-consultants and governing agencies to meet the needs of our clients.

Mr. Allen's recent project experience includes overseeing capital improvement projects from obtaining funding to final construction documentation for Fall City Water District, Sun Country Maintenance Association, Kittitas County Water District #2, and Easton Water District, in addition to the many designs for private commercial and residential developers in Washington State. Mr. Allen and **Encompass** also have a great deal of involvement in the local community and organizations such as Issaquah Chamber of Commerce and Kiwanis.



Representative Project Examples

Fall City Water District (Fall City) - District Engineer for Fall City Water District. Responsibilities for this Class A water system serving over 1,000 connections included future water system planning, grant and loan application assistance, project cost estimating, permit acquisition, prepare an updated comprehensive water plan in accordance with the Washington State Department of Health requirements, and the design of capital improvement projects.

Peer Reviews and TIR's (King County) - Providing peer reviews of construction plans and Technical Information Reports for numerous Plats and Short Plats.

Lakeshore Estates (Ellensburg) - Grading, drainage, utility, and public and private street design, realignment of 2,010 lineal feet of existing public roads with a new connection to 3,220 lineal feet of proposed road. Preparation of SWPPP documentation, assisting in FEMA documentation and assisted in SEPA checklist preparation for a 324 Unit Multi-Family Planned Unit Development within the City of Ellensburg.

Berilla Plat (Enumclaw) - Provided preliminary plat and rezone preparation and preliminary engineering including grading and drainage, sanitary sewer, water and storm drainage preliminary design, and preliminary TIR for this 46-lot plat.

Sun Country Estates Water System Replacement project Grant Acquisition and Design (Cle Elum) - System Engineer for all water improvements since 2006 for Sun Country Estates Class A water system. Provided design, small system management plan, project management and design of Replacement Water System, and obtaining funding from Drinking Water State Revolving Funds for the Replacement Water System serving 165 active connections and 300 future connections on a 250 acre project site. Provided construction documents, consisting of plans and specifications, to replace 3 miles of new watermain, booster station design, and storage facility design.

City Heights Master Planned Community (Cle Elum) - Provided extensive water system analysis and coordination with existing City of Cle Elum water system and master planning for this 985-dwelling unit development located on Cle Elum Ridge.

Kittitas County Water Districts (KCWD) (Kittitas County) - District Engineer for numerous Kittitas County Water Districts, such as KCWD #2, KCWD #3, and KCWD #5. Responsibilities for these Class A water systems serving approximately 750 connections included future water system planning, grant and loan application assistance, project cost estimating, permit acquisition, preparation of an updated comprehensive water plan in accordance with the Washington State Department of Health requirements, and the design of capital improvement projects. Also responsible for the design of a 130,000 gallon replacement reservoir in compliance with Water Use Efficiency Regulations.

Education

B.S., 1997, Civil Engineering, University of Idaho

Registration

P.E., 2001, State of Washington

Affiliations

American Society of Civil Engineers