

**From:** [White, Lori \(ECY\)](#)  
**To:** [Kelly Bacon \(CD\)](#)  
**Subject:** Sweetwater site visit  
**Date:** Wednesday, July 14, 2021 10:18:42 AM  
**Attachments:** [image001.png](#)

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Good Morning Kelly,

Thank you for attending and arranging the site visit yesterday, July 13, 2021. While onsite we talked with the applicant and their agent. The agent discussed plan changes including the removal of parking lot B, which was located in an area of concern. Due to the time of the year, the site investigation focused primarily on the presence of hydric soils.

Ecology was present to review areas of interest, as a result of the review of Ed Sewall's 2019 wetland delineation. Four areas were outlined for review. Soil pits were dug in three of the four locations. Shovel refusal occurred at location 2 due to soil compaction (likely due to livestock) and cobbles. Each of the areas are detailed below and shown in the below map:

Area 1- Is located between Naneum Creek's riparian habitat and that of the nearby irrigation ditch, approximately within 100 feet of Naneum Creek. A small depression was noted in this area. Vegetation included horsetail, cottonwood seedlings, rush species, and various grasses. A dry, sandy loam substrate characterized by 10 YR 3/3 Munsell soil colors occurred in the top 8 inches of the soil profiles. Soil color changed below 8 inches and some redox was noted (~3%). Did not meet hydric soil indicators. Water is likely not staying in place long enough.

Area 2- Is located about 330 ft south of Area 1, near a large pine tree. Rush and various grass species were noted in this area. Soils were not able to be categorized due to shovel refusal.

Area 3- Is located approximately 100 feet south of Area 2, near Charlton Road. The area largely consisted of rush and various grasses. Soil was characterized as moist with the top 3 inches consisting of numerous fine roots and a 10YR 3/3 soil color. Soil below 3 inches had a color of 10YR 3/2 and prominent redoximorphic features consisting of at least 5%. The soil did meet hydric soil indicator F6.

Area 4- Is located west of the Irrigation Ditch in a small grove willows. Understory within the willows included upland species of snowberry, golden current, and rose species. Soil in this area was dry and characterized as 10YR 2/2 with no redoximorphic features noted.

Based on the information above, Area 3 should be further investigated for additional wetland characteristics. It would be in the applicant's best interest to have Mr. Sewall revisit the site and further investigate the areas mentioned for the three required wetland characteristics (hydrophytic vegetation, hydrology, hydric soils). Please note that several of the areas of interest are located within 200 feet of Naneum Creek (the OHWM was not determined nor were measurements taken onsite. Estimated on aerial images).

Please contact me with any questions you may have or if you would like to discuss the above comments. Thank you,



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