

DRAFT

Map 13: Urban Area Septic System Analysis Surface Water Risk Categories - Neighborhoods

Surface Water & Density Overall Score

- No Septic Parcels Reported

1 - Low Density

2 - Low + 1 Risk Category OR Medium

3 - Low + 2 Risk Categories OR Medium + 1 Risk Category OR High
- 4 - Medium + 2 Risk Categories OR High + 1 Risk Category OR Very High

5 - High + 2 Risk Categories OR Very High + 1 Risk Category

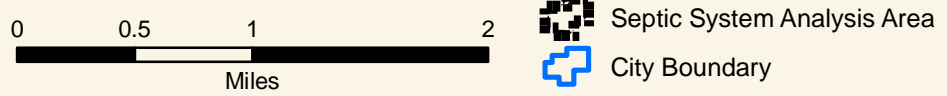
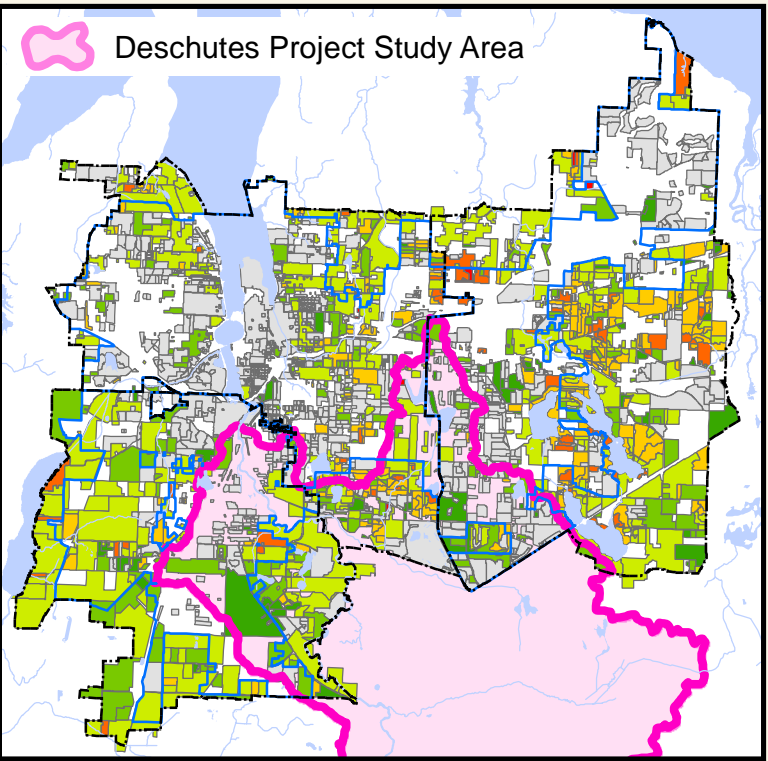
6 - Very High + 2 Risk Categories

Surface Water Criteria
Proximity to Water defined as -
Within 100 feet of lake, stream, wetland, or mapped stormwater drainage feature connected to surface water

Soils Criteria -
Soil hydrologic groups C and D (Impermeable soils)
Soil hydrologic groups A&B with water table less than 6 feet below surface

Neighborhood Density Calculation Method

1. Identified parcel served by septic systems based on city and county data and inventories.
2. Assigned number of residential units or equivalent residential units (ERUs) to each septic parcel based on land use codes (single family, commercial, multi-family) and county permit records. For non-residential parcels, an ERU is defined as 450 gallons per day of sewage.
3. Grouped individual parcels into neighborhoods based on subdivision plats and phases of subdivisions, or lots in an area with similar characteristics
4. Used total number of ERUs within a neighborhood divided by total acres within the neighborhood to calculate density, as ERUs/acre.
5. Assigned each neighborhood a density score of 1 through 4, based on the calculated ERUs per acre.



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Map Created by kah on 3/26/2015