

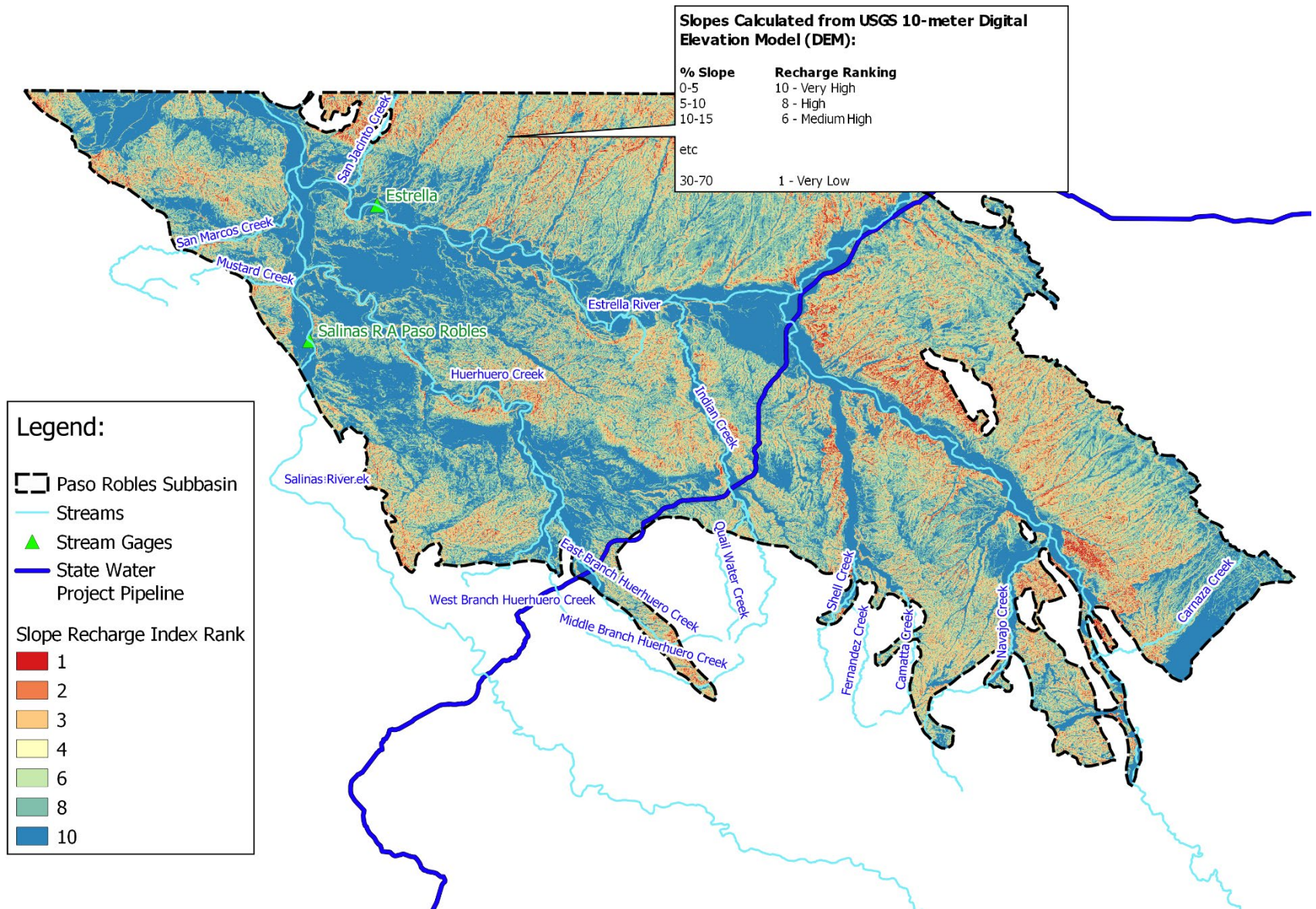
Paso Robles Basin Flood Water Capture Feasibility Study

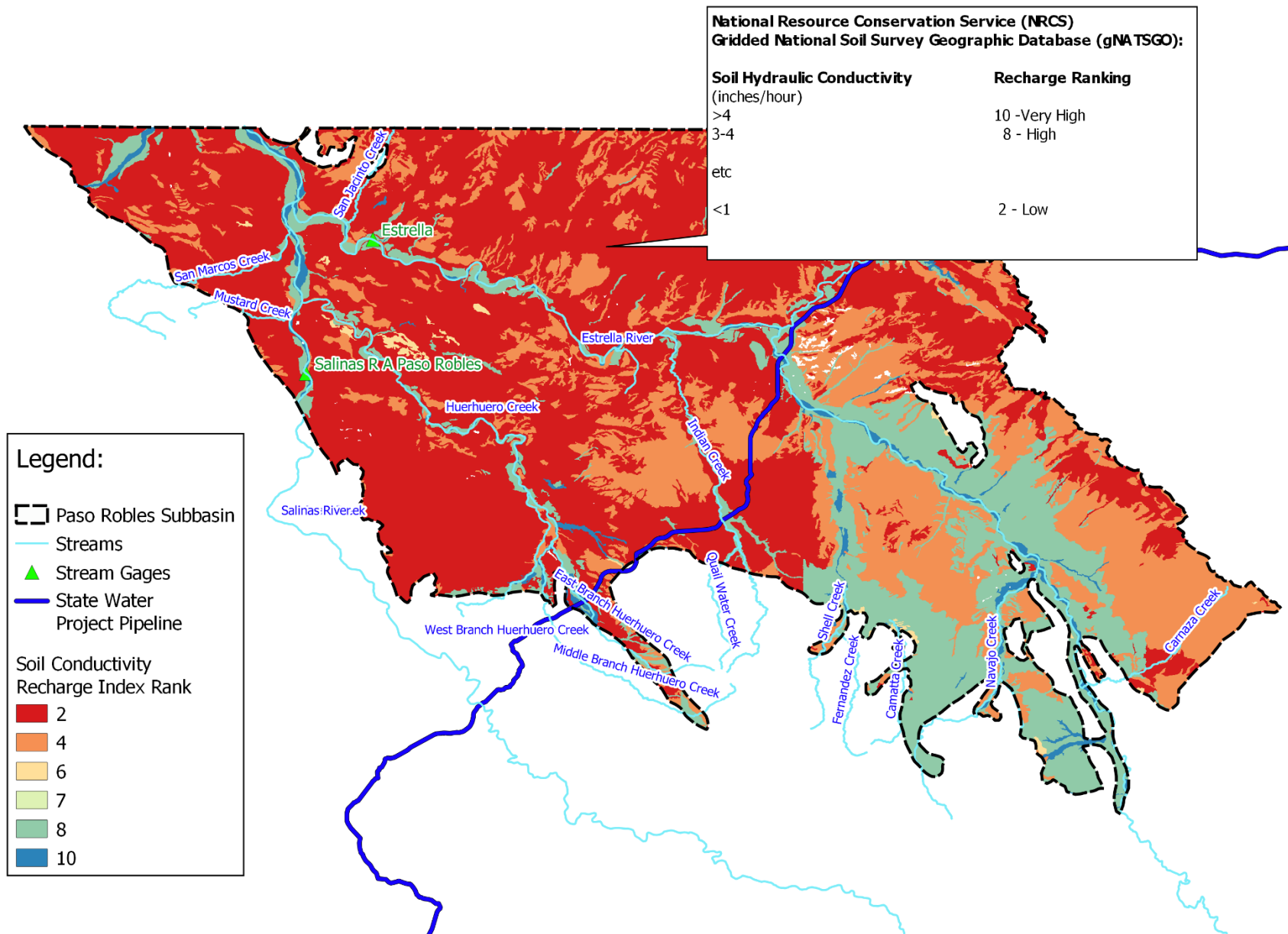
Update for Task 1 and Task 2

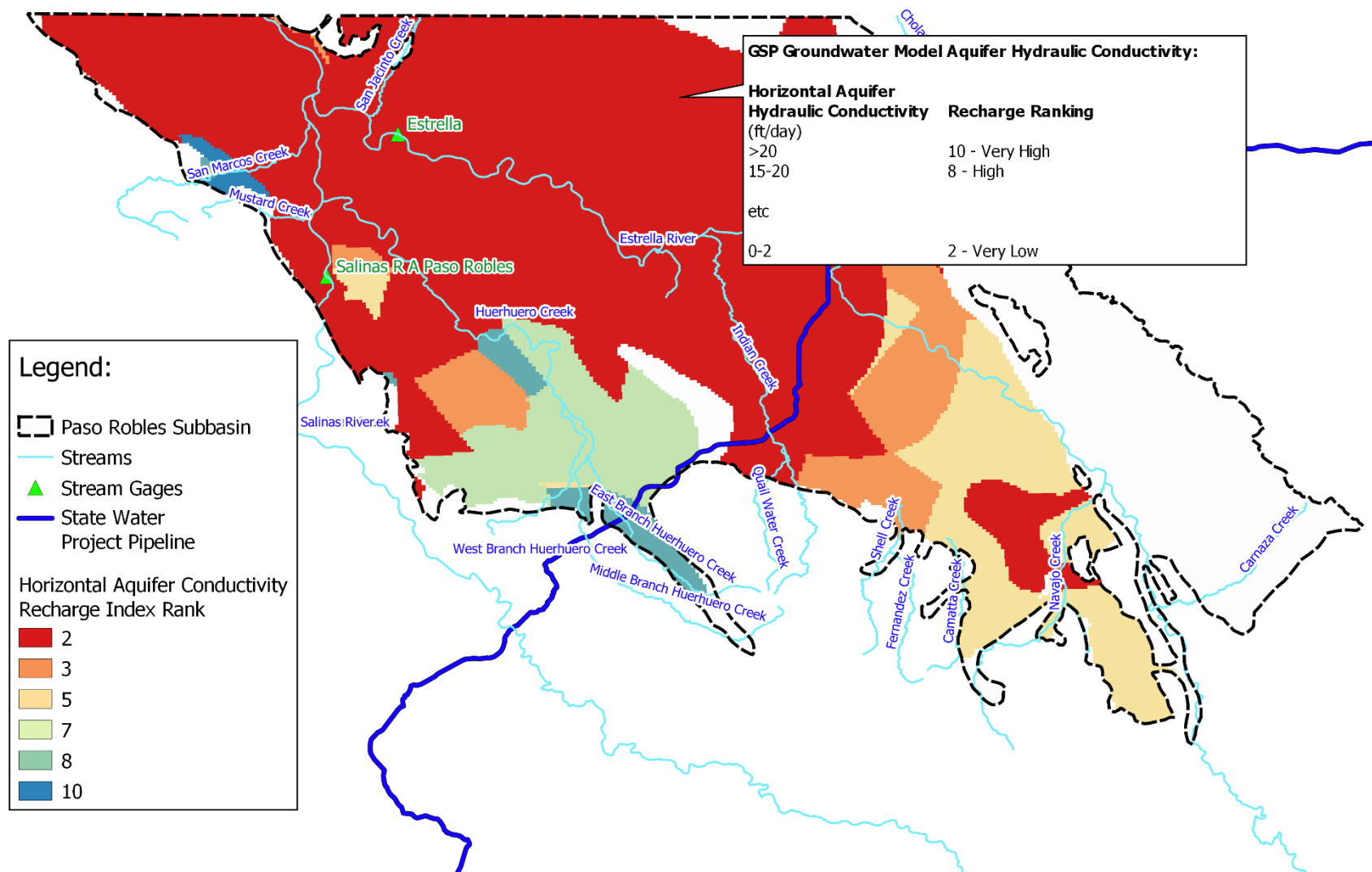
Feasibility Study Objective:

Locate Optimum Stormwater Recharge Areas

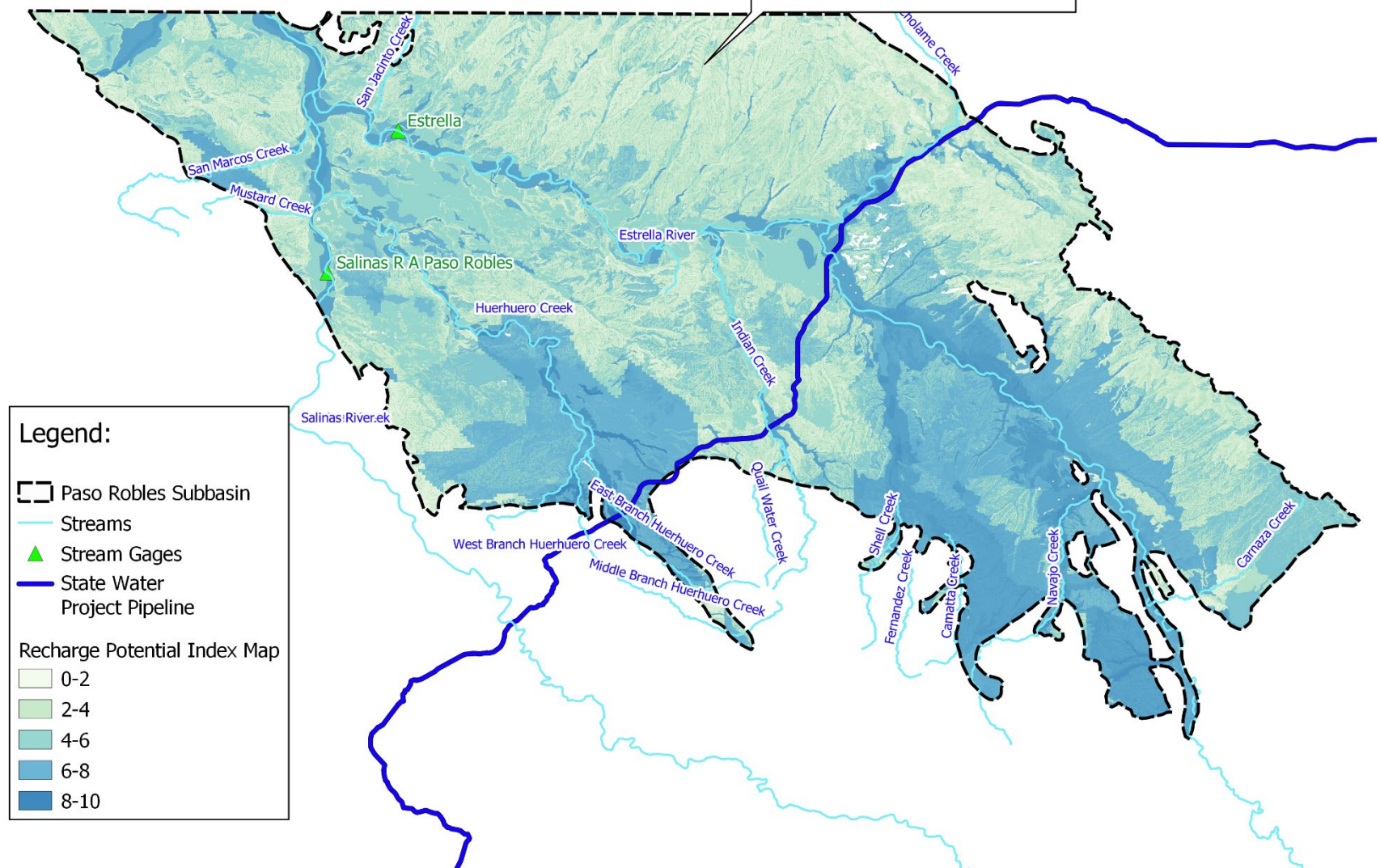
- Task 1: Identify Optimum Stormwater Recharge Areas
- Task 2: Quantify Capturable Stormwater







Recharge Potential Index Map:
 Slope Weight = 20%
 Soil Hydraulic Conductivity = 50%
 Aquifer Hydraulic Conductivity = 30%



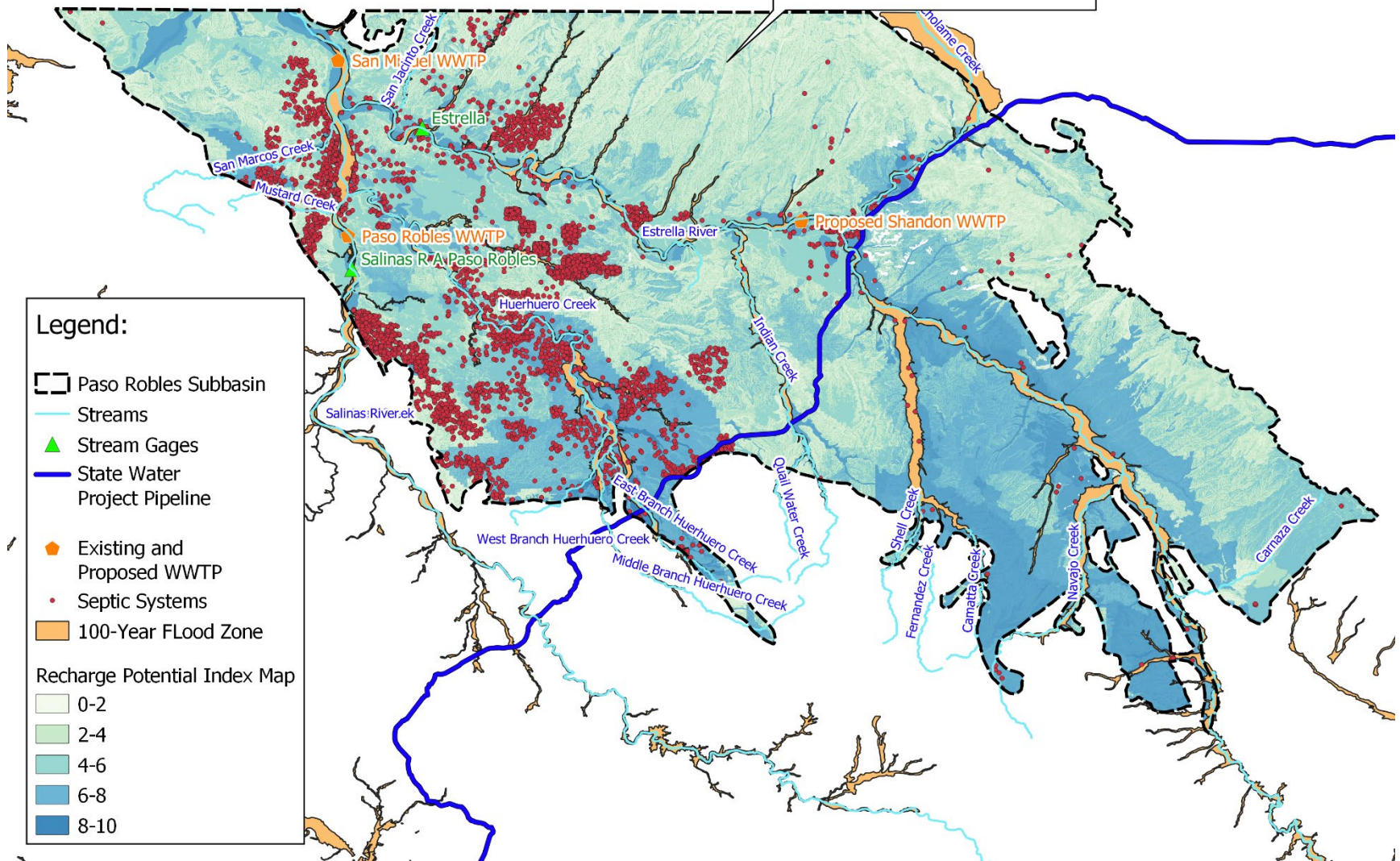
Legend:

- Paso Robles Subbasin
- Streams
- ▲ Stream Gages
- State Water Project Pipeline

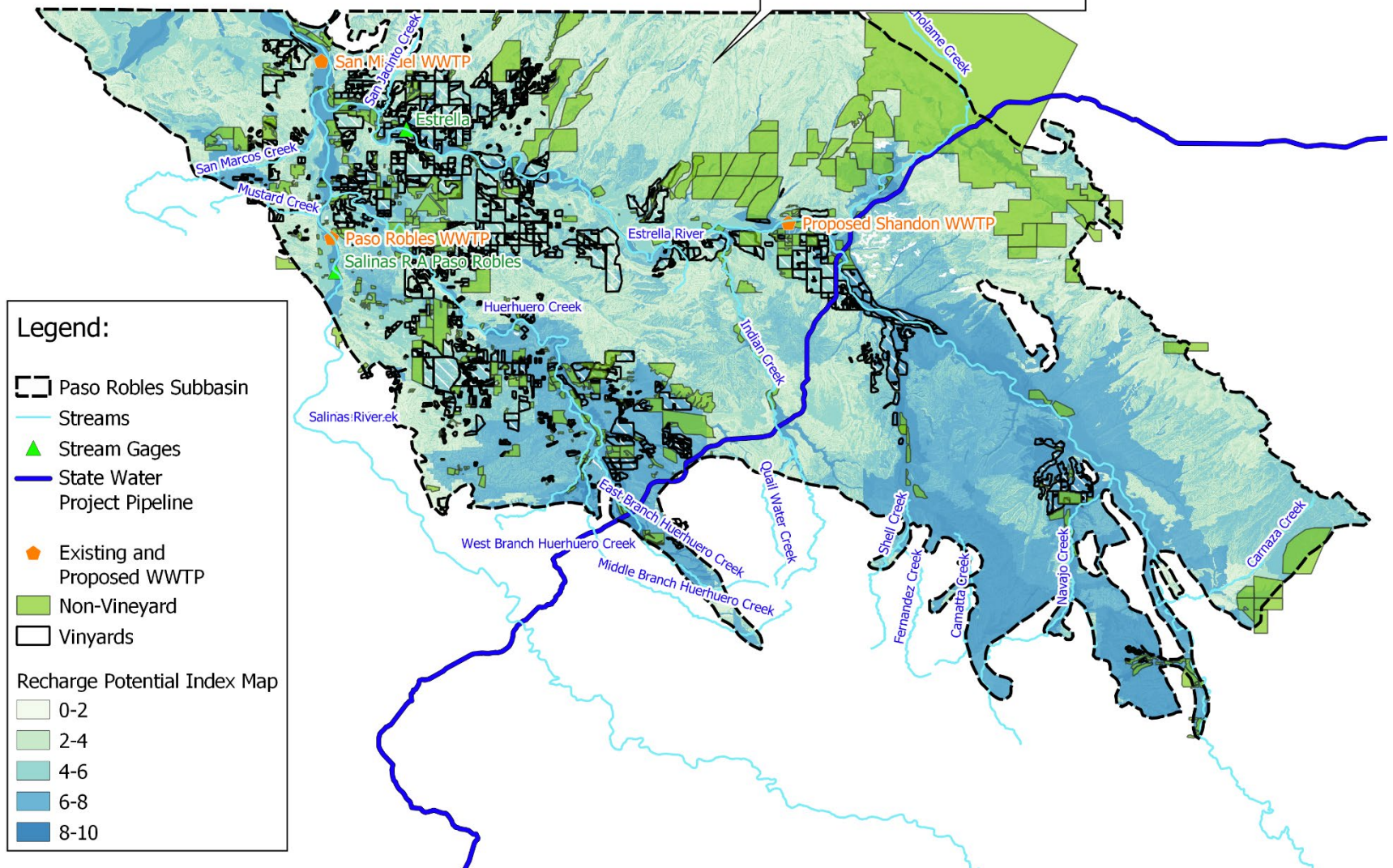
Recharge Potential Index Map

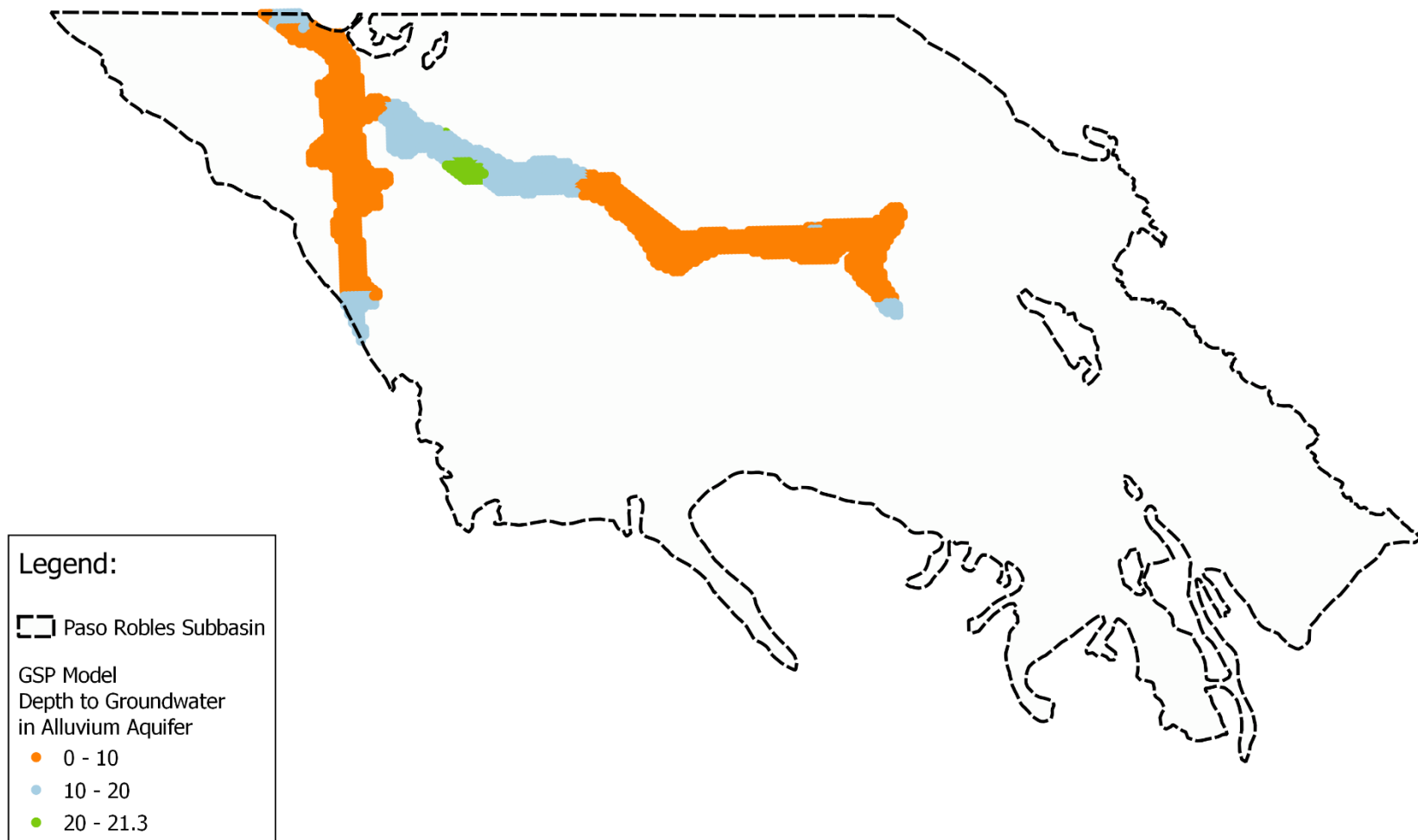
	0-2
	2-4
	4-6
	6-8
	8-10

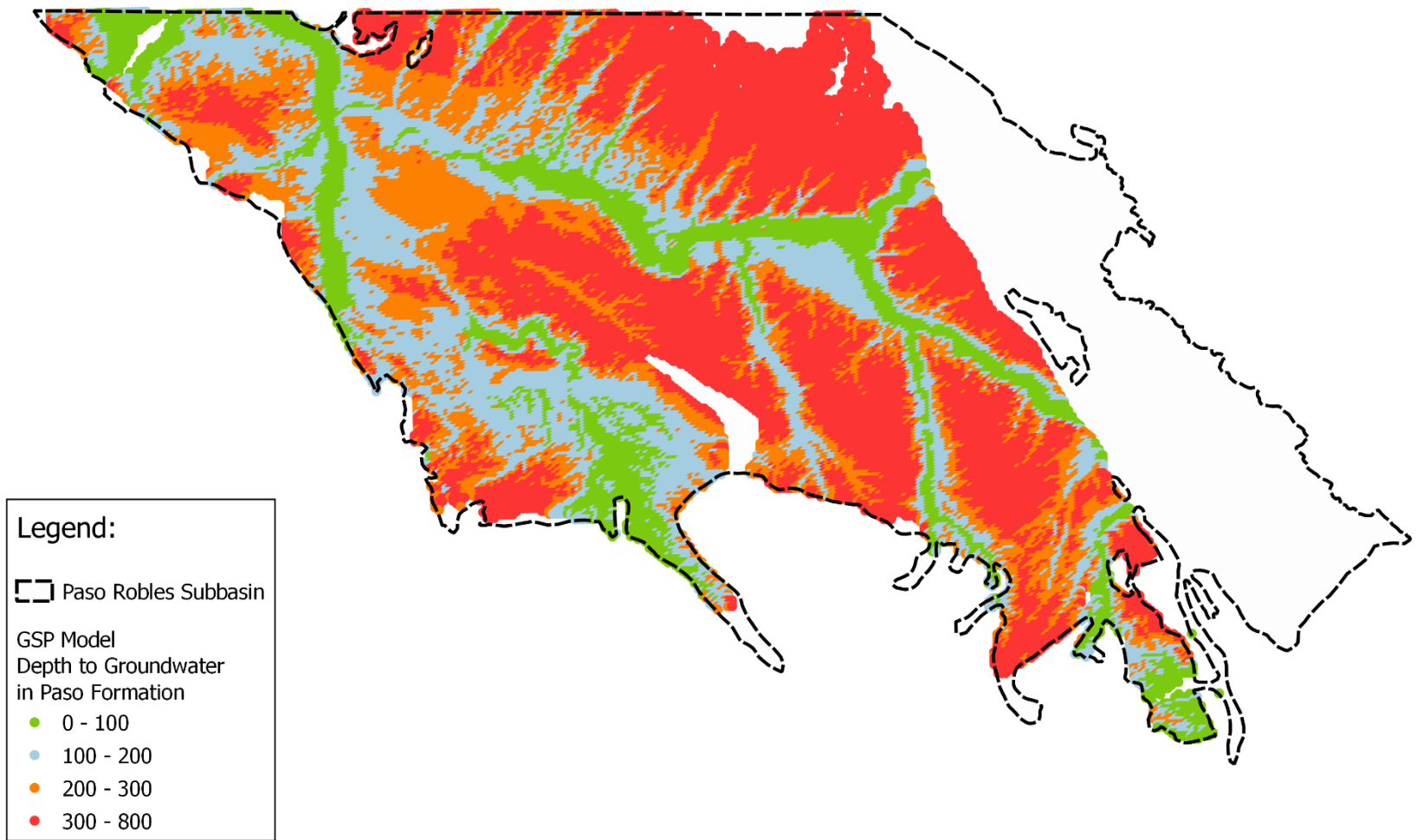
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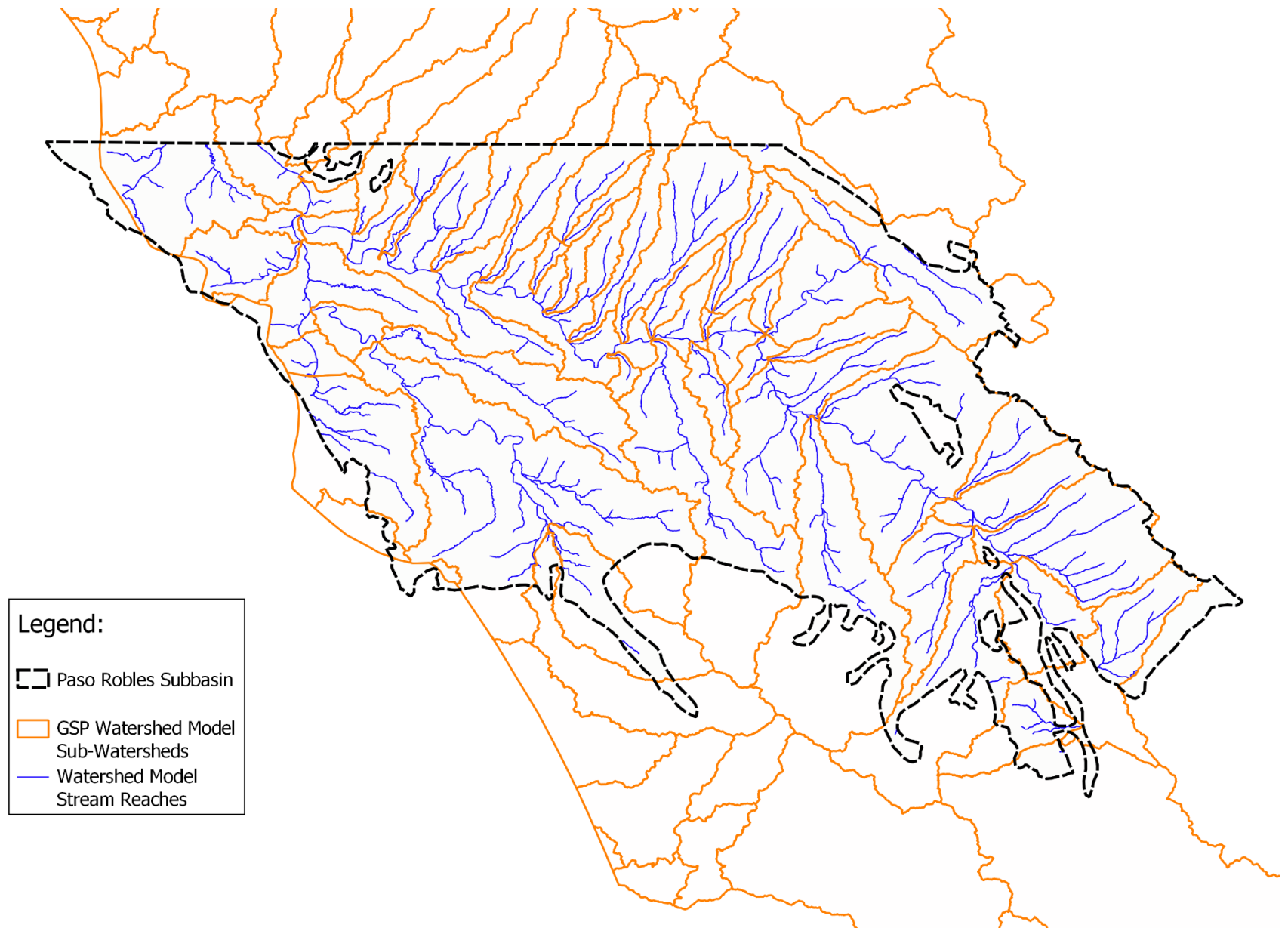


Recharge Potential Index Map:
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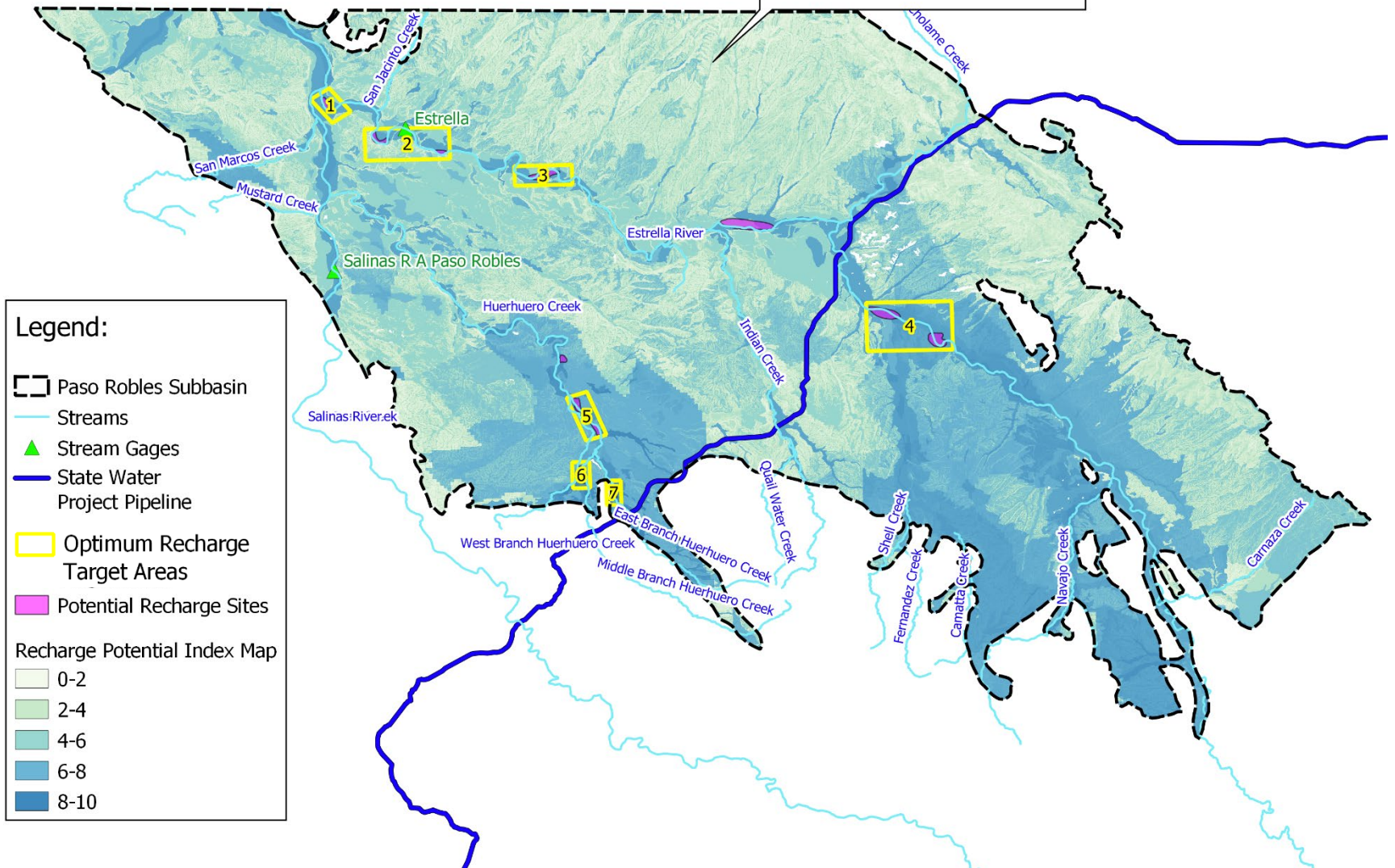


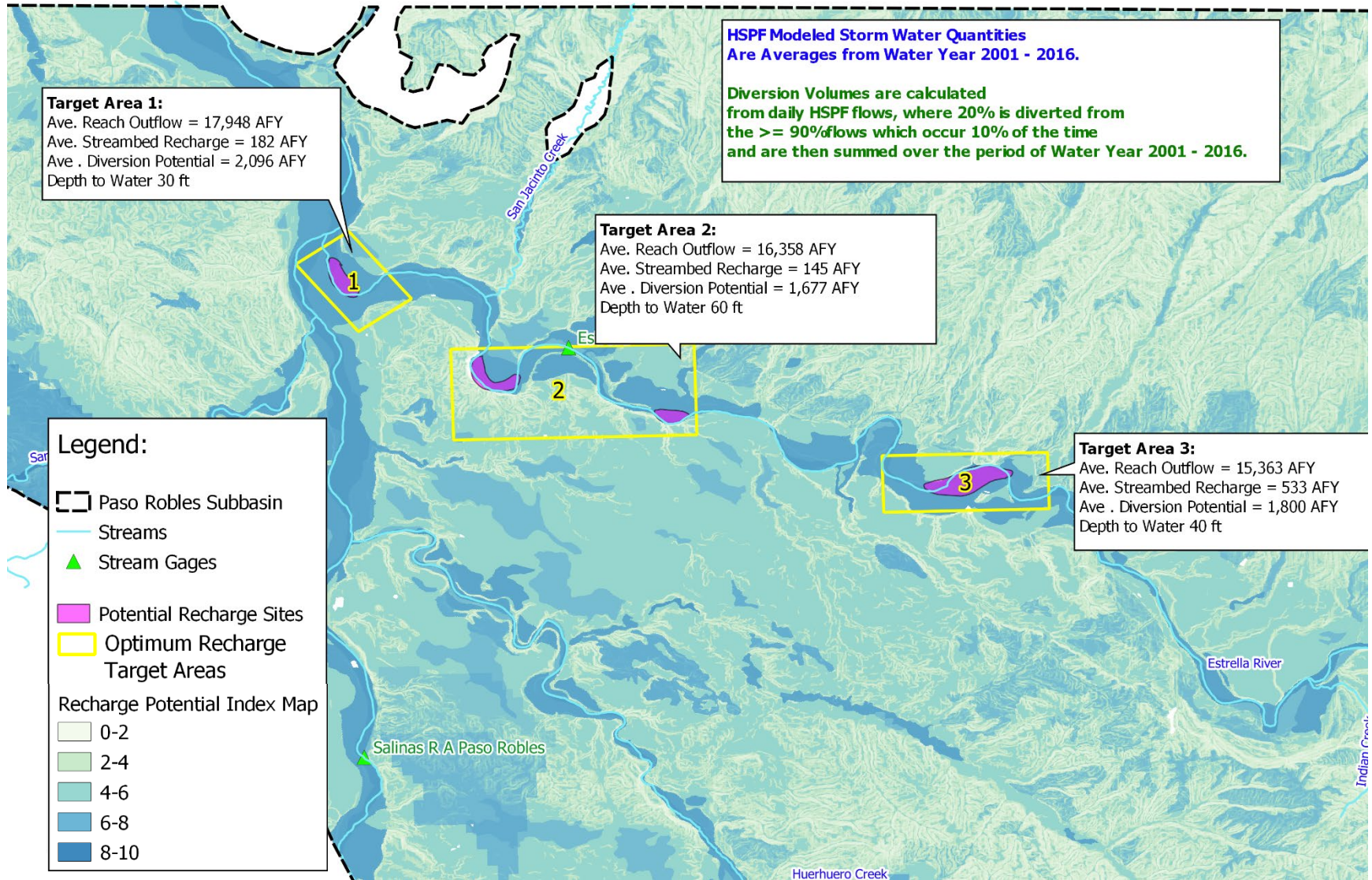


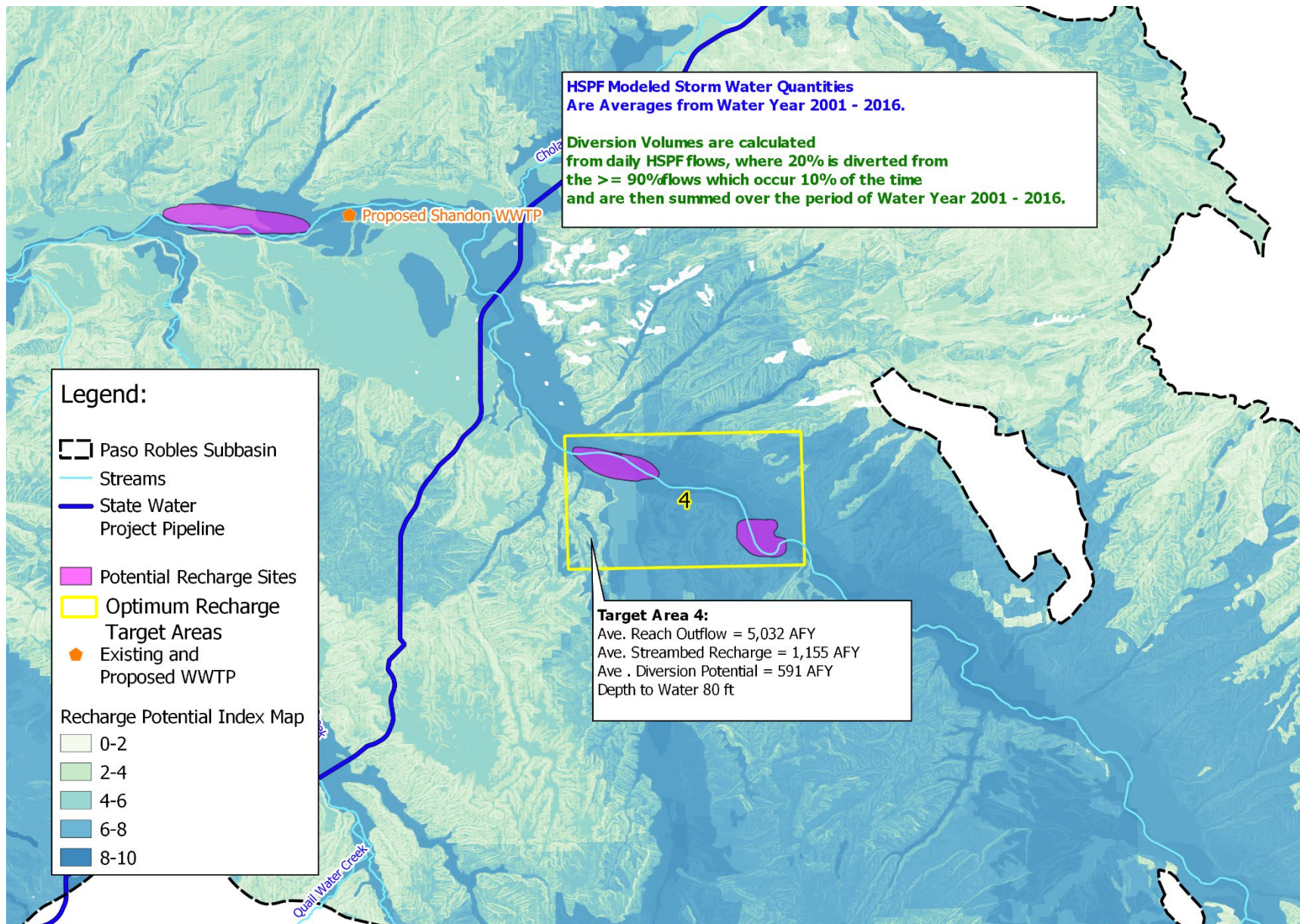




Recharge Potential Index Map:
 Slope Weight = 20%
 Soil Hydraulic Conductivity = 50%
 Aquifer Hydraulic Conductivity = 30%












**HSPF Modeled Storm Water Quantities
Are Averages from Water Year 2001 - 2016.**






**Diversion Volumes are calculated
from daily HSPF flows, where 20% is diverted from
the $\geq 90\%$ flows which occur 10% of the time
and are then summed over the period of Water Year 2001 - 2016.**

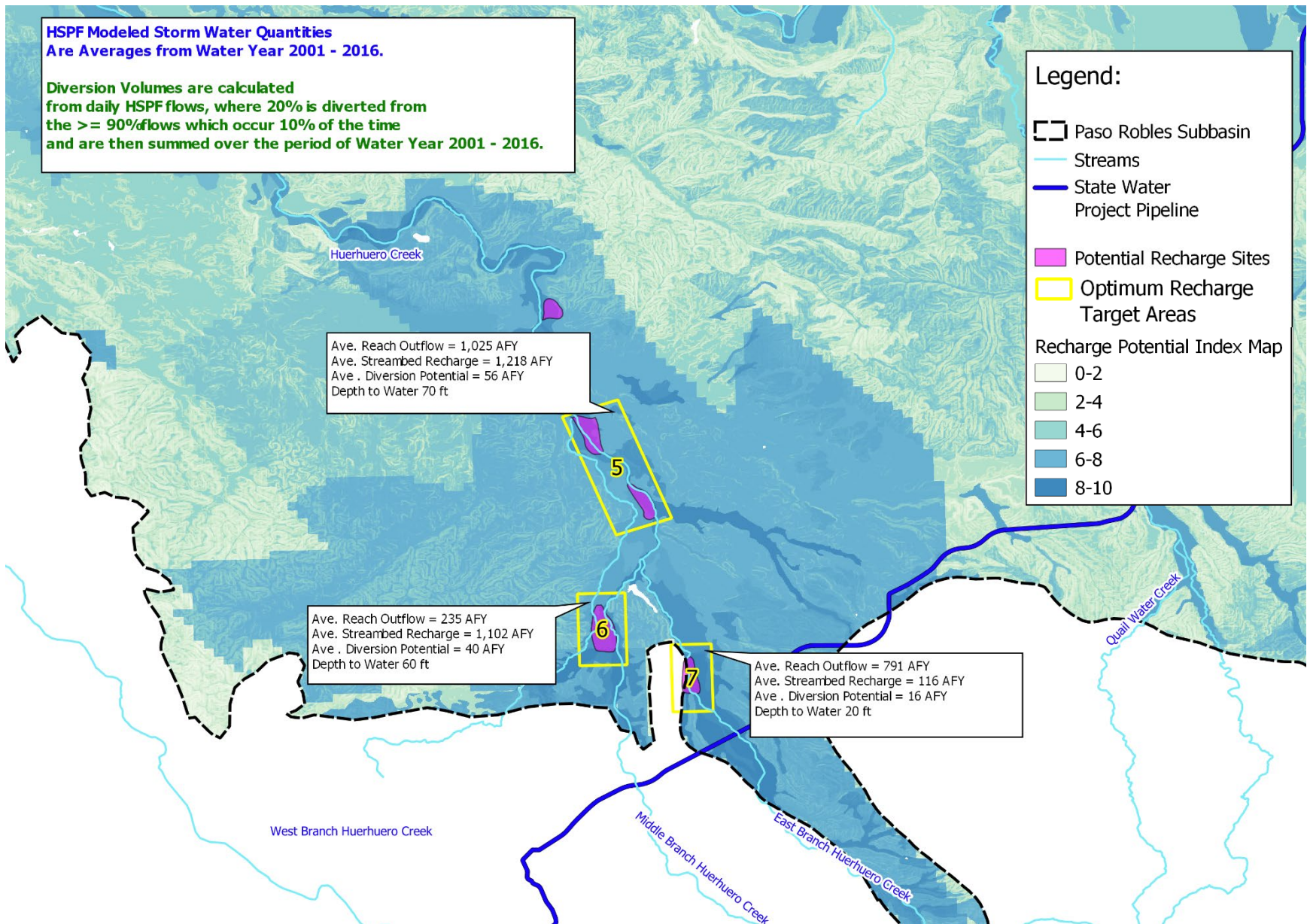
Legend:

-  Paso Robles Subbasin
-  Streams
-  State Water Project Pipeline

-  Potential Recharge Sites
-  Optimum Recharge Target Areas

Recharge Potential Index Map

-  0-2
-  2-4
-  4-6
-  6-8
-  8-10



Target Area 3:

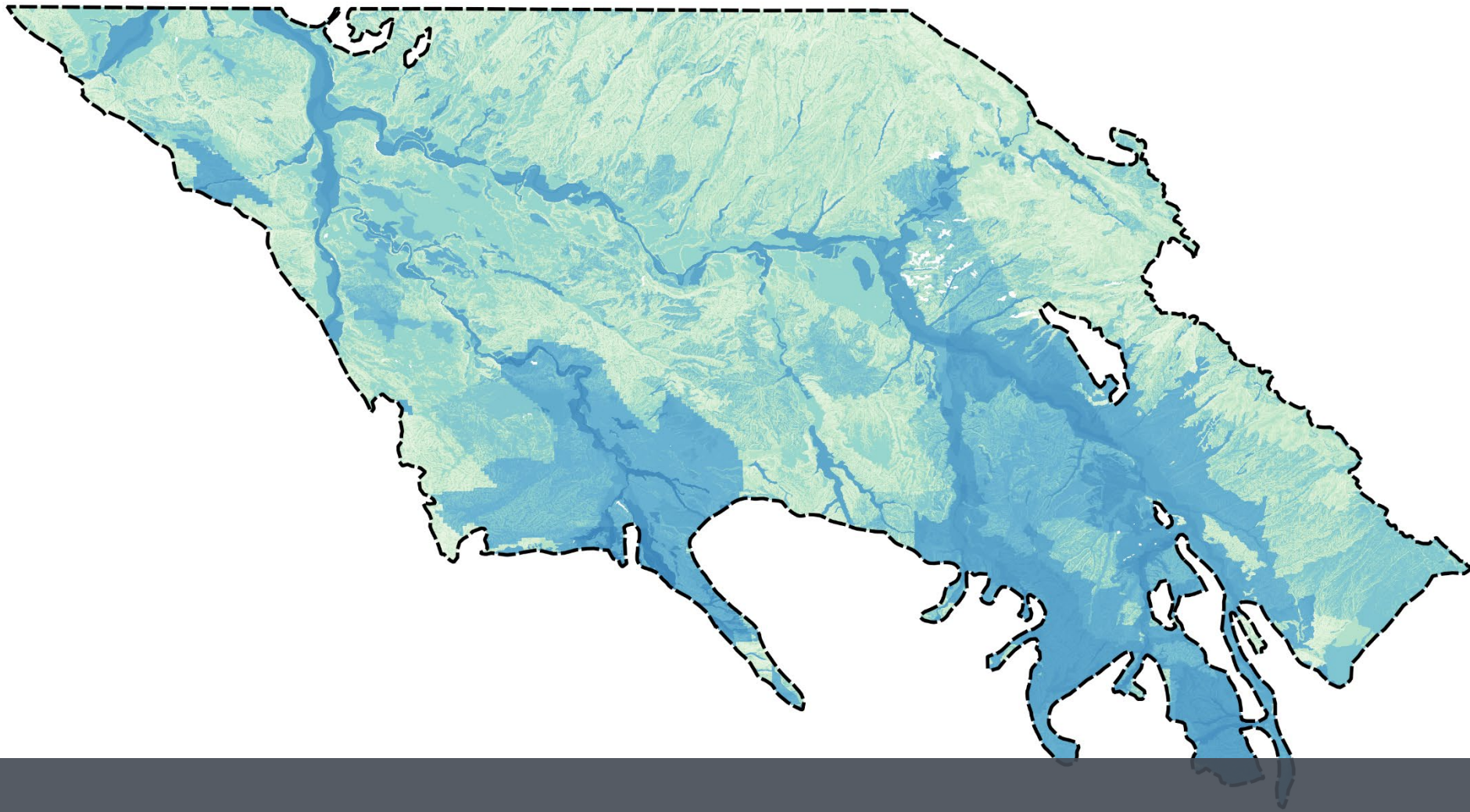
Ave. Reach Outflow = 15,363 AFY

Ave. Streambed Recharge = 533 AFY

Ave. Diversion Potential = 1,800 AFY

Depth to Water 40 ft





Questions?