

DRAFT

Initial Watershed Plan

Santa Clara River Watershed Area







DRAFT Initial Watershed Plan Appendix J

Santa Clara River Watershed Area

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		6 Opportunity							
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SAFE CLEAN WATER PROGRAM

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Appendix J. Opportunity Maps

Projects and Programs that deliver multiple benefits are a cornerstone of the Safe, Clean Water (SCW) Program. While individual strategies can support specific SCW Program Goals, they are most effective when implemented together to create synergies across SCW Planning Themes. This appendix illustrates outcomes from the two composite opportunity analyses listed and described below¹:

- Section J.1: Multiple Benefit Opportunity Across Planning Themes- This
 analysis highlighted areas within the Watershed Area (WA) with the highest
 potential to deliver multiple benefits across key SCW Program Planning
 Themes.
- Section J.2: Opportunity to Improve Water Quality and Increase Water Supply- This analysis highlighted areas within the WA with the highest potential to deliver dual benefits—specifically, to Improve Water Quality through pollutant load reduction and Increase Water Supply through stormwater capture.

The maps included in this appendix provide a static representation of the data that aligns with the progress of the Initial Watershed Plans at the time they were developed. For interactive versions of these maps with the most current information, users should use the <u>SCW Program Watershed Planning Tool</u> (Planning Tool). The Planning Tool is regularly updated to incorporate new data, recent investments, and changing watershed conditions; it serves as the preferred method for viewing and analyzing composite benefit opportunity areas².

Error! Reference source not found. and Figure J-2 illustrate the outcomes of the analyses described in Section J.1 and J.2, respectively, as visible on the Planning Tool. As illustrated in the figures, users can zoom in to areas of interest, toggle layers on the legend on the right-hand side of the map, then view details of specific features on the toolbar on the left-hand side of the map.

¹ Full descriptions of the data, methods, and sources for these analyses are provided in Appendix I.6.

² The Planning Tool also contains other composite opportunity analyses not listed in this Appendix.

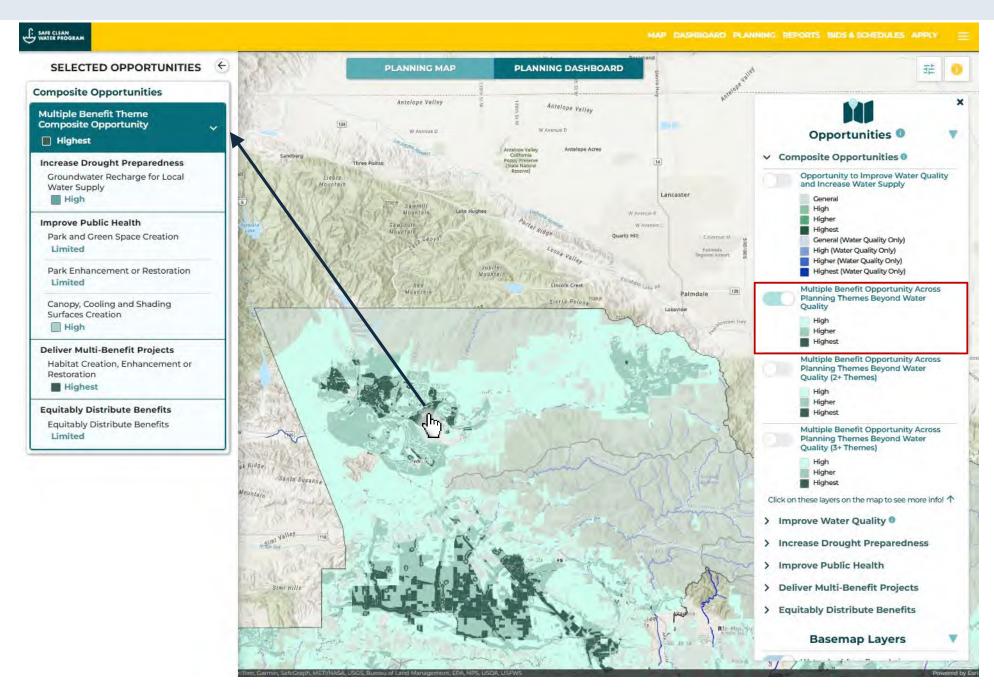


Figure J-1. Screenshot of the multi benefit opportunity across Planning Themes on the SCW Program Watershed Planning Tool

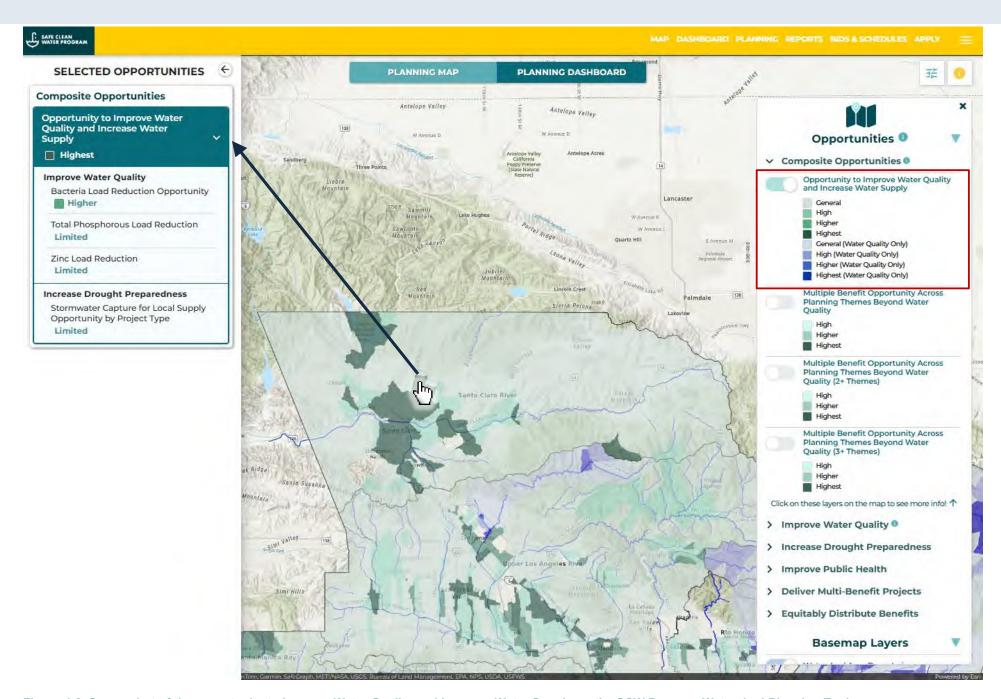


Figure J-2. Screenshot of the opportunity to Improve Water Quality and Increase Water Supply on the SCW Program Watershed Planning Tool

J.1Multiple Benefit Opportunity Across Planning Themes

Outcomes from this composite opportunity analysis identified areas within the WA with the highest potential to deliver multiple benefits across key SCW Program Planning Themes (Improve Public Health, Increase Drought Preparedness through Groundwater Recharge, Restore Habitat, and Equitably Distribute Benefits to Disadvantaged Communities). Note, the relative opportunity classification (high, higher, highest) used in each map is defined in Appendix I.6.

To support various Program and Project proponent perspectives, analysis outcomes have been exported to several map sets across multiple scales:

- To highlight areas within the WA with the highest potential to deliver multiple benefits across key Planning Themes, a two-square-mile planning grid was developed. Each grid cell overlapping the WA was exported and is shown in the first section below from highest rank (i.e., highest relative opportunity) to rank.
- To support targeted implementation by Municipalities, the opportunity to deliver multiple benefits across key Planning Themes was exported at the municipal scale to highlight the opportunity levels within each. Each municipality overlapping the WA is shown the second section below.
- To support targeted implementation from the perspective of Supervisorial
 Districts, the opportunity to deliver multiple benefits across key Planning
 Themes was exported at the supervisor district scale to highlight the opportunity
 levels within each. Each Supervisor District overlapping the WA is shown in the
 third section below.

J.1.1 Grid-Based Maps

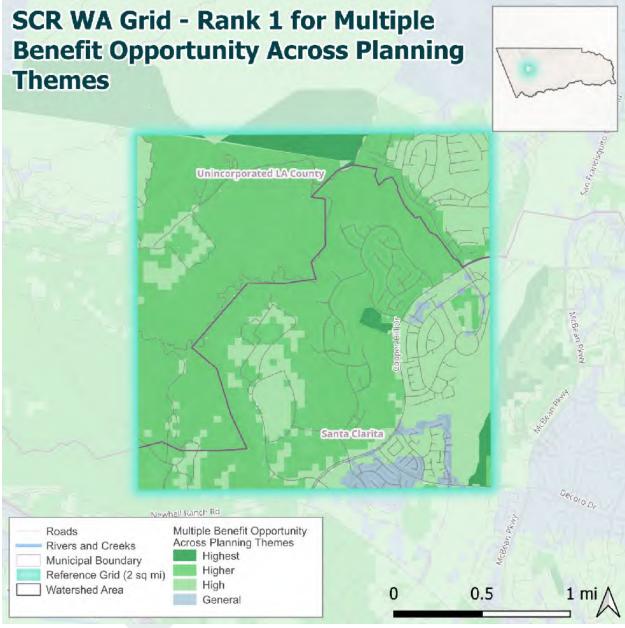


Figure J-3. Rank 1 Multiple Benefit Opportunity Across Planning Themes

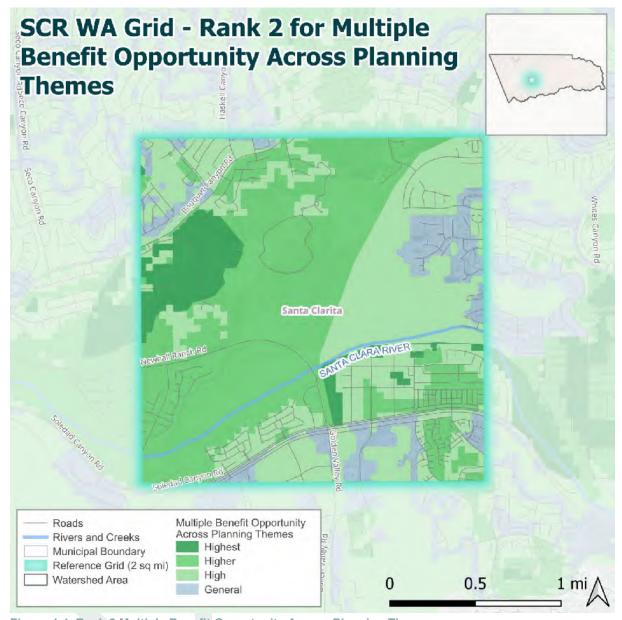


Figure J-4. Rank 2 Multiple Benefit Opportunity Across Planning Themes

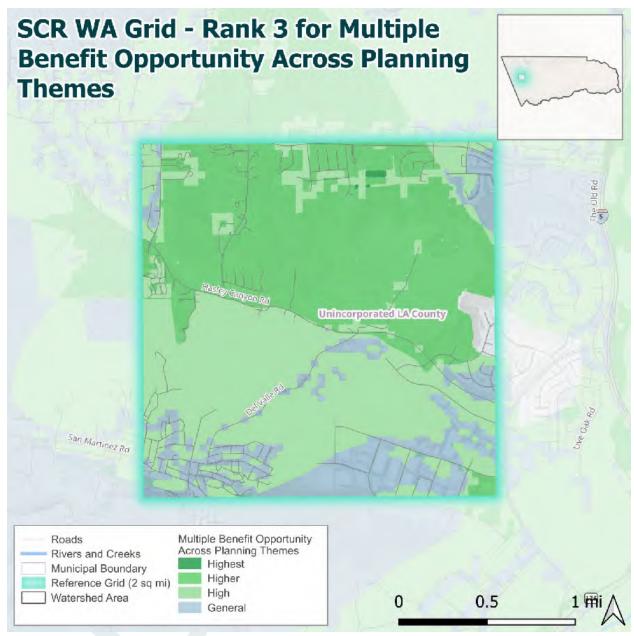


Figure J-5. Rank 3 Multiple Benefit Opportunity Across Planning Themes

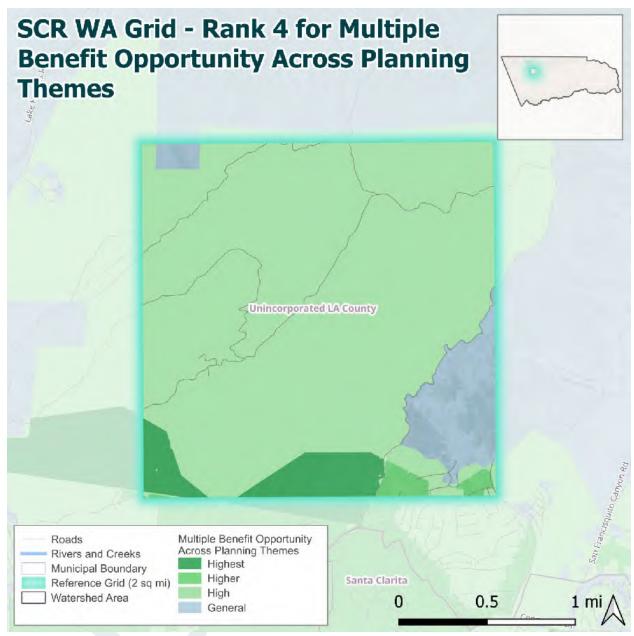


Figure J-6. Rank 4 Multiple Benefit Opportunity Across Planning Themes

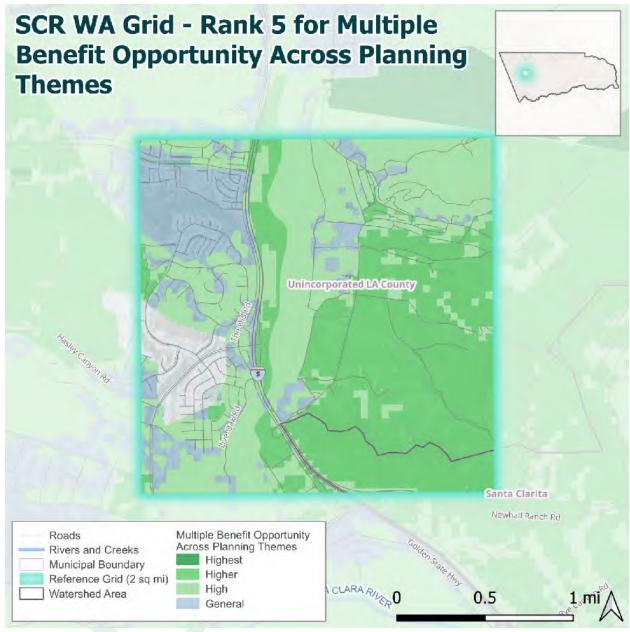


Figure J-7. Rank 5 Multiple Benefit Opportunity Across Planning Themes

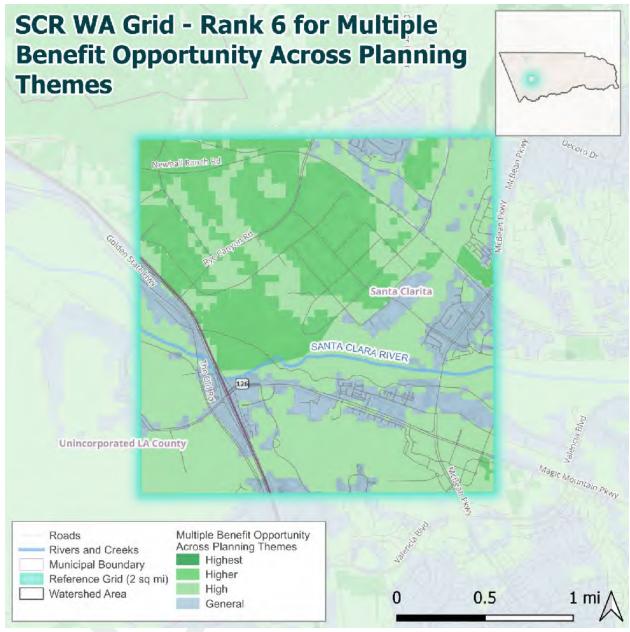


Figure J-8. Rank 6 Multiple Benefit Opportunity Across Planning Themes

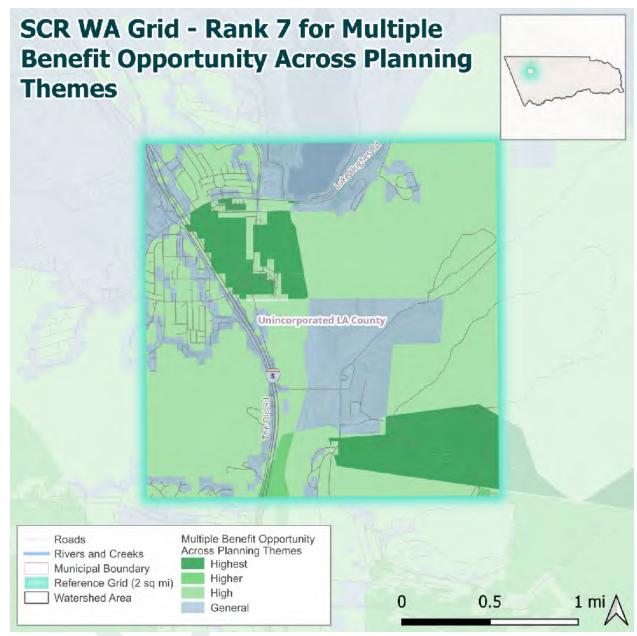


Figure J-9. Rank 7 Multiple Benefit Opportunity Across Planning Themes

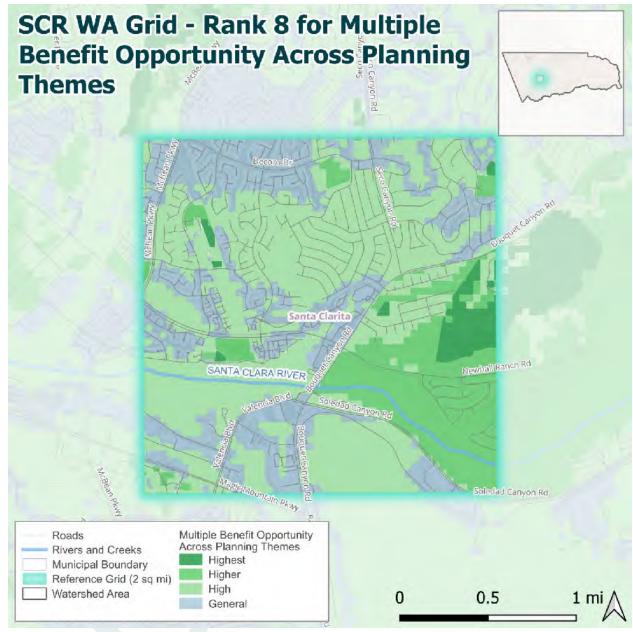


Figure J-10. Rank 8 Multiple Benefit Opportunity Across Planning Themes

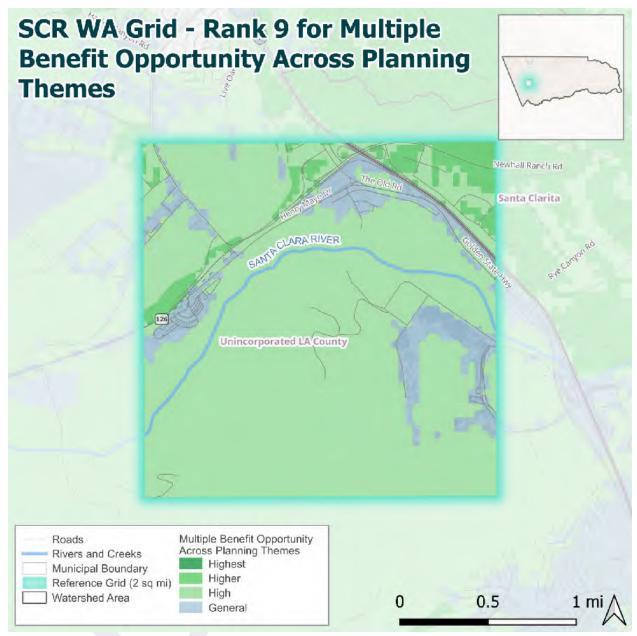


Figure J-11. Rank 9 Multiple Benefit Opportunity Across Planning Themes

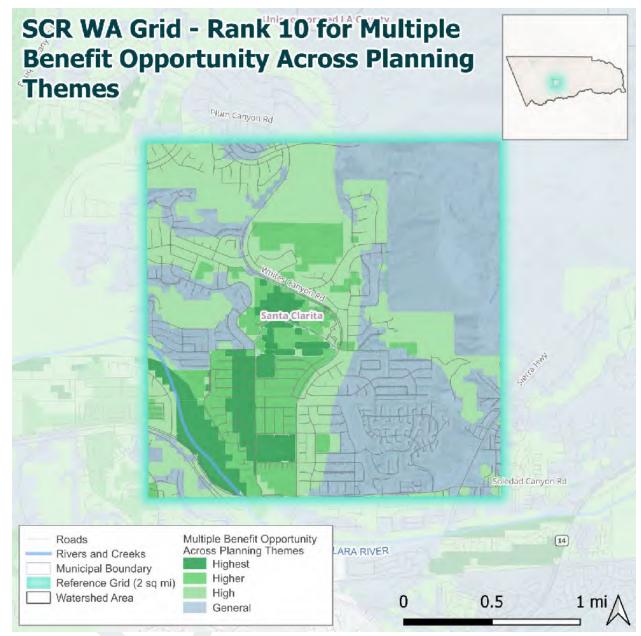


Figure J-12. Rank 10 Multiple Benefit Opportunity Across Planning Themes

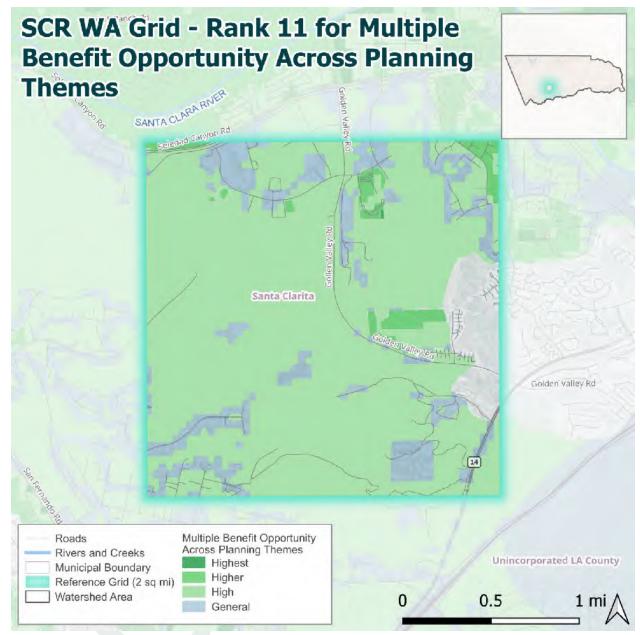


Figure J-13. Rank 11 Multiple Benefit Opportunity Across Planning Themes

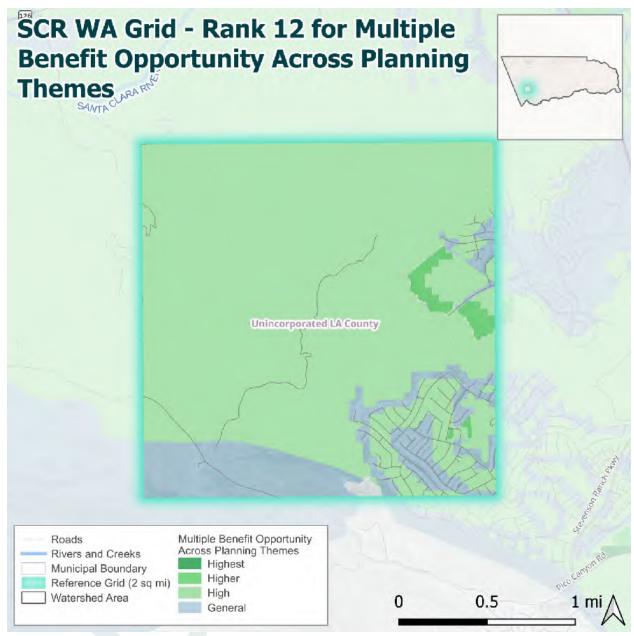


Figure J-14. Rank 12 Multiple Benefit Opportunity Across Planning Themes

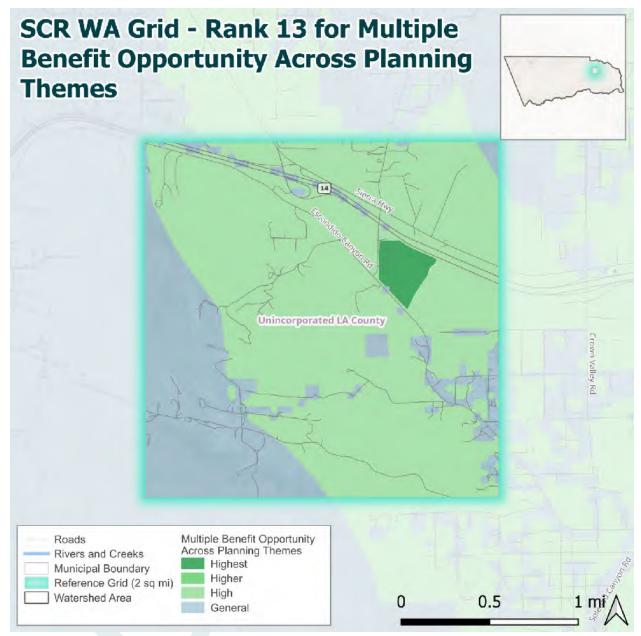


Figure J-15. Rank 13 Multiple Benefit Opportunity Across Planning Themes

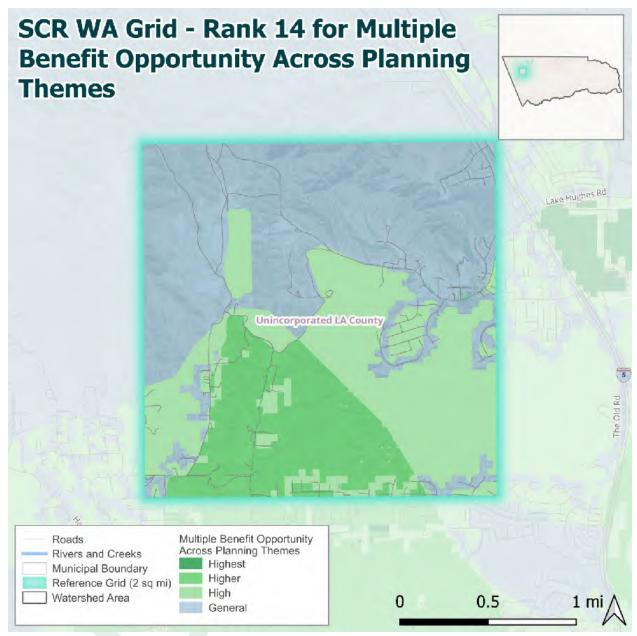


Figure J-16. Rank 14 Multiple Benefit Opportunity Across Planning Themes

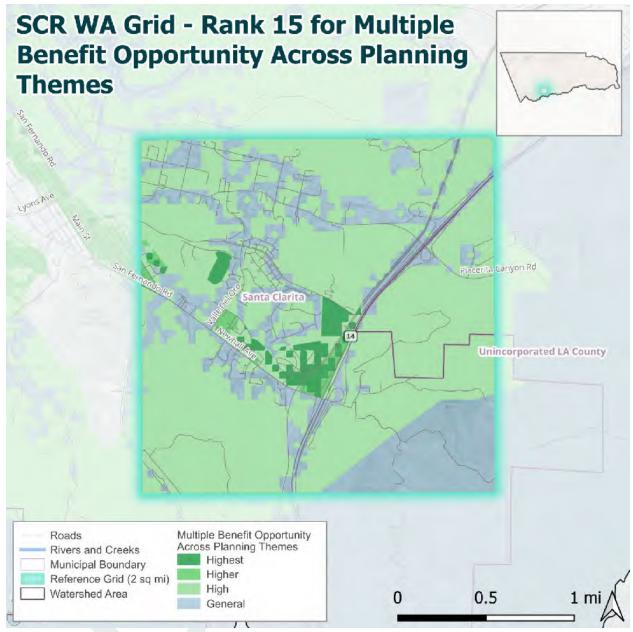


Figure J-17. Rank 15 Multiple Benefit Opportunity Across Planning Themes

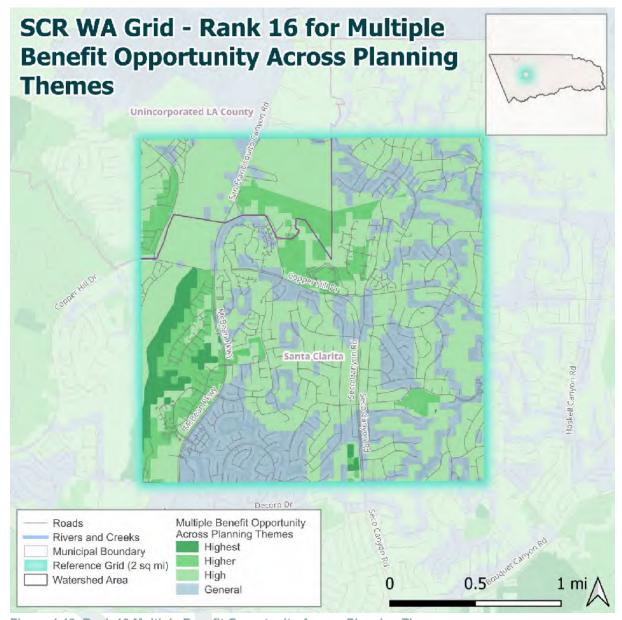


Figure J-18. Rank 16 Multiple Benefit Opportunity Across Planning Themes

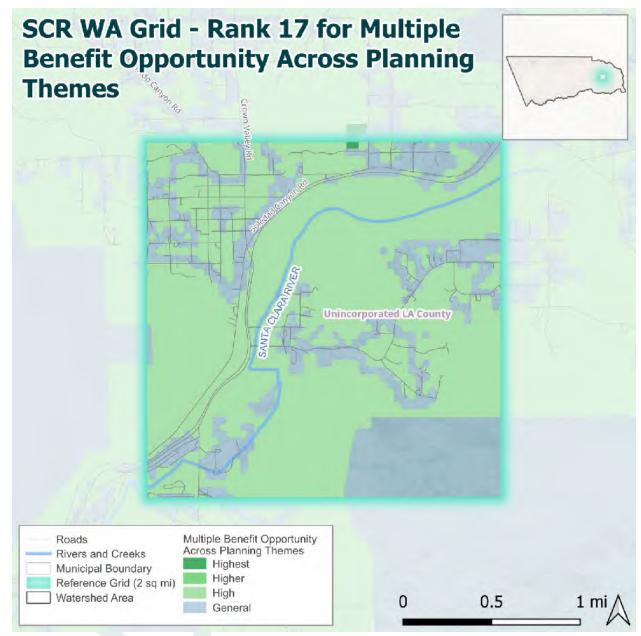


Figure J-19. Rank 17 Multiple Benefit Opportunity Across Planning Themes

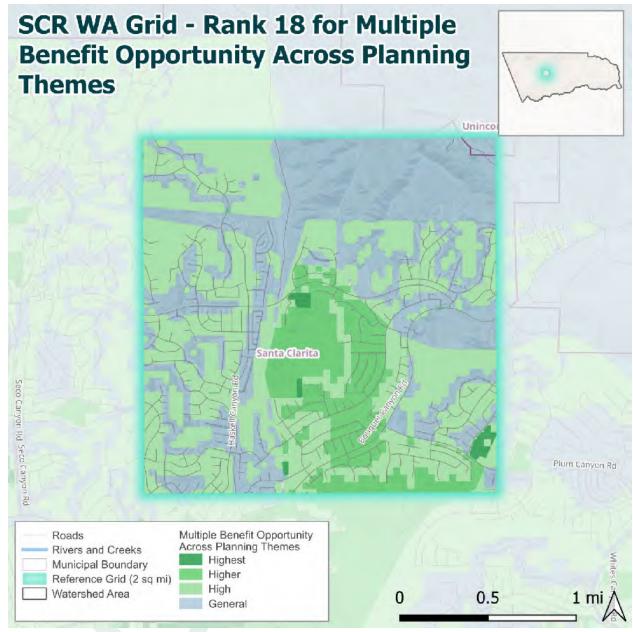


Figure J-20. Rank 18 Multiple Benefit Opportunity Across Planning Themes

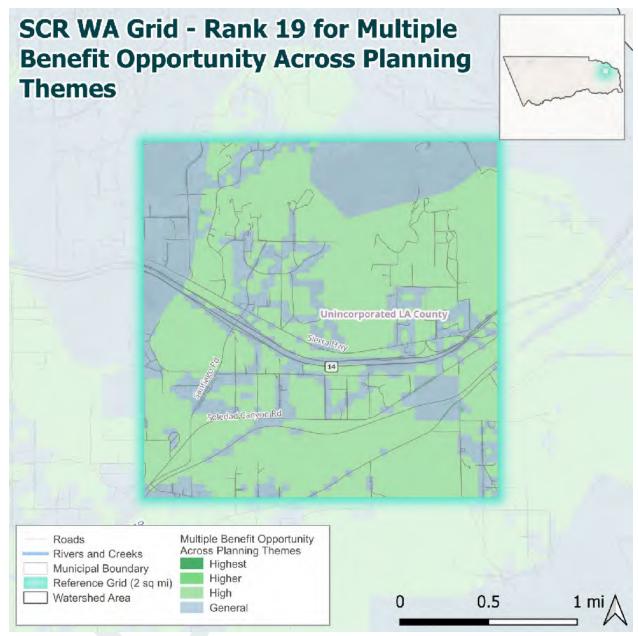


Figure J-21. Rank 19 Multiple Benefit Opportunity Across Planning Themes

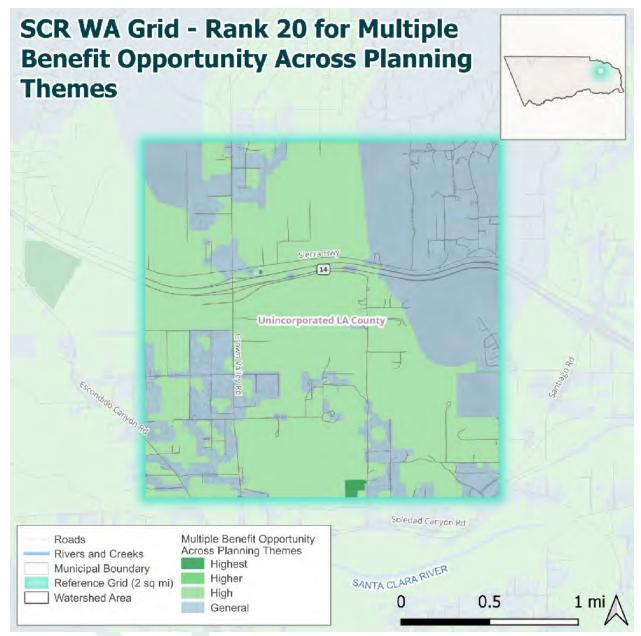


Figure J-22. Rank 20 Multiple Benefit Opportunity Across Planning Themes

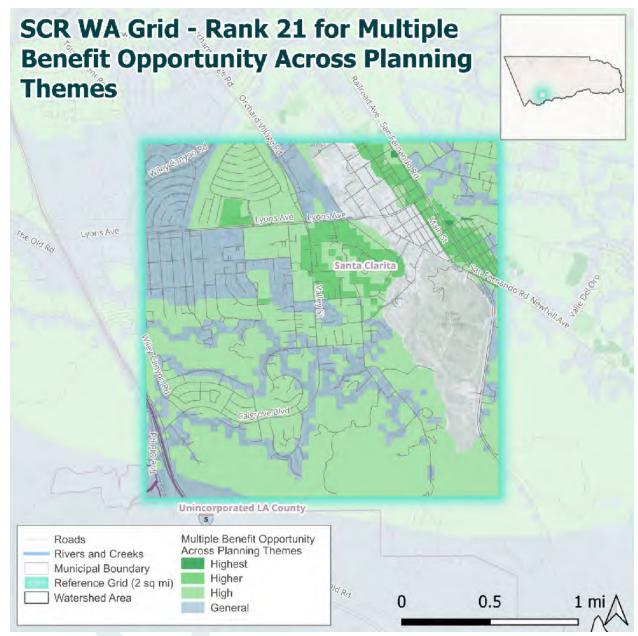


Figure J-23. Rank 21 Multiple Benefit Opportunity Across Planning Themes

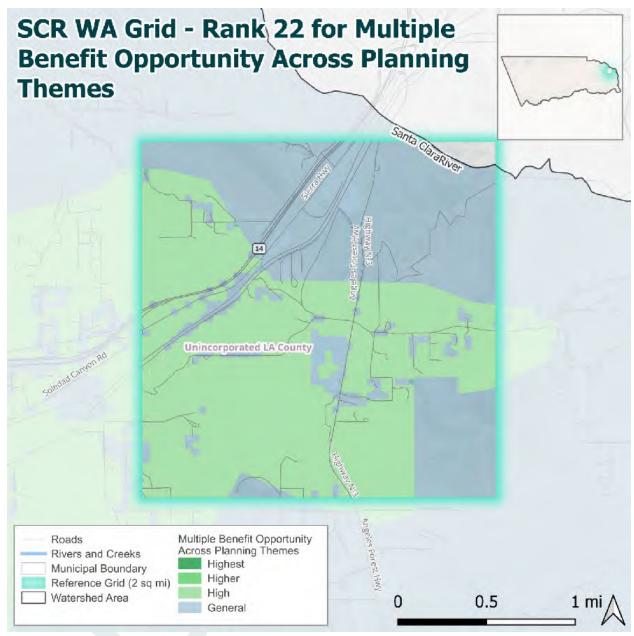


Figure J-24. Rank 22 Multiple Benefit Opportunity Across Planning Themes

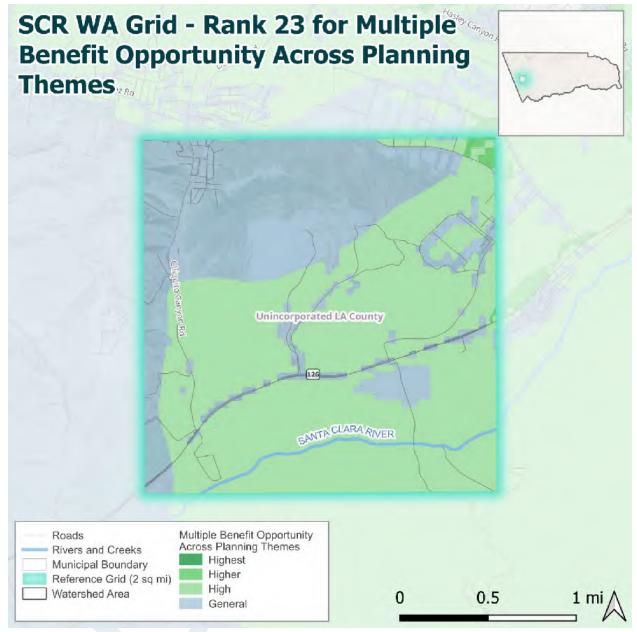


Figure J-25. Rank 23 Multiple Benefit Opportunity Across Planning Themes

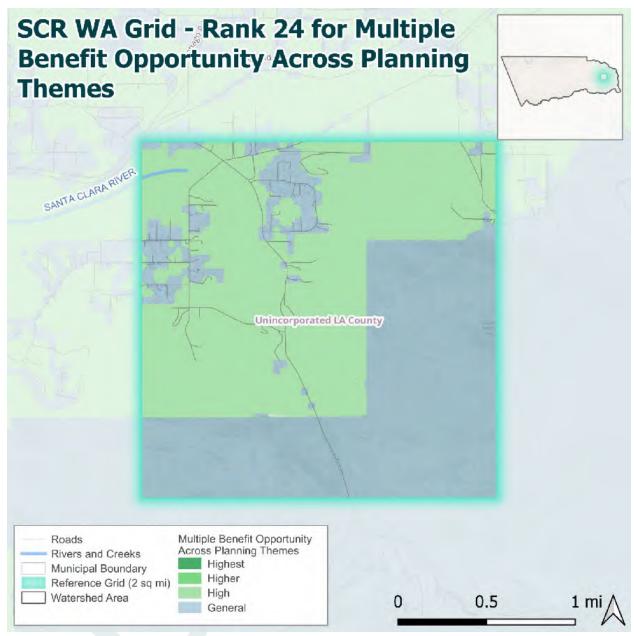


Figure J-26. Rank 24 Multiple Benefit Opportunity Across Planning Themes

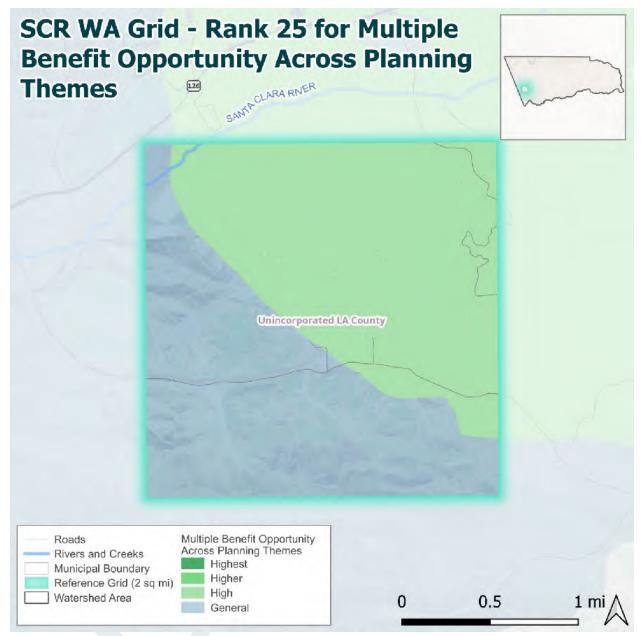


Figure J-27. Rank 25 Multiple Benefit Opportunity Across Planning Themes

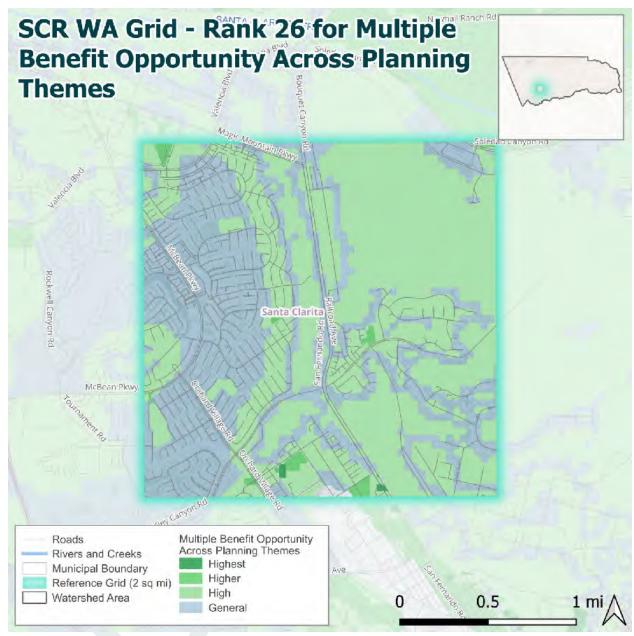


Figure J-28. Rank 26 Multiple Benefit Opportunity Across Planning Themes

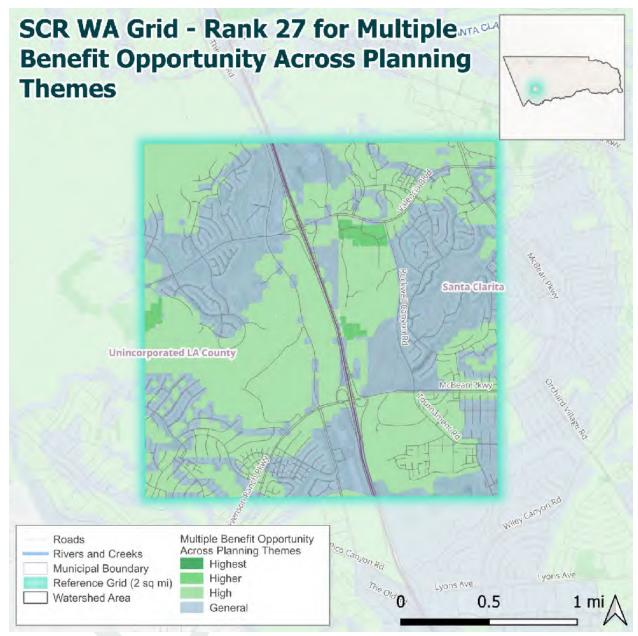


Figure J-29. Rank 27 Multiple Benefit Opportunity Across Planning Themes

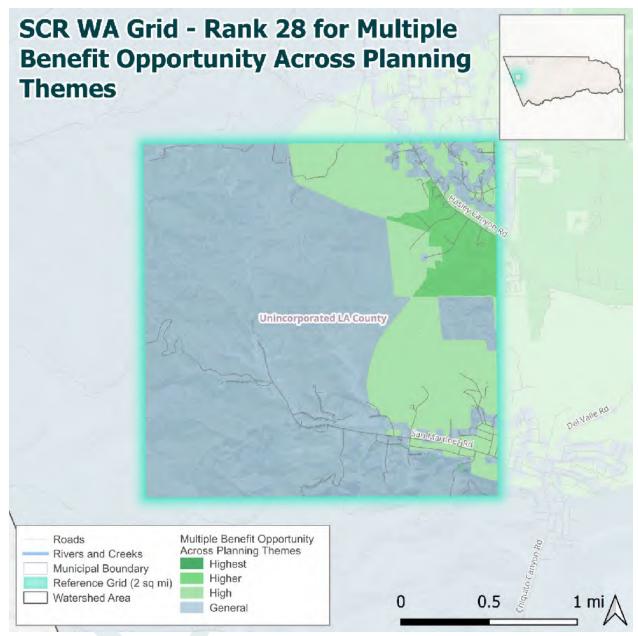


Figure J-30. Rank 28 Multiple Benefit Opportunity Across Planning Themes

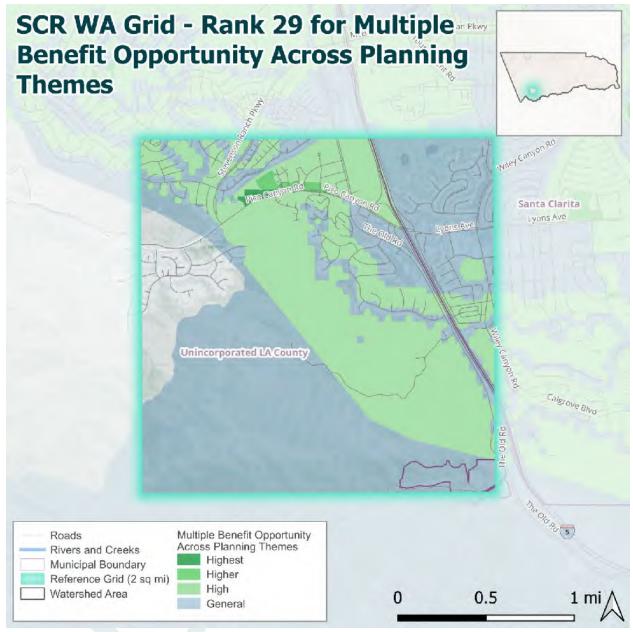


Figure J-31. Rank 29 Multiple Benefit Opportunity Across Planning Themes

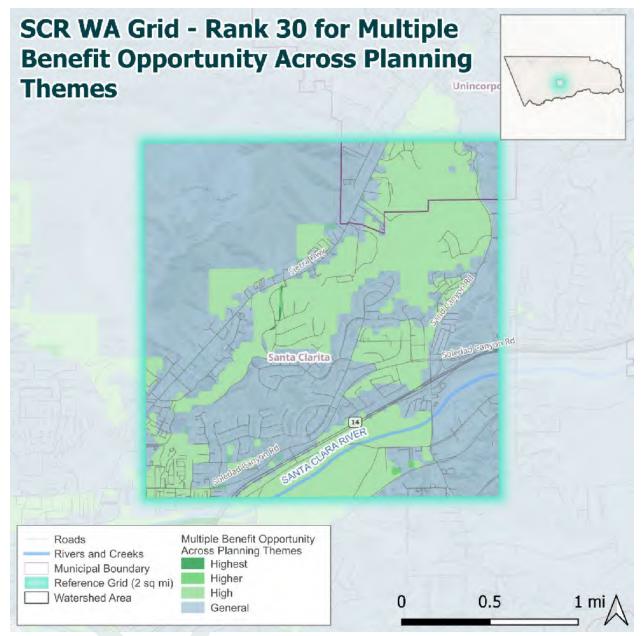


Figure J-32. Rank 30 Multiple Benefit Opportunity Across Planning Themes

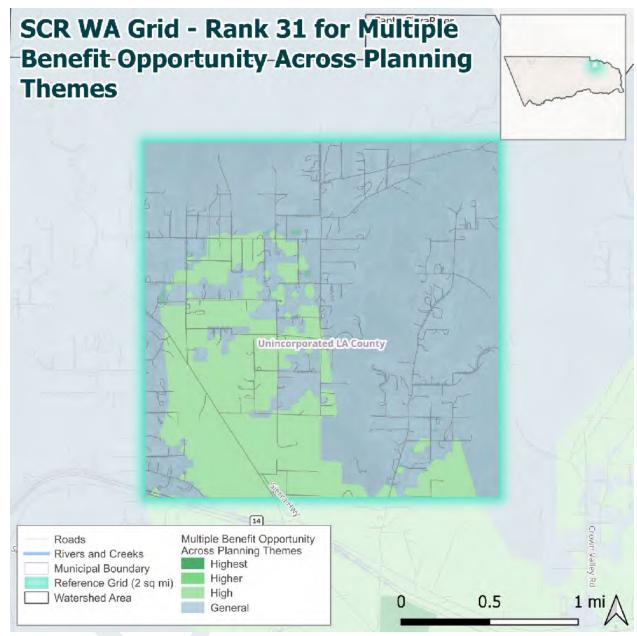


Figure J-33. Rank 31 Multiple Benefit Opportunity Across Planning Themes

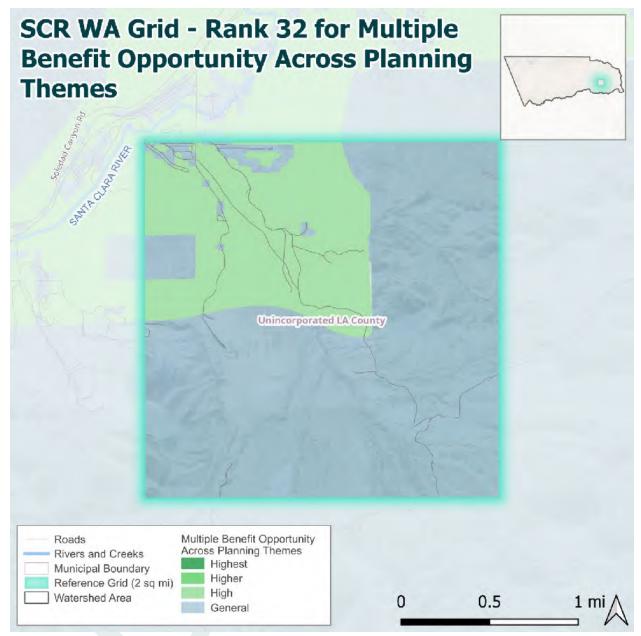


Figure J-34. Rank 32 Multiple Benefit Opportunity Across Planning Themes

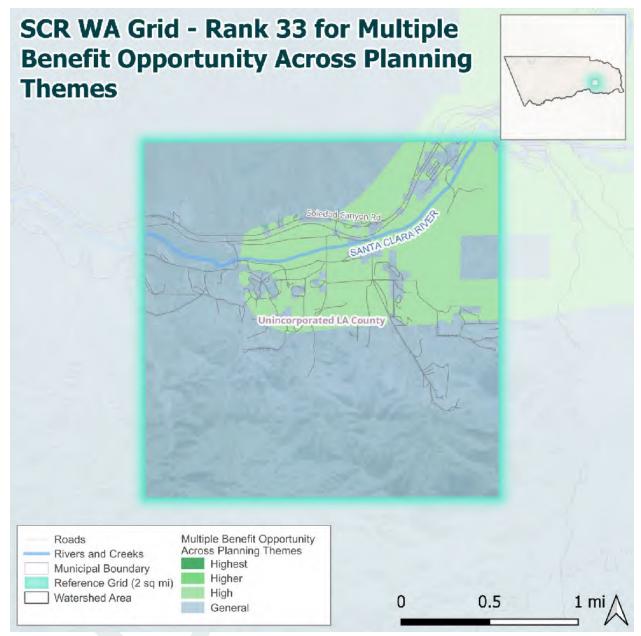


Figure J-35. Rank 33 Multiple Benefit Opportunity Across Planning Themes

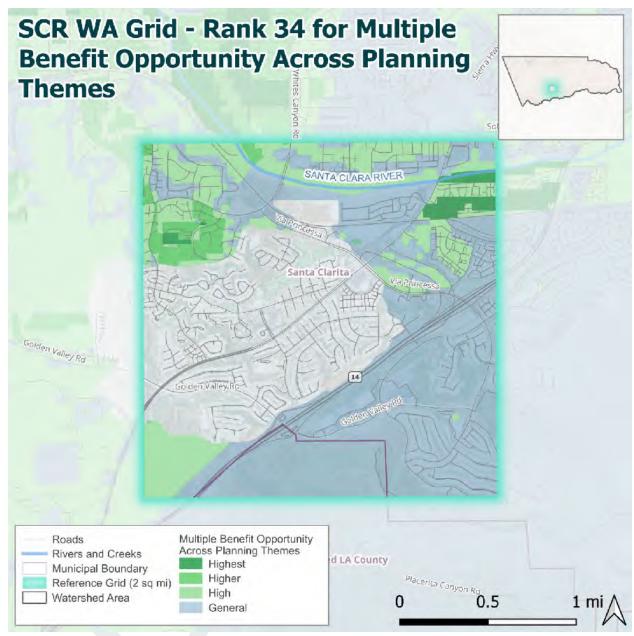


Figure J-36. Rank 34 Multiple Benefit Opportunity Across Planning Themes

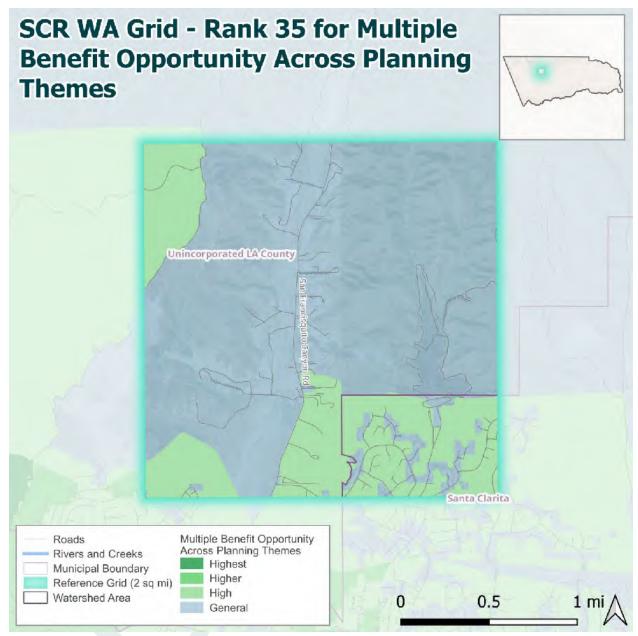


Figure J-37. Rank 35 Multiple Benefit Opportunity Across Planning Themes

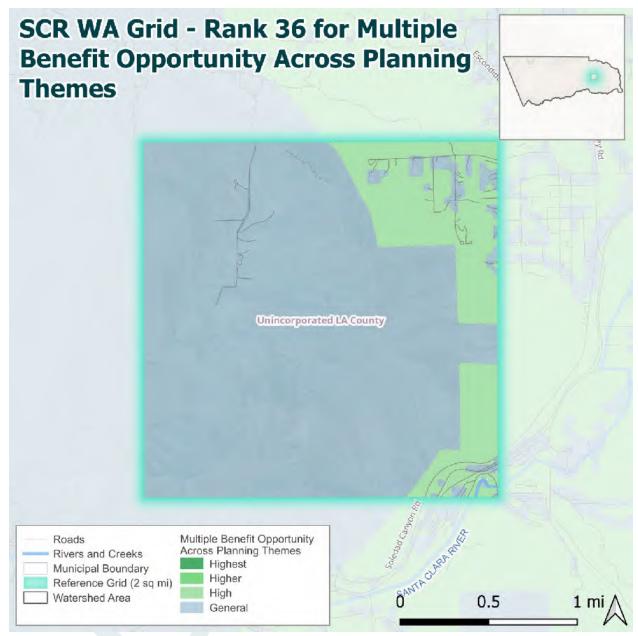


Figure J-38. Rank 36 Multiple Benefit Opportunity Across Planning Themes

J.1.2 Municipality Maps



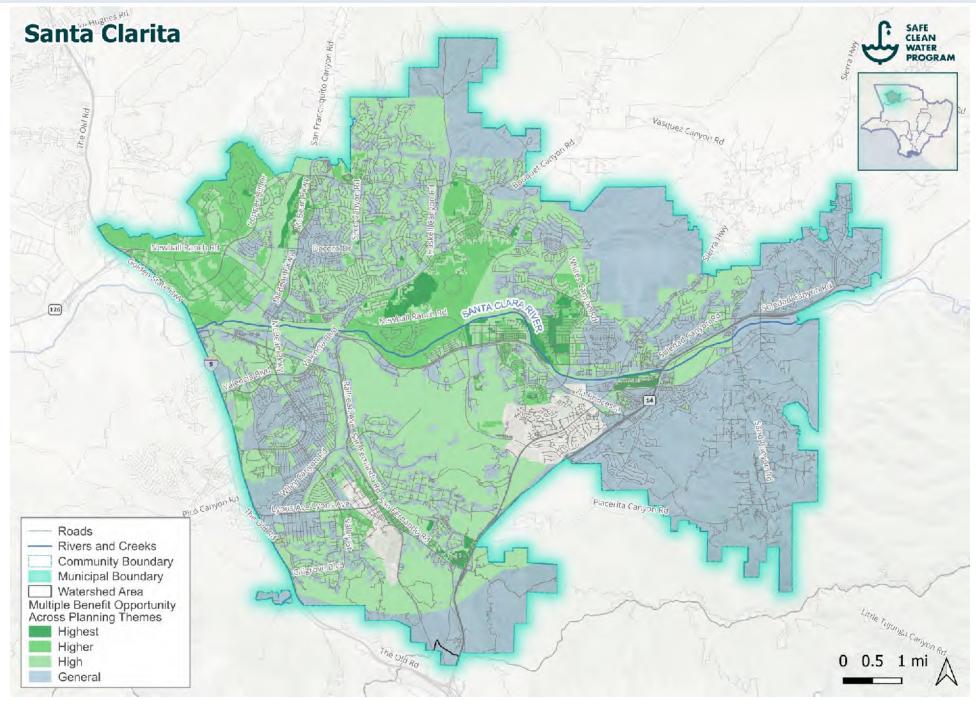


Figure J-39. Santa Clarita Multiple Benefit Opportunity Across Planning Themes

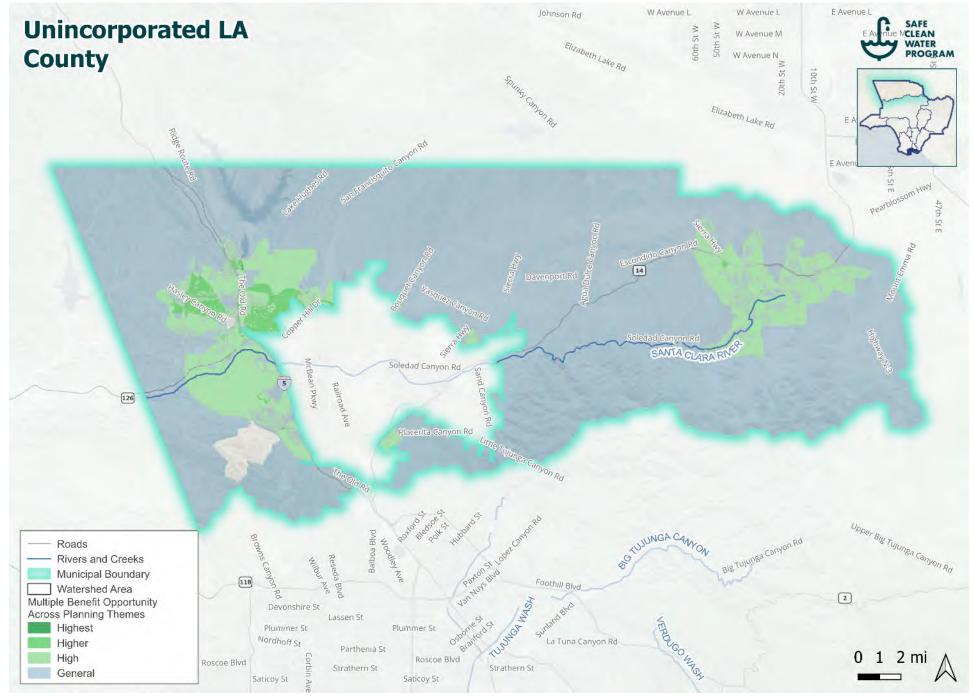


Figure J-40. Unincorporated LA County Opportunity for Multiple Benefits Across Planning Themes

J.1.3 Supervisorial District Maps



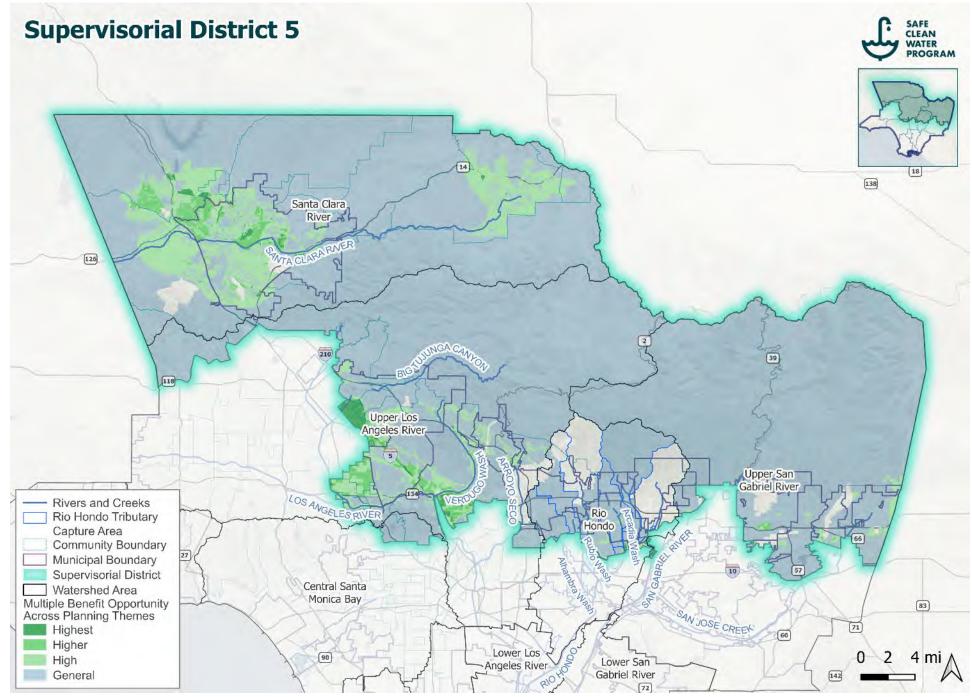


Figure J-41. Supervisorial District 5 Multiple Benefit Opportunity Across Planning Themes

J.2 Opportunity to Improve Water Quality and Increase Water Supply

Outcomes from this composite opportunity analysis identified areas within the WA with the highest potential to Improve Water Quality and Increase Water Supply. Note, the relative opportunity classification (high, higher, highest) used in each map is defined in Appendix I.6.

To support various Program and Project proponent perspectives, analysis outcomes have been exported to several map sets across multiple scales:

- To highlight areas within the WA with the highest potential to Improve Water
 Quality and Increase Water Supply, a two-square-mile planning grid was
 developed. Each grid cell overlapping the WA was exported and is shown in the
 first section below from highest rank (i.e., highest relative opportunity) to lowest.
- To support targeted implementation by Municipalities, the opportunity to Improve Water Quality and Increase Water Supply was exported at the Municipal scale to highlight the opportunity levels within each. Each Municipality overlapping the WA is shown in the second section below.
- To support targeted implementation from the perspective of Supervisorial
 Districts, the opportunity to Improve Water Quality and Increase Water Supply
 was exported at the Supervisor District scale to highlight the opportunity levels
 within each. Each Supervisor District overlapping the WA is shown in the third
 section below.

J.2.1 Grid-Based Maps

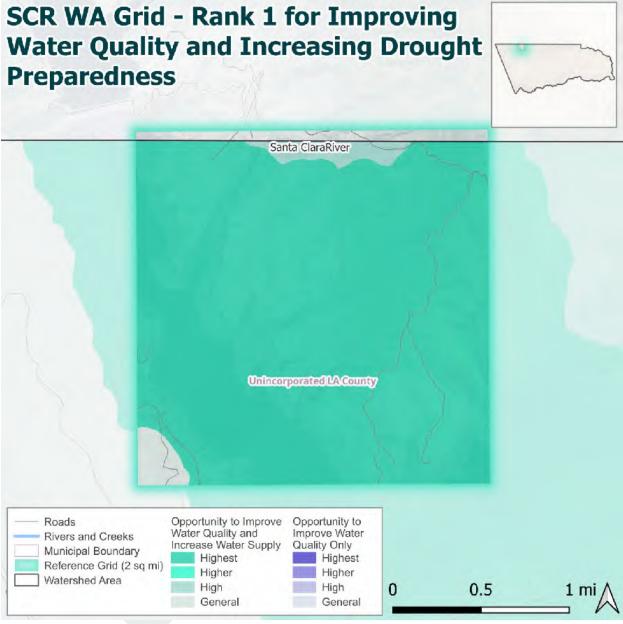


Figure J-42. Rank 1 Opportunity for Improving Water Quality and Increasing Water Supply

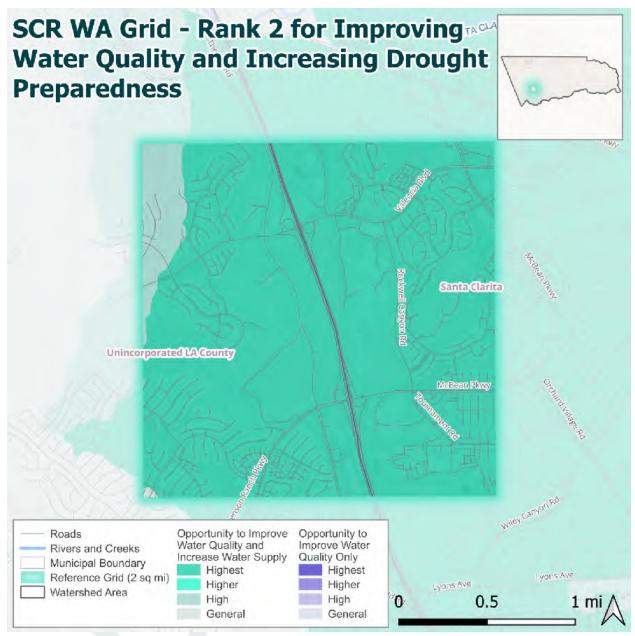


Figure J-43. Rank 2 Opportunity for Improving Water Quality and Increasing Water Supply

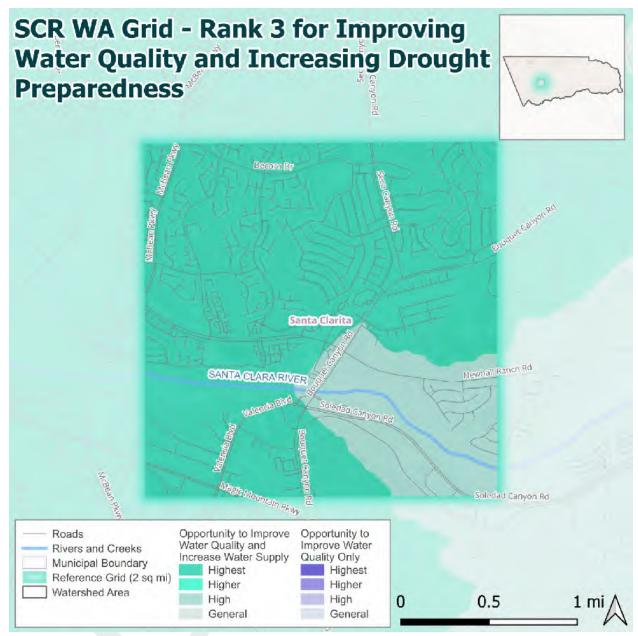


Figure J-44. Rank 3 Opportunity for Improving Water Quality and Increasing Water Supply

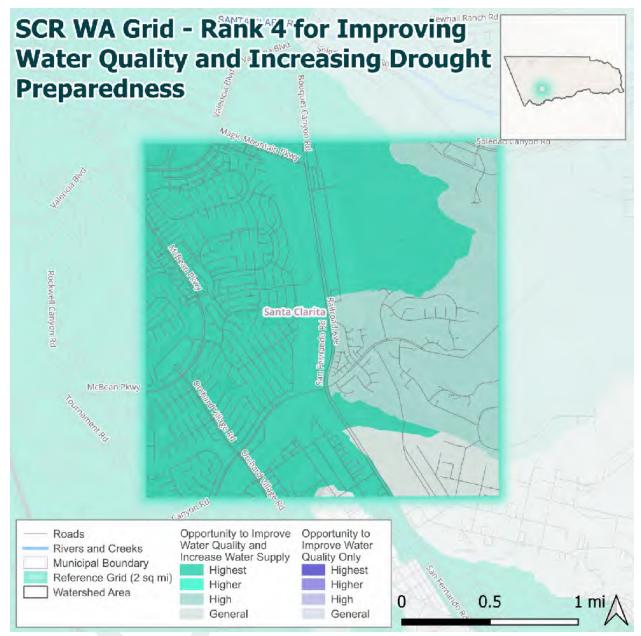


Figure J-45. Rank 4 Opportunity for Improving Water Quality and Increasing Water Supply

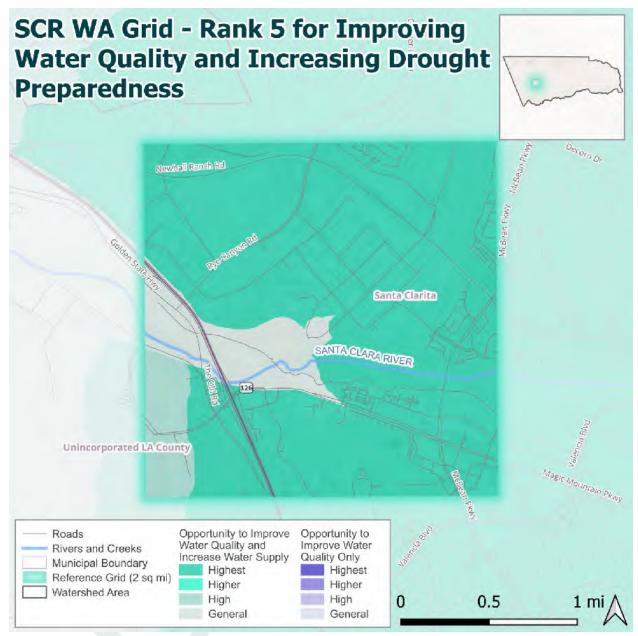


Figure J-46. Rank 5 Opportunity for Improving Water Quality and Increasing Water Supply

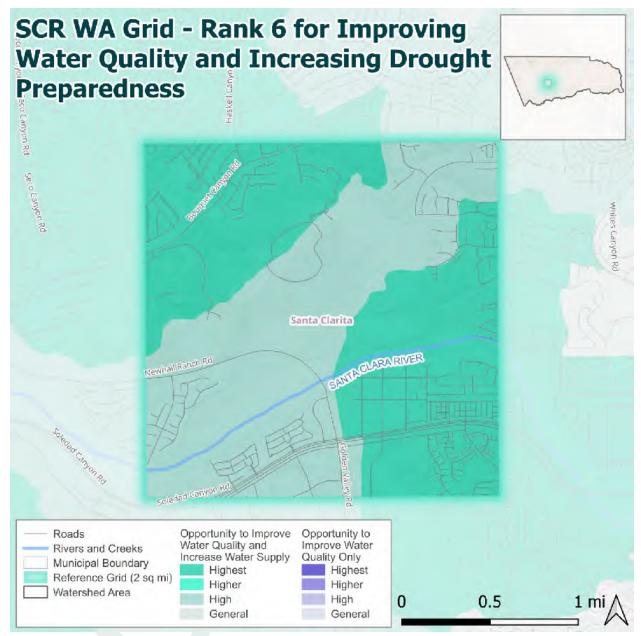


Figure J-47. Rank 6 Opportunity for Improving Water Quality and Increasing Water Supply

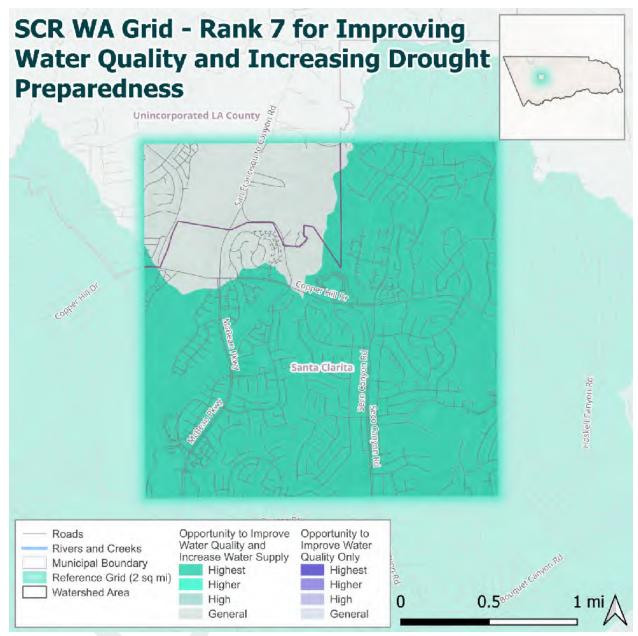


Figure J-48. Rank 7 Opportunity for Improving Water Quality and Increasing Water Supply

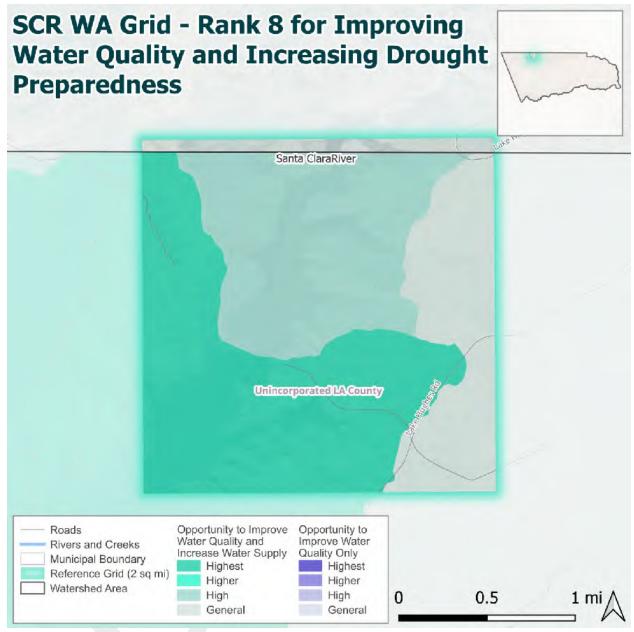


Figure J-49. Rank 8 Opportunity for Improving Water Quality and Increasing Water Supply

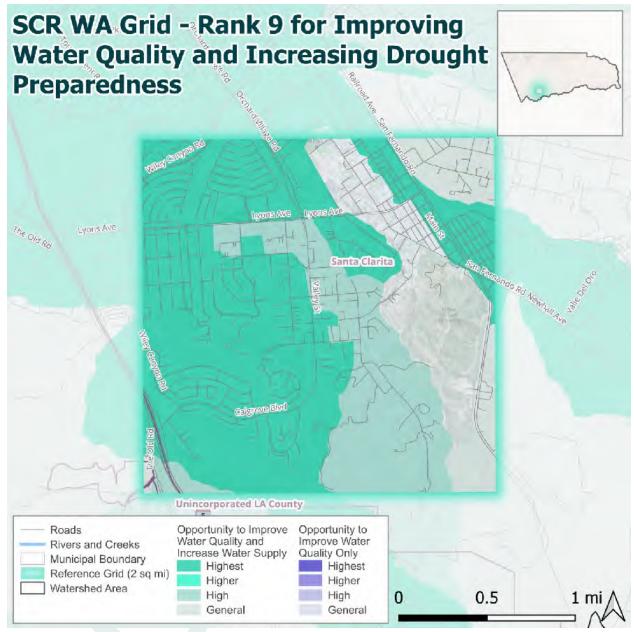


Figure J-50. Rank 9 Opportunity for Improving Water Quality and Increasing Water Supply

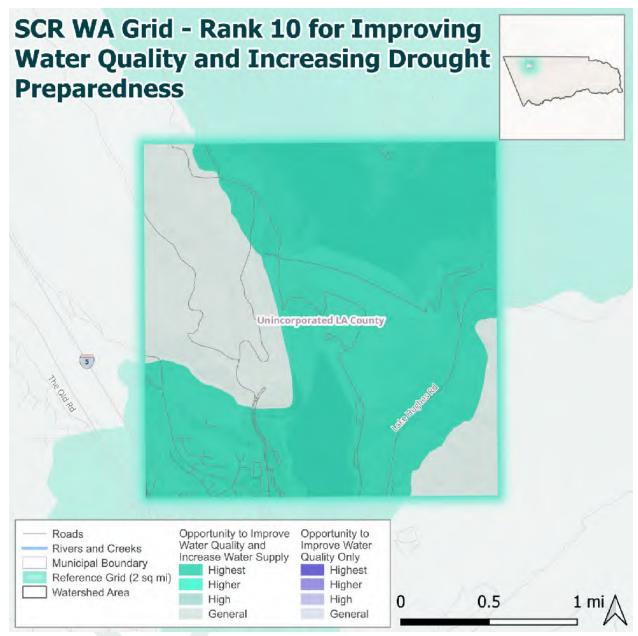


Figure J-51. Rank 10 Opportunity for Improving Water Quality and Increasing Water Supply

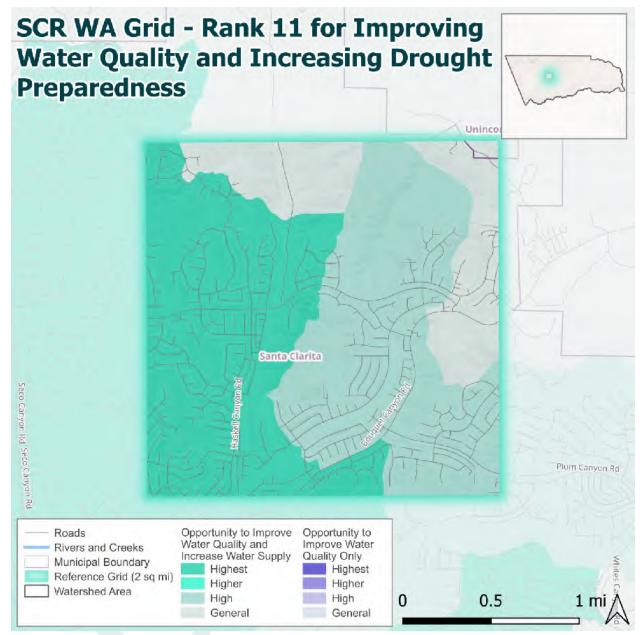


Figure J-52. Rank 11 Opportunity for Improving Water Quality and Increasing Water Supply

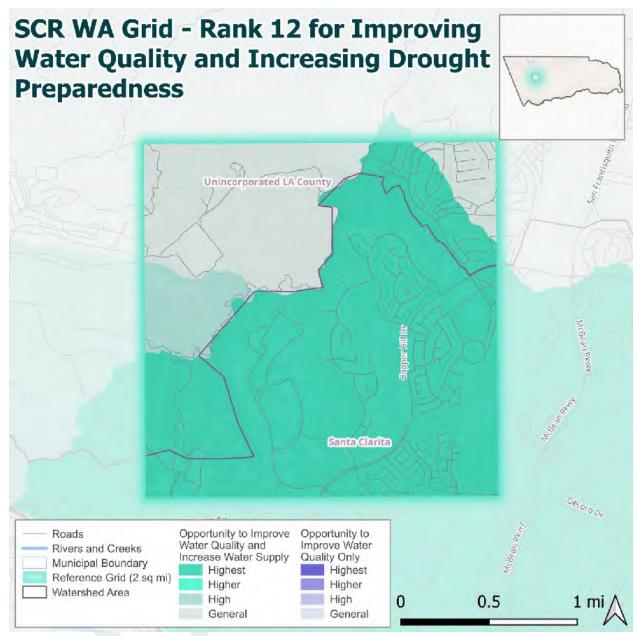


Figure J-53. Rank 12 Opportunity for Improving Water Quality and Increasing Water Supply

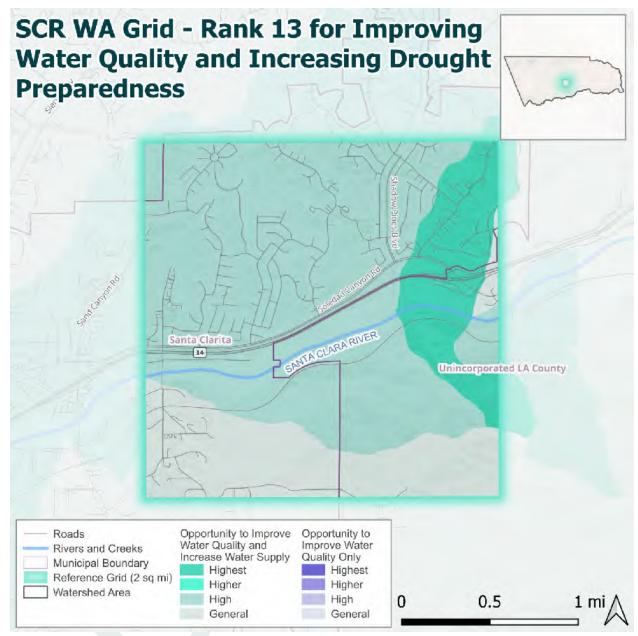


Figure J-54. Rank 13 Opportunity for Improving Water Quality and Increasing Water Supply

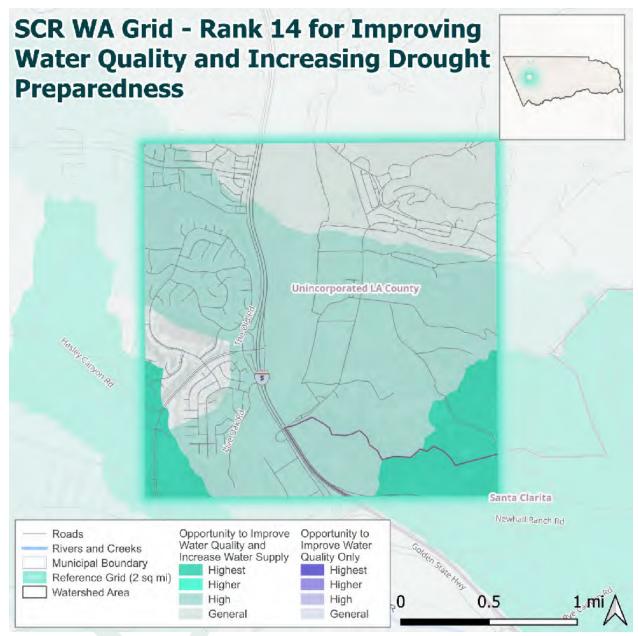


Figure J-55. Rank 14 Opportunity for Improving Water Quality and Increasing Water Supply

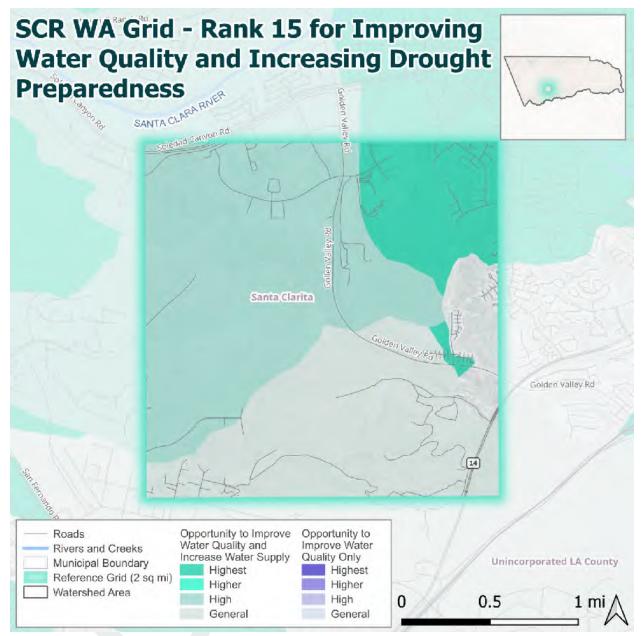


Figure J-56. Rank 15 Opportunity for Improving Water Quality and Increasing Water Supply

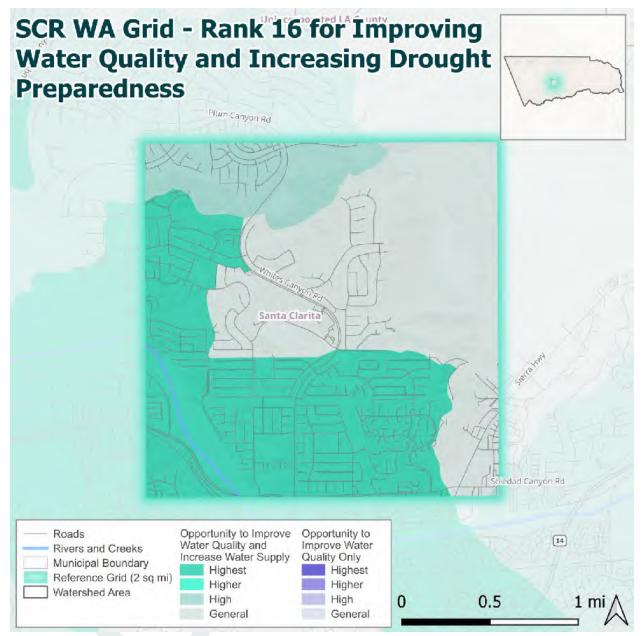


Figure J-57. Rank 16 Opportunity for Improving Water Quality and Increasing Water Supply

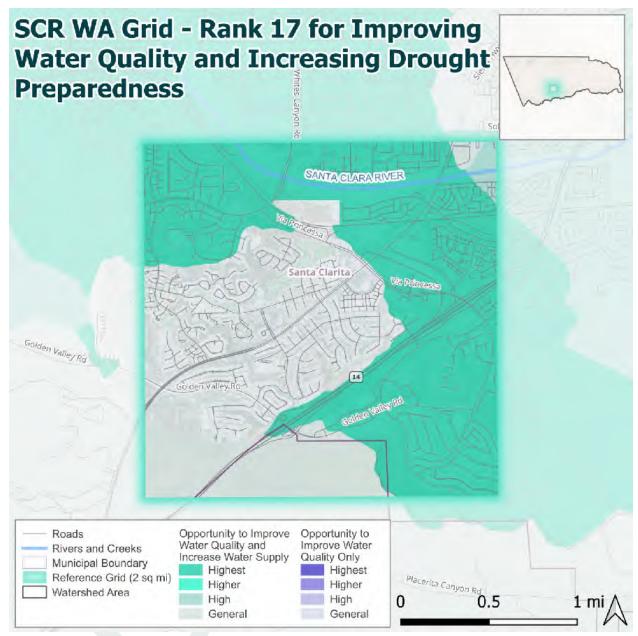


Figure J-58. Rank 17 Opportunity for Improving Water Quality and Increasing Water Supply

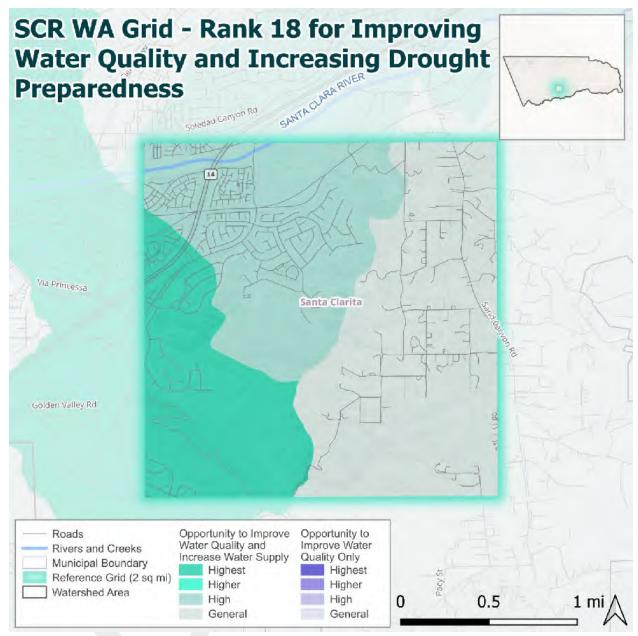


Figure J-59. Rank 18 Opportunity for Improving Water Quality and Increasing Water Supply

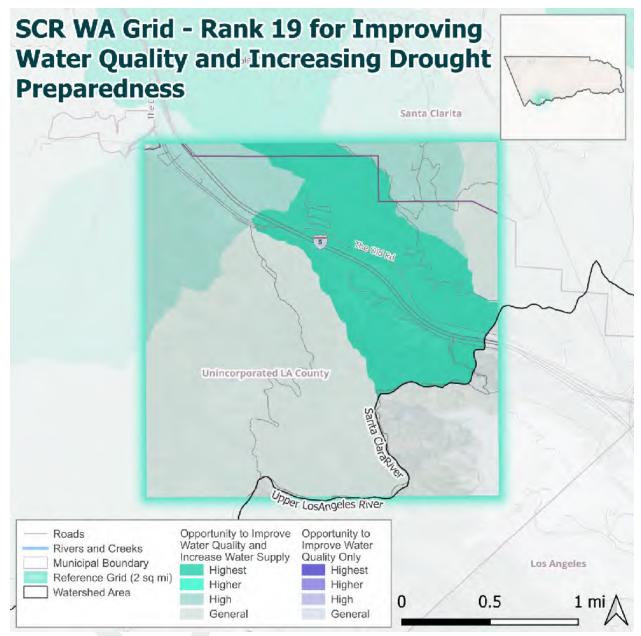


Figure J-60. Rank 19 Opportunity for Improving Water Quality and Increasing Water Supply

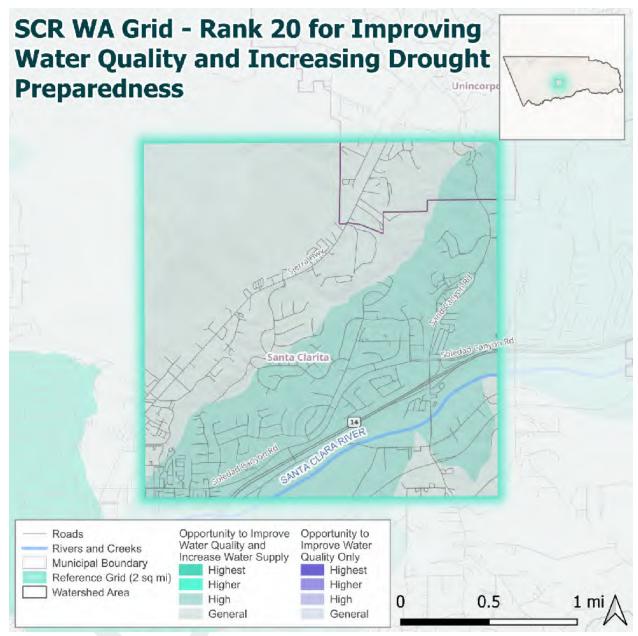


Figure J-61. Rank 20 Opportunity for Improving Water Quality and Increasing Water Supply

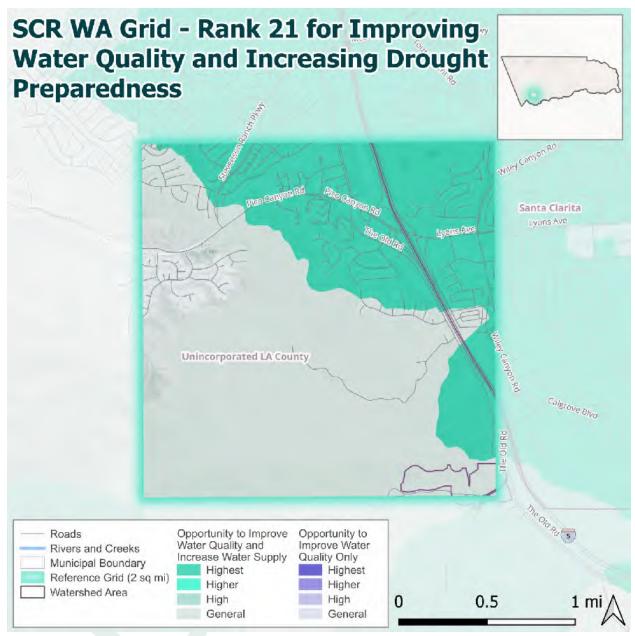


Figure J-62. Rank 21 Opportunity for Improving Water Quality and Increasing Water Supply

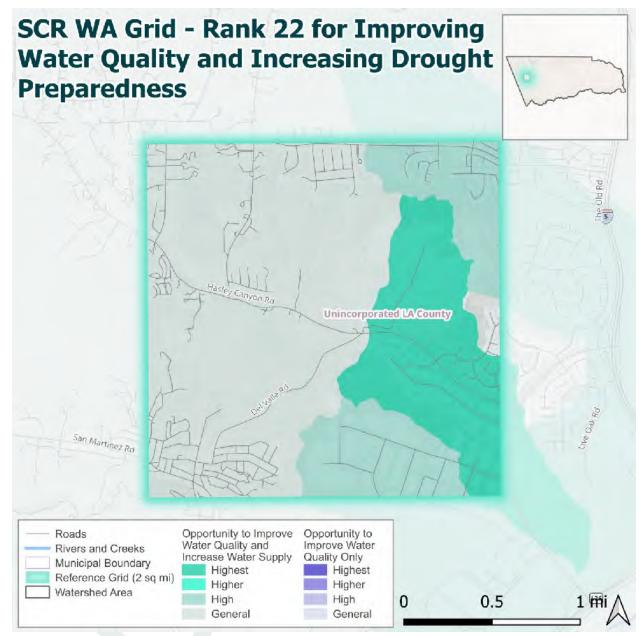


Figure J-63. Rank 22 Opportunity for Improving Water Quality and Increasing Water Supply

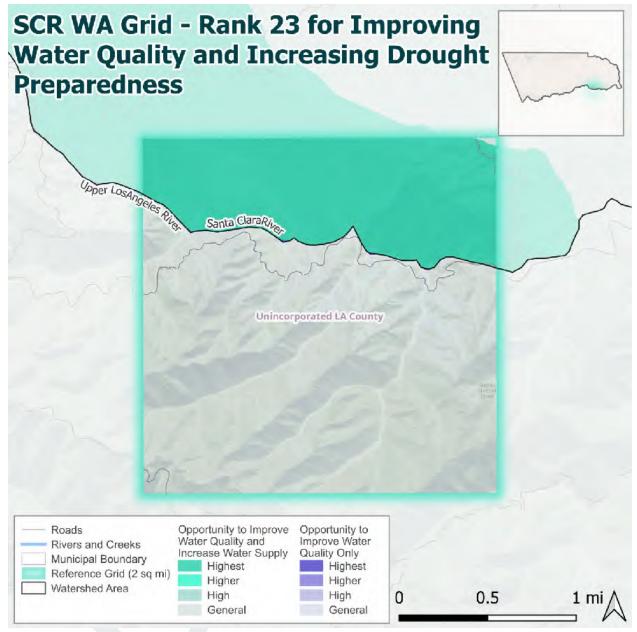


Figure J-64. Rank 23 Opportunity for Improving Water Quality and Increasing Water Supply

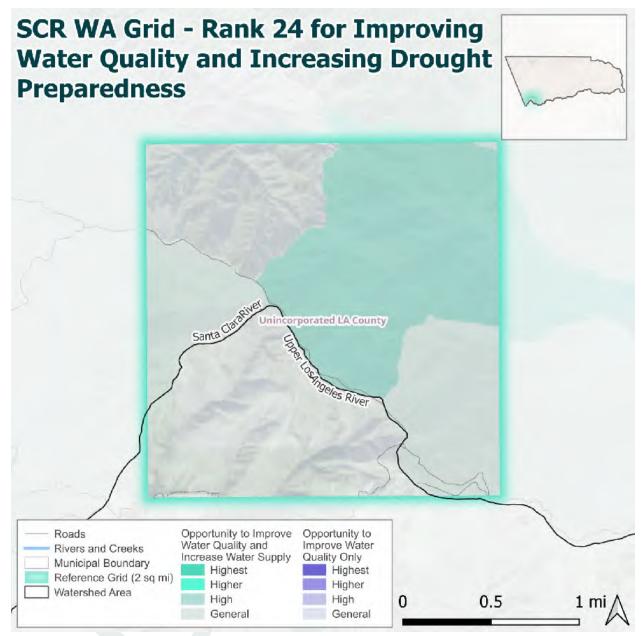


Figure J-65. Rank 24 Opportunity for Improving Water Quality and Increasing Water Supply

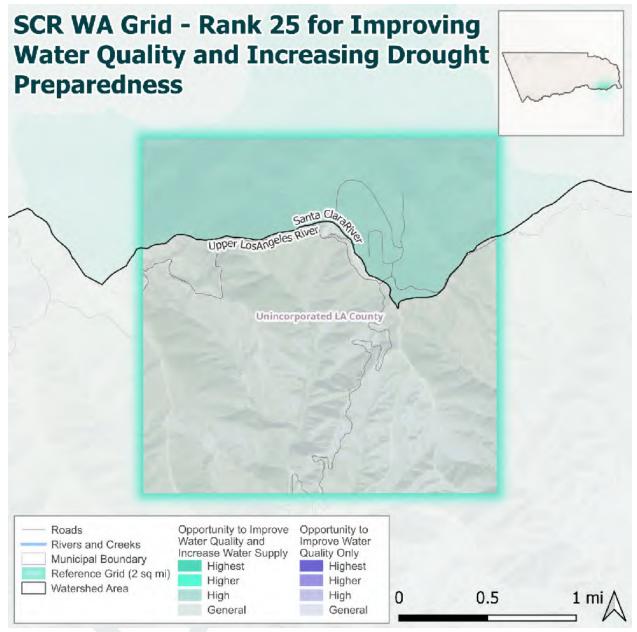


Figure J-66. Rank 25 Opportunity for Improving Water Quality and Increasing Water Supply

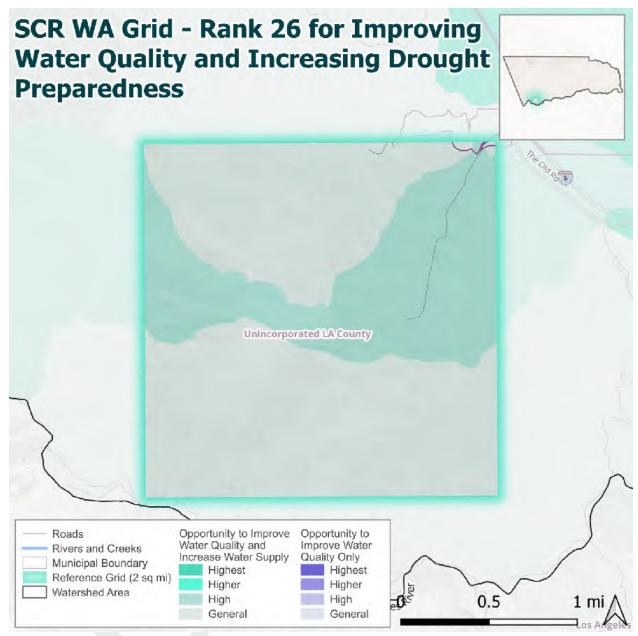


Figure J-67. Rank 26 Opportunity for Improving Water Quality and Increasing Water Supply

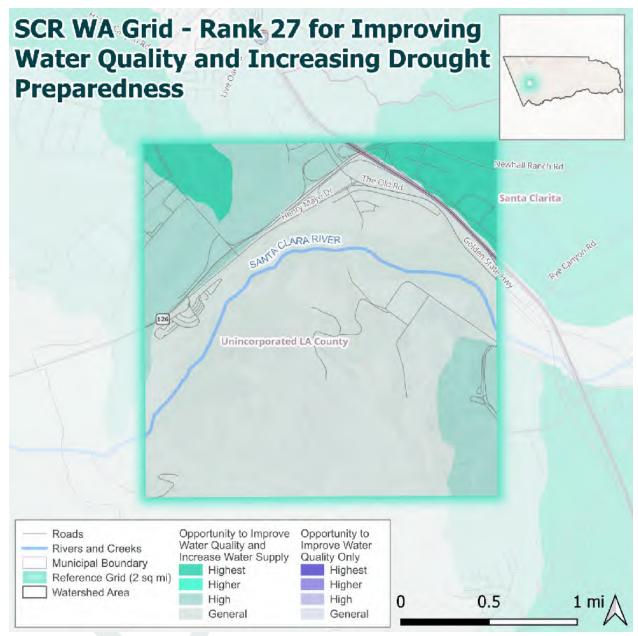


Figure J-68. Rank 27 Opportunity for Improving Water Quality and Increasing Water Supply

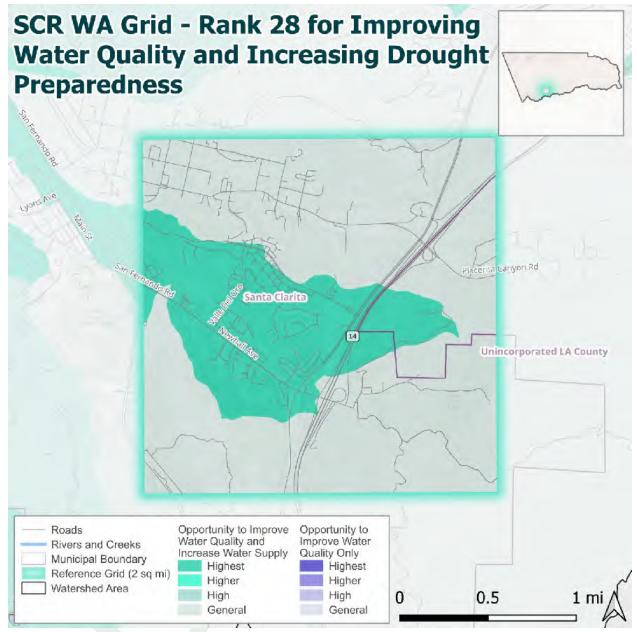


Figure J-69. Rank 28 Opportunity for Improving Water Quality and Increasing Water Supply

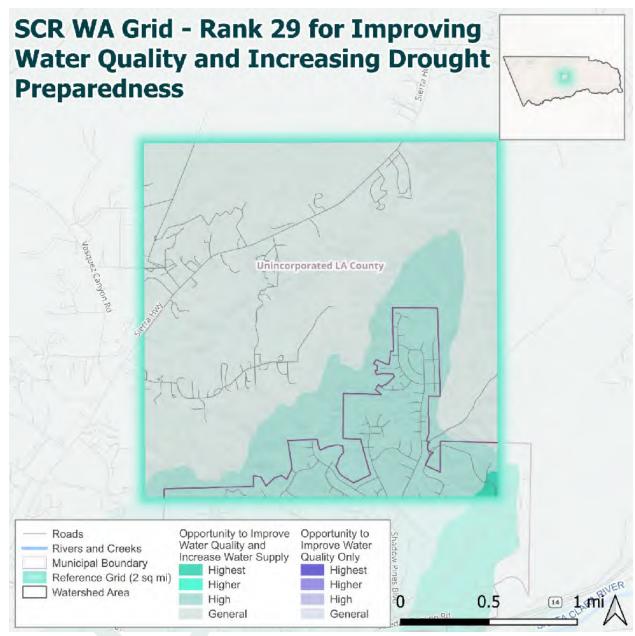


Figure J-70. Rank 29 Opportunity for Improving Water Quality and Increasing Water Supply

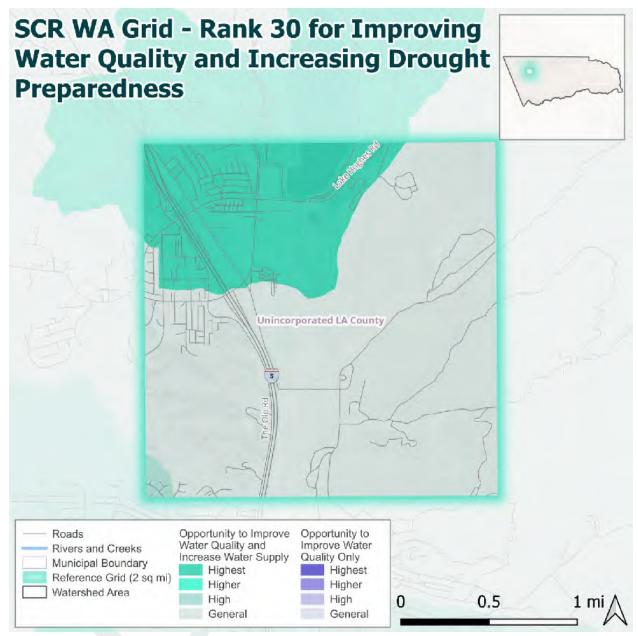


Figure J-71. Rank 30 Opportunity for Improving Water Quality and Increasing Water Supply

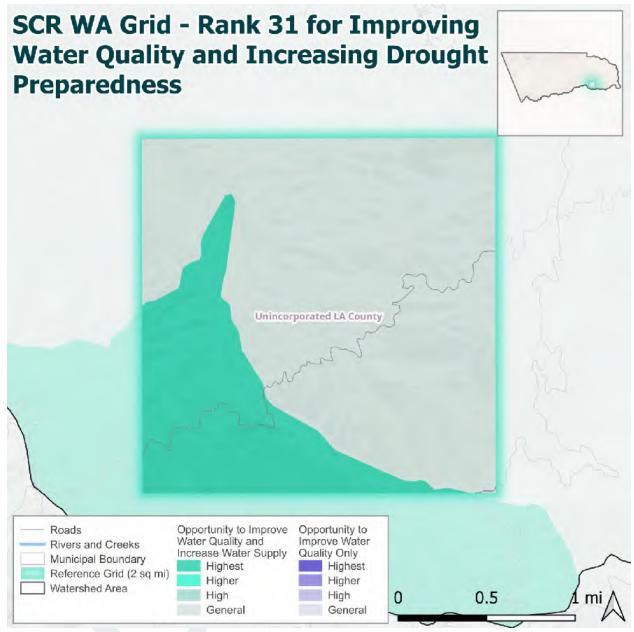


Figure J-72. Rank 31 Opportunity for Improving Water Quality and Increasing Water Supply

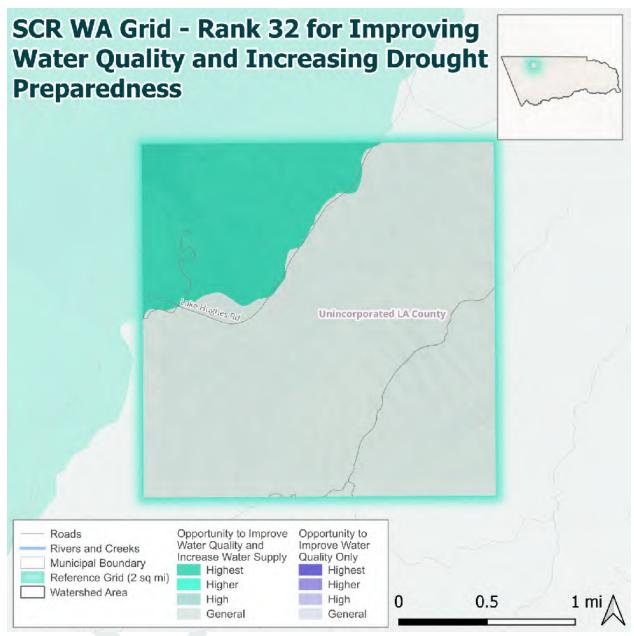


Figure J-73. Rank 32 Opportunity for Improving Water Quality and Increasing Water Supply

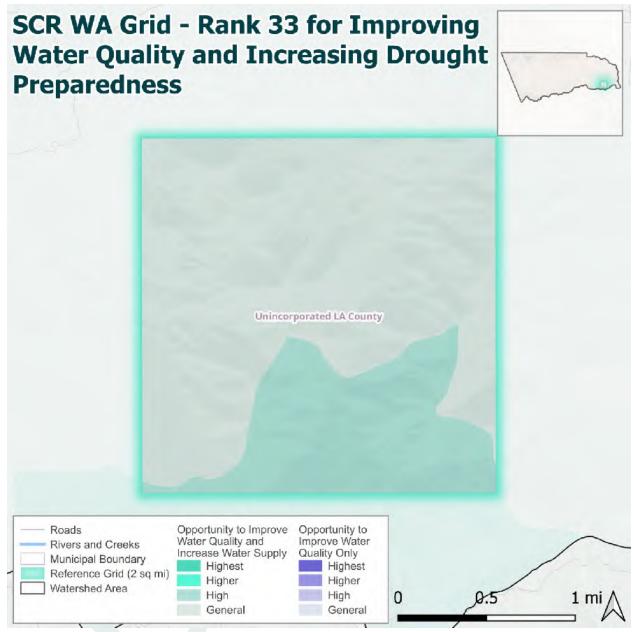


Figure J-74. Rank 33 Opportunity for Improving Water Quality and Increasing Water Supply

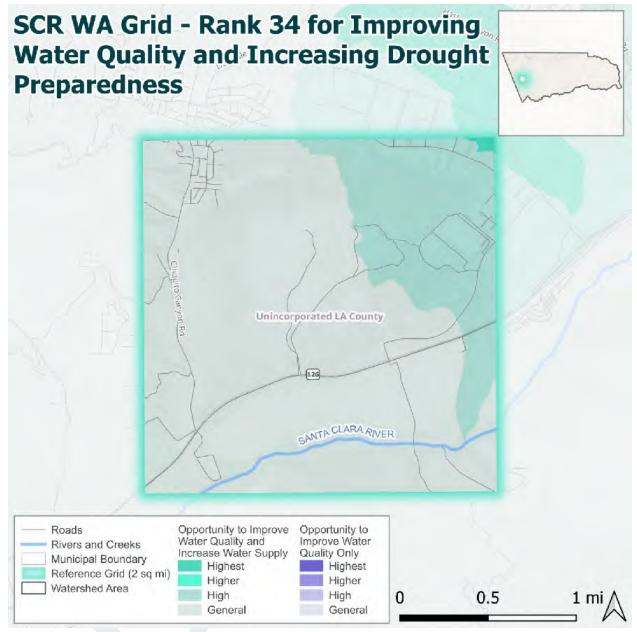


Figure J-75. Rank 34 Opportunity for Improving Water Quality and Increasing Water Supply

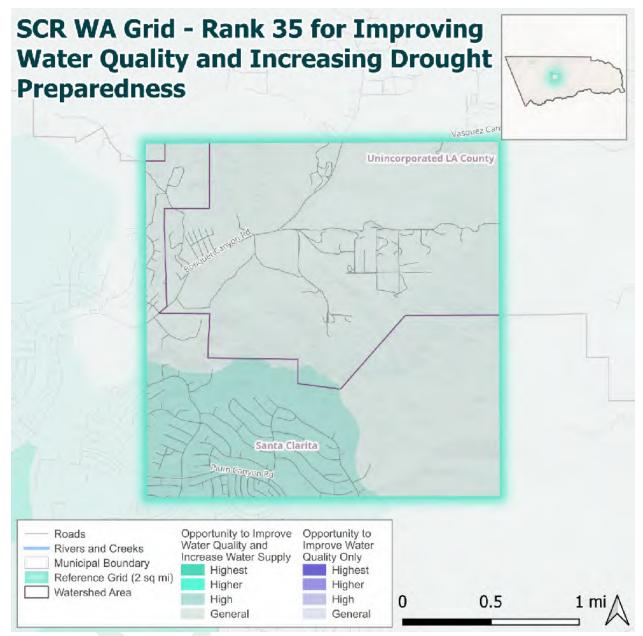


Figure J-76. Rank 35 Opportunity for Improving Water Quality and Increasing Water Supply

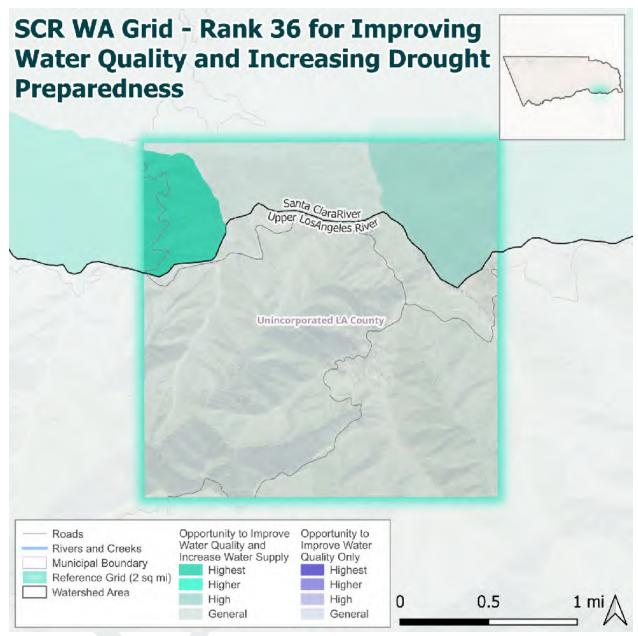


Figure J-77. Rank 36 Opportunity for Improving Water Quality and Increasing Water Supply

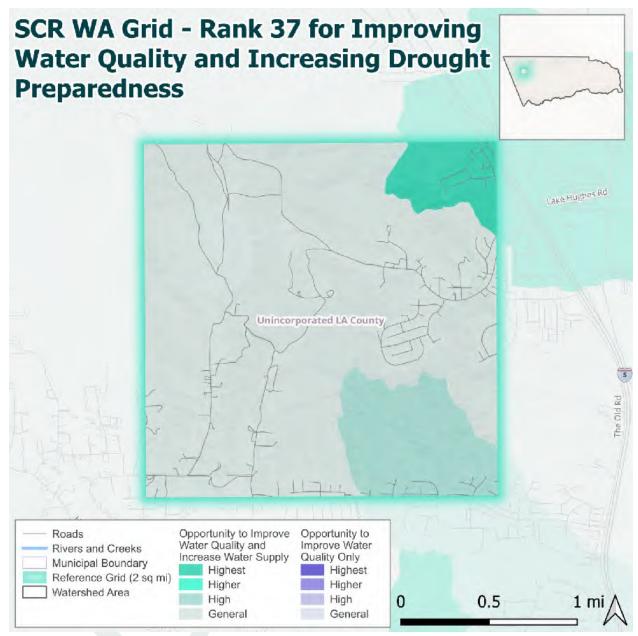


Figure J-78. Rank 37 Opportunity for Improving Water Quality and Increasing Water Supply

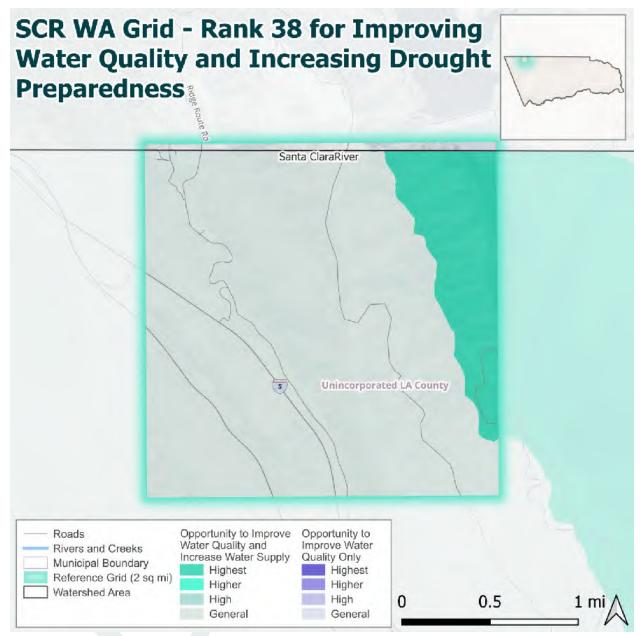


Figure J-79. Rank 38 Opportunity for Improving Water Quality and Increasing Water Supply

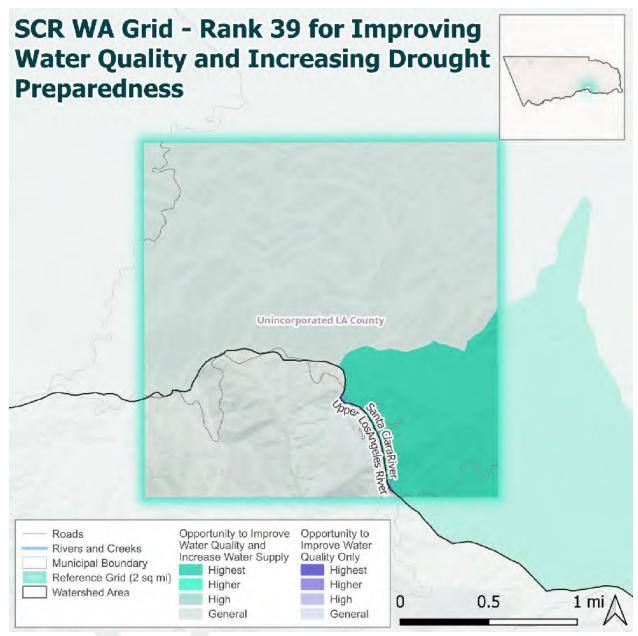


Figure J-80. Rank 39 Opportunity for Improving Water Quality and Increasing Water Supply

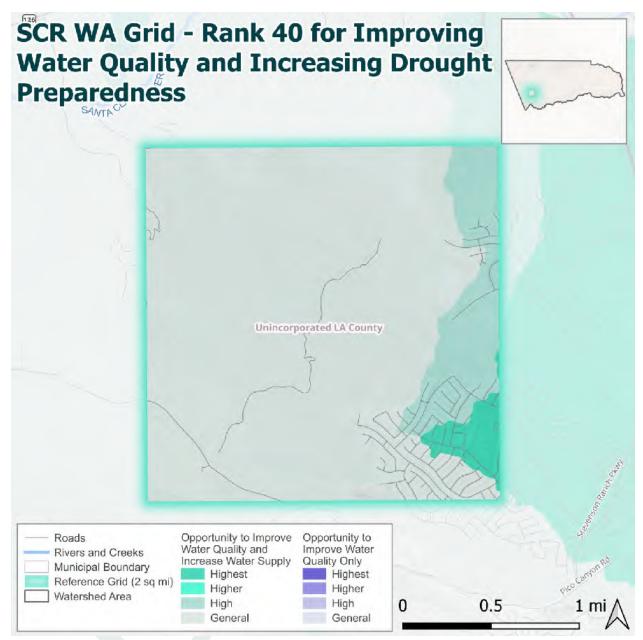


Figure J-81. Rank 40 Opportunity for Improving Water Quality and Increasing Water Supply

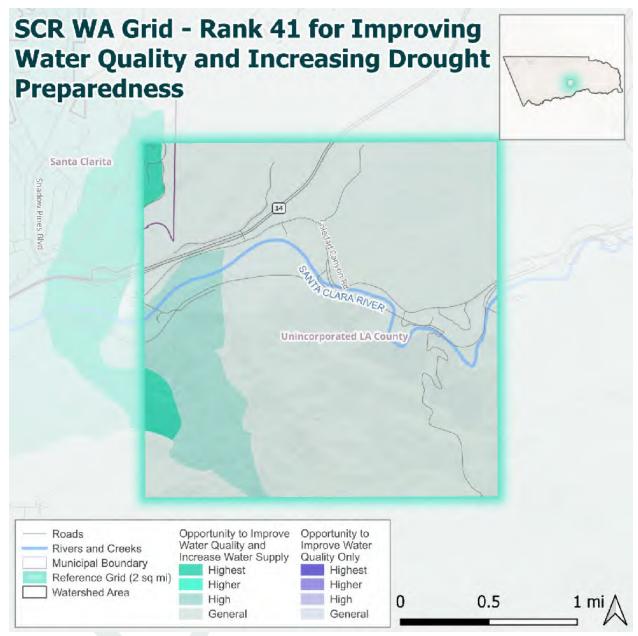


Figure J-82. Rank 41 Opportunity for Improving Water Quality and Increasing Water Supply

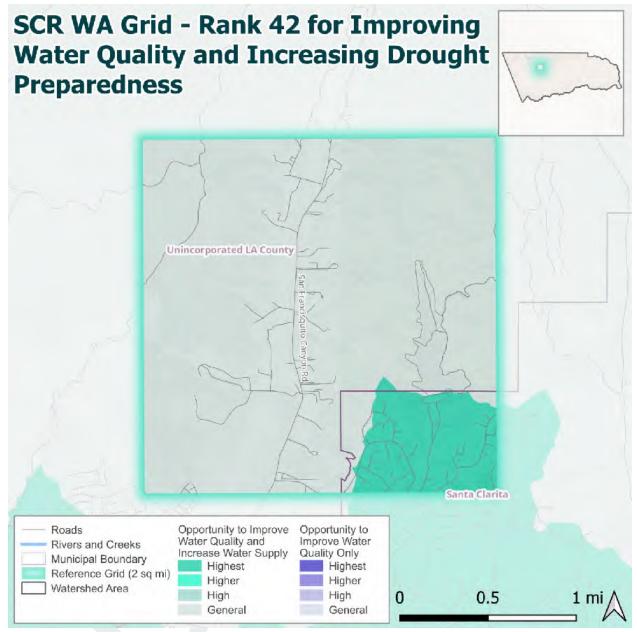


Figure J-83. Rank 42 Opportunity for Improving Water Quality and Increasing Water Supply

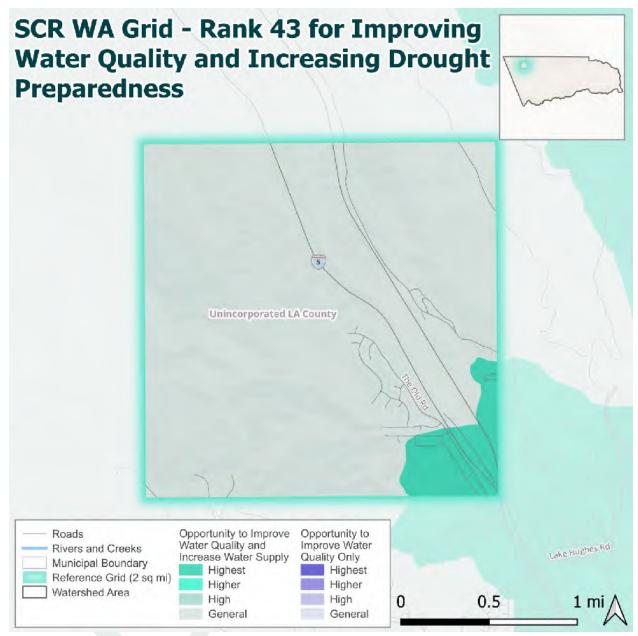


Figure J-84. Rank 43 Opportunity for Improving Water Quality and Increasing Water Supply

J.2.2 Municipality Maps



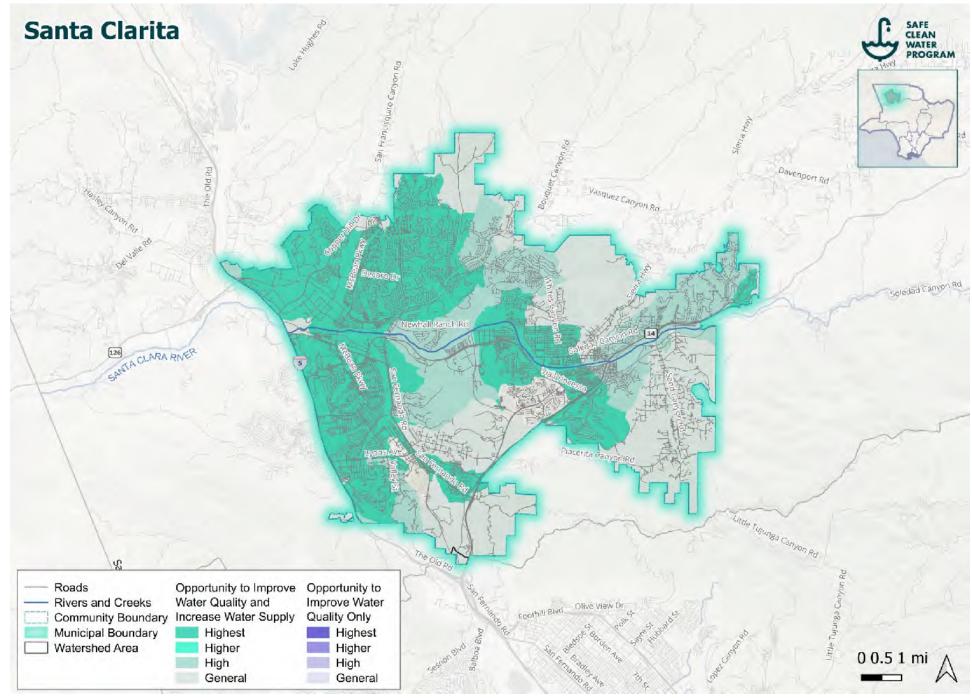


Figure J-85. Santa Clarita Opportunity for Improving Water Quality and Increasing Water Supply

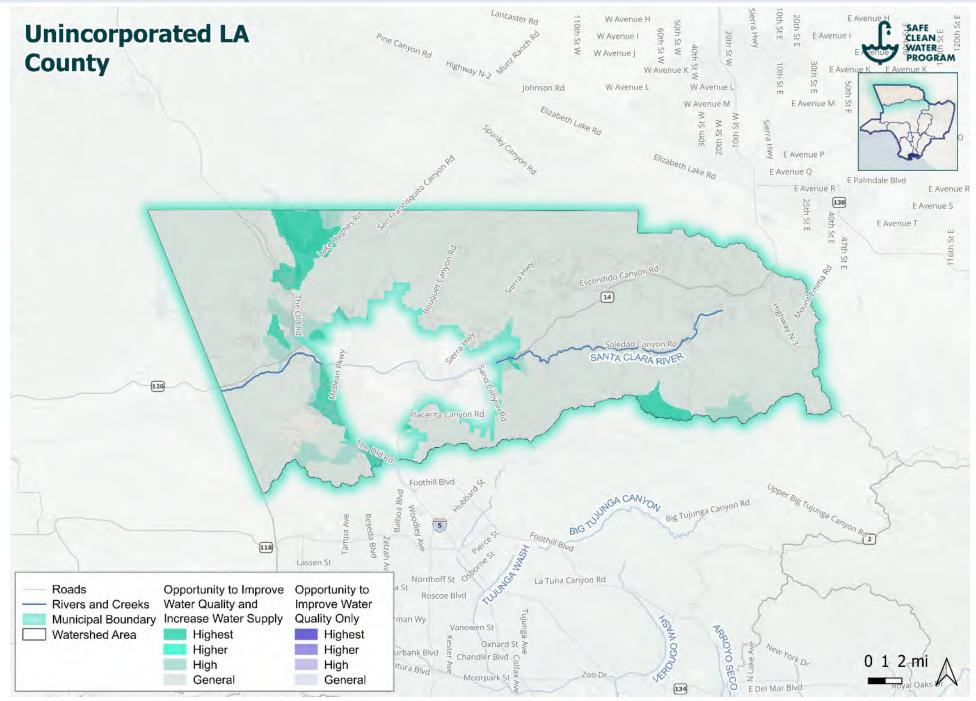


Figure J-86. Unincorporated LA County Opportunity for Improving Water Quality and Increasing Water Supply

J.2.3 Supervisorial District Maps



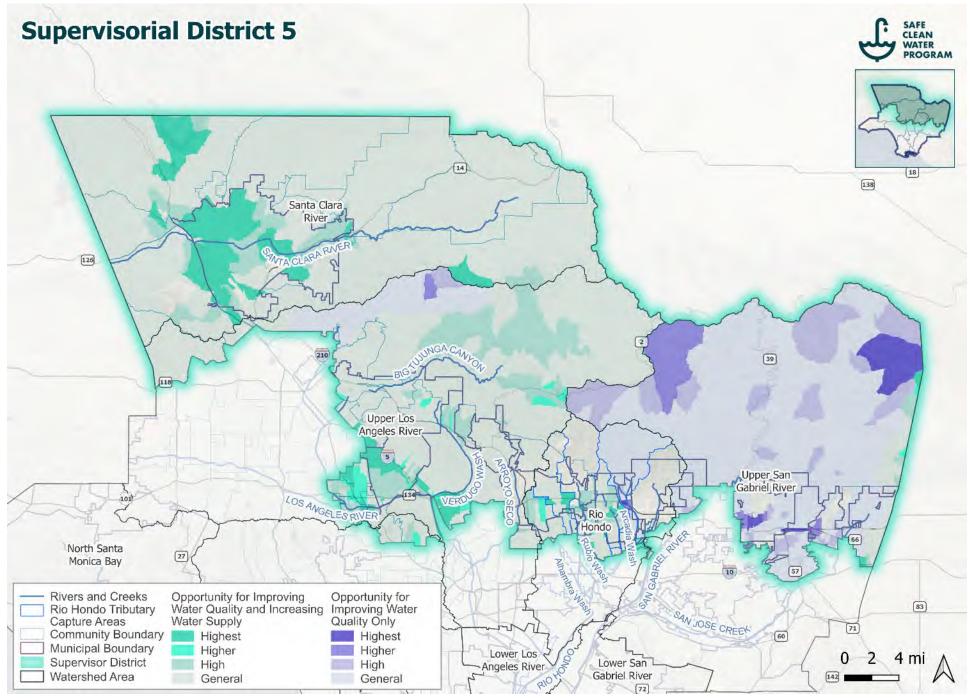


Figure J-87. Supervisorial District 5 Opportunity for Improving Water Quality and Increasing Water Supply