



DRAFT Initial Watershed Plan Appendix J

Lower Los Angeles River Watershed Area

Table of Contents

| J-1 |
|--------------|
| J - 4 |
| J-5 |
| -29 |
| -48 |
| -51 |
| -52 |
| -69 |
| -88 |
| _ |

List of Figures

| Figure J-1. Screenshot of the multi benefit opportunity across Planning Themes on | the |
|---|-----|
| SCW Program Watershed Planning Tool | J-2 |
| Figure J-2. Screenshot of the opportunity to Improve Water Quality and Increase | |
| Water Supply on the SCW Program Watershed Planning Tool | J-3 |
| Figure J-3. Rank 1 Multiple Benefit Opportunity Across Planning Themes | J-5 |
| Figure J-4. Rank 2 Multiple Benefit Opportunity Across Planning Themes | J-6 |
| Figure J-5. Rank 3 Multiple Benefit Opportunity Across Planning Themes | J-7 |

| Figure J-6. Rank 4 Multiple Benefit Opportunity Across Planning Themes | J-8 |
|---|--------------|
| Figure J-7. Rank 5 Multiple Benefit Opportunity Across Planning Themes | J - 9 |
| Figure J-8. Rank 6 Multiple Benefit Opportunity Across Planning Themes | J-10 |
| Figure J-9. Rank 7 Multiple Benefit Opportunity Across Planning Themes | J-11 |
| Figure J-10. Rank 8 Multiple Benefit Opportunity Across Planning Themes | J-12 |
| Figure J-11. Rank 9 Multiple Benefit Opportunity Across Planning Themes | J-13 |
| Figure J-12. Rank 10 Multiple Benefit Opportunity Across Planning Themes | J-14 |
| Figure J-13. Rank 11 Multiple Benefit Opportunity Across Planning Themes | J-15 |
| Figure J-14. Rank 12 Multiple Benefit Opportunity Across Planning Themes | J-16 |
| Figure J-15. Rank 13 Multiple Benefit Opportunity Across Planning Themes | J-17 |
| Figure J-16. Rank 14 Multiple Benefit Opportunity Across Planning Themes | J-18 |
| Figure J-17. Rank 15 Multiple Benefit Opportunity Across Planning Themes | J-19 |
| Figure J-18. Rank 16 Multiple Benefit Opportunity Across Planning Themes | J-20 |
| Figure J-19. Rank 17 Multiple Benefit Opportunity Across Planning Themes | J-21 |
| Figure J-20. Rank 18 Multiple Benefit Opportunity Across Planning Themes | J-22 |
| Figure J-21. Rank 19 Multiple Benefit Opportunity Across Planning Themes | J-23 |
| Figure J-22. Rank 20 Multiple Benefit Opportunity Across Planning Themes | J-24 |
| Figure J-23. Rank 21 Multiple Benefit Opportunity Across Planning Themes | J-25 |
| Figure J-24. Rank 22 Multiple Benefit Opportunity Across Planning Themes | J-26 |
| Figure J-25. Rank 23 Multiple Benefit Opportunity Across Planning Themes | J-27 |
| Figure J-26. Rank 24 Multiple Benefit Opportunity Across Planning Themes | J-28 |
| Figure J-27. Bell Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-28. Bell Gardens Multiple Benefit Opportunity Across Planning Themes | J-31 |
| Figure J-29. Carson Multiple Benefit Opportunity Across Planning Themes | J-32 |
| Figure J-30. Commerce Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-31. Compton Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-32. Cudahy Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-33. Downey Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-34. Huntington Park Multiple Benefit Opportunity Across Planning Theme | S |
| | |
| Figure J-35. Lakewood Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-36. Long Beach Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-37. Lynwood Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-38. Maywood Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-39. Paramount Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-40. Pico Rivera Multiple Benefit Opportunity Across Planning Themes | J-43 |
| Figure J-41. Signal Hill Multiple Benefit Opportunity Across Planning Themes | |
| Figure J-42. South Gate Multiple Benefit Opportunity Across Planning Themes | J-45 |
| Figure J-43. Unincorporated LA County Opportunity for Multiple Benefits Across | |
| Planning Themes | J-46 |

| Figure J-44. Vernon Multiple Benefit Opportunity Across Planning ThemesJ-47 |
|--|
| Figure J-45. Supervisorial District 2 Multiple Benefit Opportunity Across Planning |
| Themes |
| Figure J-46. Supervisorial District 4 Multiple Benefit Opportunity Across Planning |
| Themes |
| Figure J-47. Rank 1 Opportunity for Improving Water Quality and Increasing Water |
| SupplyJ-52 |
| Figure J-48. Rank 2 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-49. Rank 3 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-50. Rank 4 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-51. Rank 5 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-52. Rank 6 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-53. Rank 7 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-54. Rank 8 Opportunity for Improving Water Quality and Increasing Water |
| SupplyJ-59 |
| Figure J-55. Rank 9 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-56. Rank 10 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-57. Rank 11 Opportunity for Improving Water Quality and Increasing Water |
| SupplyJ-62 |
| Figure J-58. Rank 12 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-59. Rank 13 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-60. Rank 14 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-61. Rank 15 Opportunity for Improving Water Quality and Increasing Water |
| SupplyJ-66 |
| Figure J-62. Rank 16 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-63. Rank 17 Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Gappiy |

| Figure J-64. Bell Opportunity for Improving Water Quality and Increasing Water Supply |
|---|
| Figure J-65. Bell Gardens Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-66. Carson Opportunity for Improving Water Quality and Increasing Water |
| Supply |
| Figure J-68. Compton Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-69. Cudahy Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-70. Downey Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-71. Huntington Park Opportunity for Improving Water Quality and Increasing |
| Water Supply |
| Supply |
| Figure J-74. Lynwood Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-75. Maywood Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-76. Paramount Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-77. Pico Rivera Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-78. Signal Hill Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-79. South Gate Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-80. Unincorporated LA County Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-81. Vernon Opportunity for Improving Water Quality and Increasing Water Supply |
| Figure J-82. Supervisorial District 2 Opportunity for Improving Water Quality and |
| Increasing Water Supply |
| Increasing Water SupplyJ-90 |

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.

Figure J-1 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.

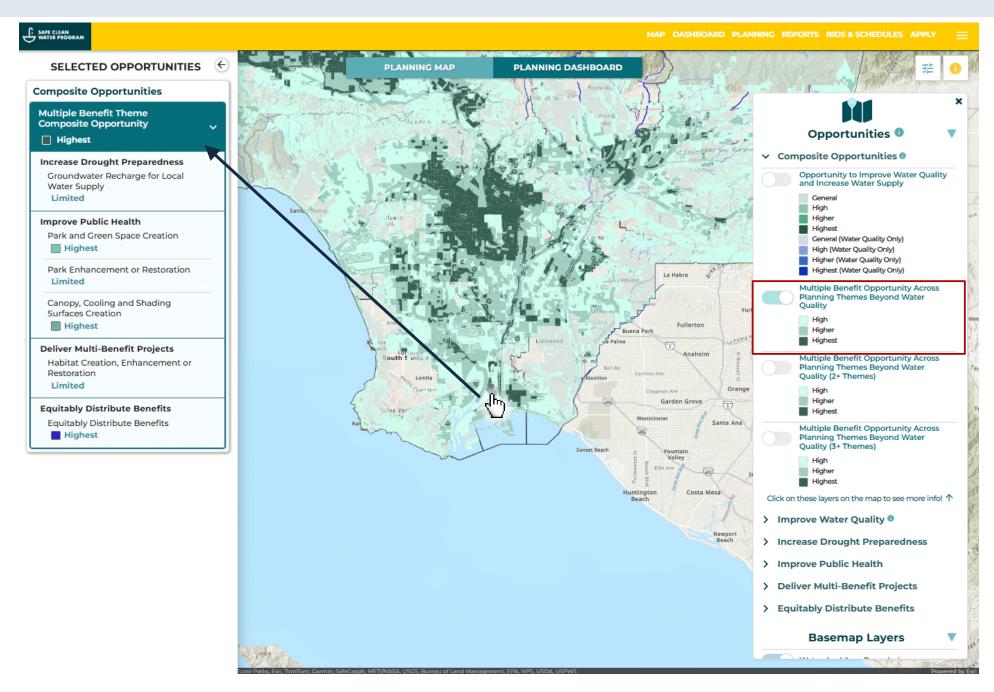


Figure J-1. Screenshot of the multi benefit opportunity across Planning Themes on the SCW Program Watershed Planning Tool

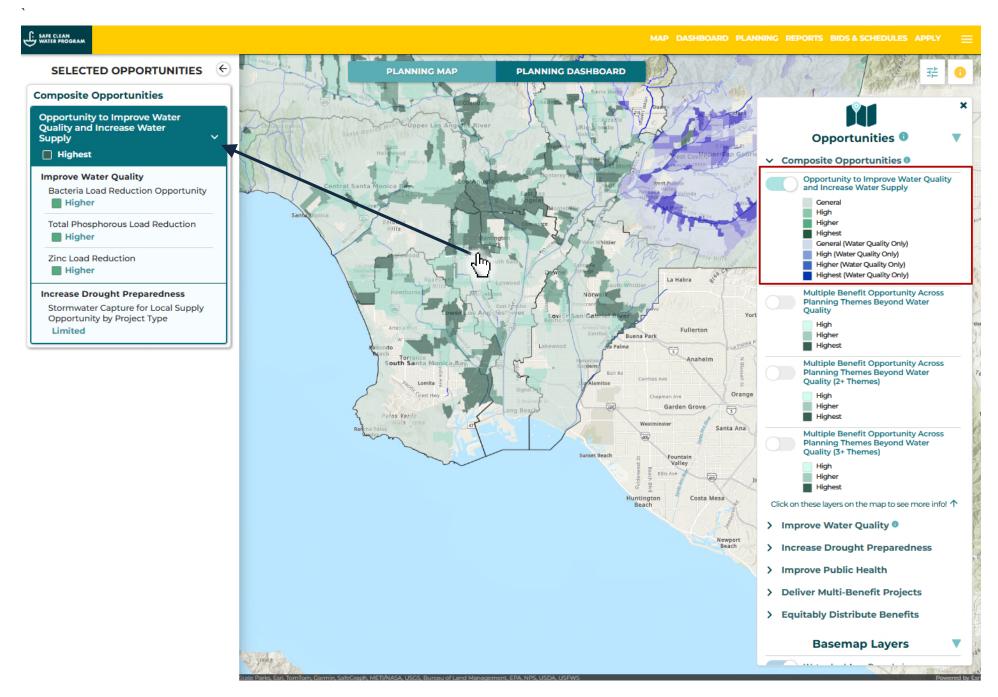


Figure J-2. Screenshot of the opportunity to Improve Water Quality and Increase Water Supply on the SCW Program Watershed Planning Tool

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

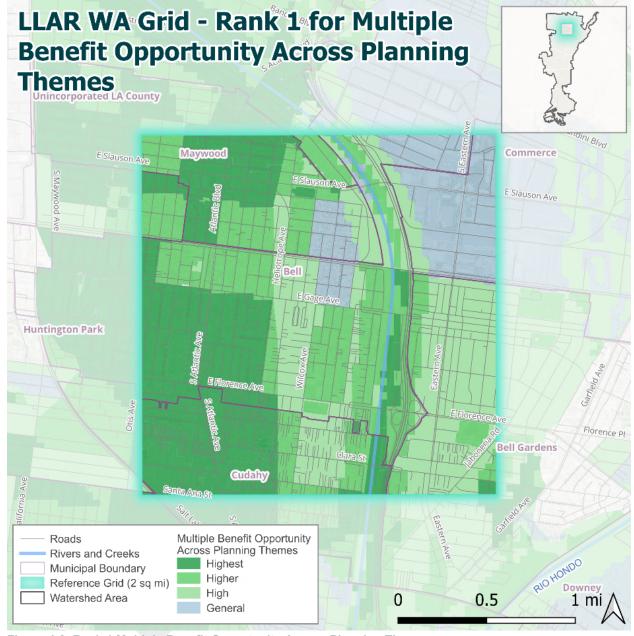


Figure J-3. Rank 1 Multiple Benefit Opportunity Across Planning Themes

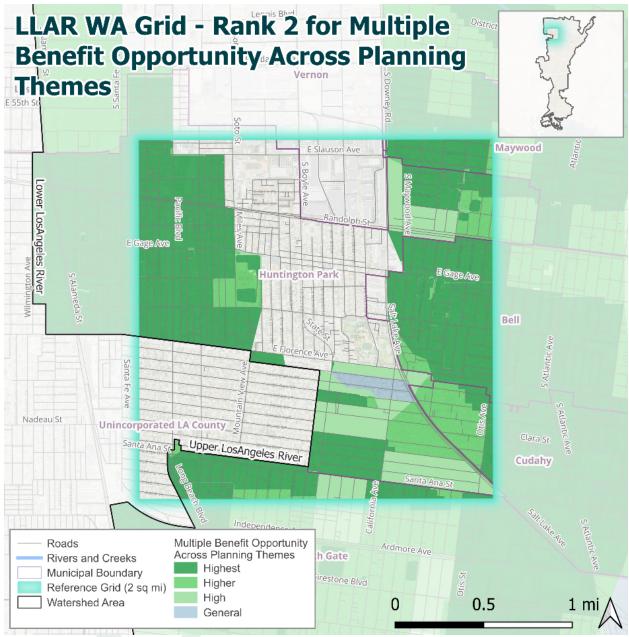


Figure J-4. Rank 2 Multiple Benefit Opportunity Across Planning Themes

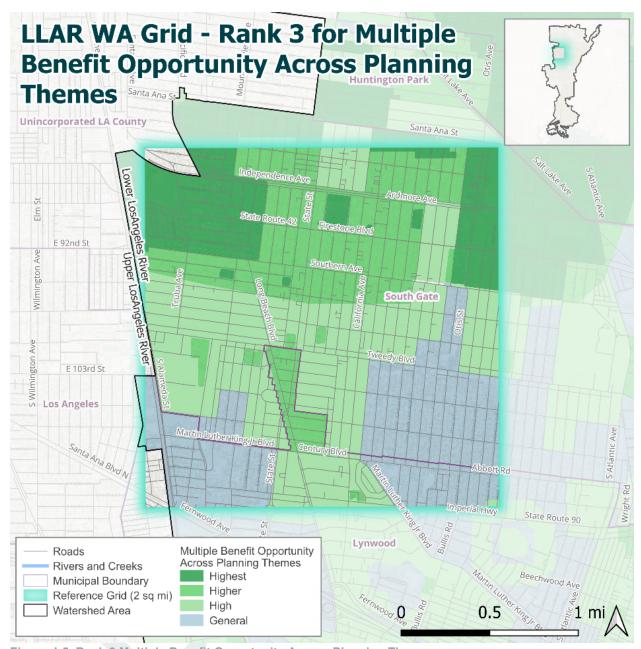


Figure J-5. Rank 3 Multiple Benefit Opportunity Across Planning Themes

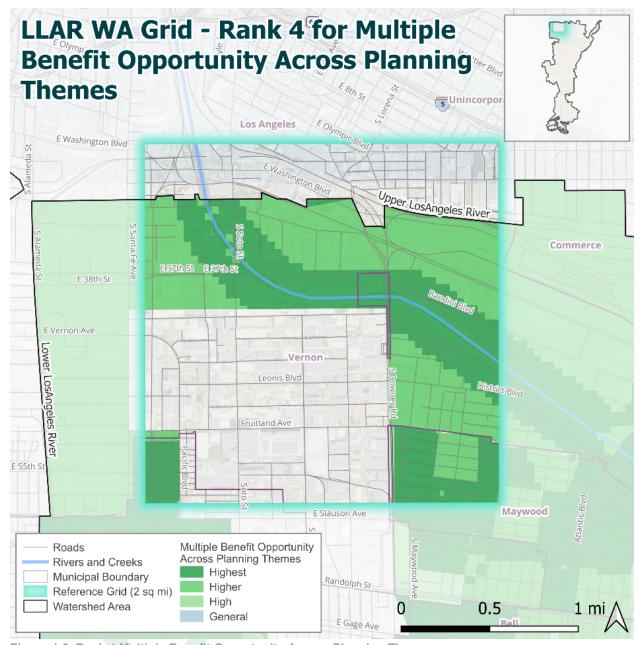


Figure J-6. Rank 4 Multiple Benefit Opportunity Across Planning Themes

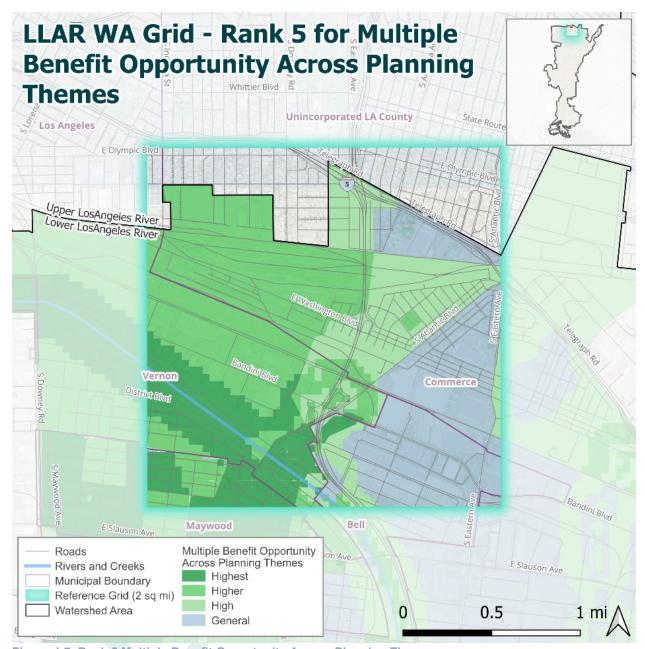


Figure J-7. Rank 5 Multiple Benefit Opportunity Across Planning Themes

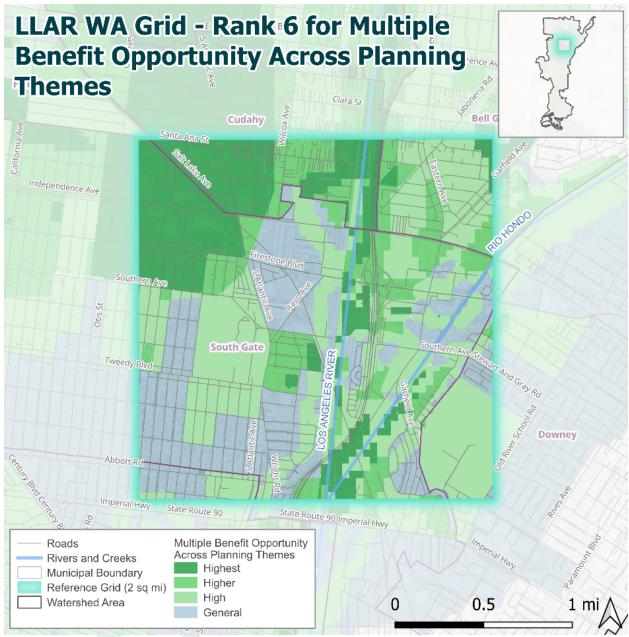


Figure J-8. Rank 6 Multiple Benefit Opportunity Across Planning Themes

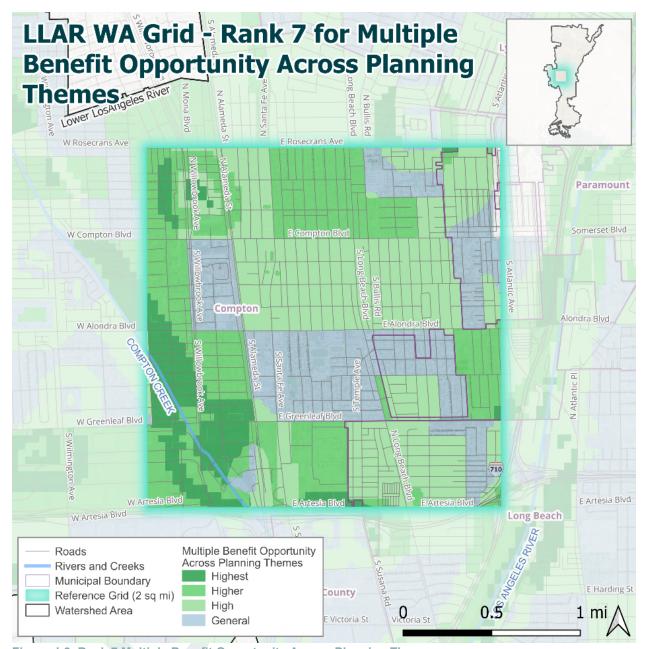


Figure J-9. Rank 7 Multiple Benefit Opportunity Across Planning Themes

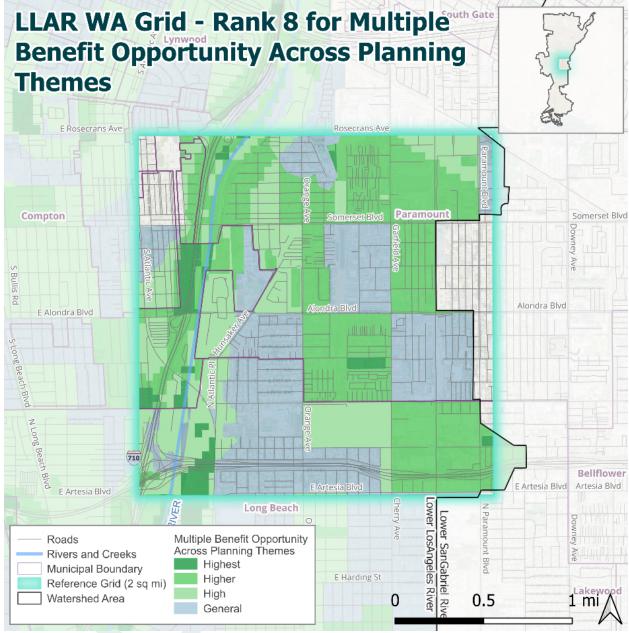


Figure J-10. Rank 8 Multiple Benefit Opportunity Across Planning Themes

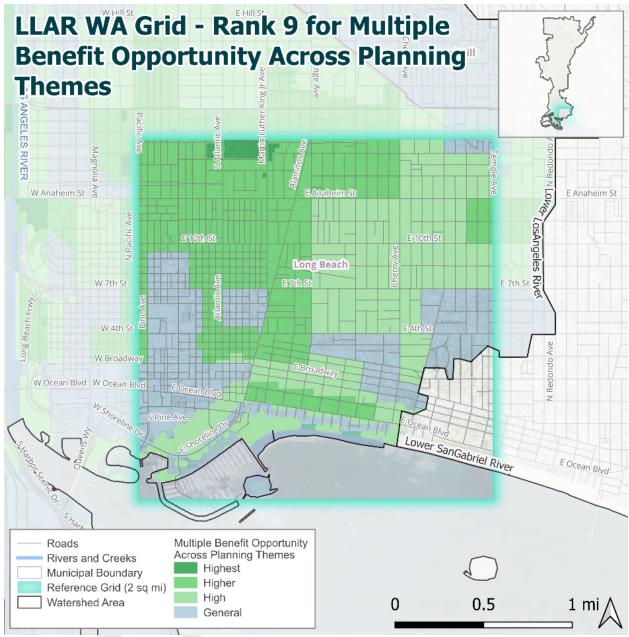


Figure J-11. Rank 9 Multiple Benefit Opportunity Across Planning Themes

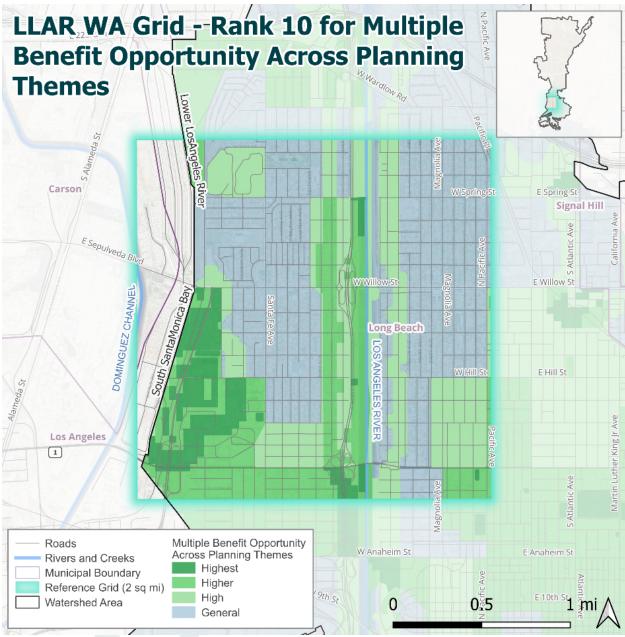


Figure J-12. Rank 10 Multiple Benefit Opportunity Across Planning Themes

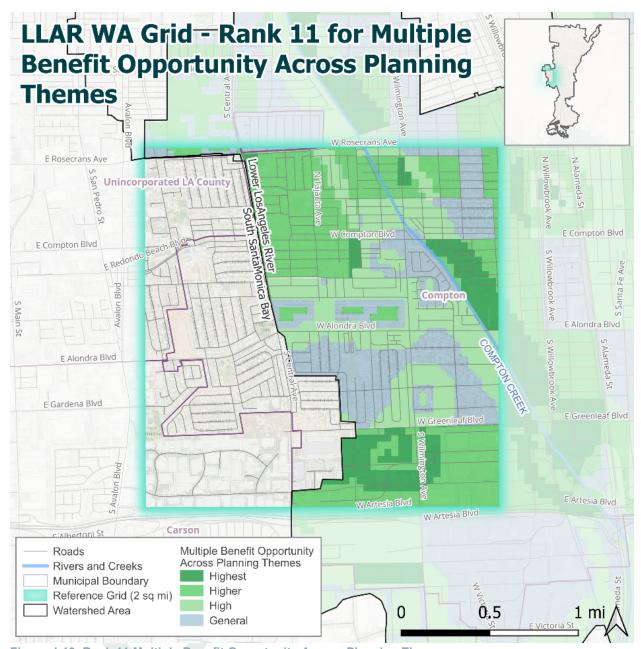


Figure J-13. Rank 11 Multiple Benefit Opportunity Across Planning Themes

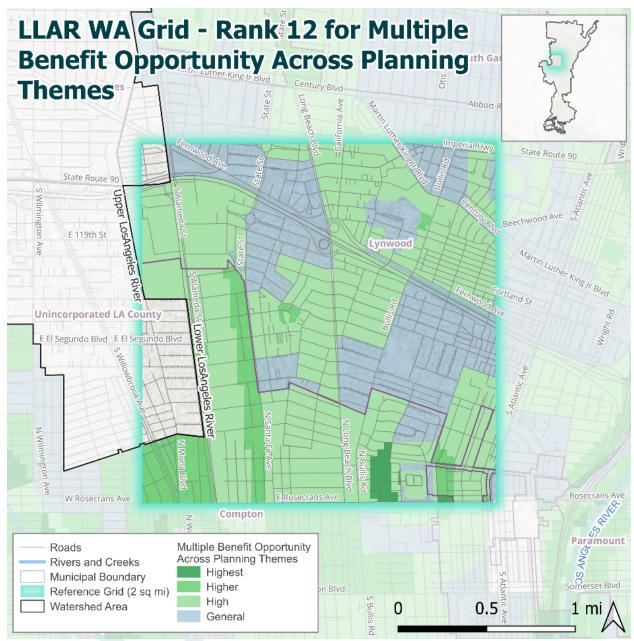


Figure J-14. Rank 12 Multiple Benefit Opportunity Across Planning Themes

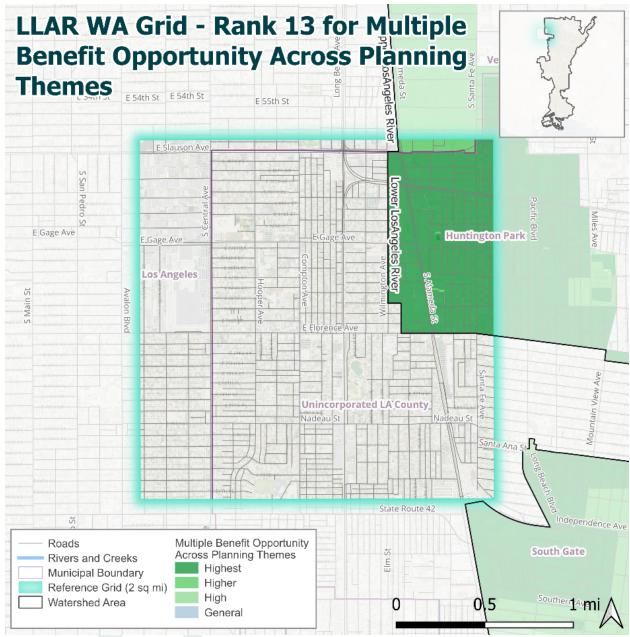


Figure J-15. Rank 13 Multiple Benefit Opportunity Across Planning Themes

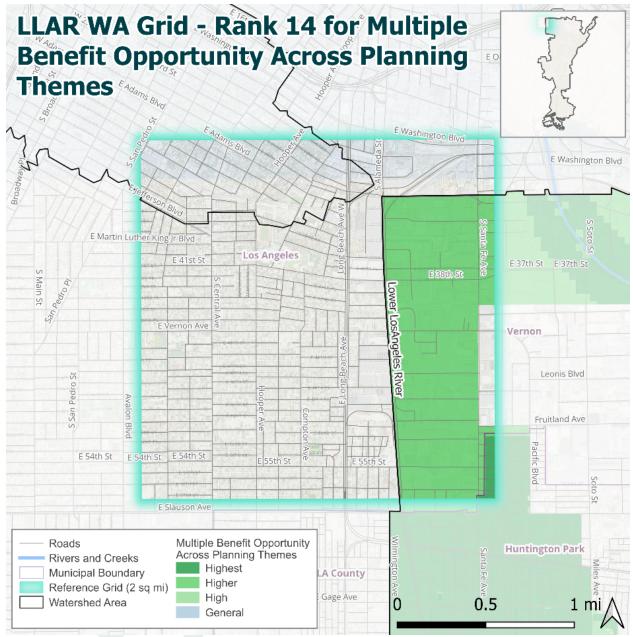


Figure J-16. Rank 14 Multiple Benefit Opportunity Across Planning Themes

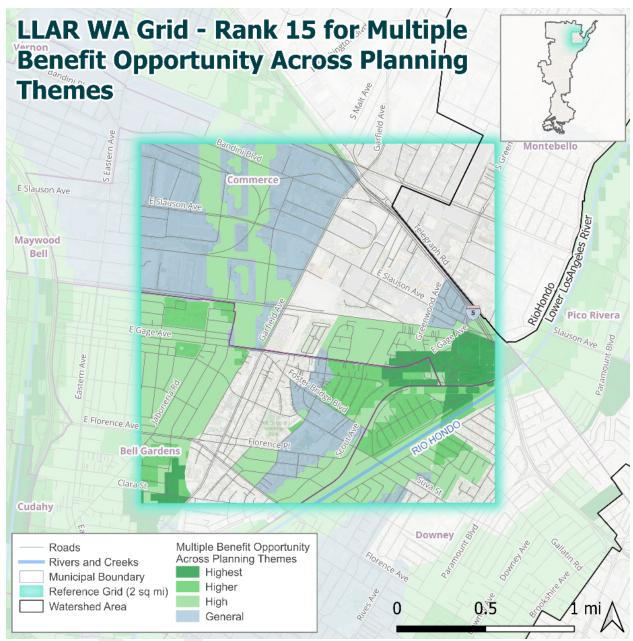


Figure J-17. Rank 15 Multiple Benefit Opportunity Across Planning Themes

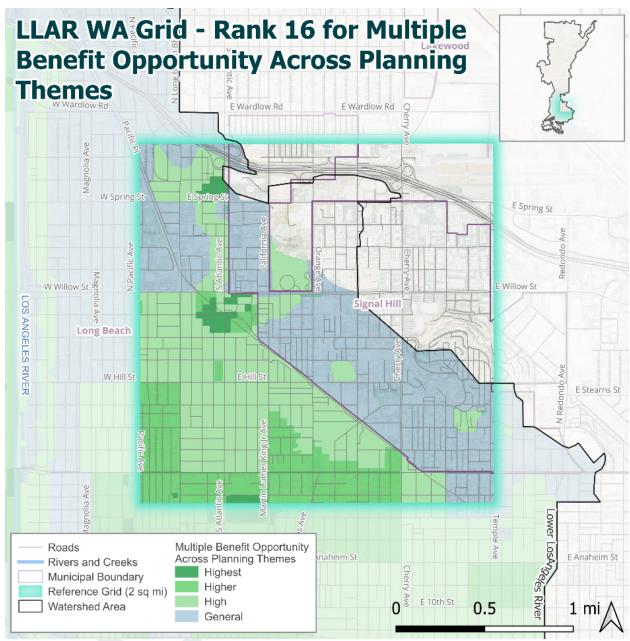


Figure J-18. Rank 16 Multiple Benefit Opportunity Across Planning Themes

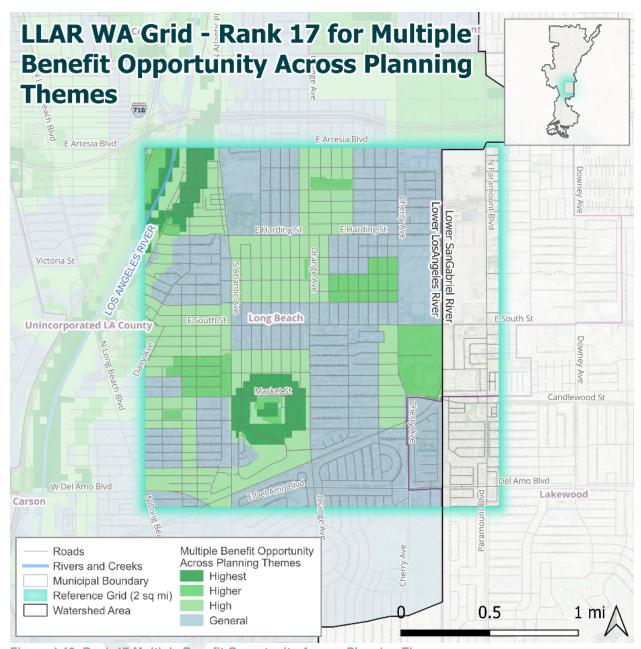


Figure J-19. Rank 17 Multiple Benefit Opportunity Across Planning Themes

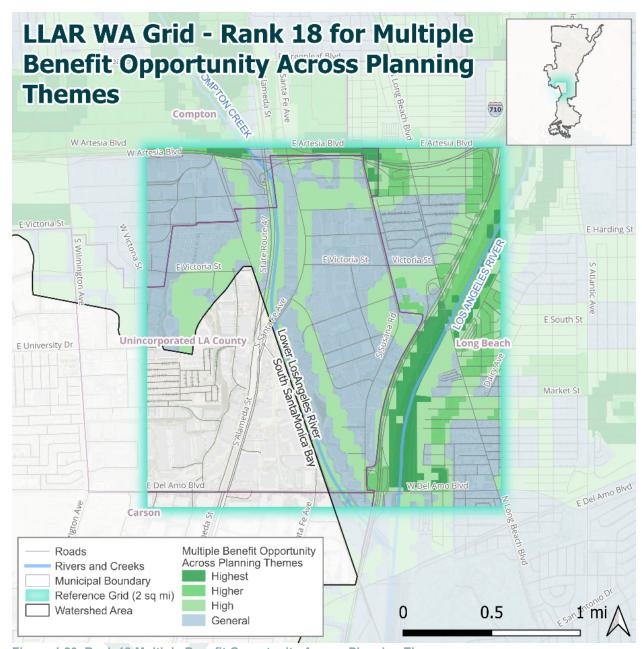


Figure J-20. Rank 18 Multiple Benefit Opportunity Across Planning Themes

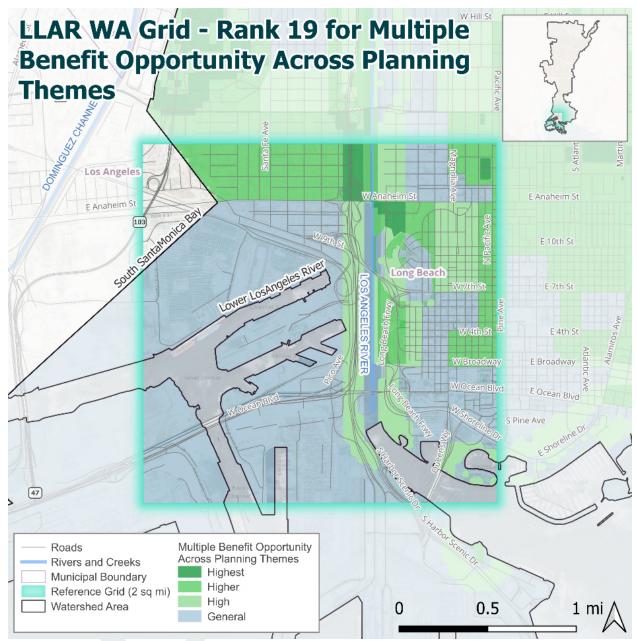


Figure J-21. Rank 19 Multiple Benefit Opportunity Across Planning Themes

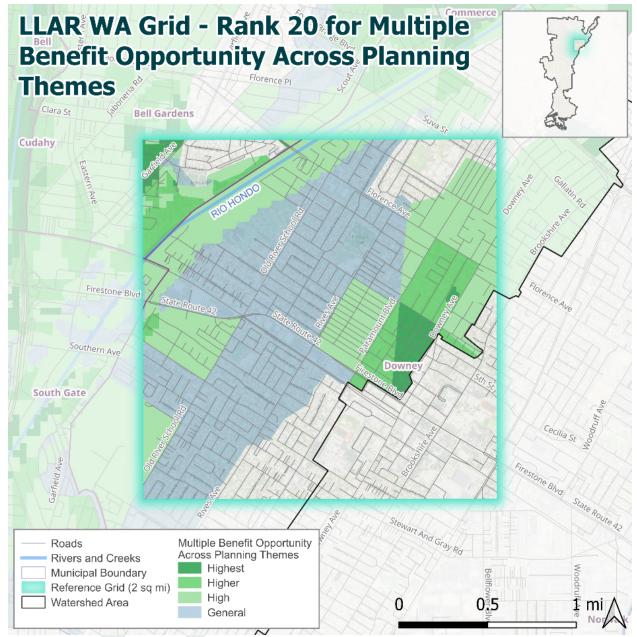


Figure J-22. Rank 20 Multiple Benefit Opportunity Across Planning Themes

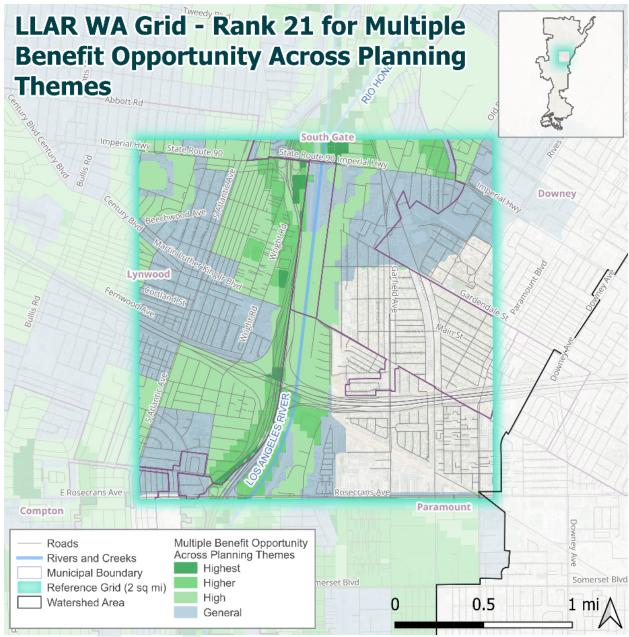


Figure J-23. Rank 21 Multiple Benefit Opportunity Across Planning Themes

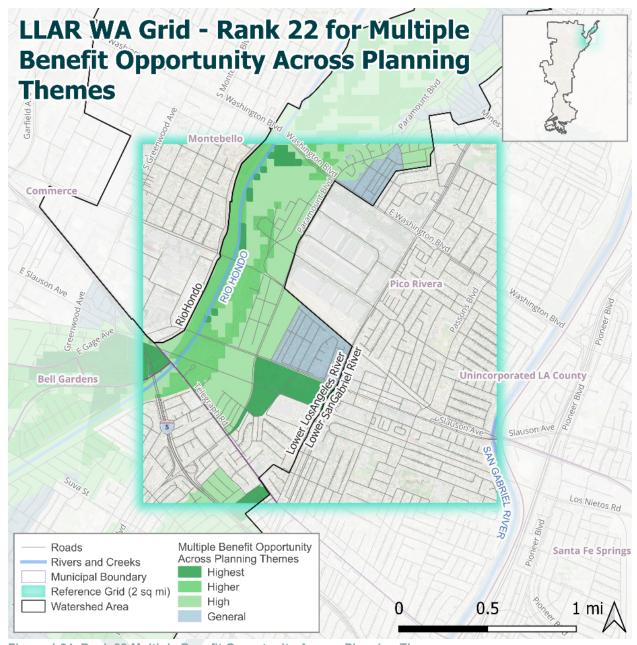


Figure J-24. Rank 22 Multiple Benefit Opportunity Across Planning Themes

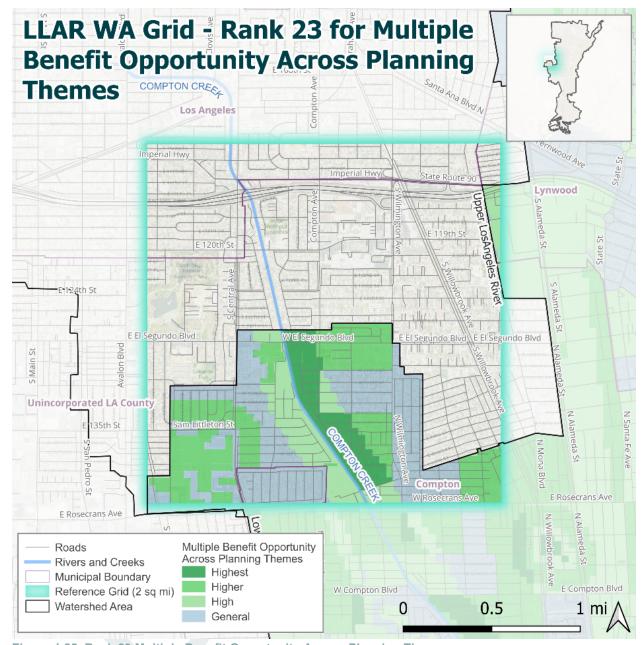


Figure J-25. Rank 23 Multiple Benefit Opportunity Across Planning Themes

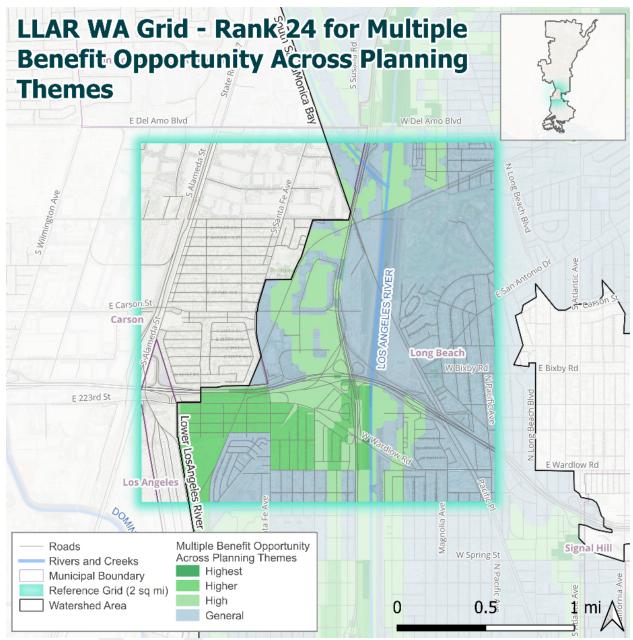


Figure J-26. Rank 24 Multiple Benefit Opportunity Across Planning Themes

J.1.2 Municipality Maps





Figure J-27. Bell Multiple Benefit Opportunity Across Planning Themes

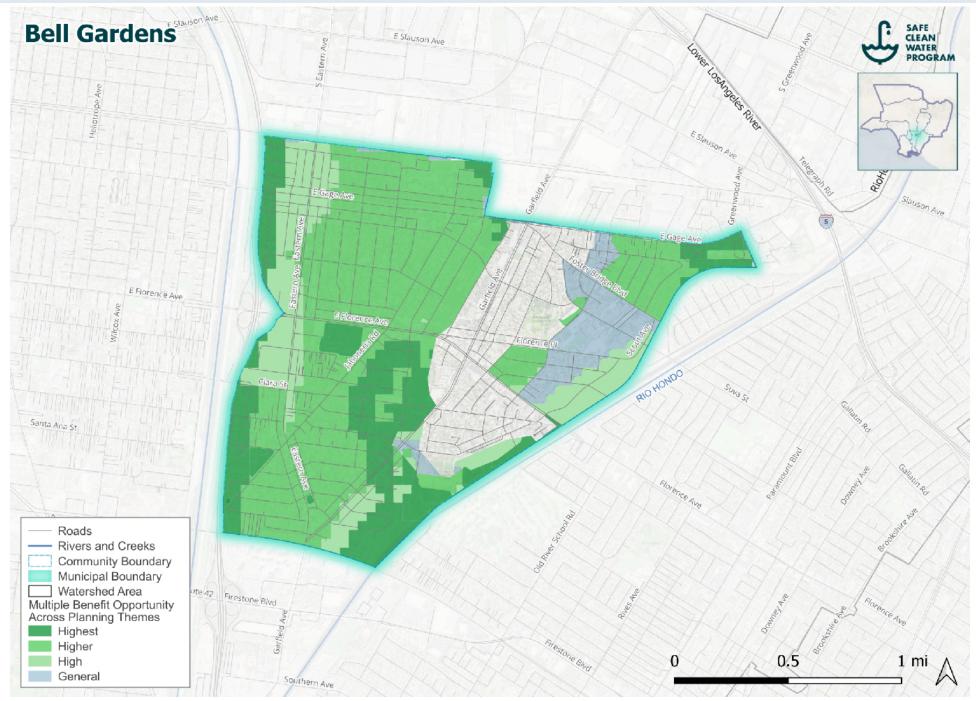


Figure J-28. Bell Gardens Multiple Benefit Opportunity Across Planning Themes

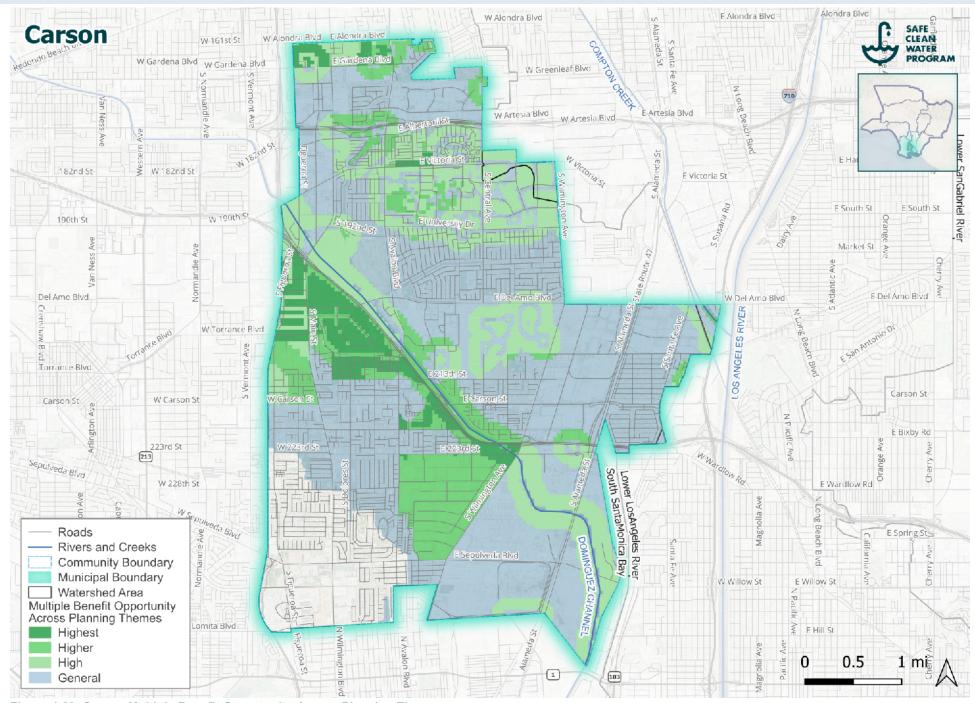


Figure J-29. Carson Multiple Benefit Opportunity Across Planning Themes

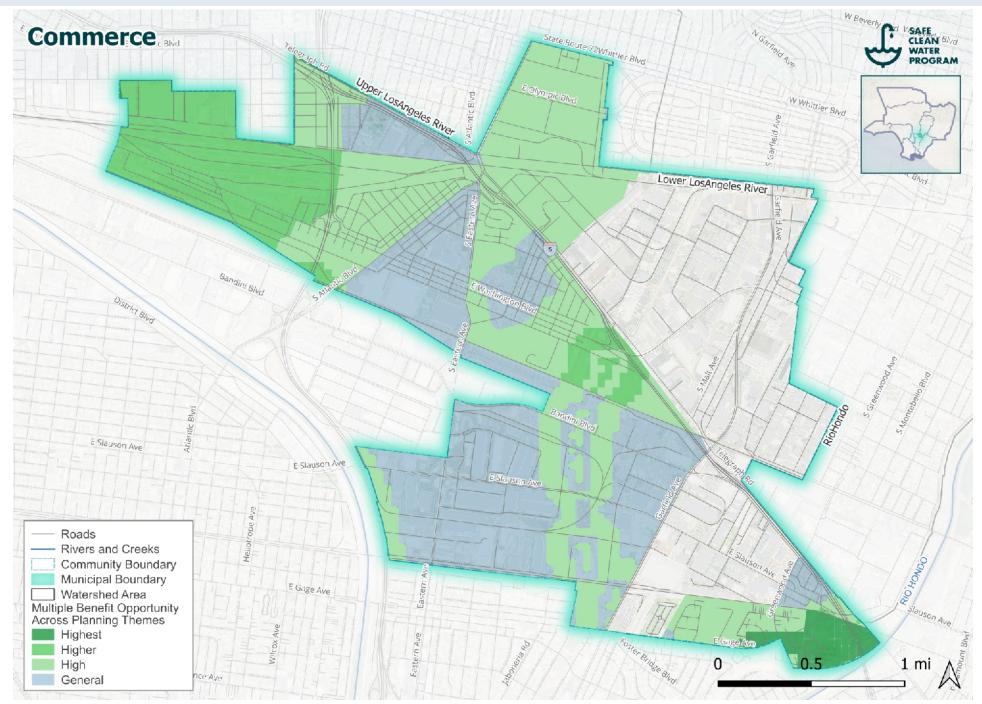


Figure J-30. Commerce Multiple Benefit Opportunity Across Planning Themes

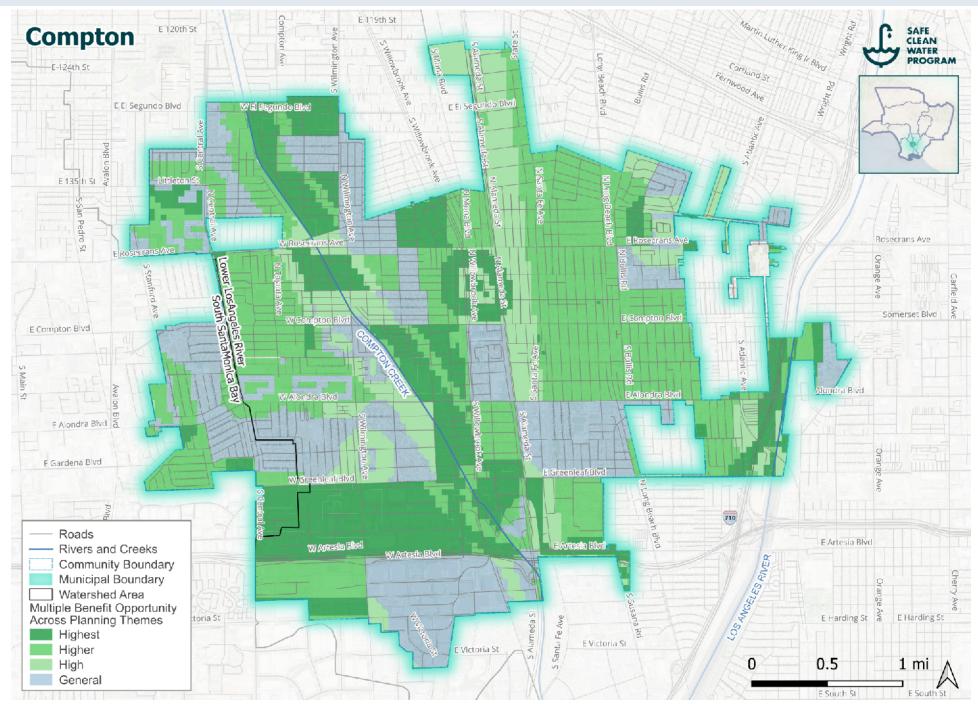


Figure J-31. Compton Multiple Benefit Opportunity Across Planning Themes

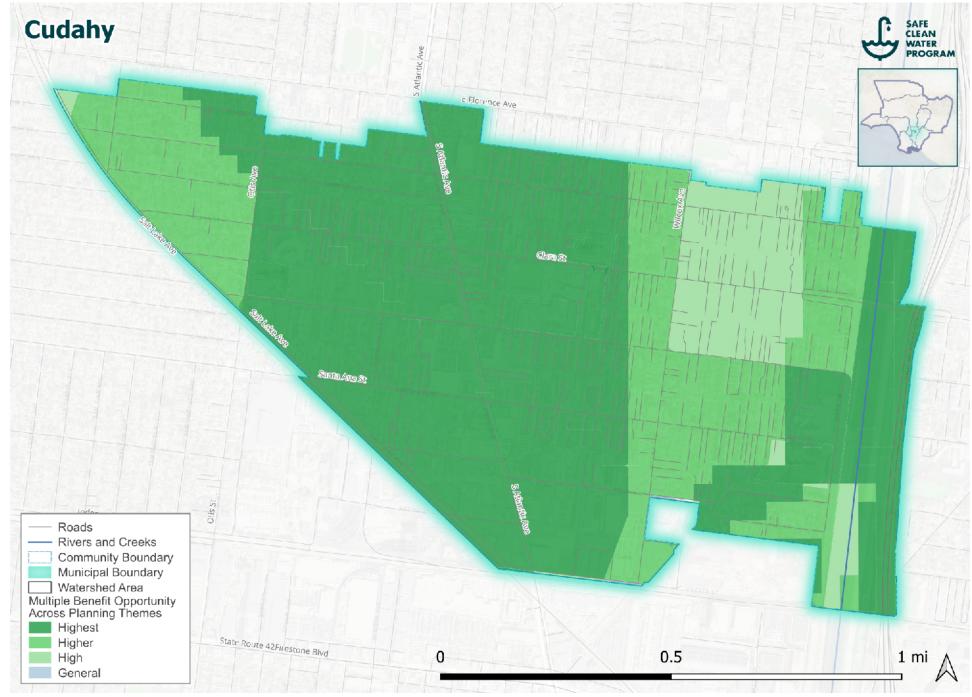


Figure J-32. Cudahy Multiple Benefit Opportunity Across Planning Themes

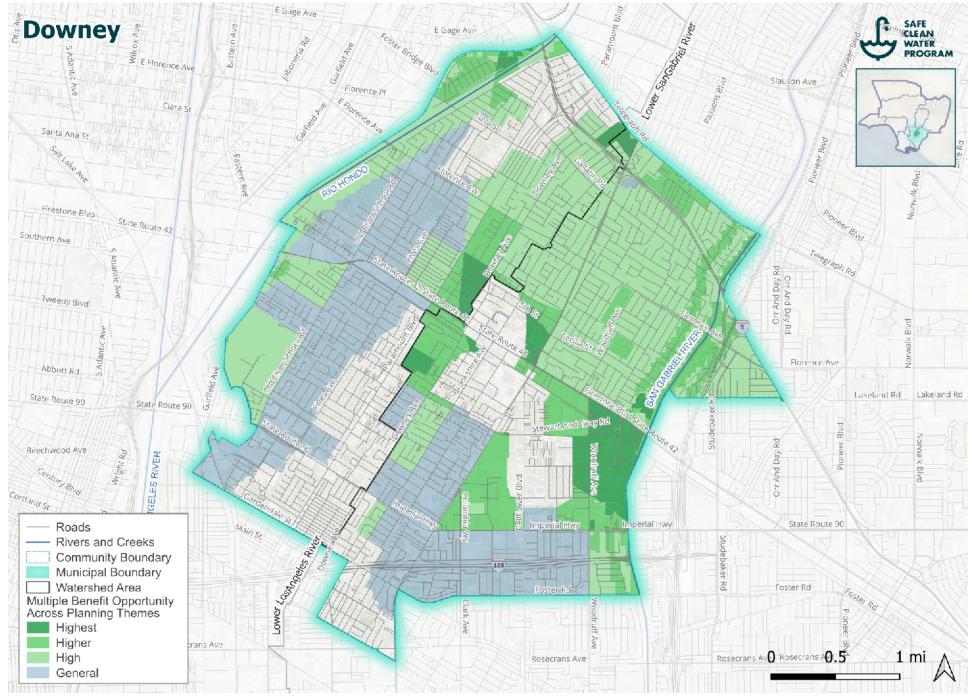


Figure J-33. Downey Multiple Benefit Opportunity Across Planning Themes

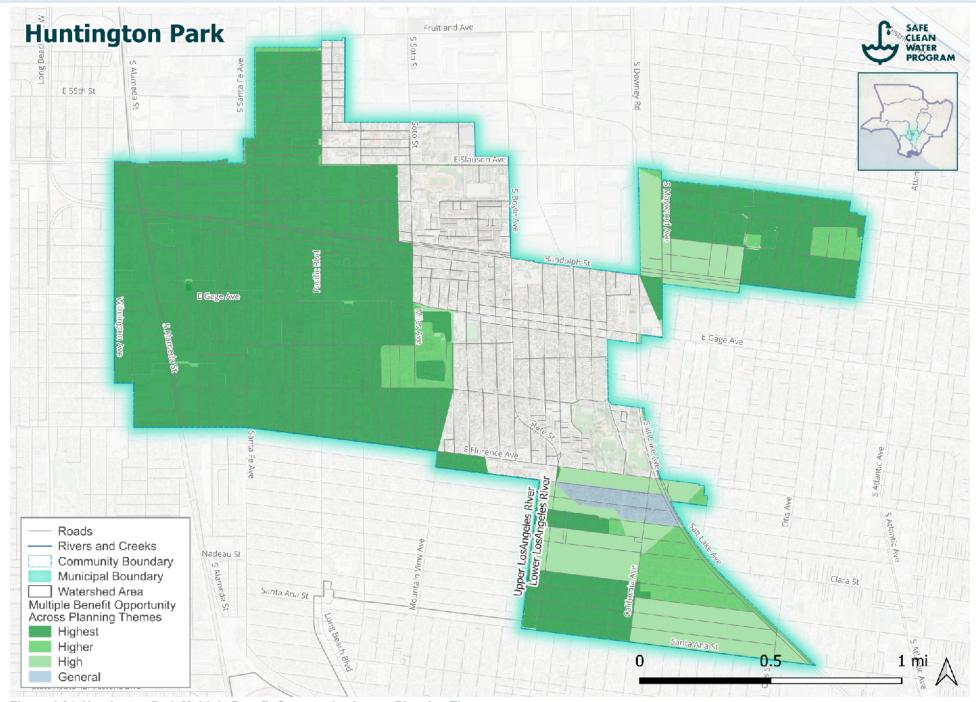


Figure J-34. Huntington Park Multiple Benefit Opportunity Across Planning Themes

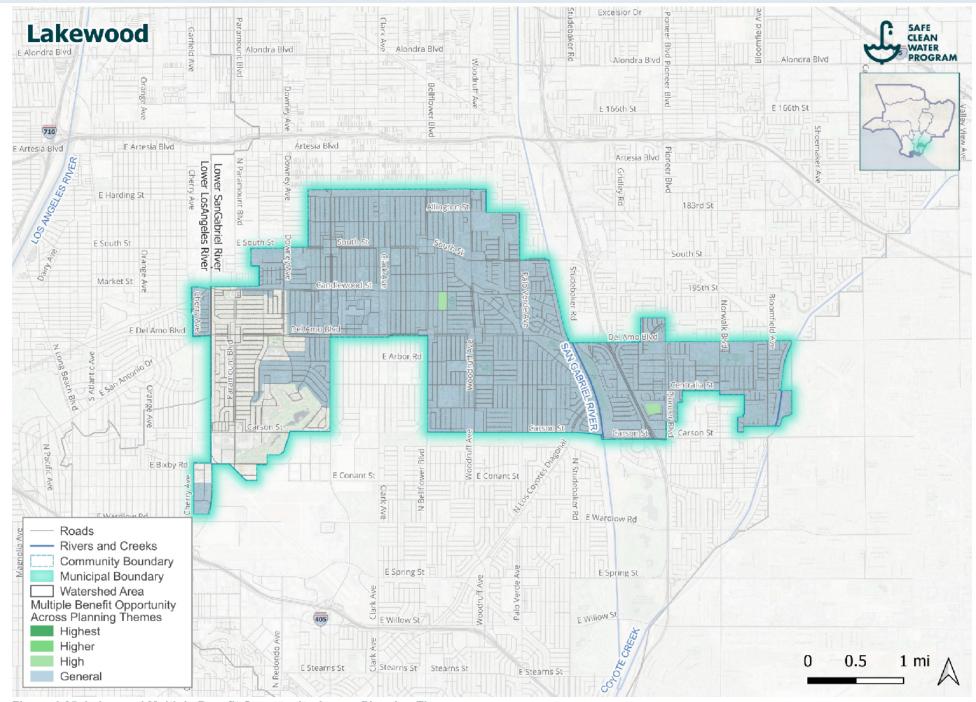


Figure J-35. Lakewood Multiple Benefit Opportunity Across Planning Themes

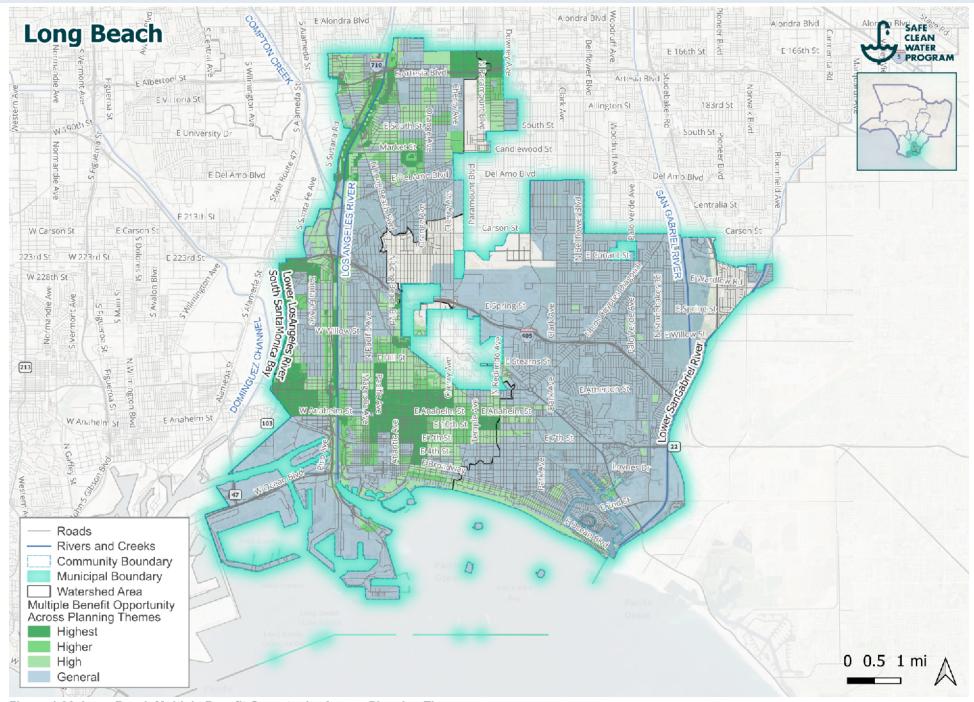


Figure J-36. Long Beach Multiple Benefit Opportunity Across Planning Themes



Figure J-37. Lynwood Multiple Benefit Opportunity Across Planning Themes

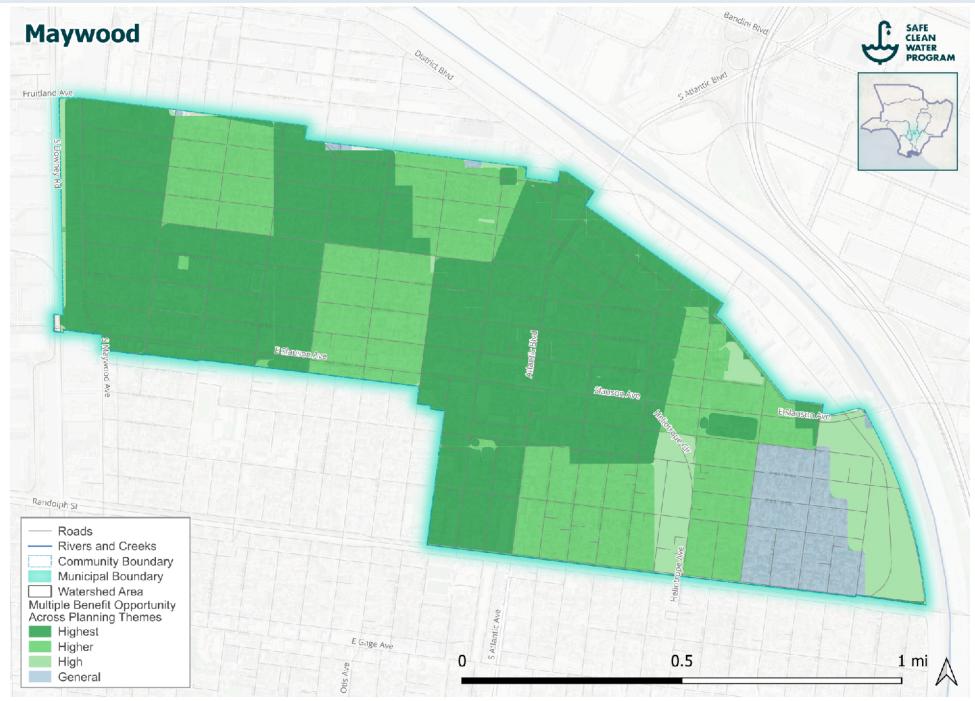


Figure J-38. Maywood Multiple Benefit Opportunity Across Planning Themes

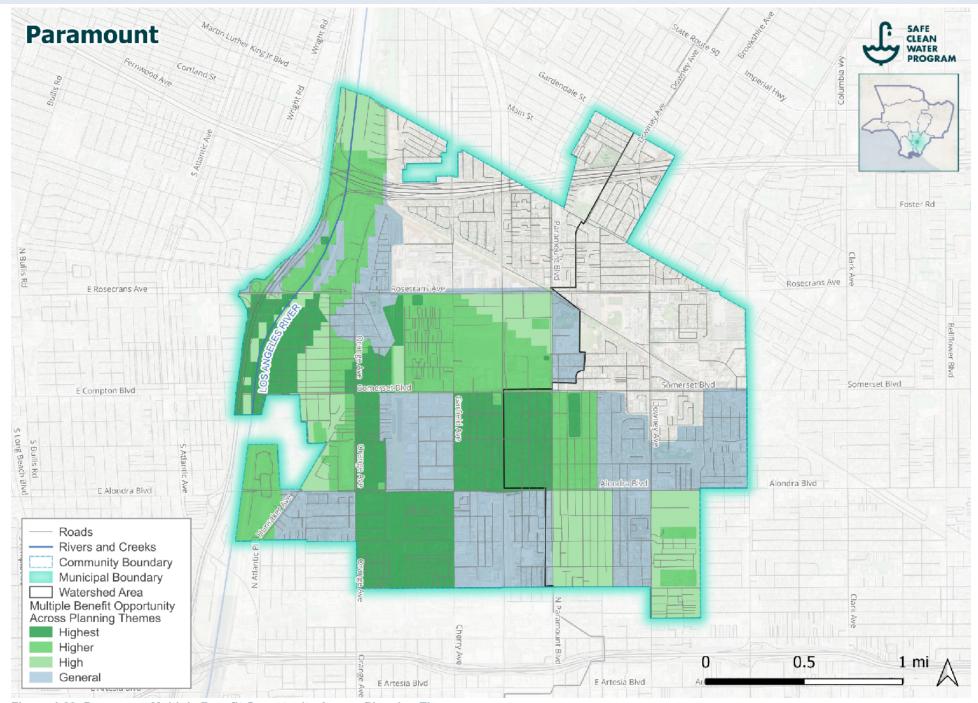


Figure J-39. Paramount Multiple Benefit Opportunity Across Planning Themes

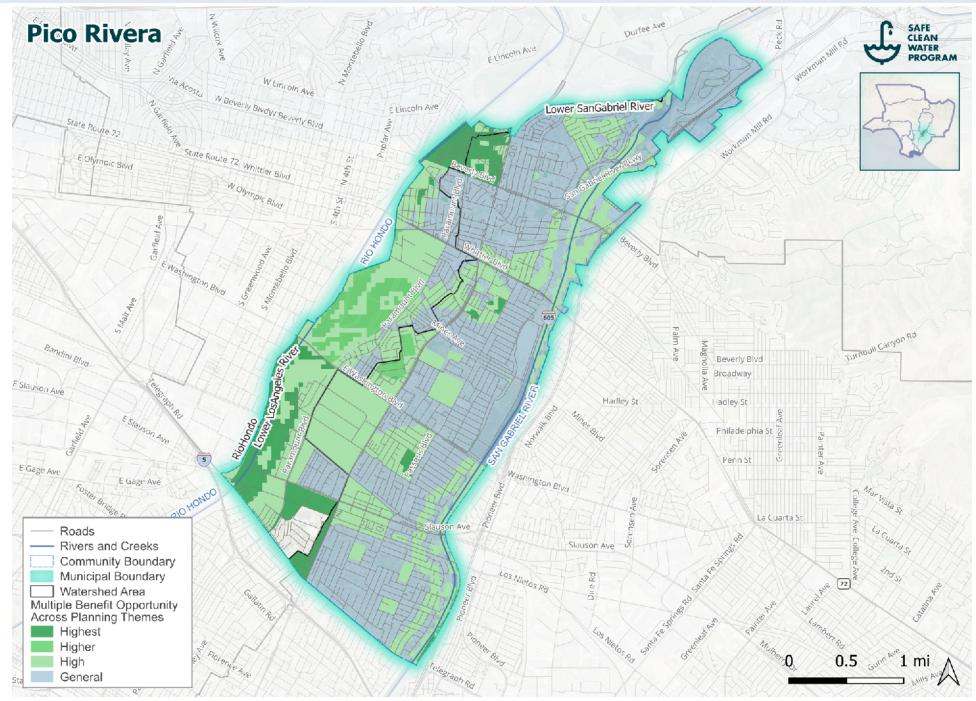


Figure J-40. Pico Rivera Multiple Benefit Opportunity Across Planning Themes

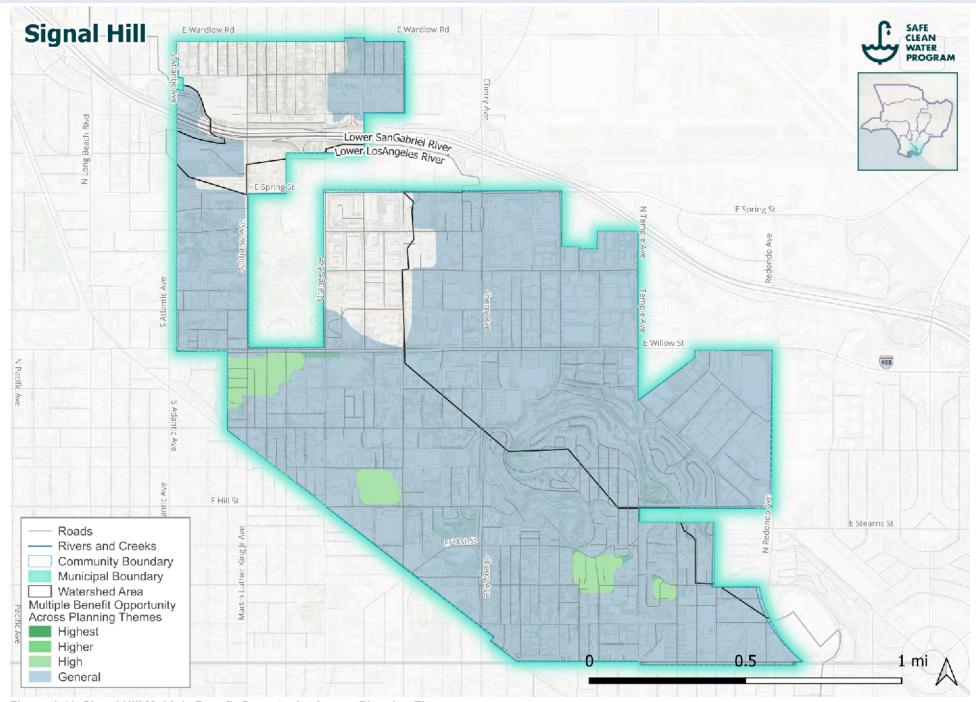


Figure J-41. Signal Hill Multiple Benefit Opportunity Across Planning Themes

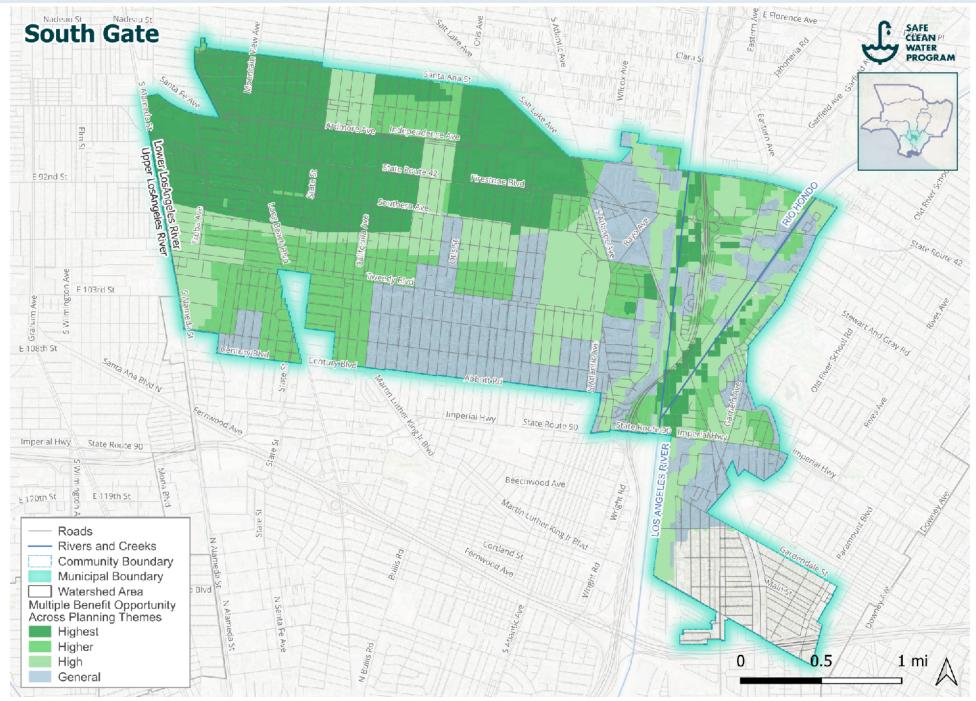


Figure J-42. South Gate Multiple Benefit Opportunity Across Planning Themes

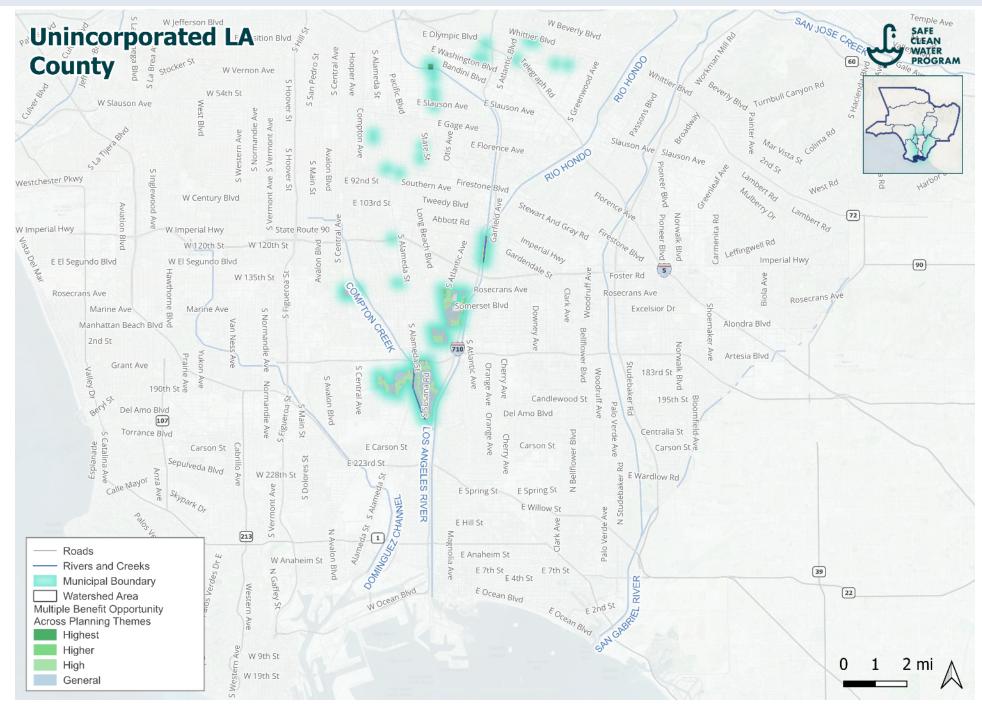


Figure J-43. Unincorporated LA County Opportunity for Multiple Benefits Across Planning Themes

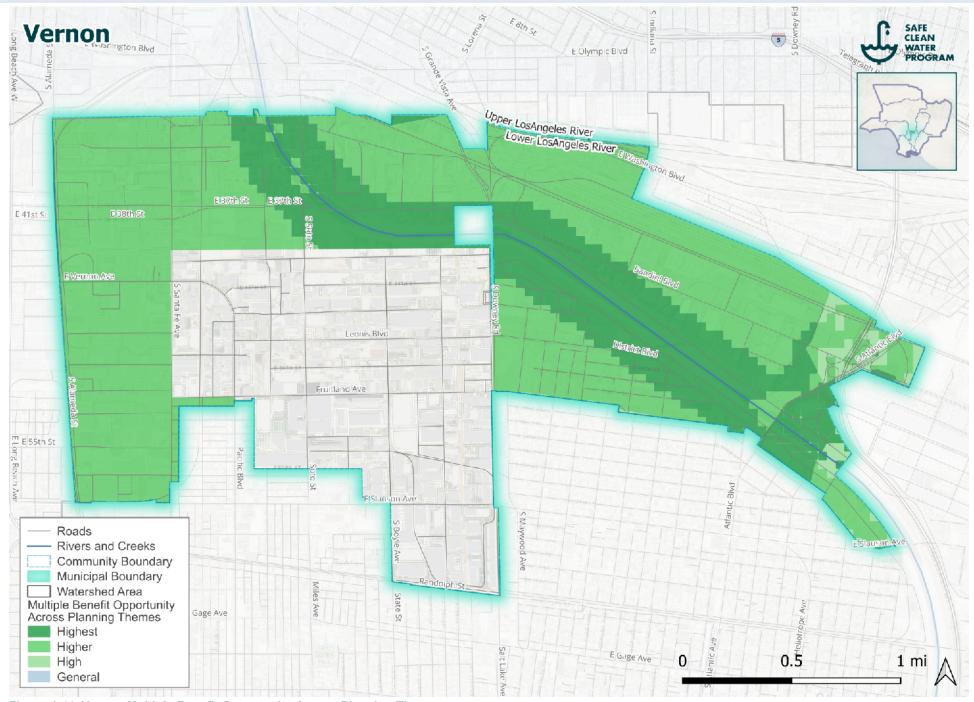


Figure J-44. Vernon Multiple Benefit Opportunity Across Planning Themes

J.1.3 Supervisorial District Maps



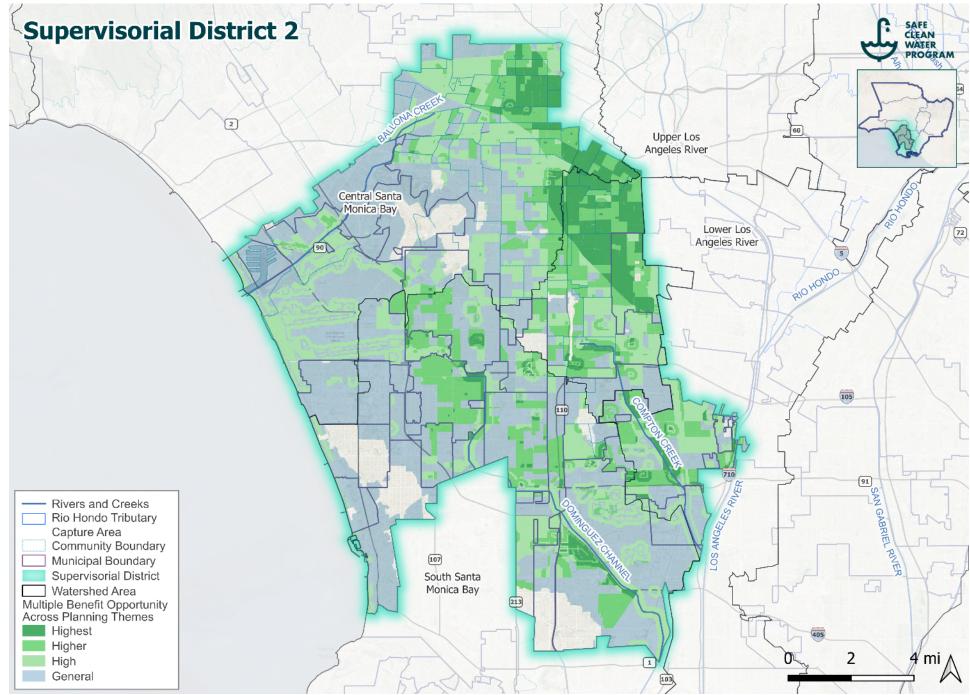


Figure J-45. Supervisorial District 2 Multiple Benefit Opportunity Across Planning Themes

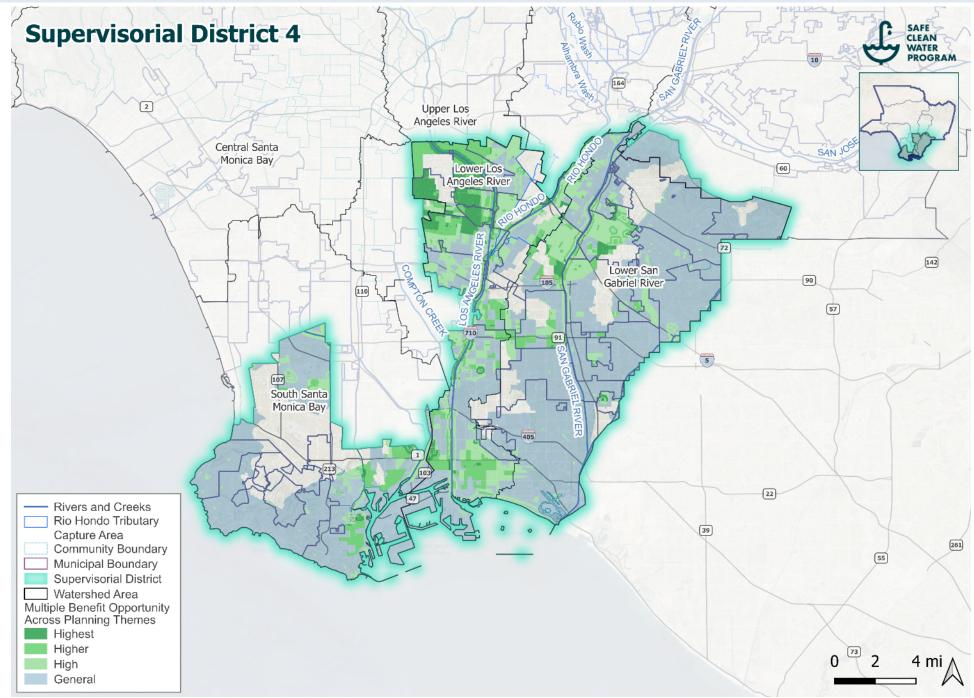


Figure J-46. Supervisorial District 4 Multiple Benefit Opportunity Across Planning Themes

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

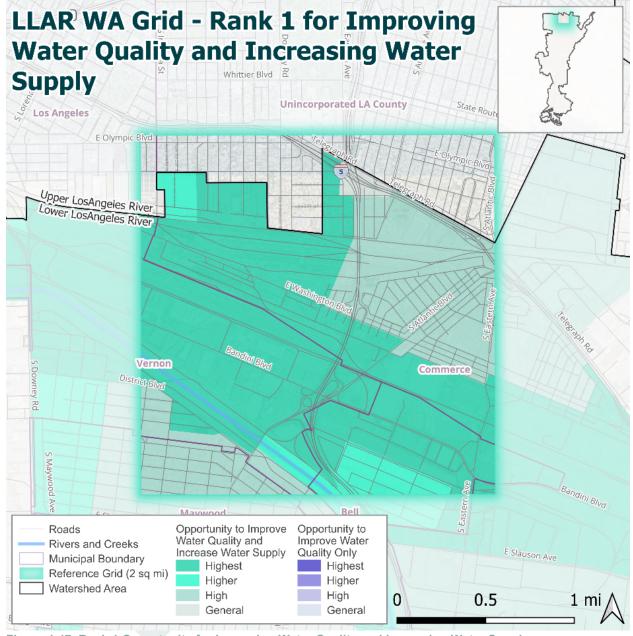


Figure J-47. Rank 1 Opportunity for Improving Water Quality and Increasing Water Supply

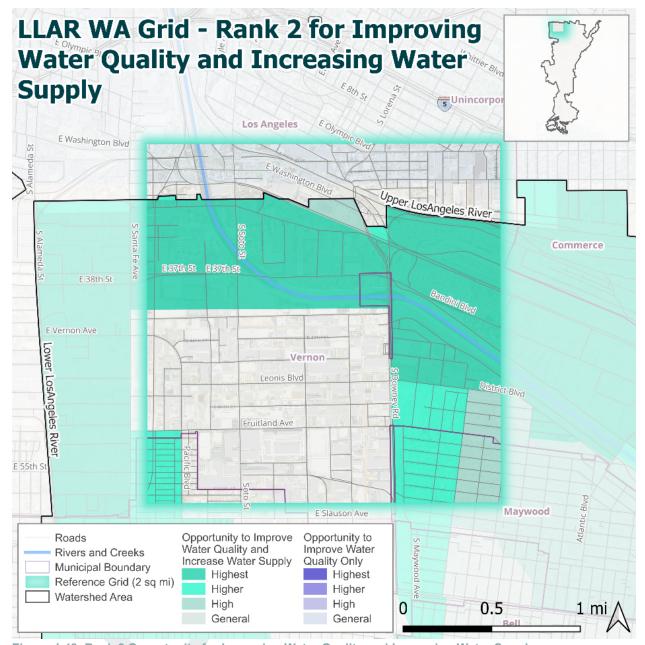


Figure J-48. Rank 2 Opportunity for Improving Water Quality and Increasing Water Supply

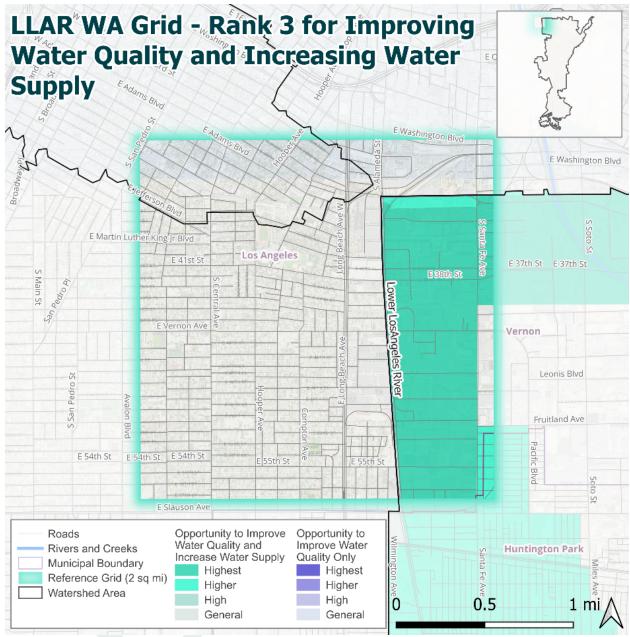


Figure J-49. Rank 3 Opportunity for Improving Water Quality and Increasing Water Supply

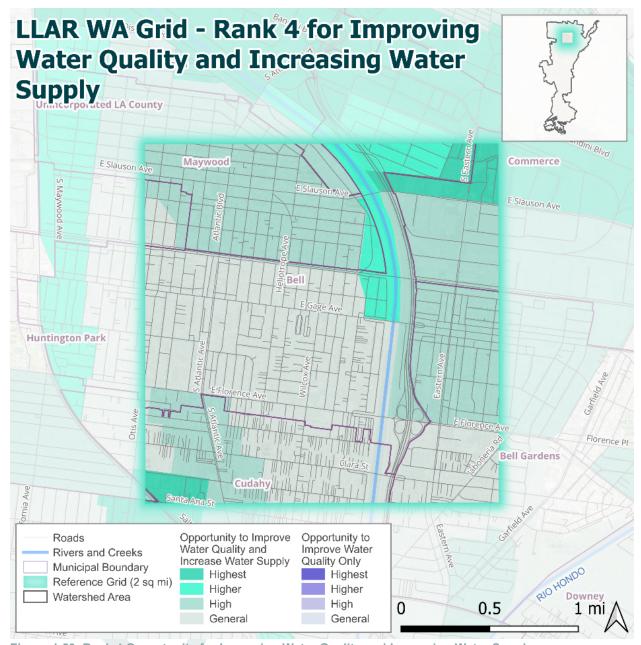


Figure J-50. Rank 4 Opportunity for Improving Water Quality and Increasing Water Supply

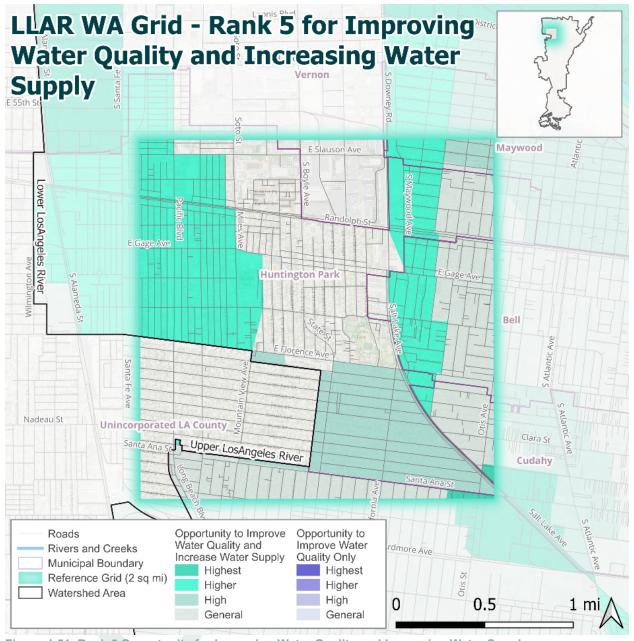


Figure J-51. Rank 5 Opportunity for Improving Water Quality and Increasing Water Supply

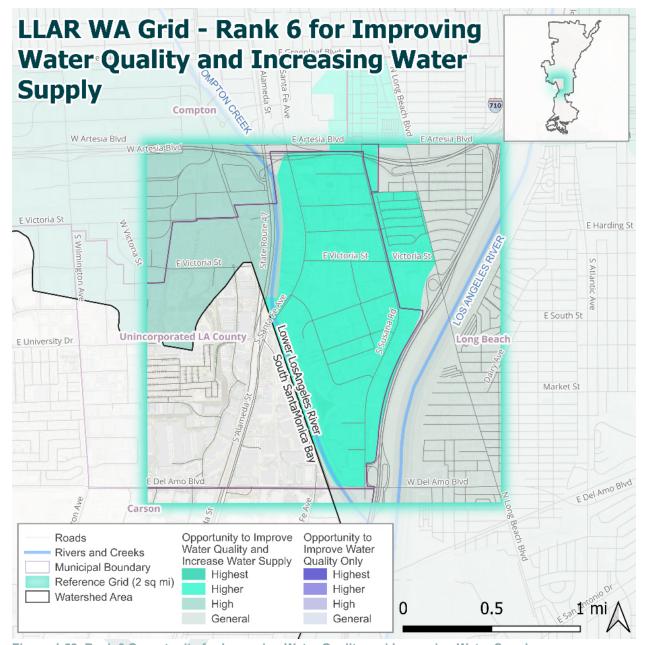


Figure J-52. Rank 6 Opportunity for Improving Water Quality and Increasing Water Supply

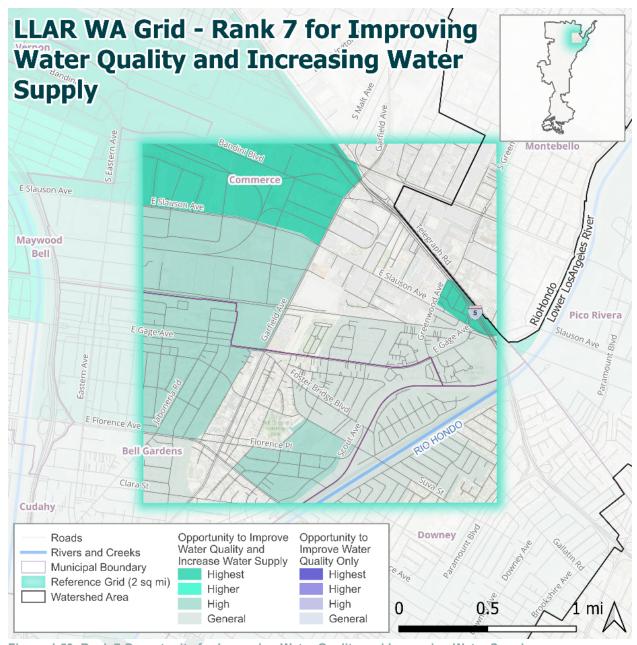


Figure J-53. Rank 7 Opportunity for Improving Water Quality and Increasing Water Supply

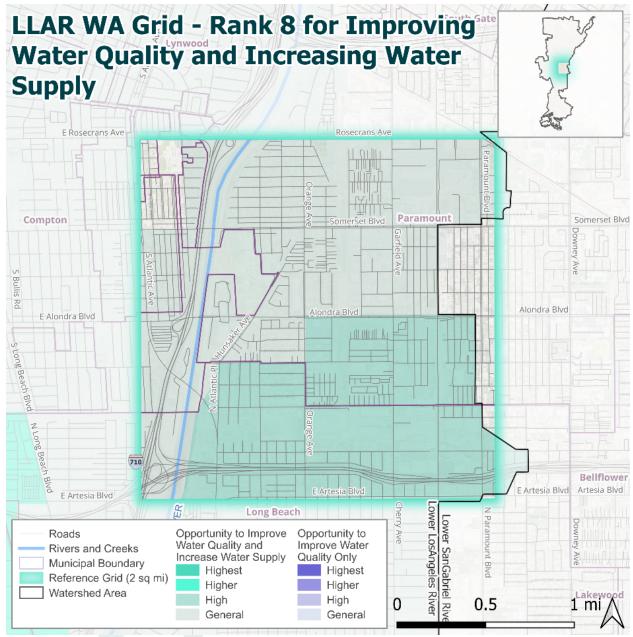


Figure J-54. Rank 8 Opportunity for Improving Water Quality and Increasing Water Supply

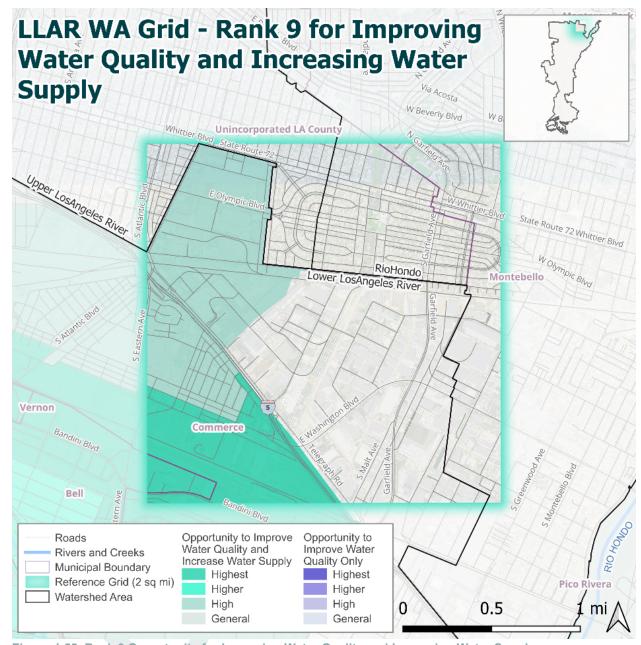


Figure J-55. Rank 9 Opportunity for Improving Water Quality and Increasing Water Supply

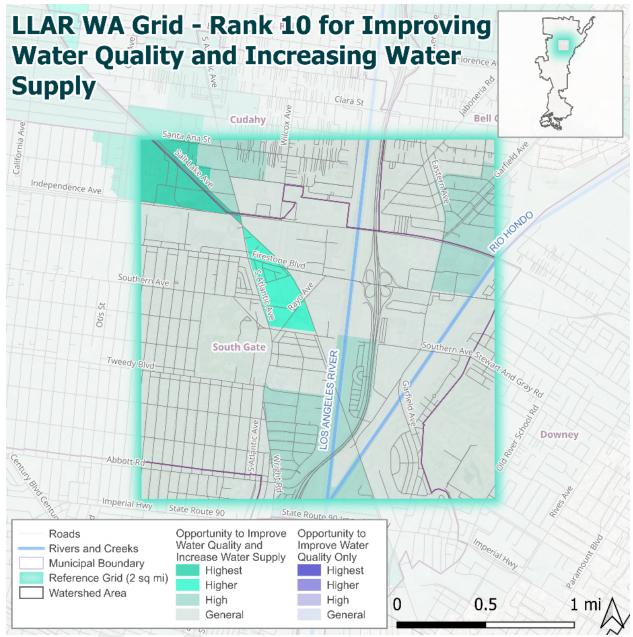


Figure J-56. Rank 10 Opportunity for Improving Water Quality and Increasing Water Supply

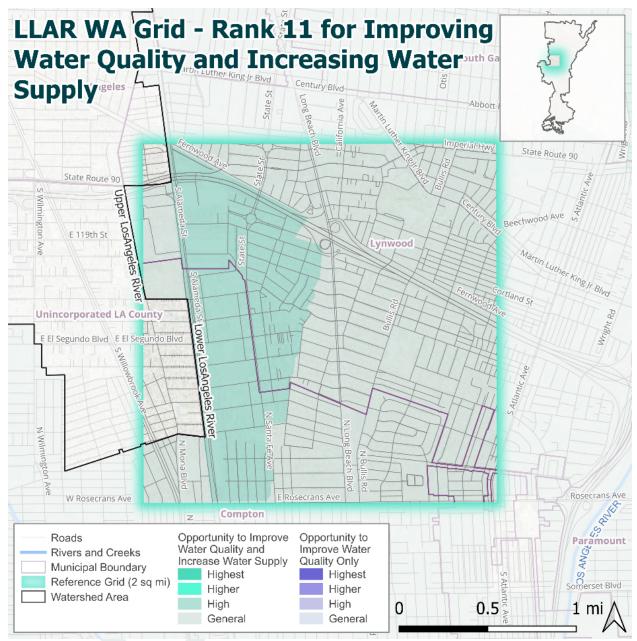


Figure J-57. Rank 11 Opportunity for Improving Water Quality and Increasing Water Supply

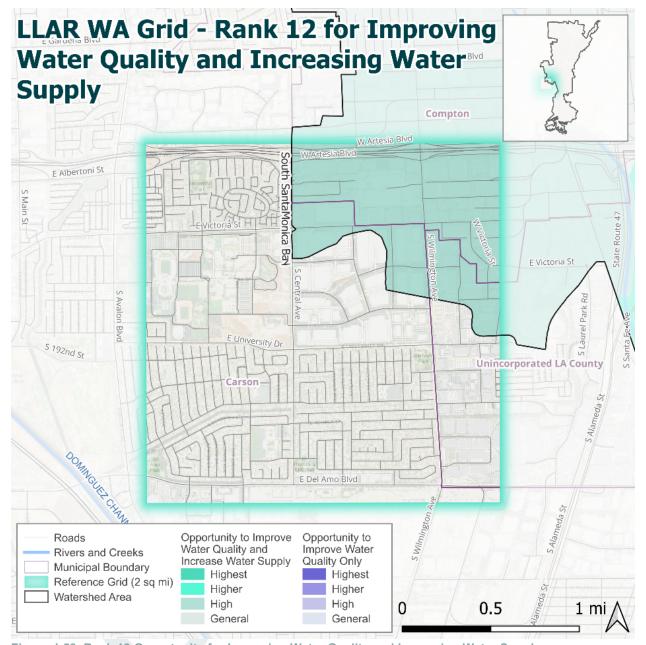


Figure J-58. Rank 12 Opportunity for Improving Water Quality and Increasing Water Supply

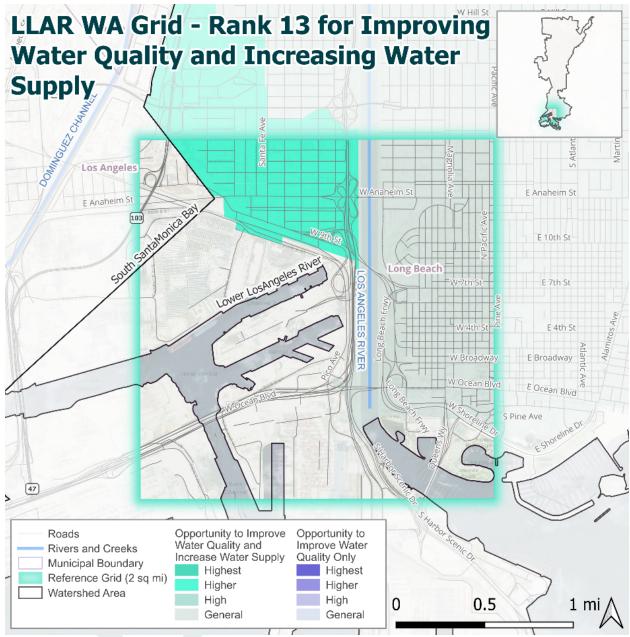


Figure J-59. Rank 13 Opportunity for Improving Water Quality and Increasing Water Supply

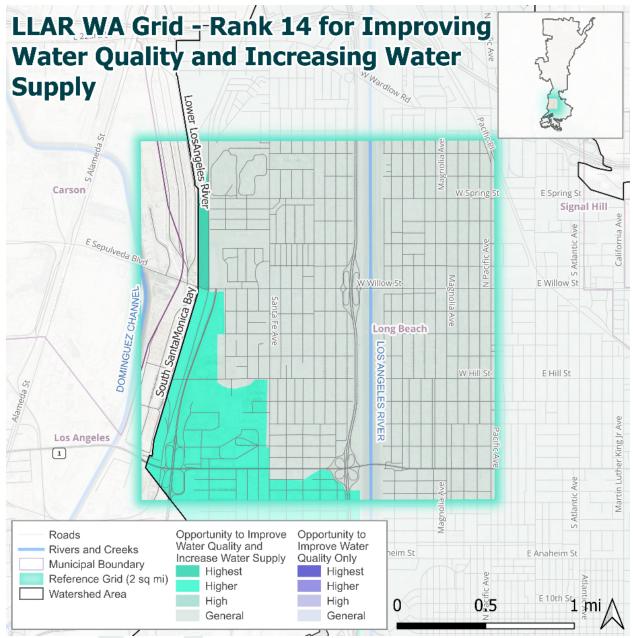


Figure J-60. Rank 14 Opportunity for Improving Water Quality and Increasing Water Supply

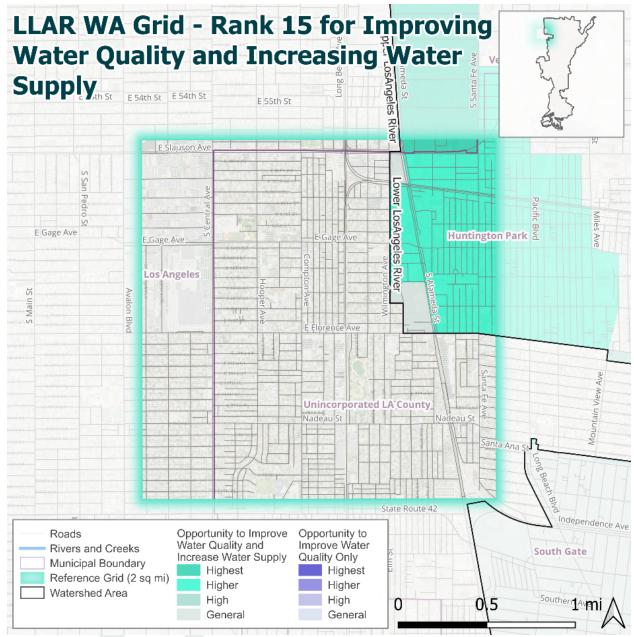


Figure J-61. Rank 15 Opportunity for Improving Water Quality and Increasing Water Supply

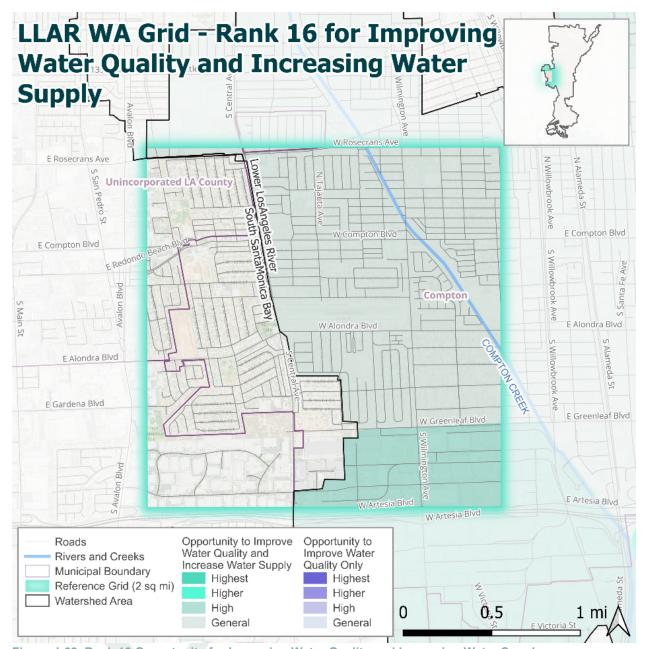


Figure J-62. Rank 16 Opportunity for Improving Water Quality and Increasing Water Supply

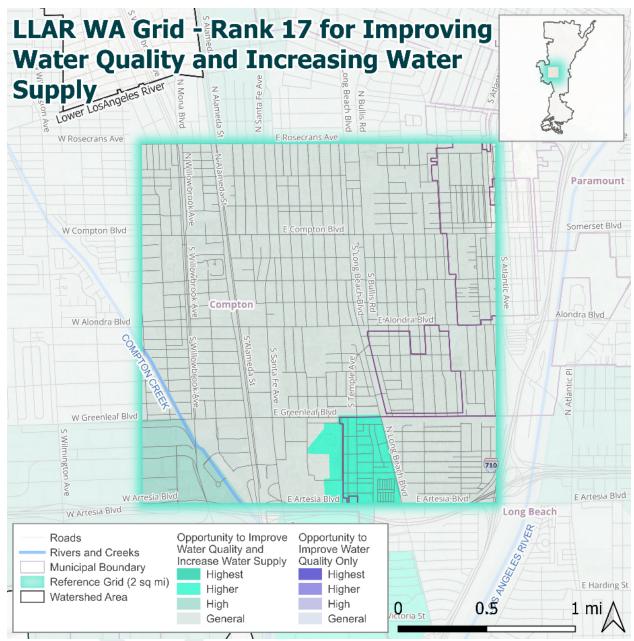


Figure J-63. Rank 17 Opportunity for Improving Water Quality and Increasing Water Supply

J.2.2 Municipality Maps



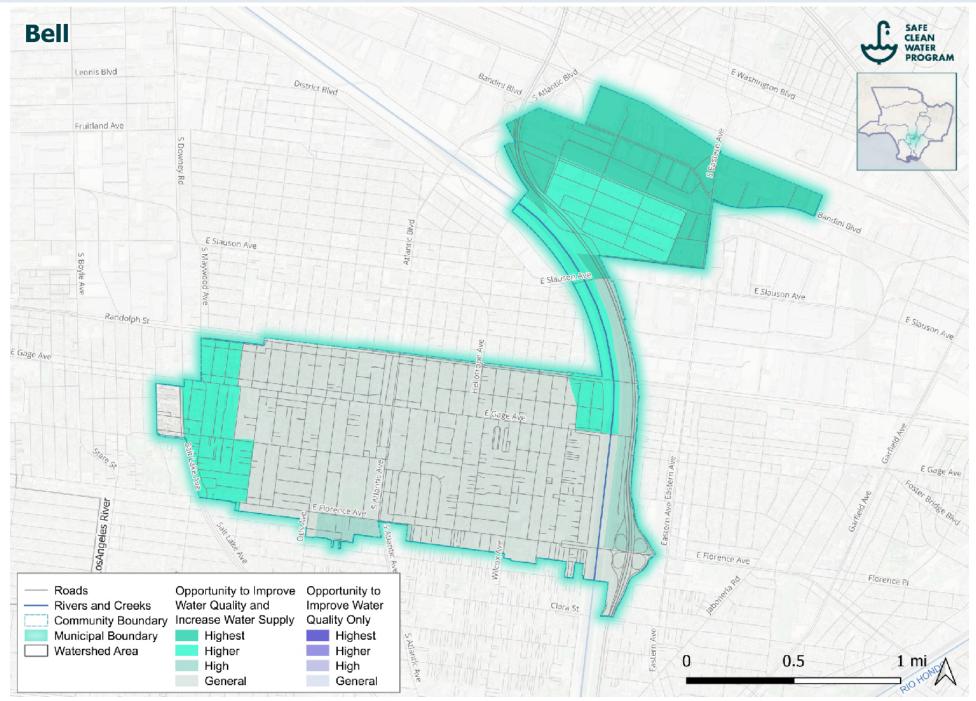


Figure J-64. Bell Opportunity for Improving Water Quality and Increasing Water Supply

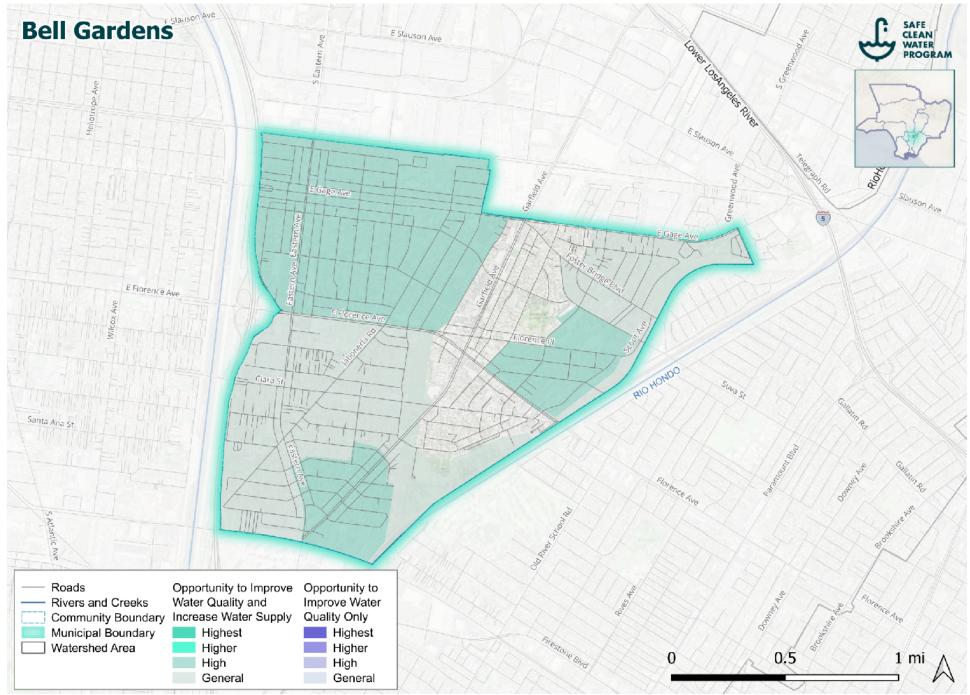


Figure J-65. Bell Gardens Opportunity for Improving Water Quality and Increasing Water Supply

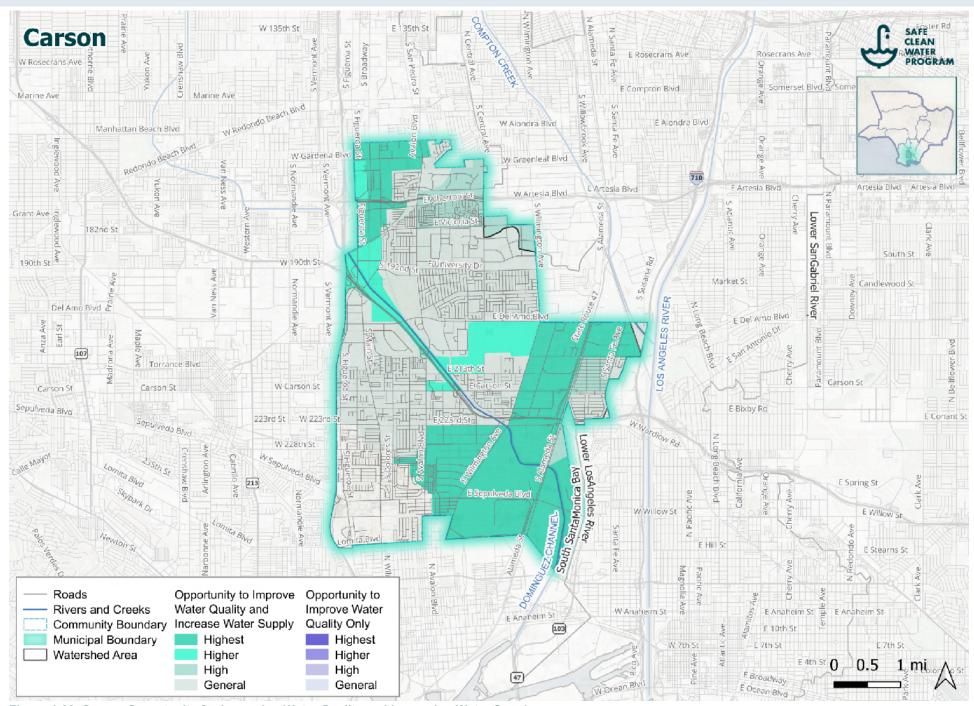


Figure J-66. Carson Opportunity for Improving Water Quality and Increasing Water Supply

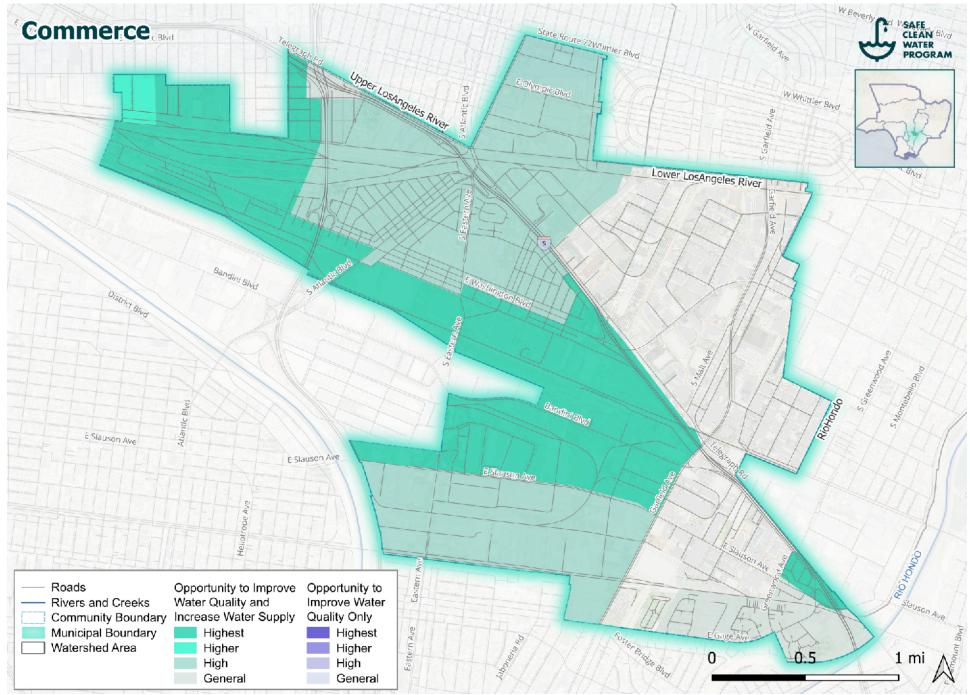


Figure J-67. Commerce Opportunity for Improving Water Quality and Increasing Water Supply

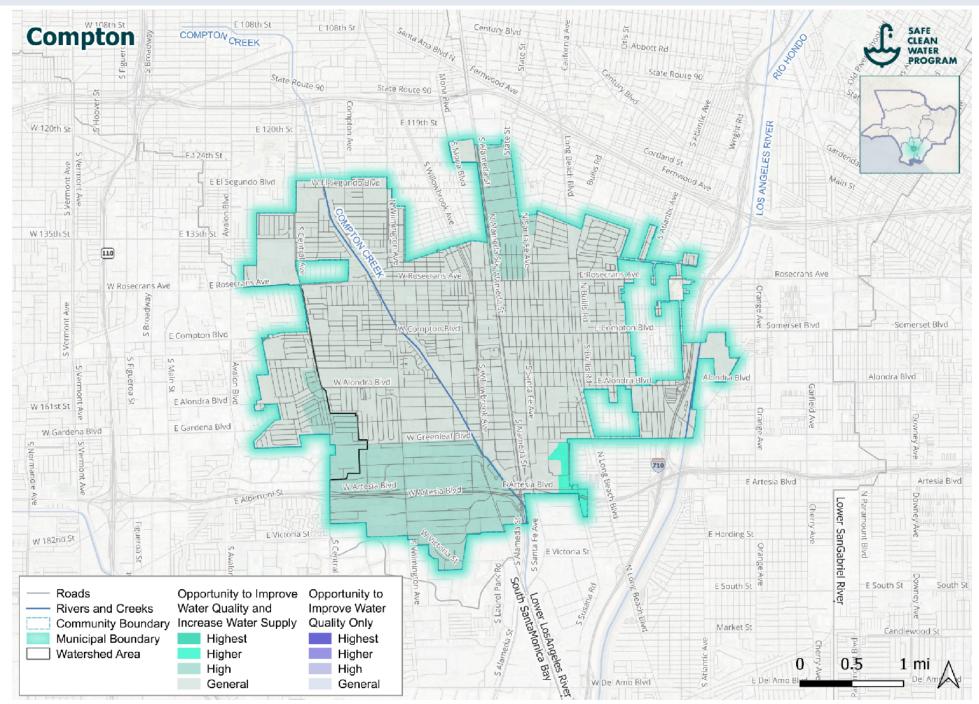


Figure J-68. Compton Opportunity for Improving Water Quality and Increasing Water Supply

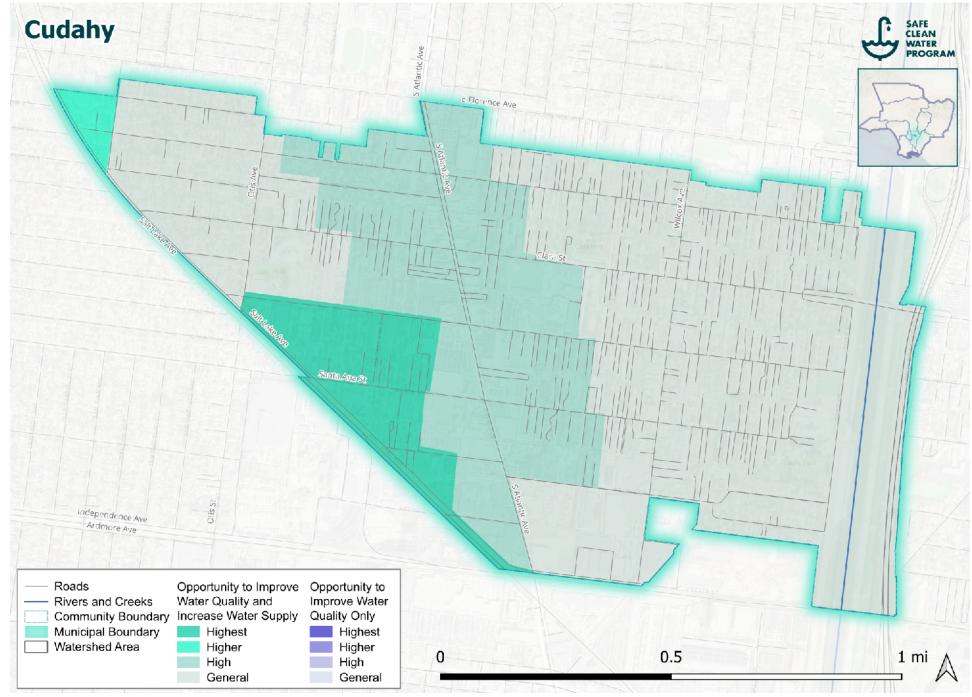


Figure J-69. Cudahy Opportunity for Improving Water Quality and Increasing Water Supply

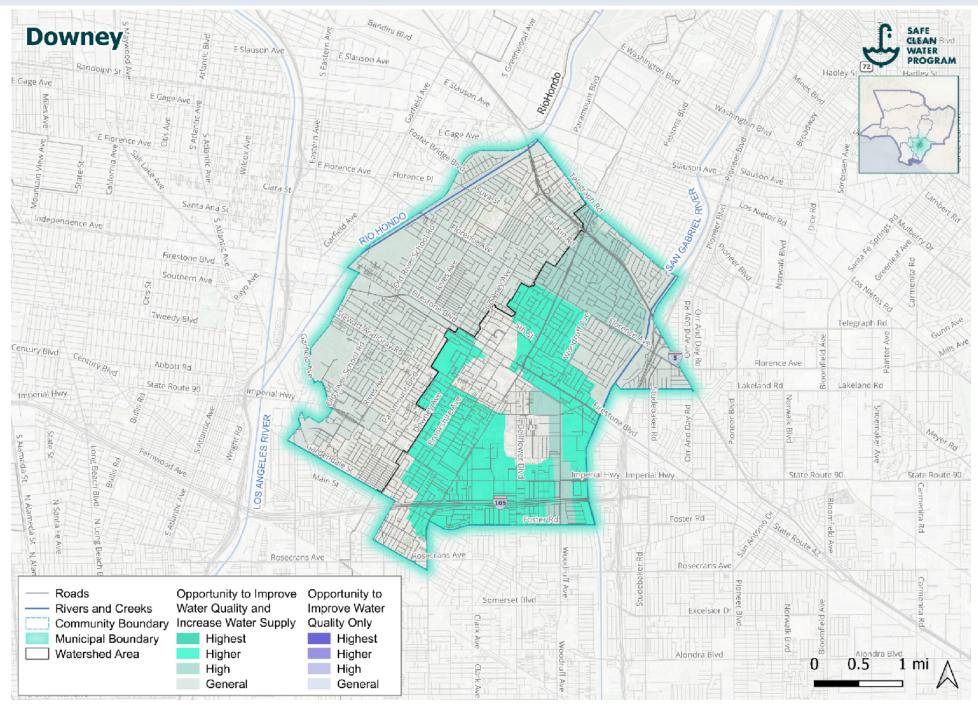


Figure J-70. Downey Opportunity for Improving Water Quality and Increasing Water Supply

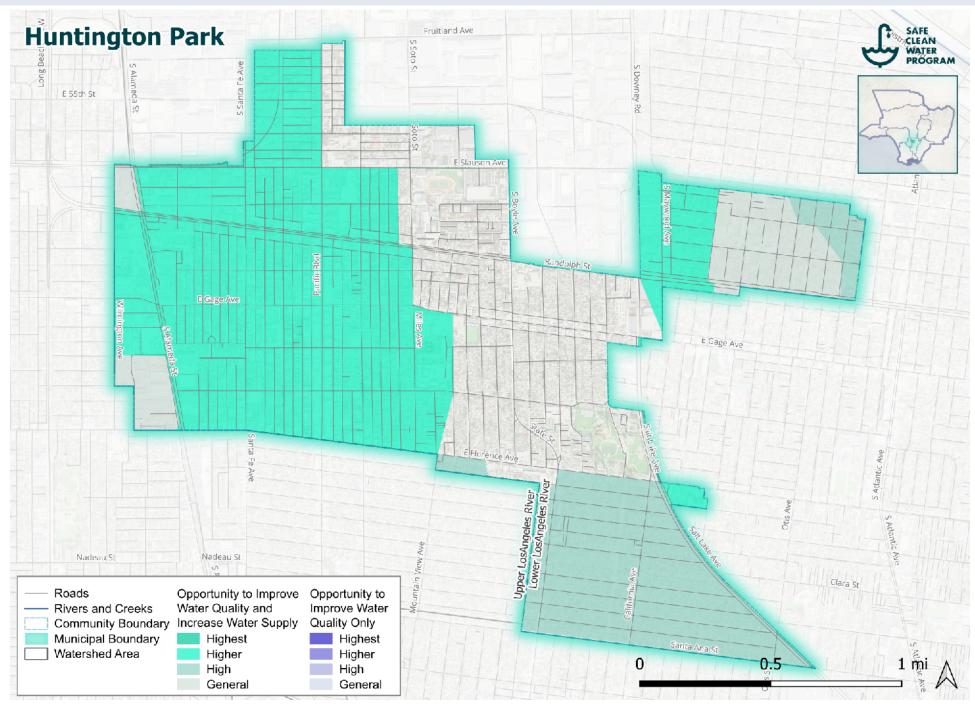


Figure J-71. Huntington Park Opportunity for Improving Water Quality and Increasing Water Supply

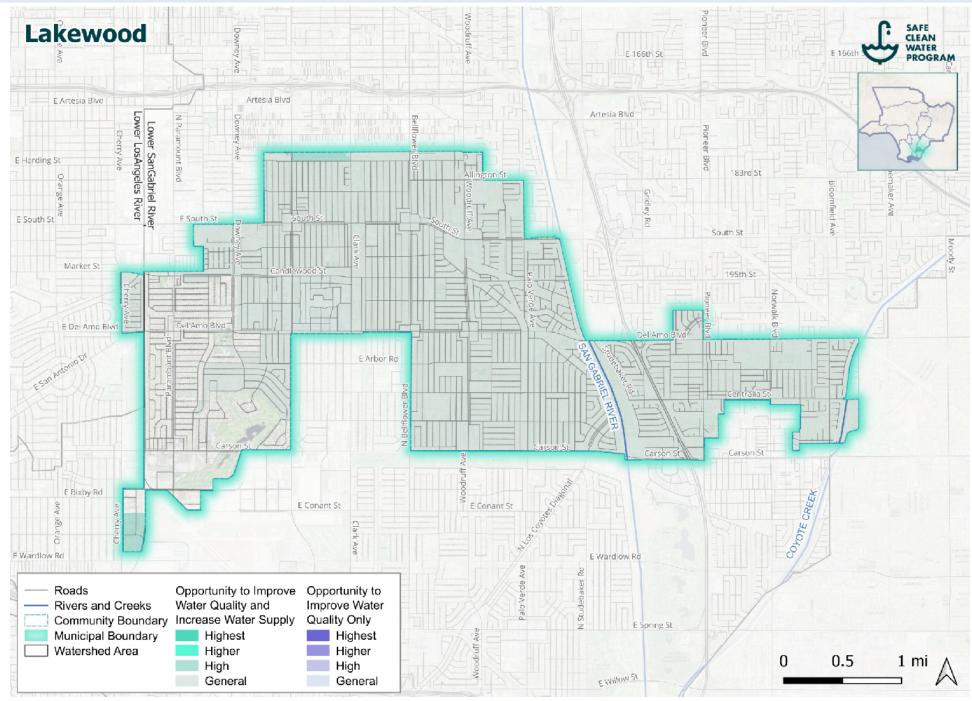


Figure J-72. Lakewood Opportunity for Improving Water Quality and Increasing Water Supply

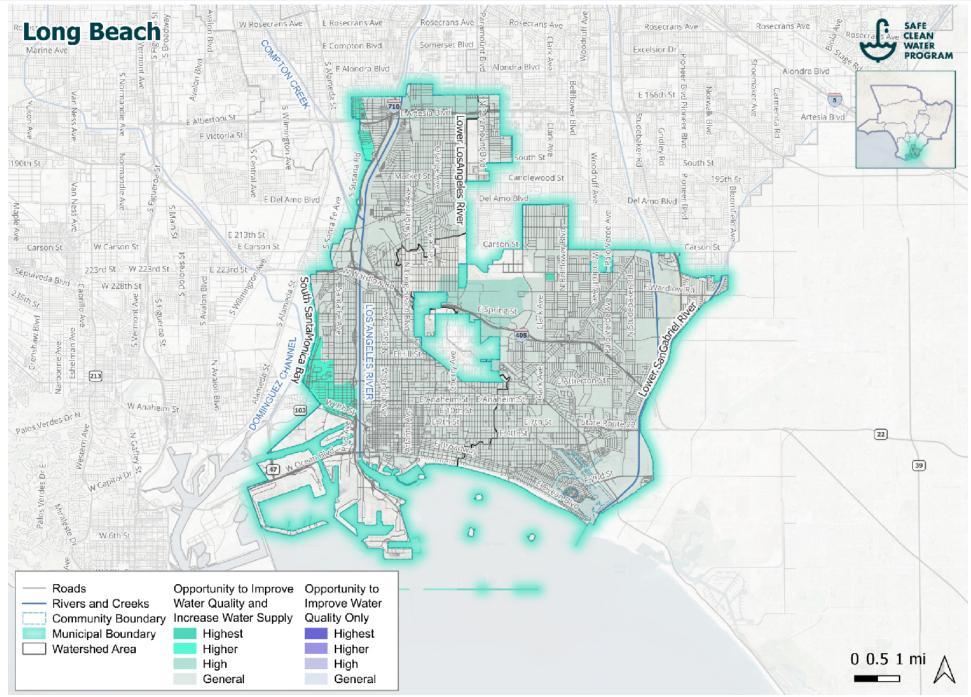


Figure J-73. Long Beach Opportunity for Improving Water Quality and Increasing Water Supply

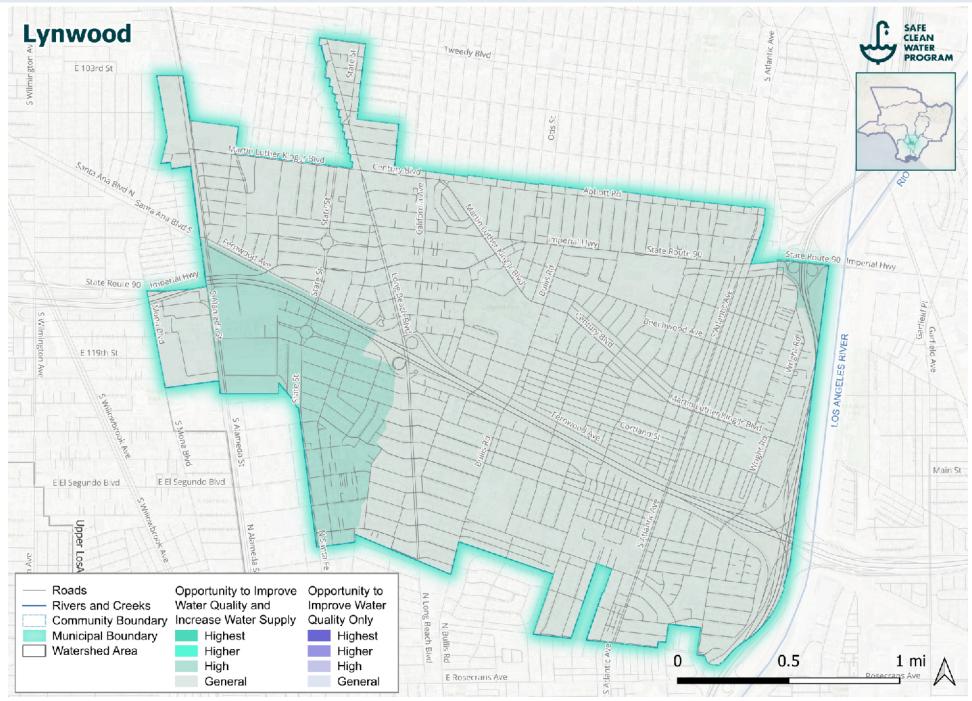


Figure J-74. Lynwood Opportunity for Improving Water Quality and Increasing Water Supply

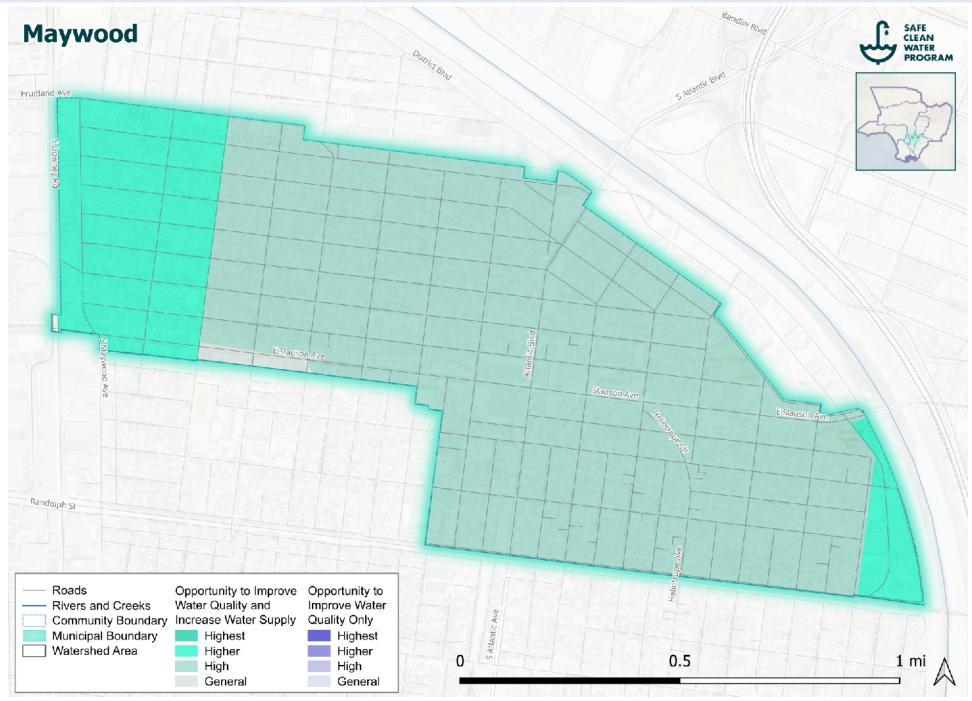


Figure J-75. Maywood Opportunity for Improving Water Quality and Increasing Water Supply

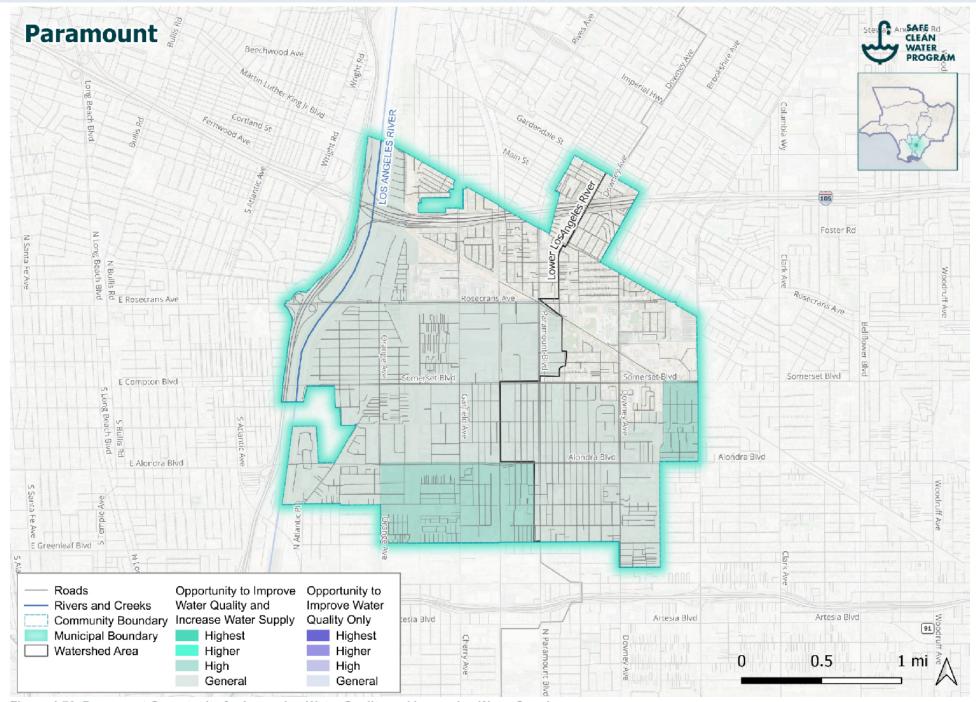


Figure J-76. Paramount Opportunity for Improving Water Quality and Increasing Water Supply

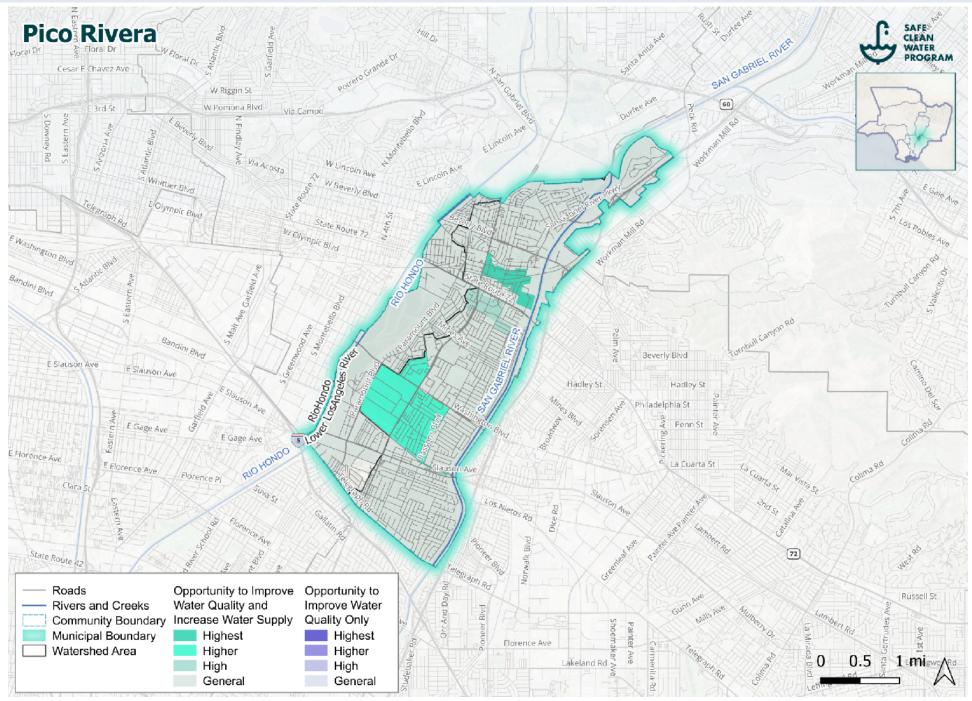


Figure J-77. Pico Rivera Opportunity for Improving Water Quality and Increasing Water Supply

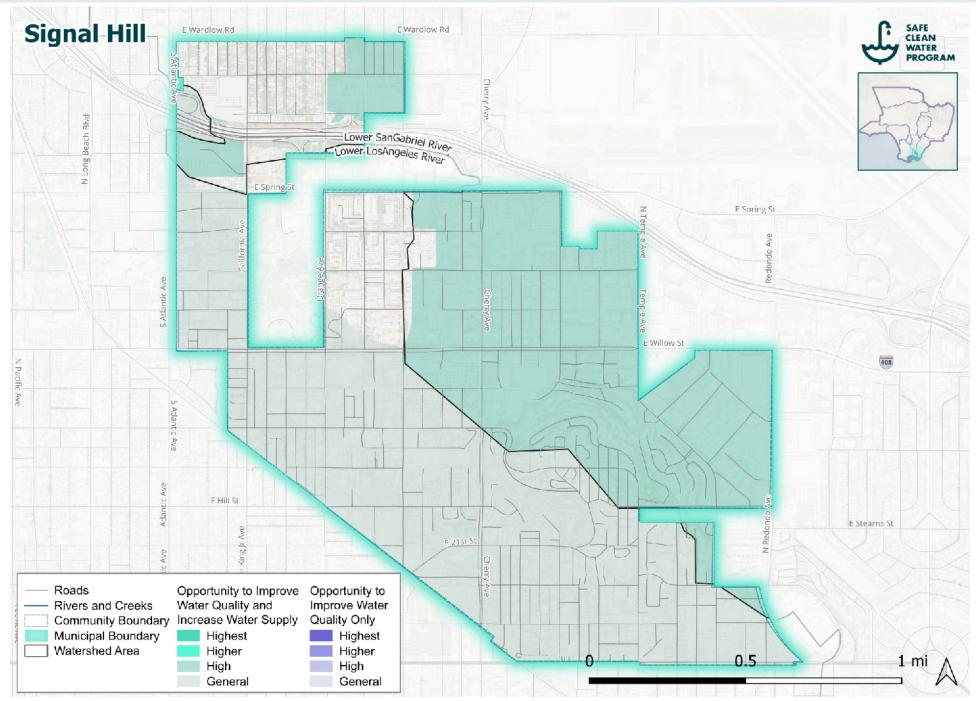


Figure J-78. Signal Hill Opportunity for Improving Water Quality and Increasing Water Supply

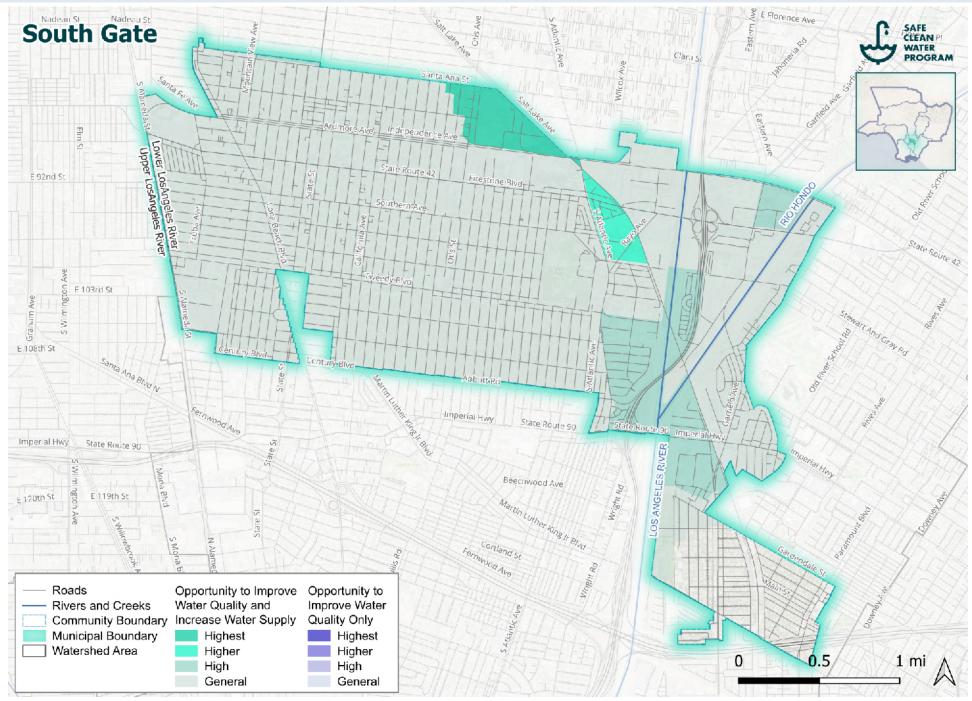


Figure J-79. South Gate Opportunity for Improving Water Quality and Increasing Water Supply

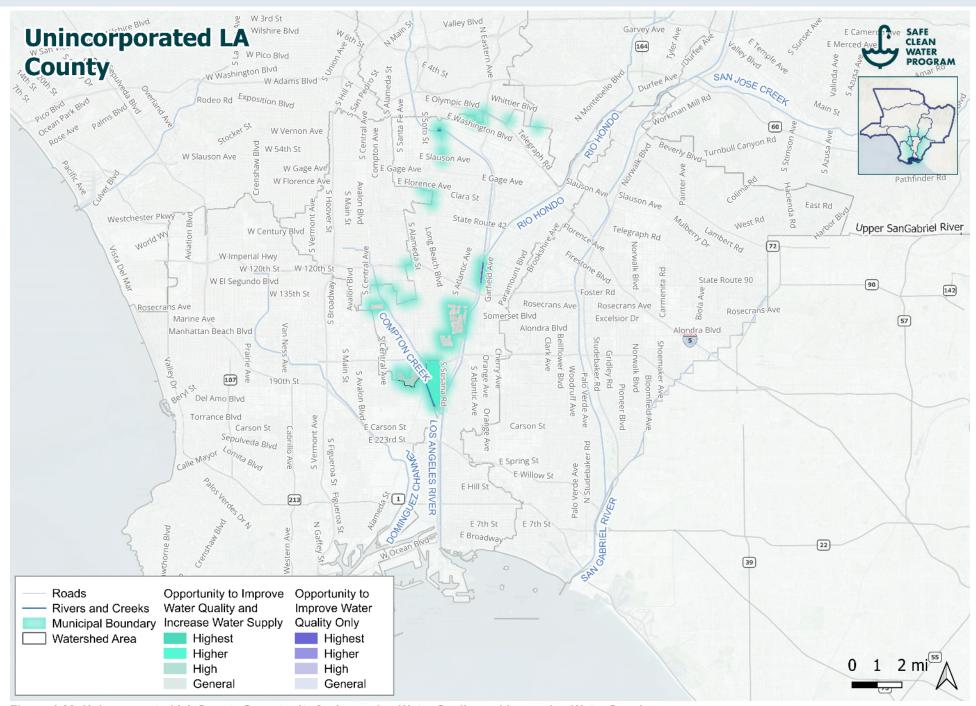


Figure J-80. Unincorporated LA County Opportunity for Improving Water Quality and Increasing Water Supply

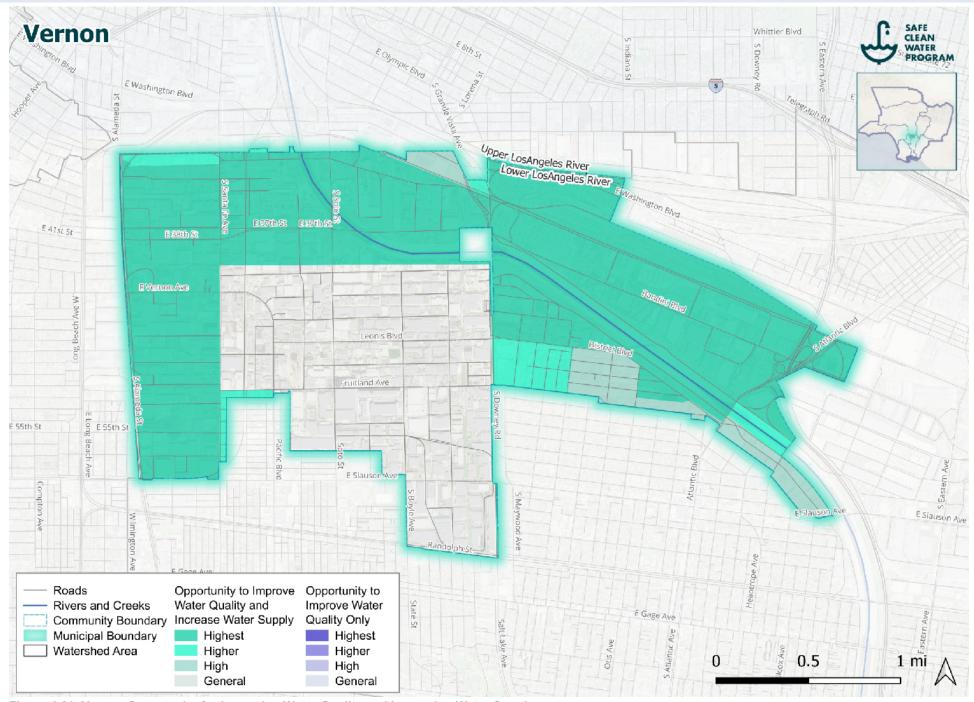


Figure J-81. Vernon Opportunity for Improving Water Quality and Increasing Water Supply

J.2.3 Supervisory District Maps



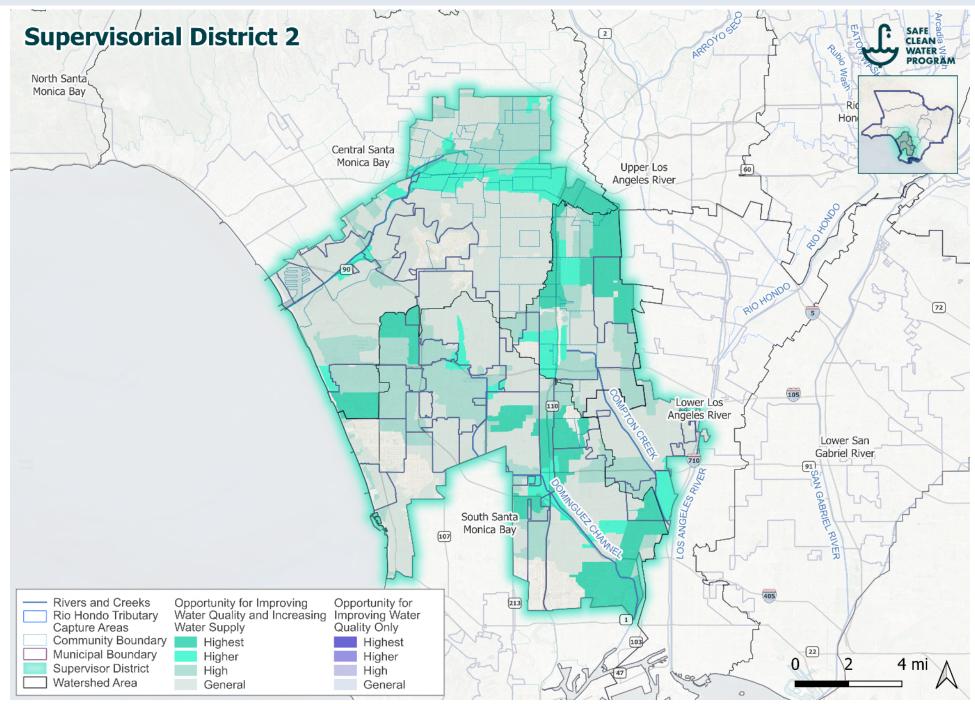


Figure J-82. Supervisorial District 2 Opportunity for Improving Water Quality and Increasing Water Supply

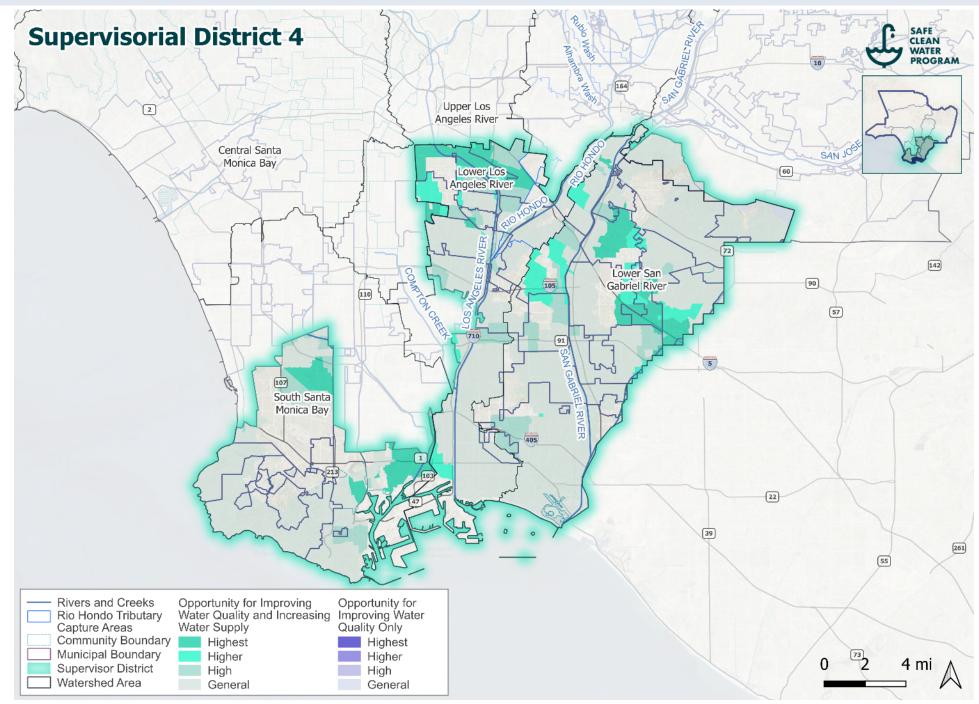


Figure J-83. Supervisorial District 4 Opportunity for Improving Water Quality and Increasing Water Supply