

1. Plan identifies watershed and subwatershed(s) for storm water resource planning.
Original submittal
<p>References:</p> <p>Tahoe Sierra IRWM Plan (2014), Section 2 (Tahoe Sierra Region), Page ES-2, Figure ES-2 and Section 2.8 (Watersheds and Groundwater Basins), Page 2-23. Prepared by Kennedy/Jenks Consultants, July 2014, available online at http://tahoesierrairwm.com/. Also County of El Dorado Pollutant Load Reduction Plan (2011-2016), developed by the County of El Dorado in accordance with the Lake Tahoe TMDL (http://www.waterboards.ca.gov/lahontan/water_issues/programs/tmdl/lake_tahoe/index.shtml), County Baseline Pollutant Load Report (2011)</p>
Updated Submittal
<p>EDC Baseline Pollutant Load Estimate Report (2011) (http://www.edcgov.us/uploadedFiles/Government/LongRangePlanning/StormWaterManagement/Baseline%20Loading%20Report_Final(1).pdf) includes boundaries and analysis of all watersheds analyzed by El Dorado County within the Lake Tahoe Basin. Watershed boundaries are hydrologically defined and not political, inclusive of EDC, Caltrans, and City of South Lake Tahoe jurisdictions. Watersheds were defined based using tributary outfalls to surface waters that drain to Lake Tahoe. Aggregated watersheds were used for regional and sub-regional analysis. Additional discussion can be found in EDC Baseline Pollutant Load Estimate Report (2011) Section 2.2 (Model Parameters, page 5), and Tahoe Sierra IRWM Plan (2014): Page ES-2, Figure ES-2, Section 2.1 (Region Overview, page 2-1), and Section 2-8 (Watershed & Groundwater Basins, page 2-23).</p>

29. Plan identifies opportunities to augment local water supply through groundwater recharge or storage for beneficial use of storm water and dry weather runoff.
Original submittal
<p>References:</p> <p>Tahoe Sierra IRWM (2014), Section 5.2.4 (Increase Water Supply) Pages 5-4 to 5-6, Section 5.2.5 (Improve Water Quality) Page 5-7 and Section 7.1.1 (Plan Benefits) Pages 7-1, 7-2.</p>
Updated Submittal
<p>The Tahoe Sierra IRWM (2014), Section 2.9.1.2 (Water Supply, Groundwater Resources, page 2-38), Section 5.2.4 (Increase Water Supply, pages 5-4 to 5-6), Section 5.2.5 (Improve Water Quality, pages 5-6 to 5-7), Section 5.2.5.6 (Urban Stormwater Runoff Management, page 5-7), and Section 5.2.6.5 (Recharge Area Protection, page 5-9) include plan details confirming that groundwater is the primary water source and how the urban stormwater runoff management strategy, plans and current (2016) project ranking criteria include capture and infiltration of stormwater runoff for water supply (groundwater recharge) purposes. The TRPA BMP Handbook is the design guidance manual for all stormwater projects in the Lake Tahoe basin, and identifies groundwater recharge as an opportunity and implementation outcome for all planning efforts on page 1. The EDC Pollutant Load Reduction Plan (2013) Section 2.1 (Methods of Analysis, page 3) includes analysis using the Pollutant Load Reduction Model (PLRM). The model uses precipitation data and watershed characteristics to predict average annual stormwater runoff (PLRM User's Manual, May 2015, page 4⁷). The models include existing (and proposed) infiltration facilities (ie. Basins) along with quantified volumes of groundwater recharge achieved through infiltration. (See Appendix C for further discussion).</p> <p>Municipal NPDES Permit (2011) Item 5. (page 6) <u>also</u> documents beneficial uses of water bodies.</p>

30. Plan identifies opportunities for source control for both pollution and dry weather runoff volume, onsite and local infiltration, and use of storm water and dry weather runoff.
Original submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 5.2.4 (Increase Water Supply) Pages 5-4 to 5-6, Section 5.2.5 (Improve Water Quality) Page 5-6 to 5-9 and Section 7.1.1 (Plan Benefits) Pages 7-1, 7-2.
Updated Submittal
Tahoe Sierra IRWM (2014), Section 2.11 (Water Quality, page 2-47), Section 5.2.4 (Increase Water Supply, pages 5-4 to 5-6), Section 5.2.5 (Improve Water Quality, pages 5-6 to 5-9) includes a discussion of opportunities for stormwater runoff management. Section 7.1.1 (Plan Benefits, pages 7-1 to 7-669) lists the multiple <u>goals-benefits</u> of projects identified in the IRWM. The TS IRWM site contains an updated list of stormwater and restoration projects that have opportunities for source control, local infiltration, and pollution control of both stormwater and dry weather runoff. The Lake Tahoe TMDL requires new and re-development to first consider opportunities to infiltrate stormwater runoff (County of El Dorado Municipal Stormwater Permit, page 10). TRPA BMP Handbook (Chapter 4.2 – Pollutant Source Control, pages 1 to 101) provides guidance on Pollutant Source Control measures. (See Appendix C for further discussion).

31. Plan identifies projects that reestablish natural water drainage treatment and infiltration systems, or mimic natural system functions to the maximum extent feasible.
Original submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 5.2.4 (Increase Water Supply) Pages 5-4 to 5-6, Section 5.2.5 (Improve Water Quality) Page 5-6 to 5-9 and Section 7.1.1 (Plan Benefits) Pages 7-1, 7-2.
Updated Submittal
Low Impact Development (LID) principles generally encourage project designs that reestablish natural water drainage treatment and infiltration systems, or mimic natural system functions. The updated 2016 IRWM project list and ranking criteria for Storm Water and Flood Control Projects includes ranking criteria specific to Low Impact Development principles (available on the IRWM website: http://tahoesierrairwm.com/projects-2/ and included as Appendix B). Section 7.1.1 (Plan Benefits, <u>p</u> Pages 7-1 through 7-6) lists the multiple goals of project identified in the IRWM. The TRPA BMP Handbook encourages LID site design principles that mimic natural hydrologic function, treatment utilizing infiltration, and the preservation and protection of natural drainages features (TRPA BMP Handbook – Introduction, Pages 17-18). (See Appendix C for further discussion).

32. Plan identifies opportunities to develop, restore, or enhance habitat and open space through storm water and dry weather runoff management, including wetlands, riverside habitats, parkways, and parks.
Original submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 5.2.4 (Increase Water Supply) Pages 5-4 to 5-6, Section 5.2.5 (Improve Water Quality) Page 5-6 to 5-9 and Section 7.1.1 (Plan Benefits) Pages 7-1, 7-2.

Updated Submittal
Tahoe Sierra IRWM (2014), Section 2.12 (Ecological Resources, pages 2-56 to 2-61), Section 4.4.4 (Ecosystem Restoration Objectives, pages 4-7 to 4-8), Section 5.2.6.2 (Ecosystem Restoration, page 5-8), and Section 7.1.1 (Plan Benefits, pages 7-1 to 7-6) lists the multiple <u>goals-benefits</u> of projects identified in the IRWM. The updated project list is available on the IRWM website: http://tahoesierrairwm.com/projects-2/ , and included as Appendix B. As part of the plan, the County and City uses the EIP Tracker Tool to determine additional opportunities for the projects identified in the TS IRWM to restore or enhance habitat or open space. The TRPA EIP Watershed Management Program is an integrated approach designed to improve Lake clarity, restore Stream Environment Zones (SEZ), and make progress on vegetation, soils, wildlife and fisheries environmental threshold standards (TRPA EIP Project Tracker, available online at: https://eip.laketahoeinfo.org/Program/Summary/2).

33. Plan identifies opportunities to use existing publicly owned lands and easements, including, but not limited to, parks, public open space, community gardens, farm and agricultural preserves, school sites, and government office buildings and complexes, to capture, clean, store, and use storm water and dry weather runoff either onsite or offsite.
Original submittal
SWQIC (2008), Interim Guidance Paper for Formulating and Evaluating Alternatives – Tahoe Basin Water Quality Improvement Programs, Page 35 (Acquisitions, USFS Special Use Permits and CTC License Agreements) "Projects should be designed to minimize the need for acquisitions by using available public lands and Right-Of-Way for improvements." http://www.trpa.org/wp-content/uploads/FEA_Interim_Guidance_Paper.pdf
Updated Submittal
SWQIC (2004), pages 6 – 8 and page 16 – 17 discuss development of opportunities and constraints for projects identified in the plan. This includes identification of public lands for the treatment of stormwater runoff (page 14, Item 7 of section 3.2.1. SWQIC (2008) also suggests that "Projects should be designed to minimize the need for acquisitions by using available public lands and Right-Of-Way for improvements." (page 35). Updated ranking sheets for 2016 projects in the TS IRWM includes scoring of stormwater and restoration projects that 1) utilize runoff as a resource and 2) utilize public land (http://tahoesierrairwm.com/wp-content/uploads/2016/08/Copy-of-Tahoe-Sierra-IRWMP-2016-SWFC-Ranking-ranking-sheet-for-stormwater.pdf)

34. For new development and redevelopments (if applicable): Plan identifies design criteria and best management practices to prevent storm water and dry weather runoff pollution and increase effective storm water and dry weather runoff management for new and upgraded infrastructure and residential, commercial, industrial, and public development.
Original submittal
References: NOT APPLICABLE: The County Municipal Separate Storm Sewer System (MS4) Permit (Board Order No. R6T-2011-101A1, NPDES No. CAG616001) includes design criteria and BMP sizing criteria, See online at: http://www.waterboards.ca.gov/lahontan/board_decisions/adopted_orders/2011/docs/r6t_2011_101a1.pdf
Updated Submittal
The Municipal Separate Storm Sewer System (MS4) Permit (Board Order No. R6T-2011-101A1, NPDES No. CAG616001) includes design criteria and BMP sizing criteria on pages 10 and 22. The TRPA Best

Management Practices (BMP) handbook provides additional BMP design assistance (Chapter 4 - BMP Toolkit) as does the El Dorado County Stormwater Management Plan (2013), Section 2 (Construction Component, page 2-1 to 2-15) and Section 6 (New Development and Redevelopment Component, page 6-1 to 6-7), as does the City SWMP plan (page 6-1 and 6-2).

35. Plan uses appropriate quantitative methods for prioritization of projects. (This should be accomplished by using a metrics-based and integrated evaluation and analysis of multiple benefits to maximize water supply, water quality, flood management, environmental, and other community benefits within the watershed.)

Original submittal

County CIP (2015) Section 8. County PLRP (2013), and Section 1.0 (TMDL Background) Page 1, Section 1.2 (Baseline Load Estimate) Page 2, Section 1.3 (Load Reduction Requirements) Page 2, Section 3.0 (Load Reduction Plan) Pages 10 to 17 and Section 3.1 (Catchment Registration Schedule) Page 11. Tahoe Sierra IRWM (2014), Section 4.4 (Plan Objectives and Measurable Planning Targets) Page 4-4 (Water Quality Objectives), Page 4-5 (Water Supply Objectives), Page 4-6 (Groundwater Management Objectives), Page 4-7 (Ecosystem Restoration Objectives), Page 4-8 (Integrated Watershed Management), Section 5 (Resource Management Strategies) Pages 5-1 to 5-11, Section 6.2.1 (Scoring Criteria) Page 6-3, Appendix 6-B-3 (Stormwater/Flood Control Project Criteria Scores).

Updated Submittal

Tahoe Sierra IRWM (2014), Section 4.3 (Plan Goals, pages 4-2 to 4-3), Section 4.4.1 (Water Quality Objectives, page 4-3 to 4-5), Section 4.4.2 (Water Supply Objectives, pages 4-5 to 4-6), Section 4.4.3 (Groundwater Management Objectives, pages 4-6 to 4-7), Section 4.4.4 (Ecosystem Restoration Objectives, page 4-7 to 4-8), and Section 4.4.5 (Integrated Watershed Management Objectives, page 4-8 to 4-9) identifies objectives to meet the goals; Section 5 (Resource Management Strategies, pages 5-1 to 5-11) identifies resource management strategies to meet plan objectives identified in Section 4; and Section 6.2.1 (Scoring Criteria, page 6-3) includes the original criteria and the Tahoe Sierra IRWM website includes updated ranking criteria, with the corresponding prioritization of identified projects (<http://tahoesierrairwm.com/projects-2/> and included as Appendix B).

NPDES Permit (2011): Section IV-C of the permit ([Pollutant Load Reduction Plans](#), page 24-25) identifies the requirement to develop detailed plans to achieve quantifiable pollutant load reduction. The permit allows for development of a schedule to meet the reductions and annual adaptive management to meet load reduction requirements.

The El Dorado County PLRP (2013): Section 1.0 (page 1) gives background of TMDL, Section 1.2 (page 2) the calculated baseline load for El Dorado County, Section 1.3 (page 2) load reduction requirements, Section 3.0 (page 10 -17) the County pollutant load reduction plan. The catchment registration schedule (page 11) is based on projects prioritized by the County to help meet the load reduction requirement. The schedule will be updated as part of the next permit term.

39. Plan projects and programs are identified to ensure the effective implementation of the storm water resource plan pursuant to this part and achieve multiple benefits.

Original submittal

References:

County CIP (2015) Section 8. County PLRP (2013), and Section 1.0 (TMDL Background) Page 1, Section 1.2 (Load Reduction Requirements) Page 2, Section 3.0 (Load Reduction Plan) Pages 10 to 17 and Section 3.1 (Catchment Registration Schedule) Page 11. Tahoe Sierra IRWM (2014), Page ES-11, Section 6 (Project Review Process) Pages 6-1 to 6-7 and Section 8 (Implementation Framework) pages

8-1 to 8-20, Section 8.6 (Plan Updates and Changes) Pages 8-19 to 8-20 and Appendix 6-B (Project Lists) and Appendix 6-C (Completed Project Information Forms).
Updated Submittal
<p>TRPA EIP Project Tracker (2016) used as geospatial tool to identify projects regionally for maximum benefit ((TRPA EIP Project Tracker, available online at: https://eip.laketahoeinfo.org/Program/Summary/2)</p> <p>SWQIC (2004) Section 2.1 (Alternative Analysis Process, page 5) identifies coordination efforts and feedback loop for project delivery; and Section 2.2 (Elements of the Alternative Process, page 7) includes <u>identifies</u> evaluation of “other benefits”.</p> <p>County PLRP (2013), Section 3.0 (Load Reduction Plan, pages 10 to 17).</p> <p>Tahoe Sierra IRWM (2014), Section 8.2.2 (Roles and Responsibilities, page 8-3 to 8-5) identifies the roles of partners to help with project implementation.</p> <p><u>NPDES Permit (2011): IV.B (page 24) identifies load reduction requirements.</u></p>

40. The Plan identifies the development of appropriate decision support tools and the data necessary to use the decision support tools.
Original submittal
<p><u>References:</u></p> <p>County CIP (2015) Section 8. County PLRP (2013), and Section 1.0 (TMDL Background) Page 1, Section 1.2 (Load Reduction Requirements) Page 2, Section 3.1 (Load Reduction Approach) Pages 10 to 17 and Section 3.1 (Catchment Registration Schedule) Page 11. Tahoe Sierra IRWM (2014), Page ES-11, Section 6 (Project Review Process) Pages 6-1 to 6-7 and Section 8 (Implementation Framework) pages 8-1 to 8-20, specifically Section 8.2.4 (Decision Making) Page 8-8.</p>
Updated Submittal
<p>The decision support tools include use of <u>County PLRP (Section 3.5, page 17)</u> for Annual Adaptive Management, TS IRWM (<u>Project Scoring Process, page 6-2</u>) for Evaluation Process, and TS IRWM (<u>Plan Updates and Changes, pPage 8-19</u>) for process to use for updates to the plan (additional projects, benefits, partners, etc.). Data includes, but is not limited to, pollutant load estimates from the PLRP (<u>Baseline Pollutant Load Calculation, pPage 2</u>), updates to watershed parameters (landuse, impervious cover, precipitation data). Lake Tahoe TMDL Management System Handbook (December 2014), (Active Monitoring Programs, page 23) and stake holder definitions (page 43). Available online at: https://www.enviroaccounting.com/TahoeTMDL/FileResource/GetFileResourceForProgram/df915504-6fdf-495e-823c-5ac7c3f5eb17.</p>

42. Applicable IRWM plan: The Plan will be submitted, upon development, to the applicable integrated regional water management (IRWM) group for incorporation into the IRWM plan.
Original submittal
<p><u>References:</u></p> <p>Tahoe Sierra IRWM (2014), Section 5.2.5.6 (Urban Stormwater Runoff Management) Page 5-7, Section 6 (Project Review Process) Pages 6-1 to 6-7, Section 8.6 (Plan Updates and Changes) Pages 8-19 to 8-20 and Appendix 6-B (Project Lists) and Appendix 6-C (Completed Project Information Forms).</p>
Updated Submittal
<p>See <u>Attachment #1ppendix D</u>, PDF of email documenting submittal of this plan to the TS IRWM. Tahoe Sierra IRWM (2014), Section 8.6 (Plan Updates and Changes, page 8 <u>to -20</u>), TS IRWM allows updates/amendments to IRWM without complete re-adoption.</p>

44. Outreach and Scoping: Community participation is provided for in Plan implementation.
Original submittal
<u>References:</u> (Tahoe Sierra IRWM (2014), page ES-13, Table ES-3 (IRWM Plan Near-Term Implementation Activities and Schedule), Section 1.3 (Stakeholder Coordination and Outreach) Pages 1-11 to 1-16, specifically Section 1.3.3 (Community Outreach Overview), Pages 1-14 to 1-16.
Updated Submittal
Public Outreach is a critical component of Plan implementation as identified in the TS IRWMP (2014) 1.3.3 (Community Outreach overview, page 1-14), Section 8 (Implementation Framework, page 8-1), and Section 8.2.3.2 (Public Involvement Process, page 8-7 to 8-8) . Currently Public comments and questions can be submitted to the TS IRWM Website (http://tahoesierrairwm.com/contact/). keeps updated project information on website providing opportunities for public input through design/planning process (http://www.edcgov.us/DOT/Tahoe_Engineering.aspx). County SWMP (2013), Section 7.1 (Overview, page 7-1) and Section 7-4 (Supporting Control Measures (PE1 – Public Participation), page 7-3 to 7-4).

2. Plan is developed on a watershed basis, using boundaries as delineated by USGS, CalWater, USGS Hydrologic Unit designations, or an applicable integrated regional water management group, and includes a description and boundary map of each watershed and sub-watershed applicable to the Plan.

Original submittal

References:
Tahoe Sierra IRWM (2014), Section 2 (Tahoe Sierra Region), Page ES-2, Figure ES-2, and Section 2.8 (Watersheds and Groundwater Basins), Page 2-23 and Figure 2-8 and County PLRP (2013), County Baseline Pollutant Load Report (2011).

Updated Submittal

~~Tahoe Sierra IRWM (2014) Section 2.8 (Watersheds & Groundwater Basins, page 2-23) identifies Hydrologic Units (watersheds) used. The Tahoe Sierra IRWM Plan was developed using USGS defined watersheds.~~ The overall boundary includes areas outside of the Tahoe Basin. The boundaries were further subdivided based on tributary outfalls to surface waters and Lake Tahoe. ~~Executive Summary (-Page ES-2, Figure ES-2), Section 2.1 (Region Overview, page 2-1), and Section 2-8 (Watershed & Groundwater Basins, page 2-23).~~
EDC Baseline Pollutant Load Estimate Report (2011) ([http://www.edcgov.us/uploadedFiles/Government/LongRangePlanning/StormWaterManagement/Baseline%20Loading%20Report_Final\(1\).pdf](http://www.edcgov.us/uploadedFiles/Government/LongRangePlanning/StormWaterManagement/Baseline%20Loading%20Report_Final(1).pdf)) includes boundaries and analysis of all watersheds analyzed by El Dorado County within the Lake Tahoe Basin. Watershed boundaries are hydrologically defined and not political, inclusive of EDC, Caltrans, and City of South Lake Tahoe jurisdictions. Watersheds were defined based using tributary outfalls to surface waters that drain to Lake Tahoe. Aggregated watersheds were used for regional and sub-regional analysis. Additional discussion can be found in EDC Baseline Pollutant Load Estimate Report (2011) Section 2.2 (Model Parameters), page 5), ~~and Tahoe Sierra IRWM Plan (2014): Page ES-2, Figure ES-2, Section 2.1 (Region Overview, page 2-1), and Section 2-8 (Watershed & Groundwater Basins, page 2-23).~~

9. Plan identifies (quantitative, if possible) the natural watershed processes that occur within the sub-watershed and a description of how those natural watershed processes have been disrupted within the sub-watershed (e.g., high levels of imperviousness convert the watershed processes of infiltration and interflow to surface runoff increasing runoff volumes; development commonly covers natural surfaces and often introduces non-native vegetation, preventing the natural supply of sediment from reaching receiving waters).

Original submittal

References:
Tahoe Sierra IRWM (2014), Section 5.2.5 (Improve Water Quality), Pages 5-6, 5-7 and 5.2.6 (Practice Resources Stewardship), Pages 5-8, 5-9.

Updated Submittal

Tahoe Sierra IRWM (2014), ~~Section 2.1 (Regional Overview, page 2-1) includes regional impacts to watersheds.~~ Section 5.2.5 (Improve Water Quality), ~~Pages 5-6 and, 5-7), and 5.2.6 (Practice Resources Stewardship), Pages pages 5-8 and, 5-9).~~
County Baseline (2011) Section 2.2 (Model Parameters) Pages 5 – 9, discussion of parameters uses that affect watershed model processes.

17. Plan includes identification of nonprofit organizations working on storm water and dry weather resource planning or management in the watershed.

Original submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 1.3 (Stakeholder Coordination and Outreach) Pages 1-11 to 1-15 and Section 9, Page 9-2. Lake Tahoe Basin Stormwater Management Plan (2013) Section 7-3
Updated Submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 1.3 (Stakeholder Coordination and Outreach, pages 1-11 to 1-15) and Section 9.1 (Intra-Regional Coordination, pages 9-1 to 9-4); and EDC Lake Tahoe Basin Stormwater Management Plan (2013) Section 7 (Public Education Component, page 7-1).

19. Plan includes identification of required decisions that must be made by local, state or federal regulatory agencies for Plan implementation and coordinated watershed-based or regional monitoring and visualization.
Original submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 8.2.4 (Decision Making) Page 8-8 and Section 9 (Coordination), Pages 9-1 to 9-4.
Updated Submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 8.2.4 (Decision Making, page 8-8) and Section 9 (Coordination, pages 9-1 to 9-4). NPDES Permit (2011) (C. Pollutant Load Reduction Plans, Item #6 – Annual adaptive management, page 25) for regulatory compliance, V2 (page 27) for how to address monitoring modifications. County PLRP (2013) Section 3.5 (Annual Adaptive Management, page 17).

21. Plan describes the relationship of the Plan to other existing planning documents, ordinances, and programs established by local agencies.
Original submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 3 (Relation to Local Planning) Pages 3-1 to 3-11 and Section 9 (Coordination), Pages 9-1 to 9-4.
Updated Submittal
See Cover Letter; and Tahoe Sierra IRWM (2014), Section 3 (Relation to Local Planning, pages 3-1 to 3-11) describes relation to other planning documents, and Section 9 (Coordination, pages 9-1 to 9-4). Cover letter includes additional discussion of other-related planning documents as well.

23. For all analyses: Plan includes an integrated metrics-based analysis to demonstrate that the Plan’s proposed storm water and dry weather capture projects and programs will satisfy the Plan’s identified water
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management objectives and multiple benefits.
Original submittal
<u>References:</u> County PLRP (2013), Section 2.1 (Load Reduction Approach), PLRP Pages 4 to 7. County CIP (2015), section 8. Tahoe Sierra IRWM (2014), Section 4.4 (Plan Objectives and Measurable Planning Targets), Section 6.2.1 (Scoring Criteria) Page 6-3, Appendix 6-B-3.
Updated Submittal
<u>References:</u> County PLRP (2013) Section 2.1 (Load Reduction Approach <u>Methodologies</u> , pages 4-3 to 7). Tahoe Sierra IRWM (2014), Section 4.4 (Plan Objectives and Measurable Planning Targets, page 4-3), Section 6.2.1 (Scoring Criteria, page 6-3), Appendix 6-B-3 (Stormwater/Flood Control Project Criteria Scores) identifies original results; and Appendix B of Cover Letter (IRWM 2016 Stormwater Ranking Criteria and Final Project Ranking) identifies updated criteria and list of Projects. Current and future projects will be ranked on this criteria.

24. For water quality project analysis (section VI.C.2.a)
Plan includes an analysis of how each project and program complies with or is consistent with an applicable NPDES permit. The analysis should simulate the proposed watershed-based outcomes using modeling, calculations, pollutant mass balances, water volume balances, and/or other methods of analysis. Describes how each project or program will contribute to the preservation, restoration, or enhancement of watershed processes (as described in Guidelines section VI.C.2.a)
Original submittal
<u>References:</u> County PLRP (2013), Section 3.0, PLRP Pages 10-17. County CIP (2015) Section 8. Tahoe Sierra IRWM (2014), Section 4.4 (Plan Objectives and Measurable Planning Targets), Section 6.2.1 (Scoring Criteria) Page 6-3, Appendix 6-B-3.
Updated Submittal
<u>References:</u> County Baseline (2011) Section 3.0 (Results) includes analysis of water quality models for all catchments that are the responsibility of El Dorado County. County PLRP (2013), Section 1.0 (Background, pages 1 – 2) discussion of how analysis is for TMDL compliance; and Section 3.0 (County Pollutant Load Reduction Plan, pages 10 to 17) discusses Plan for load reduction. Tahoe Sierra IRWM (2014) Section 4.4 (Plan Objectives and Measureable Planning Targets, page 4-3 to 4-10) highlights the objectives; Section 5 (Resource Management Strategies, pp Pages 5-1 to 5-11) highlights the strategies to meet the Plan goals and objectives; Section 6.2.1 (Scoring Criteria, P page 6-3 and 6-4) identifies original criteria; Appendix 6-B-3 (Stormwater/Flood Control Project Criteria Scores) identifies original results; and Appendix B of Cover Letter (IRWM 2016 Stormwater Ranking Criteria and Final Project Ranking) identifies updated criteria and list of Projects. Current and future projects will be ranked on this criteria.

25. For storm water capture and use project analysis (section VI.C.2.b):
Plan includes an analysis of how collectively the projects and programs in the watershed will capture and use the proposed amount of storm water and dry weather runoff.

Original submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 5.2.4 (Increase Water Supply) Page 5-4 to 5-9 and Section 7.1.1 (Plan Benefits) Page 7-2.
Updated Submittal
Tahoe Sierra IRWM (2014), Section 5.2.4 (Increase Water Supply, pages 5-4 to 5-6), Section 5.2.5 (Improve Water Quality, pages 5-6 to 5-7). County PLRP (2013) Section 3.5 (Annual Adaptive Management, page 17).

26. For water supply and flood management project analysis (section VI.C.2.c): Plan includes an analysis of how each project and program will maximize and/or augment water supply.
Original submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 5.2.4 (Increase Water Supply) Page 5-4 to 5-9 and Section 7.1.1 (Plan Benefits) Page 7-2.
Updated Submittal
<u>References:</u> Tahoe Sierra IRWM (2014), Section 5.2.4 (Increase Water Supply, pages 5-4 to 5-6), Section 5.2.5 (Improve Water Quality, pages 5-6 to 5-7), and Section 7.1.1 (Plan Benefits, pages 7-1 and 7-2). County Baseline (2011) Section 2.2 (Model Parameters, page 5), includes model parameters that will be utilized in pre/post project watershed analysis.

36. Overall: Plan prioritizes projects and programs using a metric-driven approach and a geospatial analysis of multiple benefits to maximize water supply, water quality, flood management, environmental, and community benefits within the watershed.
Original submittal
<u>References:</u> County CIP (2015) Section 8. County PLRP (2013), and Section 1.0 (TMDL Background) Page 1, Section 1.2 (Baseline Load Estimate) Page 2, Section 1.3 (Load Reduction Requirements) Page 2, Section 3.0 (Load Reduction Plan) Pages 10 to 17 and Section 3.1 (Catchment Registration Schedule) Page 11. Tahoe Sierra IRWM (2014), Section 4.4 (Plan Objectives and Measurable Planning Targets) Page 4-4 (Water Quality Objectives), Page 4-5 (Water Supply Objectives), Page 4-6 (Groundwater Management Objectives), Page 4-7 (Ecosystem Restoration Objectives), Page 4-8 (Integrated Watershed Management), Section 5 (Resource Management Strategies) Pages 5-1 to 5-11, Section 6.2.1 (Scoring Criteria) Page 6-3, Appendix 6-B-3 (Stormwater/Flood Control Project Criteria Scores).
Updated Submittal
NPDES Permit (2011) Item 4. (page 7) discuss Project prioritization process. County PLRP (2013) Section 1.0 (TMDL Background, page 1), Section 1.2 (Baseline Load Calculation, page 2), Section 3.0 (County Pollutant Load Reduction Plan, pages 10 to 17). Tahoe Sierra IRWM (2014), Section 4 (Objectives, page 4-1) discusses the types of Projects which will meet the goals and objects of the Plan, Section 4.3 (Plan Goals, page 4-2 and 4-3) highlights the goals;

Section 4.4 (Plan Objectives and Measureable Planning Targets, page 4-3 to 4-10) highlights the objectives; Section 5 (Resource Management Strategies, pages 5-1 to 5-11) highlights the strategies to meet the Plan goals and objectives; Section 6.2.1 (Scoring Criteria, page 6-3 and 6-4) identifies original criteria; and Appendix B of Cover Letter (IRWM 2016 Stormwater Ranking Criteria and Final Project Ranking) identifies updated criteria and list of Projects. Current and future projects will be ranked on this criteria.

37. Multiple benefits:

Each project in accordance with the Plan contributes to at least two or more Main Benefits and the maximum number of Additional Benefits as listed in Table 4 of the Guidelines. (Benefits are not counted twice if they apply to more than one category.)

Original submittal

References:

County CIP (2015) Section 8. County PLRP (2013), and Section 1.0 (TMDL Background) Page 1, Section 1.2 (Baseline Load Estimate) Page 2, Section 1.2 (Load Reduction Requirements) Page 2, Section 3.0 (Load Reduction Plan) Pages 10 to 17 and Section 3.1 (Catchment Registration Schedule) Page 11. Tahoe Sierra IRWM (2014), Section 4.4 (Plan Objectives and Measurable Planning Targets) Section 5 (Resource Management Strategies) Pages 5-1 to 5-11, Section 6.2.1 (Scoring Criteria) Page 6-3, Appendix 6-B-3 (Stormwater/Flood Control Project Criteria Scores).

Updated Submittal

Tahoe Sierra IRWM (2014) Section 6.2.1 (Scoring Criteria, page 6-3 and 6-4) identifies original criteria; and Appendix B of Cover Letter (IRWM 2016 Stormwater Ranking Criteria and Final Project Ranking) identifies updated criteria and list of Projects. Current and future projects will be ranked on this criteria.

47. Plan describes mechanisms to engage communities in project design and implementation.

Original submittal

Tahoe Sierra IRWM (2014), Page ES-13, Table ES-3, Section 1.3 (Stakeholder Coordination and Outreach) Pages 1-11 to 1-16, Section 8 (Implementation Framework), Page 8-19, Table 8-4.

Updated Submittal

References:

Tahoe Sierra IRWM (2014) Section 1.3 (Stakeholder Coordination and Outreach, pages 1-11 to 1-16) discusses outreach for Plan development; and Section 9.1 (Intra-Regional Coordination, page 9-1 to 9-4) is applicable to Plan updates as well as planning and implementation of specific projects. SWQIC (2008), Interim Guidance Paper for Formulating and Evaluating Alternatives – Tahoe Basin Water Quality Improvement Programs, Page 37 (Working with the Public).