

APPENDIX E –PROJECT EVALUATION SUMMARY TABLE

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As discussed in Appendix D, each identified project is grouped by component and given a project ID. Project types were also assigned. More discussion on the project types and the overall evaluation approach can be found in Section 4 of the West Slope Stormwater Resource Plan (SWRP). Table E.1 shows an example score assigned to each criterion. The criteria scores range from 0 to 3, where 0 is generally not applicable and 3 is highest benefit. Table E.2 shows the sum of criteria scores are for this example project.

Table E.2 Example of Project Evaluation Summary Table - Sum of Criteria per Benefit Category

	Benefit Category						
	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity
Sum of Criteria per Benefit Category	0	3	3	18	15	5	11

In order to compare the benefit category scores for a project, the summed scores were normalized to a 0 to 3 range, where 0 is the lowest score and 3 is the highest score. Normalization allows for comparison between benefit category scores that are measured using different number of criteria. If a project had no benefits in a given benefit category, it received a 0. If only one criteria was applicable in a benefit category and scored a 1, then the normalized score would be 1. If all criteria in a benefit category were applicable and all scored 3, then the normalized score was 3. Table E.3 shows the possible sum of criteria scores per benefit category and the normalized overall benefit category score for each benefit category.

For example, in Table E.2 the sum of criteria scores for Water Supply and Flood Management is 3. Referencing Table E.3, the overall benefit category score is normalized to 1.5 for Water Supply and 1.8 for Flood Management. Even though the benefit category score for Water Supply and Flood Management is 3, Water Supply and Flood Management benefit categories have different number of criteria so the possible sum of criteria scores and the normalization of overall benefit category score will be different.

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Table E.3 Overall Benefit Category Scores

Sum of Criteria Score per Benefit Category	Overall Benefit Category Score						
	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	1.25	1.25	1.40	1.10	1.14	1.40	1.14
3	1.50	1.50	1.80	1.20	1.29	1.80	1.29
4	1.75	1.75	2.20	1.30	1.43	2.20	1.43
5	2.00	2.00	2.60	1.40	1.57	2.60	1.57
6	2.25	2.25	3.00	1.50	1.71	3.00	1.71
7	2.50	2.50		1.60	1.86		1.86
8	2.75	2.75		1.70	2.00		2.00
9	3.00	3.00		1.80	2.14		2.14
10				1.90	2.29		2.29
11				2.00	2.43		2.43
12				2.10	2.57		2.57
13				2.20	2.71		2.71
14				2.30	2.86		2.86
15				2.40	3.00		3.00
16				2.50			
17				2.60			
18				2.70			
19				2.80			
20				2.90			
21				3.00			

*Gray cells represent not applicable sum of criteria scores per benefit category

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Table E.4 shows the sum of criteria scores are calculated in Table E.2 for each benefit category normalized to an overall benefit category score for each benefit category based on Table E.3. After the overall benefit category score is calculated for the project, the weighted score for the project can be calculated using benefit category weights.

Table E.4 Example of Project Evaluation Summary Table – Overall Benefit Category Score

	Benefit Category						
	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity
Overall Benefit Category Score	0.00	1.50	1.80	2.70	3.00	2.60	2.43

Benefit category weights, shown in Table E.5, were developed using a paired comparison analysis to determine the relative importance of each benefit category used in the West Slope SWRP. Development of benefit category weights is discussed in further detail in Section 4 and Appendix C of the West Slope SWRP. To calculate the project weighted score, the overall benefit category score is multiplied by the respective benefit category weight. Table E.6 shows the calculation of the example project weighted score in Table E.1. After the project weighted score are calculated, projects are organized within each component relative to their weighted score.

Table E.5 Benefit Category Weights

	Benefit Category						
	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity
Benefit Category Weight*	15%	23%	11%	14%	10%	18%	9%
*Reference: Development of benefit category weights is discussed in further detail in Section 4 and Appendix C of the West Slope SWRP.							

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Table E.6 Example of Project Evaluation Summary Table – Weighted Score

	Benefit Category							Project Weighted Score
	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	
Overall Benefit Category Score	0.00	1.50	1.80	2.70	3.00	2.60	2.43	n/a
Benefit Category Weight	15%	23%	11%	14%	10%	18%	9%	n/a
Weighted Score per Benefit Category	0.00	0.35	0.20	0.38	0.30	0.47	0.22	1.91

Projects are grouped into “A”, “B” or “C” group based on their weighted score within a given component. Projects in the “A” group received one of the top third weighted scores, projects in the “B” group received one of the middle third weighted scores, and projects in the “C” group received one of the bottom third weighted scores within a given component. “A” group projects typically have the highest potential to provide the greatest multi-benefits, “B” projects have moderate potential, and “C” projects have less potential. For a more accurate comparison between projects, the Stormwater Management component projects were evaluated based on whether they were Structural and Non-Structural projects. Further discussion on the types of projects identified as Structural and Non-Structural under the Stormwater Management Component may be found in Section 4.1 of the West Slope SWRP.

The following sections summarizes the project evaluations per project type under each of the components: Surface Water Storage, Watershed Management and Stormwater Management (Structural and Non-Structural).

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E.2 SURFACE WATER STORAGE SWRP COMPONENT EVALUATION SUMMARY

Surface Water Storage SWRP Component																																									
Project Information			Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental							Community					Project Cost		Implementation Complexity							
Project ID	Name	Project Proponent	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way			
Reservoir Creation																																									
100	Alder Reservoir	El Dorado County Water Agency	A	0.0	1.5	1.8	2.4	3.0	2.6	2.4	1.87	0	0	0	3	0	0	3	0	3	0	3	0	3	3	3	3	3	3	3	3	3	3	3	2	3	3	1	1	3	3
Reservoir Upgrade																																									
104	Silver Lake Dam Remediation	El Dorado Irrigation District	C	0.0	1.5	1.4	1.9	2.9	2.6	2.4	1.74	0	0	0	3	0	0	2	0	2	0	3	0	2	0	3	3	3	3	3	3	2	2	3	3	1	1	3	3		

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E.3 WATERSHED MANAGEMENT SWRP COMPONENT EVALUATION SUMMARY

Watershed Management SWRP Component																																						
Project Information			Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental						Community				Project Cost		Implementation Complexity						
Project ID	Name	Project Proponent	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way
Fire Restoration																																						
209	King Fire Watershed Restoration & Reforestation Project	EI Dorado County & Georgetown Divide Resource Conservation	B	1.5	0.0	0.0	1.6	1.9	2.2	2.4	1.25	0	3	0	0	0	0	0	0	2	0	0	3	2	0	0	0	1	3	0	3	2	2	3	1	1	3	3
210	Sand Fire Watershed Restoration & Reforestation Project	EI Dorado County & Georgetown Divide Resource Conservation	B	1.5	0.0	0.0	1.4	1.9	2.2	2.4	1.22	0	3	0	0	0	0	0	0	1	0	0	3	1	0	0	0	1	3	0	3	2	2	3	1	1	3	3
Renewable Energy																																						
200	Biomass Plant-Union Mine	EI Dorado County Water Agency	A	1.0	1.5	0.0	1.2	2.6	2.2	2.0	1.50	0	1	0	1	2	0	0	0	0	0	0	0	0	3	0	3	3	3	0	3	2	2	1	1	1	2	3
221	Camino Biomass Facility	County of EI Dorado	A	1.0	1.5	0.0	1.2	2.6	2.2	2.0	1.50	0	1	0	1	2	0	0	0	0	0	0	0	0	3	0	3	3	3	0	3	2	2	1	1	1	2	3
213	Anaerobic Digestion System at Union Mine WWTP	County of EI Dorado	B	1.0	0.0	0.0	1.2	2.4	2.2	2.3	1.16	0	1	0	0	0	0	0	0	0	0	0	0	3	0	3	2	3	0	3	2	2	1	3	1	2	3	
214	In-Vessel Composting System at Union Mine Landfill or MRF	County of EI Dorado	C	1.0	0.0	0.0	0.0	2.4	2.2	2.3	0.99	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	0	3	2	2	1	3	1	2	3
215	Compost Facility within EI Dorado County	County of EI Dorado	C	1.0	0.0	0.0	0.0	2.4	2.2	2.3	0.99	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	0	3	2	2	1	3	1	2	3

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Watershed Management SWRP Component																																						
Project Information			Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental						Community				Project Cost		Implementation Complexity						
Project ID	Name	Project Proponent	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way
Forest Management																																						
220	Caples Watershed Improvement	U.S. Forest Service	A	1.5	0.0	0.0	1.7	2.1	2.6	2.3	1.35	0	3	0	0	0	0	0	0	3	0	0	2	3	0	0	0	1	3	3	2	3	2	3	1	0	3	3
219	Fire Adaptive along Highway 50-Fuels Reduction	U.S. Forest Service	A	1.5	0.0	0.0	1.3	2.4	2.6	2.3	1.32	0	3	0	0	0	0	0	0	2	0	0	0	2	0	0	0	3	3	3	2	3	2	3	1	0	3	3
231	Pompeii Fire Salvage Stewardship	U.S. Forest Service	A	1.5	0.0	0.0	1.3	2.1	2.6	2.6	1.32	0	3	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	3	3	2	3	2	3	3	0	3	3
232	Quidazoic Fire Salvage Stewardship	U.S. Forest Service	A	1.5	0.0	0.0	1.3	2.1	2.6	2.6	1.32	0	3	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	3	3	2	3	2	3	3	0	3	3
234	King Fire Pile Burning	U.S. Forest Service	A	1.5	0.0	0.0	1.3	2.1	2.6	2.6	1.32	0	3	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	3	3	2	3	2	3	3	0	3	3
229	Cesar Fire Salvage Stewardship	U.S. Forest Service	A	1.5	0.0	0.0	1.3	1.7	2.6	2.6	1.28	0	3	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	3	2	3	2	3	3	0	3	3
236	John Don't Fuels Reduction	U.S. Forest Service	A	1.5	0.0	0.0	1.5	2.1	2.2	2.3	1.25	0	3	0	0	0	0	0	0	3	0	0	0	3	0	0	0	1	3	3	2	2	2	3	1	0	3	3
226	Western Georgetown Fuel Reduction Integrated Resource Timber Contract-Timber Sale	U.S. Forest Service	B	1.5	0.0	0.0	1.3	2.1	2.2	2.1	1.21	0	3	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	3	3	2	2	2	1	2	0	3	3
227	Georgetown Divide Fuelbreak	U.S. Forest Service	B	1.5	0.0	0.0	1.5	1.7	2.2	2.1	1.20	0	3	0	0	0	0	0	0	3	0	0	0	3	0	0	0	1	0	3	2	2	2	1	2	0	3	3
228	Jenkinson Lake Fuels Reduction	U.S. Forest Service	B	1.5	0.0	0.0	1.3	1.7	2.2	2.3	1.18	0	3	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	3	2	2	2	1	3	0	3	3
235	Tobacco Gulch Integrated Resource Timber Contract-Timber Sale & Thinning Project	U.S. Forest Service	B	0.0	0.0	0.0	1.5	2.1	2.6	2.3	1.10	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	1	3	3	2	3	2	3	1	0	3	3

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Project ID	Name	Project Proponent	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way	
Forest Management (contd.)																																							
230	2-Chaix Fire Thinning	U.S. Forest Service	B	0.0	0.0	0.0	1.3	2.1	2.6	2.6	1.10	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	3	3	2	3	2	3	3	0	3	3	
223	Two-fer Integrated Resource Timber Contract-Timber Sale	U.S. Forest Service	B	0.0	0.0	0.0	1.5	2.1	2.2	2.1	1.01	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	1	3	3	2	2	2	2	1	2	0	3	3
233	Fred's Noxious Weed Treatment-Vegetation Management	U.S. Forest Service	C	0.0	0.0	0.0	1.1	2.1	2.2	2.6	1.00	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	3	3	2	2	2	3	3	0	3	3	
224	Reservoir Thinning Integrated Resource Timber Contract	U.S. Forest Service	C	0.0	0.0	0.0	1.3	2.1	2.2	2.1	0.99	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	3	3	2	2	2	1	2	0	3	3	
225	Quintette Integrated Resource Timber Contract – Supplemental Information Report-Timber Sale	U.S. Forest Service	C	0.0	0.0	0.0	1.3	2.1	2.2	2.1	0.99	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	3	3	2	2	2	1	2	0	3	3	
238	Trestle Integrated Resource Timber Contract-Timber Sale	U.S. Forest Service	C	0.0	0.0	0.0	1.3	1.7	2.2	2.6	0.98	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	3	2	2	2	3	3	0	3	3	

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Forest Management (contd.)																																						
237	O'leary Cow Integrated Resource Service Contract/Integrated Resource Timber Contract-Timber Sale & Thinning Project	U.S. Forest Service	C	0.0	0.0	0.0	1.1	2.1	2.2	2.3	0.97	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	3	3	2	2	2	3	1	0	3	3
239	Georgetown Insect Salvage Timber Sale	U.S. Forest Service	C	0.0	0.0	0.0	1.1	1.9	2.2	2.6	0.97	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	3	1	2	2	2	3	3	0	3	3
222	General Sherman Integrated Resource Timber Contract-Timber Sale	U.S. Forest Service	C	0.0	0.0	0.0	1.3	1.7	2.2	2.1	0.94	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	3	2	2	2	1	2	0	3	3
240	Middle Creek Integrated Resource Timber Contract-Timber Sale & Fuels Reduction Project	U.S. Forest Service	C	0.0	0.0	0.0	1.1	1.7	2.2	2.3	0.93	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	3	2	2	2	3	1	0	3	3

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Watershed Management SWRP Component																																						
Project Information			Result	Overall Benefit Category Score								Water Quality		Water Supply			Flood Management		Environmental						Community				Project Cost		Implementation Complexity							
Project ID	Name	Project Proponent	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way
Water Quality Management																																						
217	Residual Lime Remediation near El Dorado Trail	County of El Dorado	B	1.5	0.0	0.0	1.1	2.6	2.2	2.3	1.24	0	3	0	0	0	0	0	0	1	0	0	0	1	0	0	1	3	3	3	2	2	2	3	2	2	3	0
202	Slate Creek Monitoring Project	County of El Dorado	B	0.0	0.0	0.0	1.5	2.1	2.2	2.4	1.04	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	2	2	3	0	2	2	2	1	2	2	3	3
212	Cosumnes River Water Quality Monitoring Program	American River Conservancy	C	0.0	0.0	0.0	0.0	2.7	2.2	2.7	0.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	1	2	2	3	2	2	3	3
218	Countywide Water Quality Monitoring	County of El Dorado	C	0.0	0.0	0.0	0.0	2.3	2.2	2.6	0.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	1	2	2	1	3	2	3	3
Creek Restoration																																						
208	Weber Creek Restoration	County of El Dorado	A	3.0	0.0	1.8	1.7	2.4	2.2	1.7	1.68	3	3	3	0	0	0	3	0	3	0	2	0	3	0	0	2	2	3	2	2	2	2	1	1	1	3	0
206	Carson Creek Restoration	County of El Dorado	A	3.0	0.0	1.8	1.7	2.0	2.2	2.0	1.66	3	3	3	0	0	0	3	0	3	0	2	0	3	0	0	2	2	0	2	2	2	2	1	0	1	3	3
207	New York Creek Restoration	County of El Dorado	A	3.0	0.0	1.8	1.5	2.0	2.2	2.1	1.65	3	3	3	0	0	0	3	0	2	0	2	0	2	0	0	2	3	0	2	1	2	2	1	1	1	3	3

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E.4 STORMWATER MANAGEMENT SWRP COMPONENT EVALUATION SUMMARY

E.4.1 Structural

Stormwater Management SWRP Component																																								
Structural																																								
Project Information				Result	Overall Benefit Category Score							Water Quality			Water Supply			Flood Management		Environmental							Community				Project Cost		Implementation Complexity							
Project ID	Name	Project Proponent	Planning Area	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way	
Water Capture																																								
310	Fairgrounds Water Quality Improvements	County of El Dorado	Ridge Communities	A	2.3	2.0	1.4	1.1	2.7	2.2	2.4	1.99	2	2	2	2	3	0	2	0	1	0	0	0	1	0	0	3	2	3	3	2	2	2	2	1	3	1	3	3
319	Countywide Park BMP Retrofit Improvements	County of El Dorado	Other	A	3.0	0.0	2.6	1.4	2.7	2.2	2.6	1.83	3	3	3	0	0	0	2	3	1	0	3	0	1	0	0	3	2	3	3	2	2	2	2	1	2	3	3	3
347	Sly Park Portal Subdivision Flood Management Project	County of El Dorado	Farm Trail East	A	3.0	0.0	3.0	1.3	2.1	2.2	2.3	1.78	3	3	3	0	0	0	3	3	1	0	2	0	1	0	0	2	2	3	0	2	2	2	1	1	2	3	3	
302	Canal Street LID Projects	City of Placerville	Ridge Communities	A	2.8	0.0	2.2	1.2	1.9	2.2	2.6	1.64	3	2	3	0	0	0	3	1	0	1	2	0	0	0	0	1	1	3	0	2	2	2	2	1	3	2	3	3
308	Town of El Dorado Green Street Project	County of El Dorado	Ridge Communities	A	1.8	0.0	1.4	1.7	2.4	2.6	2.1	1.56	1	2	1	0	0	0	1	1	0	3	3	2	0	0	0	3	3	3	0	2	2	3	1	1	1	3	3	
338	Stormwater Detention Basin-Hangtown Creek Flood Damage Reduction Project	City of Placerville	Ridge Communities	A	2.5	0.0	1.8	1.2	2.1	2.2	2.3	1.56	3	1	3	0	0	0	3	0	1	0	1	0	1	0	0	2	2	0	3	2	2	2	2	3	1	1	3	2
317	South East Connector-Expressway LID Projects	County of El Dorado	El Dorado Hills South	B	2.8	0.0	1.8	0.0	2.0	2.2	2.3	1.41	3	2	3	0	0	0	3	0	0	0	0	0	0	0	0	3	3	0	0	2	2	2	3	1	1	3	2	

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Stormwater Management SWRP Component																																							
Structural																																							
Project Information				Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental							Community				Project Cost		Implementation Complexity					
Project ID	Name	Project Proponent	Planning Area		Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance
Water Capture (contd.)																																							
340	Union Mine Landfill Retention Ponds	County of El Dorado	Farm Trail South	B	1.5	0.0	1.8	0.0	1.7	2.2	2.4	1.21	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2	2	0	0	2	2	2	3	1	1	3	3
Water Quality Improvement																																							
316	Diamond Springs Parkway-Roadway and Drainage Improvement Project	County of El Dorado	Ridge Communities	A	2.3	0.0	1.4	1.0	2.4	2.6	2.3	1.55	2	2	2	2	0	0	2	0	0	0	0	1	0	0	0	3	3	3	0	2	2	3	3	1	1	3	2
356	Sand Ridge Road Paving	County of El Dorado	Farm Trail South	B	3.0	0.0	0.0	1.5	1.4	2.2	2.3	1.40	3	3	3	3	0	0	0	0	3	0	0	0	3	0	0	0	2	0	0	2	2	2	1	1	2	3	3
300	Urban Roadway Improvement Project - Western Placerville Interchange	City of Placerville	Ridge Communities	B	1.8	0.0	0.0	0.0	2.6	2.6	2.4	1.21	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	2	3	2	3	1	1	3	3
304	Mosquito Road Sewer Main Replacement	City of Placerville	Other	B	1.5	0.0	1.0	0.0	1.9	2.2	2.9	1.17	2	1	0	2	0	0	0	0	1	0	0	0	0	0	0	1	1	3	0	2	2	2	3	3	2	3	3

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Stormwater Management SWRP Component																																								
Structural																																								
Project Information				Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental							Community			Project Cost		Implementation Complexity							
Project ID	Name	Project Proponent	Planning Area	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way	
Water Quality Improvement (contd.)																																								
305	Urban Roadway Improvement Project - Woodridge Court, Grind & Overlay Project	City of Placerville	Ridge Communities	C	1.5	0.0	1.0	0.0	1.9	2.2	2.7	1.16	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	3	0	2	2	2	2	3	2	3	3
306	Urban Roadway Improvement Project - Martin Lane, Grind & Overlay Project	City of Placerville	Ridge Communities	C	1.8	0.0	0.0	0.0	1.9	2.2	2.9	1.10	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	2	2	2	3	3	2	3	3	
303	Urban Roadway Improvement Project - Mosquito Road Stabilization, Grind & Overlay Project	City of Placerville	Ridge Communities	C	1.8	0.0	0.0	0.0	1.9	2.2	2.7	1.09	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	2	2	2	2	3	2	3	3	
326	Sewer Relocation-Clay to Locust	City of Placerville	Ridge Communities	C	0.0	0.0	1.0	0.0	2.0	2.2	2.4	0.92	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	3	0	2	2	2	3	1	1	3	3	
301	Placerville Station II-Park and Ride Facility Improvements	City of Placerville	Ridge Communities	C	0.0	0.0	0.0	0.0	2.1	2.6	2.4	0.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	0	2	3	2	3	1	1	3	3	

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Stormwater Management SWRP Component																																								
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Project Information				Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental							Community				Project Cost		Implementation Complexity						
Project ID	Name	Project Proponent	Planning Area	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way	
Water Quality Improvement (contd.)																																								
323	Urban Roadway Improvement Project-Ray Lawyer Drive, Grind & Overlay Project	City of Placerville	Ridge Communities	C	0.0	0.0	0.0	0.0	1.9	2.2	2.9	0.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	2	2	2	3	3	2	3	3	
Non-Point Source Pollution Control																																								
309	Headington Yard Wash Rack	County of El Dorado	Ridge Communities	A	1.8	2.0	1.0	1.1	2.0	2.2	2.9	1.84	1	2	1	2	3	0	0	1	1	0	0	0	1	0	0	1	2	3	0	2	2	2	3	3	2	3	3	
312	Future Bass Lake Maintenance Station	County of El Dorado	El Dorado Hills South	A	2.3	2.0	0.0	1.1	1.9	2.2	2.6	1.76	2	2	2	2	3	0	0	0	0	0	0	2	0	0	0	0	1	3	0	3	2	2	1	3	2	3	3	
311	Maintenance Material Storage Buildings at Missouri Flat Rd and Somerset Sand Mine	County of El Dorado	Ridge Communities & Farm Trail South	B	1.3	2.0	0.0	1.0	1.3	2.2	2.6	1.54	0	2	0	2	3	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2	2	2	1	3	2	3	3	
339	Facility Upgrades for the El Dorado Disposal MRF	County of El Dorado	Ridge Communities	B	1.3	1.8	0.0	1.0	1.7	2.2	2.6	1.53	0	2	0	2	2	0	0	0	0	0	0	1	0	0	0	0	1	3	0	2	2	2	1	3	2	3	3	
314	Street Sweeping Program	County of El Dorado	Other	B	1.0	0.0	0.0	1.5	2.0	2.2	2.7	1.20	0	1	0	0	0	0	0	0	0	3	0	0	0	3	0	0	3	1	3	0	1	2	2	1	3	3	3	3
313	Forni Road Slope Stabilization	County of El Dorado	Ridge Communities	C	1.8	0.0	0.0	0.0	1.9	2.2	2.3	1.05	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	2	2	2	1	1	2	3	3	

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Stormwater Management SWRP Component																																										
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Project Information				Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental							Community				Project Cost		Implementation Complexity								
Project ID	Name	Project Proponent	Planning Area	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way			
Non-Point Source Pollution Control (contd.)																																										
329	Trash Amendments - TMDL Implementation	County of EI Dorado	Other	C	1.0	0.0	0.0	0.0	2.9	2.2	2.3	1.04	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
315	Vactor Truck Program	County of EI Dorado	Other	C	1.0	0.0	0.0	0.0	2.0	2.2	2.7	0.99	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flood Damage Reduction																																										
345	Cameron Park Drainage Improvements	County of EI Dorado	Cameron Park	A	3.0	0.0	2.2	1.4	1.9	2.2	2.4	1.69	3	3	3	0	0	0	3	1	1	0	3	0	1	0	0	2	2	0	0	3	2	2	1	2	2	3	3	3		
348	Fish and Wildlife Routine Maintenance Agreement	County of EI Dorado	Other	A	2.3	0.0	1.8	1.8	2.6	2.2	2.3	1.65	0	3	3	0	0	0	3	0	3	0	3	0	3	0	0	3	3	3	0	3	2	2	1	2	1	3	3	3		
346	Priority County Culvert Replacements	County of EI Dorado	Other	A	2.3	0.0	1.8	1.2	2.4	2.2	2.6	1.57	0	3	3	0	0	0	3	0	0	0	3	0	0	0	0	3	3	3	0	2	2	2	1	3	2	3	3	3		
307	Town of EI Dorado Drainage Improvements	County of EI Dorado	Ridge Communities	A	2.0	0.0	1.0	1.8	2.3	2.6	2.1	1.55	1	3	1	0	0	0	1	0	3	0	3	0	3	0	0	2	3	3	0	2	2	3	1	1	1	3	3	3		
357	Upper Main Ditch Stormwater Improvements	EI Dorado Irrigation District	Farm Trail East	A	2.0	0.0	1.8	1.4	2.3	2.2	2.6	1.55	0	2	3	0	0	0	3	0	1	0	3	0	1	0	0	2	3	3	0	2	2	2	3	2	2	3	3	2	2	

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Stormwater Management SWRP Component																																								
Structural																																								
Project Information				Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental							Community				Project Cost		Implementation Complexity						
Project ID	Name	Project Proponent	Planning Area	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way	
Flood Damage Reduction (contd.)																																								
343	Culvert Rehabilitation along Highway 50 near the City of Placerville	California Department of Transportation	Farm Trail North & Ridge Communities	B	2.3	0.0	1.8	1.2	1.9	2.2	2.4	1.50	0	3	3	0	0	0	3	0	0	0	3	0	0	0	0	0	2	3	0	2	2	2	1	2	2	3	3	
318	Headington Yard to Weber Creek Conveyance	County of El Dorado	Ridge Communities	B	2.3	0.0	1.4	1.5	1.4	2.2	2.9	1.50	2	2	2	0	0	0	2	0	2	0	2	0	2	0	0	0	1	0	0	3	2	2	3	3	2	3	3	
342	Culvert Rehabilitation along Highway 50 near Cameron Park and Shingle Springs	California Department of Transportation	Cameron Park & Ridge Communities	B	2.3	0.0	1.8	1.2	1.4	2.2	2.4	1.46	0	3	3	0	0	0	3	0	0	0	3	0	0	0	0	0	2	0	0	2	2	2	1	2	2	3	3	
349	Cedar Ravine Road Drainage Improvement	City of Placerville	Ridge Communities	B	1.5	0.0	1.8	1.1	1.4	2.2	2.6	1.35	0	0	3	0	0	0	3	0	0	0	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	3	3
324	Airport Road/Broadway Culvert Storm Drain Improvement	City of Placerville	Ridge Communities	B	1.5	0.0	1.0	1.0	1.7	2.2	2.9	1.30	0	2	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	3	0	2	2	2	3	3	2	3	3	
350	Debby Lane/Green Valley Road Culvert Improvement	City of Placerville	Ridge Communities	B	1.3	0.0	1.4	1.1	1.4	2.2	2.6	1.27	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	3	3

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Stormwater Management SWRP Component																																							
Structural																																							
Project Information				Result	Overall Benefit Category Score							Water Quality			Water Supply			Flood Management		Environmental							Community			Project Cost		Implementation Complexity							
Project ID	Name	Project Proponent	Planning Area	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way
Flood Damage Reduction (contd.)																																							
351	Full Capture Storm Drain Inlet Replacements in Placerville	City of Placerville	Ridge Communities	C	1.5	0.0	1.4	0.0	1.4	2.2	2.4	1.14	0	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	2	2	2	1	2	2	3	3
352	Lions Park Drainage Improvement	City of Placerville	Ridge Communities	C	0.0	0.0	1.4	1.0	1.4	2.2	2.6	1.06	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	2	0	0	2	2	2	2	2	2	2	3	3
353	Pleasant Street Storm Drain Improvement	City of Placerville	Ridge Communities	C	0.0	0.0	1.4	1.0	1.4	2.2	2.6	1.06	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	2	0	0	2	2	2	2	2	2	2	3	3
354	Wiltse Road Storm Drain Improvement	City of Placerville	Ridge Communities	C	0.0	0.0	1.4	1.0	1.4	2.2	2.6	1.06	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	2	0	0	2	2	2	2	2	2	2	3	3
355	Pierroz Road at Hangtown Creek, Drainage Improvement	City of Placerville	Ridge Communities	C	0.0	0.0	1.4	1.0	1.4	2.2	2.6	1.06	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	2	0	0	2	2	2	2	2	2	2	3	3

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E.4.2 Non-Structural

Stormwater Management SWRP Component																																							
Non-Structural																																							
Project Information				Result	Overall Benefit Category Score								Water Quality			Water Supply			Flood Management		Environmental							Community				Project Cost		Implementation Complexity					
Project ID	Name	Project Proponent	Planning Area	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way
Outreach Project																																							
320	BMP Countywide Demonstration Projects	County of El Dorado	Other	A	1.5	1.8	0.0	1.4	2.7	2.2	2.9	1.75	1	1	1	2	2	0	0	0	1	3	0	0	1	0	0	3	3	3	3	1	2	2	3	2	3	3	3
327*	El Dorado Hills Library Water Conservation Project	El Dorado County & Georgetown Divide Resource Conservation	El Dorado Hills South	A	1.5	1.3	0.0	1.3	2.7	2.2	2.6	1.59	1	1	1	0	2	0	0	0	1	2	0	0	1	0	0	3	3	3	3	1	2	2	3	1	2	3	3
333	Splash in the Class - Outreach Program	County of El Dorado	Other	A	1.0	1.0	0.0	0.0	2.3	2.2	3.0	1.27	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3	3	3	0	1	2	2	3	3	3	3	3
328	Our Water Our World - Outreach Program	County of El Dorado	Other	B	1.0	0.0	0.0	0.0	2.3	2.2	2.6	1.01	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	1	2	2	3	1	2	3	3
330	Countywide Water Quality Awareness Campaign	County of El Dorado	Other	B	1.0	0.0	0.0	0.0	2.3	2.2	2.3	0.98	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	1	2	2	1	1	2	3	3

*Project 327 is classified as two project types: Outreach Project and Water Capture Project.

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Stormwater Management SWRP Component																																									
Non-Structural																																									
Project Information				Result	Overall Benefit Category Score							Water Quality			Water Supply			Flood Management		Environmental							Community				Project Cost		Implementation Complexity								
Project ID	Name	Project Proponent	Planning Area	Grouping	Water Quality	Water Supply	Flood Management	Environmental	Community	Project Cost	Implementation Complexity	Weighted Score	Increased filtration and/or treatment of runoff	Nonpoint source pollution control	Reestablished natural water drainage and treatment	Water supply reliability	Water conservation	Conjunctive use	Decreased flood risk by reducing runoff rate and/or volume	Reduced sanitary sewer overflows	Environmental and habitat protection and improvement	Increased urban green space	Reestablishment of the natural hydrograph	Improved Air quality*	Ecological Improvement*	Energy footprint	Water temperature improvements	Public Education	Community Involvement	Environmental Justice*	Recreational Benefit	Employment opportunities provided	Project Funding Mechanism	Eligibility for External Funding	Constructability	Institutional Complexity	Regulatory & Permitting Compliance	Public Acceptance	Right of Way		
Management Programs																																									
331	Countywide Stormwater Asset Management Program	County of El Dorado	Other	A	1.0	0.0	0.0	0.0	2.4	2.2	2.4	1.01	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
336	West Slope BMP Manual	County of El Dorado	Other	C	1.0	0.0	0.0	0.0	2.1	2.2	2.3	0.97	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
341	BMP for Agricultural Erosion and Sediment Control Manual	County of El Dorado	Other	C	1.0	0.0	0.0	0.0	2.1	2.2	2.3	0.97	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
334	County Water Quality Standards Improvement Project	County of El Dorado	Other	C	1.0	0.0	0.0	0.0	1.7	2.2	2.7	0.96	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
335	West Slope Watershed and Pollutant Generation Study	County of El Dorado	Other	C	0.0	0.0	0.0	0.0	2.1	2.2	2.4	0.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
337	Outingdale Stormwater Management Study/Pre-Design	American River Conservancy	Farm Trail South	C	0.0	0.0	0.0	0.0	2.1	2.2	2.3	0.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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