*HOLLENBECK CONSULTING* *ESTABLISHED 2012*
*SPECIALIZING IN PROJECT AND CONSTRUCTION MANAGEMENT, HYDRAULIC STRUCTURES, AND WATER RESOURCES*
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August 20, 2020
Project File No.: 902020-007

Shandon-San Juan Water District
P. O. Box 150
Shandon, CA 93461

SUBJECT: Letter Proposal to the District Board of Directors

This letter proposal is for the following two tasks:

- Task 1 - Inventory Water Resource Reference Documents for the Paso Robles Basin
- Task 2 – Initial Screening Assessment of Water Improvement Projects

I recall that the Paso Robles Blue Ribbon Committee (BRC) performed some or all of the effort associated with these two tasks. I have reached out to past members of that BRC and the County Public Works Department (Department) to locate the inventory of reference documents. I did locate the screening assessment produced by the BRC. The BRC dissolved about 2013 or 2014; thus, any post-BRC project developments would be added to this list.

**Proposed Scope and Budget**

**Task 1 – Reference Documents**. The scope is for the development of a comprehensive inventory list of water resources documents that are about, concern, affect, are near and/or are within the Paso Robles Basin. The topics include, and may not be limited to, the following: Shandon Community Services Area No. 16, Paso Robles Groundwater Basin, State Water Project, Salinas River, and Nacimiento Water Project. This list is expected to be dynamic and modified over time; thus, a digital file (Excel) will be a deliverable to the District.

The Department provided an Excel database of reference documents. A brief review of the list indicates that it will be useful in generating an inventory for the District. The scope assumes that a visit to their library located in the basement of the old Courthouse will be necessary to conduct research on some report content. I was instructed by a Department staff member that the District would need to make a formal Public Records Request to gain access to the Department's library.

The budget for this task is estimated at $4,800.

**Task 2 – Screening Assessment of Projects.** The proposed starting point for this task is to revisit the work product developed by the BRC circa 2013. **Attachment A** is the work product developed by the Steering Subcommittee of the BRC listing 96 water solutions for the Basin. This work product by the BRC appears to be in line with the District's requested scope for this task; thus, the proposed work for the task will be refining and/or updating this list of solutions. The course screening criteria is presented within Attachment A, and my recommendation is to continue its use at this level of project development (subject to the District's concurrence).

The proposed scope for this task is:

- Update the BRC's list of projects with any new and/or missing projects.
- Initial screening any added projects using the BRC's screening method.
- Identify a list of the top ten (plus/minus) ranked and/or priority projects.

- Develop a brief "at-a-glance" project specific summary writeup for each top project, identifying the following:
  - Project Description, including a Rough Order of Magnitude (ROM) of the annual water benefit to the Paso Robles Basin.
  - ROM of the capital cost, providing details where possible.
  - ROM for project scheduling, providing details on the various phases of the schedule.
  - Identify the agency most likely or best suited to serve as the lead agency to advance the project from concept to completion and identify sister-agencies that may serve as cosponsors.
- Prepare and submit a technical memorandum that presents the project specific summary, and an appendix of the full listing of projects (majority previously identified by the BRC).
- Prepare and make a presentation to the District and assist in the development of next steps.

The budget for this task is estimated at $6,800.

Please contact me at (805) 458-7268, or e-mail at JohnHollenbeckPE@gmail.com with questions or suggested changes to the proposal.

Sincerely,

HOLLENBECK CONSULTING
JOHN R. HOLLENBECK, P. E.
Owner/Sole Proprietor

Enclosures:
Proposed Budget Estimate for Tasks 1 and 2

ATTACHMENTS
A - Paso Robles Groundwater Basin Management Plan Solutions, Steering Subcommittee of the Paso Robles Blue Ribbon Committee, 5 AUG 2013

**Shandon-San Juan Water District**
**Budget Estimate for As-Needed Engineering Services**
**John R. Hollenbeck d.b.a. Hollenbeck Consulting**

| Task Description | Labor Hours | Unit Cost | Labor Cost | ODC (Comm Fee) | ODC (Other) | Cost | Comment |
|---|---|---|---|---|---|---|---|
| **Reference Documents** | | | | | | | |
| Inventory Known Documents | 4 | $195 | $780 | $23 | $0 | $803 | |
| SLO Co Public Works Library Research | 8 | $196 | $1,568 | $47 | $0 | $1,615 | |
| Organize Digital Copies | 4 | $195 | $780 | $23 | $0 | $803 | |
| Obtain Cost Proposal for Scanning of Hardcopies | 4 | $195 | $780 | $23 | $0 | $803 | |
| Deliverable - Manifest of Documents | 4 | $195 | $780 | $23 | $0 | $803 | |
| | 24 | | $4,688 | $141 | $0 | $4,827 | |
| **Screen Assessment of Projects** | | | | | | | |
| Update PRC Inventory Project List | 4 | $195 | $780 | $23 | $0 | $803 | |
| Review Ref Docs/Update Project Inventory List | 8 | $195 | $1,560 | $47 | $0 | $1,607 | |
| Cursory Screening of Projects | 4 | $195 | $780 | $23 | $0 | $803 | |
| Deliverable - TM of Screening Assessment | 16 | $195 | $3,120 | $94 | $0 | $3,214 | |
| Presentation to District | 2 | $195 | $390 | $12 | $0 | $402 | |
| | 34 | | $6,630 | $199 | $0 | $6,829 | |

# Paso Robles Groundwater Basin Management Plan Steering Committee
## Solutions Ranking Key
## August 5, 2013

**Best outcome assigned highest points**
**Example:**

| | | Numeric Points | Weighting* | Final Score |
|---|---|---|---|---|
| **H - Highest acre feet per year** | | 3 | 30% | 0.90 |
| **L - Lowest estimated cost** | | 3 | 25% | 0.75 |
| **H - Highest feasibility** | | 3 | 45% | 1.35 |
| **Total Scores** | **Raw** | 9 | **Weighted** | 3.00 |

| Weighting* | Alpha Description | Numeric Points | |
|---|---|---|---|
| **Acre Feet per Year (AFY)** | **30%** | | Acre-feet per year, potential or actual number, if known |
| | **L/U - Lowest/Unknown** | **1** | < 1,000 |
| | **M - Medium** | **2** | 1,000 - 5,000 |
| | **H - Highest** | **3** | > 5,000 |
| **Estimated Cost** | **25%** | | Based on knowledge of similar projects |
| | **L - Lowest** | **3** | < $1,000,000 |
| | **M - Medium** | **2** | $1,000,000 to $10,000,000 |
| | **H - Highest** | **1** | > $10,000,000 |
| **Feasibility** | **45%** | | Based on knowledge of similar projects |
| | **L - Low** | **1** | Difficult due to technical, political, environmental issues |
| | **M - Moderate** | **2** | Will take some negotiations, public acceptance |
| | **H - High** | **3** | Could be implemented immediately |

*Weighting was determined by discussion in the subcommittee as to the relative importance of each of the categories.

**Paso Robles Groundwater Basin Management Plan Steering Committee**
**Top Ranked Solutions**
**August 5, 2013**

## Short Term Solutions (Implementation in 1 to 5 years)

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | Total Score |
|---|---|---|---|---|---|---|---|
| **1** | Management | Create a Basin-wide groundwater management district management system. | **S** | **H** | **L** | **H** | **3.00** |
| **2** | Conservation | Identify and implement specific Best Management Practices. | **S** | **M** | **L** | **H** | **2.70** |
| **3** | Supplemental | Utilize the full allocation (2,000 AFY) by fully utilizing the existing percolation ponds. | **S** | **M** | **L** | **H** | **2.70** |
| **4** | Conservation | Reduce water usage on a per acre basis for perennial crops. | **S** | **H** | **L** | **M** | **2.55** |
| **5** | Conservation | Install water meters on irrigation and ag processing wells. | **S** | **H** | **L** | **M** | **2.55** |
| **6** | Conservation | Participate in California Urban Water Conservation Council policies and practices. | **S** | **L** | **L** | **H** | **2.40** |
| **7** | Conservation | Conduct outreach for County's groundwater level monitoring program. | **S** | **U** | **L** | **H** | **2.40** |
| **8** | Conservation | Identify Best Management Practices and set targets to measure success. | **S** | **U** | **L** | **H** | **2.40** |
| **9** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | **2.40** |
| **10** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | **2.40** |
| **11** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | **2.40** |
| **12** | Management | Provide a potable water source for use in trucking water to homes for emergency purposes. | **S** | **L** | **L** | **H** | **2.40** |
| **13** | Management | Implement ordinances to prohibit subdivisions of land or General Plan Amendments in the Basin. | **S** | **L** | **L** | **H** | **2.40** |
| **14** | Management | Implement landscaping ordinance. | **S** | **L** | **L** | **H** | **2.40** |
| **15** | Management | Require new development to be water neutral. | **S** | **L** | **L** | **H** | **2.40** |

**Paso Robles Groundwater Basin Management Plan Steering Committee**
**Top Ranked Solutions**
**August 5, 2013**

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | Total Score |
|---|---|---|---|---|---|---|---|
| **16** | Management | Establish baseline conditions. | **S** | **L** | **L** | **H** | **2.40** |
| **17** | Management | Continuously monitor status of Basin to determine whether solutions are effective. | **S** | **L** | **L** | **H** | **2.40** |
| **18** | Management | Implement landscaping ordinance (ag processing). | **S** | **U** | **L** | **H** | **2.40** |
| **19** | Management | Encourage projects that detain or slow runoff. | **S** | **U** | **L** | **H** | **2.40** |
| **20** | Management | Implement Low Impact Development standards. | **S** | **U** | **L** | **H** | **2.40** |
| **21** | Management | Require hold harmless notice when land sold that Basin in decline and not rely on for intensive use. | **S** | **U** | **L** | **H** | **2.40** |
| **22** | Management | Encourage projects that detain or slow runoff. | **S** | **U** | **L** | **H** | **2.40** |
| **23** | Supplemental | Maximize or increase the use of the full allocation. | **S** | **L** | **L** | **H** | **2.40** |
| **24** | Supplemental | Connect Shandon to State Water Project and set up distribution system. | **S** | **L** | **L** | **H** | **2.40** |
| **25** | Conservation | Reduce per capita consumption to offset growth in service area. | **S** | **M** | **L** | **M** | **2.25** |
| **26** | Conservation | Identify and implement Best Management Practices, including frost protection Best Management Practices, for perennial crops. | **S** | **M** | **L** | **M** | **2.25** |
| **27** | Conservation | Identify and implement specific Best Management Practices for annual crops. | **S** | **M** | **L** | **M** | **2.25** |
| **28** | Conservation | Reduce water usage on a per household basis. | **S** | **M** | **L** | **M** | **2.25** |
| **29** | Conservation | Reduce water usage on a per acre basis applicable to each annual crop. | **S** | **M** | **L** | **M** | **2.25** |
| **30** | Management | Develop an equitable allocation of safe yield for all overliers. | **S** | **M** | **L** | **M** | **2.25** |
| **31** | Supplemental | Exchange or bank Nacimiento water with Santa Margarita Lake to benefit Basin. | **S** | **M** | **L** | **M** | **2.25** |

**Paso Robles Groundwater Basin Management Plan Steering Committee**
**Top Ranked Solutions**
**August 5, 2013**

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | Total Score |
|---|---|---|---|---|---|---|---|
| **32** | Supplemental | Structure operations to use alluvial water first, Nacimiento water second and Basin last. | **S** | **M** | **L** | **M** | **2.25** |
| **33** | Supplemental | Cloud seeding | **S** | **M** | **L** | **M** | **2.25** |
| **Medium and Long Term Solutions (Implementation in 6-10 years (Medium) and greater than 10 years (Long Term)** | | | | | | | |
| **61** | Management | Manage pumping from all wells in the Basin. | **M** | **M** | **L** | **M** | **2.25** |
| **62** | Supplemental | Turnout the State Water Project Coastal Branch at the City of San Luis/Nacimiento junction. | **M** | **H** | **L** | **L** | **2.10** |
| **63** | Management | Create irrigation districts or other management authorities to convey water to agricultural users. | **L** | **H** | **H** | **M** | **2.05** |
| **64** | Supplemental | Negotiate with Monterey Co for additional Nacimiento water to utilize full hydraulic capacity of pipeline. | **L** | **H** | **H** | **M** | **2.05** |
| **65** | Supplemental | Agriculture to use Nacimiento water. | **L** | **H** | **H** | **M** | **2.05** |
| **66** | Supplemental | Direct delivery of Nacimiento or State Water Project water. | **L** | **H** | **H** | **M** | **2.05** |
| **67** | Supplemental | Deliver unsubscribed Nacimiento/State Water Project allocation directly to area of concern for Ag/Golf/Rural Res. | **L** | **H** | **H** | **M** | **2.05** |
| **68** | Management | Prohibit groundwater exports from the Basin. | **M** | **U** | **L** | **M** | **1.95** |
| **69** | Management | Establish ordinances to protect recharge areas and watersheds. | **M** | **U** | **L** | **M** | **1.95** |
| **70** | Management | Create small community systems for rural communities. | **M** | **L** | **L** | **M** | **1.95** |
| **71** | Recycling | Install grey water reuse systems onsite. | **M** | **L** | **L** | **M** | **1.95** |

**Paso Robles Groundwater Basin Management Plan Steering Committee**
**Solutions Ranked by Short Term and Medium/Long Term and by Total Score**
**August 5, 2013**

**Short Term Solutions (Implementation in 1 to 5 years)**

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **1** | Management | Create a Basin-wide groundwater management district management system. | **S** | **H** | **L** | **H** | 0.90 | 0.75 | 1.35 | **3.00** |
| **2** | Conservation | Identify and implement specific Best Management Practices. | **S** | **M** | **L** | **H** | 0.60 | 0.75 | 1.35 | **2.70** |
| **3** | Supplemental | Utilize the full allocation (2,000 AFY) by fully utilizing the existing percolation ponds. | **S** | **M** | **L** | **H** | 0.60 | 0.75 | 1.35 | **2.70** |
| **4** | Conservation | Reduce water usage on a per acre basis for all perennial crops. | **S** | **H** | **L** | **M** | 0.90 | 0.75 | 0.90 | **2.55** |
| **5** | Conservation | Install water meters on irrigation and ag processing wells. | **S** | **H** | **L** | **M** | 0.90 | 0.75 | 0.90 | **2.55** |
| **6** | Conservation | Participate in California Urban Water Conservation Council policies and practices. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **7** | Conservation | Conduct outreach for County's groundwater level monitoring program. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **8** | Conservation | Identify Best Management Practices and set targets to measure success. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **9** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **10** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **11** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **12** | Management | Provide a potable water source for use in trucking water to homes for emergency purposes. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **13** | Management | Implement ordinances to prohibit subdivisions of land or General Plan Amendments in the Basin. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **14** | Management | Implement landscaping ordinance. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **15** | Management | Require new development to be water neutral. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **16** | Management | Establish baseline conditions. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **17** | Management | Continuously monitor status of Basin to determine whether solutions are effective. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **18** | Management | Implement landscaping ordinance (ag processing). | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **19** | Management | Encourage projects that detain or slow runoff. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **20** | Management | Implement Low Impact Development standards. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **21** | Management | Require hold harmless notice when land sold that Basin in decline and not rely on for intensive use. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **22** | Management | Encourage projects that detain or slow runoff. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **23** | Supplemental | Maximize or increase the use of the full allocation. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **24** | Supplemental | Connect Shandon to State Water Project and set up distribution system. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **25** | Conservation | Reduce per capita consumption to offset growth in service area. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **26** | Conservation | Identify and implement Best Management Practices, including frost protection Best Management Practices, for perennial crops. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **27** | Conservation | Identify and implement specific Best Management Practices for annual crops. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **28** | Conservation | Reduce water usage on a per household basis. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **29** | Conservation | Reduce water usage on a per acre basis applicable to each annual crop. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **30** | Management | Develop an equitable allocation of safe yield for all overliers. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **31** | Supplemental | Exchange or bank Nacimiento water with Santa Margarita Lake to benefit Basin. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **32** | Supplemental | Structure operations to use alluvial water first,  Nacimiento water second and Basin last. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **33** | Supplemental | Cloud seeding | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **34** | Conservation | Identify and implement specific Best Management Practices for perennial crops. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **35** | Conservation | Identify and implement specific Best Management Practices for ag processing and wineries. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **36** | Conservation | Identify and implement specific Best Management Practices for non-domestic uses. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **37** | Conservation | Reduce water usage on a per acre basis applicable to each perennial crop. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **38** | Conservation | Reduce water usage on a per unit basis for each type of ag processing. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **39** | Conservation | Install water meters on domestic wells. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |

**Paso Robles Groundwater Basin Management Plan Steering Committee**
**Solutions Ranked by Short Term and Medium/Long Term and by Total Score**
**August 5, 2013**

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **40** | Conservation | Reduce water usage on a per unit basis applicable to each operation. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **41** | Conservation | Install water meters on non-domestic wells. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **42** | Management | Require hold harmless notice when land sold that Basin in decline and not rely on for intensive use. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **43** | Management | Enact urgency moratorium banning construction of all reservoirs for storage of irrigation water. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **44** | Management | Enforce erosion and sediment control plan per current grading ordinance. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **45** | Management | Encourage the segments of the ag industry that are comparatively water neutral. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **46** | Management | Encourage existing low water use crops to remain. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **47** | Management | Enforce erosion and sediment control plan per current grading ordinance. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **48** | Management | Enact urgency ordinance for new/expanded ag to limit per parcel water use to sustainable level. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **49** | Recycling | Install grey water reuse systems onsite. (Rural residential) | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **50** | Recycling | Install grey water reuse systems onsite | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **51** | Supplemental | Construct Basins in Salinas River alluvium within Estrella subarea to recharge unused  Nacimiento allocation. | **S** | **L** | **M** | **M** | 0.30 | 0.50 | 0.90 | **1.70** |
| **52** | Conservation | Limit pumping to winter time water use. | **S** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **53** | Management | Enact urgency moratorium restricting new wells to no greater than 6 inch casing. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **54** | Management | Enact urgency moratorium on all ag overhead irrigation, including for frost protection. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **55** | Management | Establish policies and funding to take irrigated agricultural acreage out of production. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **56** | Management | Enact urgency ordinance for new/expanded users that they provide guarantees to maintain residential water supply. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **57** | Management | Adopt urgency plan for fair and equitable allocation of groundwater that protects residential users. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **58** | Supplemental | Increase alluvial well pumping to maximize use of  Salinas River appropriation. | **S** | **L** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **59** | Supplemental | Connect the Paso Robles/Templeton system to Atascadero by installing 1,400 feet of pipe. | **S** | **L** | **M** | **L** | 0.30 | 0.50 | 0.45 | **1.25** |

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **60** | Management | Do nothing. | **S** | **L** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **Medium and Long Term Solutions (Implementation in 6-10 years (Medium) and greater than 10 years (Long Term)** | | | | | | | | | | |
| **61** | Management | Manage pumping from all wells in the Basin. | **M** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **62** | Supplemental | Turnout the State Water Project Coastal Branch at the City of San Luis/Nacimiento junction. | **M** | **H** | **L** | **L** | 0.90 | 0.75 | 0.45 | **2.10** |
| **63** | Management | Create irrigation districts or other management authorities to convey water to agricultural users. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |
| **64** | Supplemental | Negotiate with Monterey Co for additional Nacimiento water to utilize full hydraulic capacity of pipeline. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |
| **65** | Supplemental | Agriculture to use Nacimiento water. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |
| **66** | Supplemental | Direct delivery of Nacimiento or State Water Project water. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |
| **67** | Supplemental | Deliver unsubscribed Nacimiento/State Water Project allocation directly to area of concern for Ag/Golf/Rural Res. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |
| **68** | Management | Prohibit groundwater exports from the Basin. | **M** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **69** | Management | Establish ordinances to protect recharge areas and watersheds. | **M** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **70** | Management | Create small community systems for rural communities. | **M** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **71** | Recycling | Install grey water reuse systems onsite. | **M** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **72** | Supplemental | Wheel water through existing community systems or build infrastructure to deliver water. | **L** | **H** | **M** | **L** | 0.90 | 0.50 | 0.45 | **1.85** |
| **73** | Management | Groundwater banking. | **L** | **M** | **H** | **M** | 0.60 | 0.25 | 0.90 | **1.75** |
| **74** | Recycling | Upgrade wastewater treatment plants for distribution to end users. | **M** | **M** | **H** | **M** | 0.60 | 0.25 | 0.90 | **1.75** |
| **75** | Supplemental | All areas –Develop recharge Basins. | **L** | **M** | **H** | **M** | 0.60 | 0.25 | 0.90 | **1.75** |
| **76** | Supplemental | Build water treatment plant to full capacity of 4,000 AFY. | **M** | **M** | **H** | **M** | 0.60 | 0.25 | 0.90 | **1.75** |
| **77** | Supplemental | Connect San Miguel/Paso Robles /Templeton /Atascadero to State Water Project. | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **78** | Supplemental | Jack Creek Dam | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |

**Paso Robles Groundwater Basin Management Plan Steering Committee**
**Solutions Ranked by Short Term and Medium/Long Term and by Total Score**
**August 5, 2013**

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **79** | Supplemental | Santa Rita Creek Dam | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **80** | Supplemental | Other new dam locations | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **81** | Supplemental | Direct delivery | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **82** | Supplemental | Desalinization (sea water or brackish). | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **83** | Supplemental | Exchange or bank Nacimiento water with State Water Project. | **M** | **M** | **M** | **L** | 0.60 | 0.50 | 0.45 | **1.55** |
| **84** | Management | Create a rural water district. | **L** | **L** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **85** | Supplemental | Develop a San Miguel turnout and utilize Nacimiento Water. | **M** | **L** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **86** | Supplemental | Exchange or bank Nacimiento water with Lopez Lake to benefit Basin. | **M** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **87** | Supplemental | Establish live stream water flow throughout the watershed areas (Basin creeks) | **M** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **88** | Management | Connect rural residential properties adjacent to urban water providers. | **M** | **L** | **H** | **M** | 0.30 | 0.25 | 0.90 | **1.45** |
| **89** | Supplemental | Connect Creston to State Water Project. | **L** | **L** | **H** | **M** | 0.30 | 0.25 | 0.90 | **1.45** |
| **90** | Supplemental | Implement injection where it will replenish groundwater Basin. | **L** | **M** | **H** | **L** | 0.60 | 0.25 | 0.45 | **1.30** |
| **91** | Supplemental | Salinas Dam – Santa Margarita Lake - Raise and reinforce to increase storage. | **L** | **M** | **H** | **L** | 0.60 | 0.25 | 0.45 | **1.30** |
| **92** | Supplemental | Develop other carryover storage options. | **L** | **L** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **93** | Supplemental | Develop a high flow waterway management system. (Basin creeks) | **L** | **U** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **94** | Supplemental | Other streams | **L** | **U** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **95** | Supplemental | Alluvial flow capture (Estrella River, HuerHuero Creek, etc.) | **L** | **U** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **96** | Supplemental | Develop high flow waterway system management system. (Salinas River) | **L** | **U** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |

**Paso Robles Groundwater Basin Management Plan Steering Committee**
**Solutions Ranked by Category**
**August 5, 2013**

| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **Conservation** | | | | | | | | | | |
| **2** | Conservation | Identify and implement specific Best Management Practices. | **S** | **M** | **L** | **H** | 0.60 | 0.75 | 1.35 | **2.70** |
| **4** | Conservation | Reduce water usage on a per acre basis for perennial crops. | **S** | **H** | **L** | **M** | 0.90 | 0.75 | 0.90 | **2.55** |
| **5** | Conservation | Install water meters on irrigation and ag processing wells. | **S** | **H** | **L** | **M** | 0.90 | 0.75 | 0.90 | **2.55** |
| **6** | Conservation | Participate in California Urban Water Conservation Council policies and practices. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **7** | Conservation | Conduct outreach for County's groundwater level monitoring program. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **8** | Conservation | Identify Best Management Practices and set targets to measure success. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **9** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **10** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **11** | Conservation | Conduct regular outreach activities. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **25** | Conservation | Reduce per capita consumption to offset growth in service area. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **26** | Conservation | Identify and implement Best Management Practices, including frost protection Best Management Practices, for perennial crops. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **27** | Conservation | Identify and implement specific Best Management Practices for annual crops. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **28** | Conservation | Reduce water usage on a per household basis. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **29** | Conservation | Reduce water usage on a per acre basis applicable to each annual crop. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **34** | Conservation | Identify and implement specific Best Management Practices for perennial crops. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **35** | Conservation | Identify and implement specific Best Management Practices for ag processing and wineries. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **36** | Conservation | Identify and implement specific Best Management Practices for non-domestic uses. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **37** | Conservation | Reduce water usage on a per acre basis applicable to each crop. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **38** | Conservation | Reduce water usage on a per unit basis for each type of ag processing. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |

**Paso Robles Groundwater Basin Management Plan Steering Committee**
**Solutions Ranked by Category**
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| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **39** | Conservation | Install water meters on domestic wells. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **40** | Conservation | Reduce water usage on a per unit basis applicable to each operation. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **41** | Conservation | Install water meters on non-domestic wells. | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **52** | Conservation | Limit pumping to winter time water use. | **S** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **Management** | | | | | | | | | | |
| **1** | Management | Create a Basin-wide groundwater management district management system. | **S** | **H** | **L** | **H** | 0.90 | 0.75 | 1.35 | **3.00** |
| **12** | Management | Provide a potable water source for use in trucking water to homes for emergency purposes. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **13** | Management | Implement ordinances to prohibit subdivisions of land or General Plan Amendments in the Basin. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **14** | Management | Implement landscaping ordinance. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **15** | Management | Require new development to be water neutral. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **16** | Management | Establish baseline conditions. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **17** | Management | Continuously monitor status of Basin to determine whether solutions are effective. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **18** | Management | Implement landscaping ordinance (ag processing). | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **19** | Management | Encourage projects that detain or slow runoff. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **20** | Management | Implement Low Impact Development standards. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **21** | Management | Require hold harmless notice when land sold that Basin in decline and not rely on for intensive use. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **22** | Management | Encourage projects that detain or slow runoff. | **S** | **U** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **30** | Management | Develop an equitable allocation of safe yield for all overliers. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **61** | Management | Manage pumping from all wells in the Basin. | **M** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **63** | Management | Create irrigation districts or other management authorities to convey water to agricultural users. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |

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| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **42** | Management | Require hold harmless notice when land sold that Basin in decline and not rely on for intensive use. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **43** | Management | Enact urgency moratorium banning construction of all reservoirs for storage of irrigation water. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **44** | Management | Enforce erosion and sediment control plan per current grading ordinance. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **45** | Management | Encourage the segments of the ag industry that are comparatively water neutral. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **46** | Management | Encourage existing low water use crops to remain. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **47** | Management | Enforce erosion and sediment control plan per current grading ordinance. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **48** | Management | Enact urgency ordinance for new/expanded ag to limit per parcel water use to sustainable level. | **S** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **68** | Management | Prohibit groundwater exports from the Basin. | **M** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **69** | Management | Establish ordinances to protect recharge areas and watersheds. | **M** | **U** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **70** | Management | Create small community systems for rural communities. | **M** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **73** | Management | Groundwater banking. | **L** | **M** | **H** | **M** | 0.60 | 0.25 | 0.90 | **1.75** |
| **53** | Management | Enact urgency moratorium restricting new wells to no greater than 6 inch casing. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **54** | Management | Enact urgency moratorium on all ag overhead irrigation, including for frost protection. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **55** | Management | Establish policies and funding to take irrigated agricultural acreage out of production. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **56** | Management | Enact urgency ordinance for new/expanded users that they provide guarantees to maintain residential water supply. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **57** | Management | Adopt urgency plan for fair and equitable allocation of groundwater that protects residential users. | **S** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **84** | Management | Create a rural water district. | **L** | **L** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |

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| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **88** | Management | Connect rural residential properties adjacent to urban water providers. | **M** | **L** | **H** | **M** | 0.30 | 0.25 | 0.90 | **1.45** |
| **60** | Management | Do nothing. | **S** | **L** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **Recycling** | | | | | | | | | | |
| **49** | Recycling | Install grey water reuse systems onsite. (Rural residential) | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **50** | Recycling | Install grey water reuse systems onsite | **S** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **71** | Recycling | Install grey water reuse systems onsite. | **M** | **L** | **L** | **M** | 0.30 | 0.75 | 0.90 | **1.95** |
| **74** | Recycling | Upgrade wastewater treatment plants for distribution to end users. | **M** | **M** | **H** | **M** | 0.60 | 0.25 | 0.90 | **1.75** |
| **Supplemental Water** | | | | | | | | | | |
| **3** | Supplemental | Utilize the full allocation (2,000 AFY) by fully utilizing the existing percolation ponds. | **S** | **M** | **L** | **H** | 0.60 | 0.75 | 1.35 | **2.70** |
| **23** | Supplemental | Maximize or increase the use of the full allocation. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **24** | Supplemental | Connect Shandon to State Water Project and set up distribution system. | **S** | **L** | **L** | **H** | 0.30 | 0.75 | 1.35 | **2.40** |
| **31** | Supplemental | Exchange or bank Nacimiento water with Santa Margarita Lake to benefit Basin. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **32** | Supplemental | Structure operations to use alluvial water first, Nacimiento water second and Basin last. | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **33** | Supplemental | Cloud seeding | **S** | **M** | **L** | **M** | 0.60 | 0.75 | 0.90 | **2.25** |
| **62** | Supplemental | Turnout the State Water Project Coastal Branch at the City of San Luis/Nacimiento junction. | **M** | **H** | **L** | **L** | 0.90 | 0.75 | 0.45 | **2.10** |
| **64** | Supplemental | Negotiate with Monterey Co for additional Nacimiento water to utilize full hydraulic capacity of pipeline. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |
| **65** | Supplemental | Agriculture to use Nacimiento water. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |

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| Index | Solution Category | Solution | Time Frame | AFY | Est. Cost | Feasi - bility | AFY | Cost | Feas. | Total Score |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **66** | Supplemental | Direct delivery of Nacimiento or State Water Project water. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |
| **67** | Supplemental | Deliver unsubscribed Nacimiento/State Water Project allocation directly to area of concern for Ag/Golf/Rural Res. | **L** | **H** | **H** | **M** | 0.90 | 0.25 | 0.90 | **2.05** |
| **72** | Supplemental | Wheel water through existing community systems or build infrastructure to deliver water. | **L** | **H** | **M** | **L** | 0.90 | 0.50 | 0.45 | **1.85** |
| **75** | Supplemental | All areas –Develop recharge Basins. | **L** | **M** | **H** | **M** | 0.60 | 0.25 | 0.90 | **1.75** |
| **76** | Supplemental | Build water treatment plant to full capacity of 4,000 AFY. | **M** | **M** | **H** | **M** | 0.60 | 0.25 | 0.90 | **1.75** |
| **51** | Supplemental | Construct Basins in Salinas River alluvium within Estrella subarea to recharge unused Nacimiento allocation. | **S** | **L** | **M** | **M** | 0.30 | 0.50 | 0.90 | **1.70** |
| **77** | Supplemental | Connect San Miguel/Paso Robles /Templeton /Atascadero to State Water Project. | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **78** | Supplemental | Jack Creek Dam | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **79** | Supplemental | Santa Rita Creek Dam | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **80** | Supplemental | Other new dam locations | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **81** | Supplemental | Direct delivery | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **82** | Supplemental | Desalinization (sea water or brackish). | **L** | **H** | **H** | **L** | 0.90 | 0.25 | 0.45 | **1.60** |
| **83** | Supplemental | Exchange or bank Nacimiento water with State Water Project. | **M** | **M** | **M** | **L** | 0.60 | 0.50 | 0.45 | **1.55** |
| **58** | Supplemental | Increase alluvial well pumping to maximize use of Salinas River appropriation. | **S** | **L** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **85** | Supplemental | Develop a San Miguel turnout and utilize Nacimiento Water. | **M** | **L** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **86** | Supplemental | Exchange or bank Nacimiento water with Lopez Lake to benefit Basin. | **M** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |
| **87** | Supplemental | Establish live stream water flow throughout the watershed areas (Basin creeks) | **M** | **U** | **L** | **L** | 0.30 | 0.75 | 0.45 | **1.50** |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 30% | 25% | 45% | |
| **89** | Supplemental | Connect Creston to State Water Project. | **L** | **L** | **H** | **M** | 0.30 | 0.25 | 0.90 | **1.45** |
| **90** | Supplemental | Implement injection where it will replenish groundwater Basin. | **L** | **M** | **H** | **L** | 0.60 | 0.25 | 0.45 | **1.30** |
| **91** | Supplemental | Salinas Dam – Santa Margarita Lake - Raise and reinforce to increase storage. | **L** | **M** | **H** | **L** | 0.60 | 0.25 | 0.45 | **1.30** |
| **59** | Supplemental | Connect the Paso Robles/Templeton system to Atascadero by installing 1,400 feet of pipe. | **S** | **L** | **M** | **L** | 0.30 | 0.50 | 0.45 | **1.25** |
| **92** | Supplemental | Develop other carryover storage options. | **L** | **L** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **93** | Supplemental | Develop a high flow waterway management system. (Basin creeks) | **L** | **U** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **94** | Supplemental | Other streams | **L** | **U** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **95** | Supplemental | Alluvial flow capture (Estrella River, HuerHuero Creek, etc.) | **L** | **U** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |
| **96** | Supplemental | Develop high flow waterway system management system. (Salinas River) | **L** | **U** | **H** | **L** | 0.30 | 0.25 | 0.45 | **1.00** |

## Revision Control

| Revised | Who | What | Why |
|---|---|---|---|
| 2/27/2013 | Sue Luft | Revised in Solutions Meeting on 2/27/13 | Initial ranking of timeframe for solutions. |
| | Sue Luft | Incorporated comments from Laura Edwards - US-LT RCD | from Laura's email of 3-8-13 |
| | Sue Luft | Incorporated comments from Della Barrett | from Della's email of 3-11-13 |
| | Sue Luft | Incorporated comments from Sue Harvey | from Sue's email of 3-8-13 |
| 3/20/2013 | Mike/Sue | Entered comments and removed some text | Comments from Solutions Subcommittee meeting 3/13 |
| 3/20/2013 | Committee | Updated for meeting comments | Comments made by committee at 3/20 meeting |
| 4/2/2013 | Mike/Sue | 2 wording changes switching per unit to per acre and household | Comments noted by Sue |
| 7/3/2013 | Sue Luft | Slight cleanup | to match wording in list provided to BoS on 5-7-13 |
| 7/10/2013 | Larry/Committee | Feasibility column | To complete column |
| 7/14/2013 | Larry | Completed blanks in Feasibility and AFY | To get it done and out for review |
| 7/19/2013 | Mike | Put in ranking metric columns | Per instructions by committee |
| 7/19/2013 | Mike | Change "disseminate" to "implement" on one solution. | Per comment by Steve |
| 7/22/2013 | Mike | Set up formulas for converting alpha to numeric | Continue ranking process |
| 7/22/2013 | Mike | Inserted new page "All for Ranking" and sorted highest to lowest | Continue ranking process |
| 7/22/2013 | Mike | Updated Key to Ranking | Explain in detail the ranking methodology |
| 7/30/2013 | Mike | Change category values, eliminated "Time Frame" and resorted | Per Keith and Christopher's recommendation |
| 7/31/2013 | Mike | Updated Key to Ranking | Removed "Timeframe" as a category |
| 7/31/2013 | Mike | Updated Key to Ranking | Removed all "U" and changed to "L" |
| 7/31/2013 | Mike | Removed Solution #2.1.1.5.1(Maximize use of unsub. Allocation) | Per committee discussion |
| 7/31/2013 | Mike | Put in simple index | Per John H recommendation |
| 7/31/2013 | Mike | Changed several alpha codes and left notes in cells as to which | Per discussion at meeting |
| 8/1/2013 | Mike | Reinstated the U code | Per discussion with Keith |
| 8/1/2013 | Mike | Changed several alpha codes and left notes in cells as to which | Per discussion with Keith |
| 8/5/2013 | Mike | Added #96 | Per email from Keith and Christopher |
| 8/5/2013 | Mike | Rescored #28 and resorted - It is now #5 | Per email from Don and discussion with Larry |
| 8/5/2013 | Mike | Added text to #66, 12,4, 25,26,29,22 | Per emails from Sue, Larry, and Courtney |
| 8/5/2013 | Mike | Changed several references to "vineyards" to "perennial crops" | Per email from Don. |