

**Nevada Irrigation District  
Plan For Water Planning Matrix**

Stage	Topic	Presentation Materials	Outcome	Board Decision Points	Stakeholder Involvement	General Comments	Proposed Engagement Techniques	Number of Meetings	Months
1	System Overview	Presentation of entire systems from top of water shed to the bottom. 1. Reservoirs 2. Distribution System 3. Hydro 4. Recreation 5. Treatment 6. Interdependencies 7. Type of location of end users	1. Common understanding of system 2. Narrative and mapping for final document 3. Presentation on communication plan for each stage.	1. None	1. Develop common understanding of District, services, physical constraints, and systems. 2. Increase public access to system information, water resources, and water quality.	1. First meeting high level overview and upper, then lower in second meeting.	1. Begin to develop the communication materials and channels and content strategy that is needed to begin engagement on the Plan. 2. Develop a high-level presentation that explains NID's systems.	2	1
2	Water Rights	Presentation of water rights in matrix form. Location, seniority, current usage.	1. Common understanding of system. 2. Narrative and mapping for final document.	1. None	1. Develop awareness and understanding of current water rights and usage.	1. Review all water rights currently held (type, location, seniority, and usage).	1. Develop a working calendar and engagement strategy that will focus all the content for communications channels, including as necessary social media, events, key stakeholder group meetings, community presentations, water system tours, pop-up events, bill messages, bill inserts, e-Newsletters, etc. Determine frequency and topics.	2	2
3	Watershed	1. Watershed management PPT 2. Cultural awareness and sensitivity overview	1. Develop common understanding and knowledge of NID source supply watersheds, management requirements, federal/state/local coordination and partnerships, and cultural awareness.	1. None	1. Provide understanding and knowledge of watershed health needs and long-term considerations	1. Watershed Overview 2. Watershed Conditions and Health 3. Watershed Opportunities & Threats 4. Cultural Resources and Awareness of Sensitivities	1. Working calendar and engagement strategy that will focus all the content for communications channels, including as necessary social media, events, key stakeholder group meetings, community presentations, water system tours, pop-up events, bill messages, bill inserts, e-Newsletters, etc. Determine frequency and topics.	2	2
4	Risk	1. Risk analysis and mitigation efforts presentation relating to three organizational considerations: (i) Operational; (ii) Regulatory; (iii) Environmental.	1. Develop a common understanding of NID's controlled and uncontrolled risk factors and mitigation efforts as it relates to operational, regulatory and environmental considerations.	1. None	1. Develop awareness and understanding of NID's actions and activities in relation to ongoing risk factors and considerations.	1. Operational risk factors. 2. Regulatory risk factors. 3. Environmental risk factors.	1. Working calendar and engagement strategy that will focus all the content for communications channels, including as necessary social media, events, key stakeholder group meetings, community presentations, water system tours, pop-up events, bill messages, bill inserts, e-Newsletters, etc. Determine frequency and topics.	2	2
5	Strategic Planning	Development of Mission, Vision, Strategic Priorities	1. Stand alone document (reference into PFW) 2. Ultimately develop goals	1. Approve Mission, Visions, Strategic Priorities	1. Provide input to Board on community values and concerns.	1. Leverage previous effort. 2. Ensure stakeholder concerns and issues are heard. 3. Utilize outcomes and future date to establish annual goals.	1. Develop a comment management system should allow for managing various comments that are submitted, regardless of format, assessing what the comments actually say, and determining how NID should respond to comments. 2. Develop Frequently Asked Questions which will be developed at the outset of the Plan's development but will be added to as the effort progresses and more questions are received from the community. Printed and on website. 3. Update Plan for Water webpage as needed, create an information repository, etc. Once relaunched, ongoing site maintenance will be required to keep site up to date. Website to have a materials repository for all communication materials developed in all phases. Establish a sign-up function for email to notify people when new information is posted.	4	2
6	Basis for Plan for Water	Develop consensus of: 1. Planning horizon 2. Intended outcome refinement 3. Frequency of plan update 4. How plan is used 5. Responsibility for plan 6. Distinguish facts from assumptions for modelling	1. Narrative in final document 2. Policy consideration	1. Approve planning horizon. 2. Review intended outcomes of process and determine whether or not changes are necessary to the proposed process. 3. Approve identification of facts versus assumptions for modelling efforts. 4. Approve consultant contract.	1. Provide input to Board on regarding reasonable planning horizon. 2. Provide input to Board regarding outcome refinement and general PFW process. 3. Provide input regarding public process for plan updates. 4. Can plan be used to support other water planning or resource evaluation efforts? 5. Provide input to Board regarding identification of facts versus assumptions for modelling efforts. 6. Provide input regarding consultant selection.	1. Review state, regional, and local planning to determine if there are synergies that exist or can be folded into PFW process. 2. May require revision of existing policy or new policy to be developed. 3. RFP and consultant selection process will be initiated prior to Stage 4.	1. Send bill Insert, email and social media notices 3 weeks prior to Stage 4. 2. Include information in e-newsletter 3. Update website. 4. Update fact sheet based on out comes of the Basis for the Plan for Water. 5. Targeted outreach presentations (Ag, Construction Groups, Chambers, Community Groups etc.).	1	0.5

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7	Hydrology and Hydrography	1. Design assumptions, principles, and standards 2. Reconfirm model outputs from FERC effort 3. Drought and Climate change 4. Sensitivity	1. Model 2. Narrative and data presentation	1. Approve design assumptions, principles and standards prior model development. 2. Review and confirm model outputs from FERC effort and Technical Memorandum effort. 3. Select model to project climate change trends. 4. Select range of drought scenarios.	1. Provide input to Board regarding design assumptions, principles, and standards. 2. Provide input regarding adequacy and accuracy of previous modelling completed under previous FERC effort and the previous Technical Memorandum. 3. Provide input regarding climate change model selection. 4. Provide input regarding various drought scenarios selected for analysis.	1. Review previous effort to determine if there are opportunities for leveraging previous work. 2. Confirm all assumptions prior to model being built. 3. Discussion coincides with Stages 8 & 9.	1. Hold focus groups as needed to work through technical details. 2. Update all outreach channels (social media, e-bulletins, FAQs, website, FAQs). 3. Continue to implement comment management system.		
8	Demand	1. Land use 2. Growth 3. Water use trends a. Efficiency b. Loss 4. Regulatory/Environmental Flows 5. Future demand	1. Model. 2. Narrative in final document	1. Review land use designations provided by land use authorities. 2. Approve growth projections. 3. Approve water use trends used in modelling (efficiency reductions, and water loss (treated and raw)). 4. Approve actual and projected environmental/regulatory required flows. 5. Approve future demand scenarios.	1. Provide input to Board regarding growth projections. 2. Provide input to Board regarding future water use trends used in modelling (efficiency reductions, and water loss (treated and raw)). 3. Provide input to Board regarding actual and projected environmental/regulatory required flows. 4. Approve future demand scenarios.	1. Coordinate with all land use authorities to obtain proposed land use designation. 2. Coordinate with all land use authorities for growth factors. 3. Coordinate with regulatory agencies regarding flows (some of this effort will be completed through current processes (FERC, VAs) 4. Combine consultant effort with Stage 5. 5. Discussion coincides with Stages 7 & 9.	1. Hold focus groups as needed to work through technical details. 2. Update all outreach channels (social media, e-bulletins, FAQs, website, FAQs). 3. Continue to implement comment management system.	9	9
9	Supply	1. Short and long-term 2. Reliability and risk considerations 3. Scenario based 4. Identification of critical supply needs and "pipelines" 5. Relationship between energy production and supply 6. Supply delivery considerations	1. Model 2. Narrative and data in final document	1. Approve short and long -term planning durations. 2. Approve slate of reliability and risk considerations and scenarios to be evaluated. 3. Approve vulnerability and risk assessment process and rating system. 4. Approve the identified critical supply needs.	1. Provide input to Board regarding short and long -term planning durations. 2. Provide input to Board regarding slate of reliability and risk considerations and scenarios to be evaluated. 3. Provide input to Board regarding vulnerability and risk process and evaluation. 4. Provide input to Board regarding identified critical supply needs.	1. Combine with 5 and 6 effort. 2. Needs to include review of revenue considerations (water and power). 3. Discussion coincides with Stages 7 & 8.	1. Hold focus groups as needed to work through technical details. 2. Update all outreach channels (social media, e-bulletins, FAQs, website, FAQs). 3. Continue to implement comment management system.		
10	Strategy Options	1. Operations a. System b. Decreased supply policy c. Demand management 2. Restoration/Rehabilitation a. System b. Watershed 3. Management a. Adaptive Management of Watershed 4. Supply a. Increase Supply b. Restore Supply	1. Narrative 2. Matrix 3. Policy Consideration	1. Approve strategy evaluation matrix. 2. Approve suite of strategies to be included under each category.	1. Provide input regarding strategy evaluation matrix. 2. Participate in development of suite of strategies.	Intended to be high level strategies that will be tiered into actionable items.	1. Send new bill insert, email and social media notices to notify stakeholders of the beginning of Stage 8. 2. Update all outreach channels (social media, e-bulletins, FAQs, website, FAQs). 3. Continue to implement comment management system.	3	4
11	Strategy Evaluation	1. Environmental 2. Cost 3. Water Right Needs 4. Constructability 5. Risk 6. Political 7. Critical 8. Water/Energy Optimization 9. Maximize Benefit to Customers 10. Grants 11. Regulatory	1. Matrix	1. Approve final ranking of strategies.	1. Participate in ranking of strategies.	Intended to develop ranking.	1. Provide interest specific presentation 2. Update all outreach channels (social media, e-bulletins, FAQs, website, FAQs). 2. Provide community and interest group presentations on final product.	4	2

**Next Steps After Completion of PFW**

- 1 Raw Water Master Plan
- 2 Treated Water Master Plan
- 3 Watershed Management and Master Plan
- 4 System Operation Plan