

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** May 25, 2022  
**TO:** Chairman and Members, Northern Nevada Water Planning Commission (“NNWPC”)  
**FROM:** Kim Rigdon, Water Resources Program Manager  
**SUBJECT:** Action, discussion, and possible recommendation to the WRWC for approval of a scope of work and funding not to exceed \$48,398 from the RWMF for a professional services agreement with the National Water Research Institute (NWRI) for the “OneWater Nevada, Expert Panel Review of the Advanced Purified Water Program at American Flat”

---

### **SUMMARY**

OneWater Nevada (OWN) is implementing a 2MGD Advanced Purified Water Program at American Flat (Project). NWRI has submitted a proposal to assemble an Independent Advisory Panel (IAP) of subject matter experts for review of the Project. The proposal scope of work includes IAP expert advice on the advanced purified water treatment process and operating protocols for the full-scale Project. The IAP will provide credible independent, expert review of the most challenging aspects of the Project, including technical, scientific and policy related issues. NWII will schedule, plan, and prepare IAP meetings, and facilitate a virtual technical orientation workshop and one in person meeting of the panel in Fiscal Year 2023.

### **BACKGROUND**

Over the past five years, Carollo Engineers facilitated an independent expert panel review of the OWN advanced treatment pilot testing, hydrogeologic studies, and field scale demonstration at American Flat. In 2021, AECOM completed the basis of design and was subsequently awarded the preliminary design contract for the Project. NWRI is a 501(c)3 nonprofit organization that specializes in assembling teams of subject matter experts in the water industry to provide credible independent review of water projects. NWII will assemble and facilitate an IAP review of, and provide recommendations for, the American Flat Project.

### **FISCAL IMPACT**

Should the Agreement be approved, the Fiscal Year 2022/2023 Tentative Budget includes adequate budget in the professional services category to accommodate the proposed \$49,398 budget request for Fiscal Year 2023.

### **RECOMMENDATION**

Staff proposes that the NNWPC forward a recommendation to the WRWC for approval of the NWRI scope of work and funding not to exceed \$49,398 from the RWMF, and a project completion date of June 30, 2023.

KR:jp

Attachment 12a Proposal for OWN NWRI Expert Panel



Date: May 4, 2022

To: Kim Rigdon  
Water Resources Program Manager  
Western Regional Water Commission

Rick Warner, P.E.  
OneWater Nevada Program Coordinator  
President, Warner and Associates

From: Kevin M. Hardy, JD  
Executive Director  
National Water Research Institute

Subject: Proposal to Fund Independent Expert Panel Review of the OneWater Nevada  
Advanced Purified Water Program at American Flat

---

## Proposal Overview

The National Water Research Institute (NWRI) is pleased to transmit this proposal to plan and facilitate an Independent Advisory Panel (IAP or Panel) to assess the Advanced Purified Water Program at American Flat (Project). The Project is being administered by OneWater Nevada and its Program Coordinator Warner and Associates in coordination with the OneWater Nevada members and Project consultant AECOM (collectively referred to as the Project Team). The Project is funded through the Western Regional Water Commission.

The IAP's objective is to provide expert advice on the suitability of the advanced treatment processes and operating protocols to achieve Nevada category A+ reclaimed water quality for a full-scale project. The Panels review will focus on OneWater Nevada's treatment and operational approaches for: pathogen Log Reduction Values (LRV); unregulated constituents; hydrogeologic conditions; and, wastewater source water quality program

This proposal funds the Panel's work in FY 2022-23 including the IAP's remote participation in a Technical Orientation Workshop and one (1) in-person meeting of the the six (6) member Panel.



Subsequent to the IAP's in-person meeting, the Panel will issue a report presenting its consensus findings and recommendations. The total not to exceed cost for the services described in Scope of Work is \$49,398.

## About NWRI

NWRI is a 501c3 nonprofit that collaborates with water utilities, regulators, and researchers in innovative ways to help develop new, healthy sources of drinking water. NWRI assembles teams of scientific, technical and policy experts that provide credible independent peer review of water projects, develop recommendations that support investment in water infrastructure and public health, and enable water resource management decisions grounded in science and best practices.

NWRI's approach is collaborative by design and we take pride in customizing our processes and service offerings to meet the unique needs of our clients and the communities they serve.

NWRI IAPs support many of the nation's most important water reuse projects. We look forward to working with the Project Team and stakeholders to help OneWater Nevada.

## OneWater Nevada

OneWater Nevada was originated by the: City of Reno; Truckee Meadows Water Authority; University of Nevada, Reno; City of Sparks; Northern Nevada Water Planning Commission; Western Regional Water Commission; Truckee Meadows Water Reclamation Facility; and, Washoe County to evaluate and determine whether the State of Nevada's newly adopted category A+ reclaimed water quality, or advanced purified water (APW), offers regional long-range water supply benefits.

## Project Description

After five (5) years of advanced treatment pilot testing, hydrogeologic studies, a field scale demonstration and the completion of an Advanced Treatment/Aquifer Injection Study, OneWater Nevada is implementing a 2 MGD Advanced Purified Water Program. AECOM completed the basis of design in Spring 2021 (a 10-percent design effort) and was thereafter awarded the preliminary design contract. Project hydrogeologic studies are managed by the Truckee Meadows Water Authority. The Advanced Purified Water Program will be implemented with via the Construction Manager At-Risk alternative delivery method.



## Proposal Overview

NWRI will administer and facilitate an existing Panel of highly-qualified independent practitioner. IAPs are designed to provide credible, independent, expert review of the most challenging technical, scientific and policy issues facing today's multi-benefit water reuse projects. This proposal provides funding for two distinct meetings of the IAP.

**In a Technical Orientation Workshop** the Panel will Meet with OneWater Nevada's technical team to discuss the projects technical elements. This includes a assess the Project's Basis of Design; the proposed unit process control scheme; a proposed water quality sampling plan; and, review previously competed reports, studies, and technical memoranda. This workshop will be facilitated by Kevin Hardy and conducted remotely. NWRI anticipates this workshop will take place in late summer or early fall 2022.

In the four- to six- weeks **following the Technical Orientation Workshop, NWRI will plan, administer, and then facilitate an in-person meeting of the Panel in Reno, Nevada.** NWRI expects representatives for OneWater Nevada's technical team, local water agency leadership, Washoe County Health District, Nevada Division of Environmental Protection, and Nevada Department of Natural Resources to participate. Subsequent to this meeting 2 the IAP will issue draft and final reports containing its consensus findings and recommendations.

NWRI project engagements typically span the life of a project. IAPs may meet annually, or at more or less frequent intervals, depending on Project needs and applicable regulatory requirements. Our approach is collaborative and we customize our processes and services to meet the unique needs of each client and the communities they serve. Additional services outside the scope of work defined below are often necessary or appropriate. Upon Client direction, NWRI typically provides such additional services according to the rates and terms set forth in this proposal.



## Scope of Work

### Introduction

Each task in the scope of work is required to plan, facilitate, and document a Panel meeting. The proposed Scope of Work and Deliverables are organized to:

- Establish the Panel's membership, leadership and independence.
- Plan meetings of the Panel to help ensure that Project Team, regulators, and expert's needs are met at each stage of the work.
- Report the Panel's consensus findings and recommendations in draft and final forms.

### Scope of Work - Task 1: Project Management and Administration

This task includes assembling, administering, and managing the Panel. This collaborative process is used to gather information about the expertise and qualifications required for the Client's project.

1.1 Identify, Engage and Support Experts. Assemble, engage, administer, manage, reimburse, and compensate subject matter experts (SMEs) in each required discipline and any other key areas of relevant technical expertise required.

- a. Engage Panel members with the NWRI Panelist Engagement Agreement defining the terms, conditions, expectation, and compensation for Panelists selected for the Project.
- b. Notify the Project Team when all Panel members have signed their engagement agreements and are ready to begin work.
- c. Occasionally, Panel members must transition off for personal and / or professional reasons. This task provides for maintaining Panel independence and effectiveness.

1.2 Manage and Administer Project. Conduct all necessary and appropriate project administration and management duties in a timely and professional manner. These duties vary by engagement but tend to focus on records management, billings, scope and resource development, and related logistics. This task is intended to ensure that NWRI can support the Project Team, Client, Panel, and stakeholders.

### Scope of Work - Task 2: Meeting Planning and Preparation

NWRI will schedule, plan, and prepare for the Panel meetings in coordination with relevant Project requirements and/or milestones



2.1 Panel Meeting Planning. NWRI will work with the Project Team to plan and articulate the full scope of review for the Panel meeting. This planning will include sequencing content to optimize the Panel's review. This collaborative process will include:

- a. Meeting online to plan each Panel meeting, agenda, meeting facilitation processes, and key questions for the Panel as needed to support the Project, the Project Team, and the Panel.
- b. Curating scientific, technical, policy, and related questions that the Project Team would like the Panel to advise on. These questions are often referred to as the "Panel Charge."
- c. Developing meeting objectives in support of the charge with NWRI and the Panel Chair.
- d. Agreeing upon a strategy to develop and share relevant Project background information and data to optimize the Panel member's review.
- e. Working with the Project Team and Panel members to schedule Panel meetings and workshops.
- f. Identifying the meeting attendees, including Project Team members, Project Team staff, consultants, state and regional regulators, and other stakeholders needed for an effective Panel meeting. NWRI will also discuss and clarify roles and expectations for all Panel meeting participants.

2.2 Pre-Meeting Workshop with Project Team and Panel Chair. NWRI will schedule a virtual workshop to further develop the meeting objectives. This process will include:

- a. Refining the Panel Charge.
- b. Discussing the agenda and facilitative processes to support the Panel.
- c. Ensuring that the pre-meeting literature review and in-meeting presentations contain all the information that the Panel needs as the basis for its findings, conclusions, and recommendations.

2.3 Panel Meeting Preparation. NWRI will work in collaboration with the Project Team to prepare for each Panel meeting. This work includes developing the meeting agenda, compiling meeting relevant background materials from the Project Team, transmitting these pre-meeting review materials



to the Panel before the meetings, and informing/engaging relevant Project stakeholders as identified by the Client before the meetings. Tasks include:

- a. Working with the Project Team to develop the agenda. As part of this process, NWRI and the Project Team will discuss facilitative techniques to stimulate the exchange of information and ideas.
- b. Supporting the Project Team and consultants as they define, develop, and prepare presentations on agenda topics. The Project Team will prepare and provide handouts and reference materials for the Panel members to review before and during the meeting.
- c. Facilitating the Panel meeting and distributing relevant visual aids, handouts, and other materials provided by the Project Team to support their presentations.
- d. Discussing and engaging available resources to develop the scope, breadth, and presentation of background materials relevant to the Panel's scope.
- e. Collecting appropriate background material for the Panel meeting from the Project Team, its partners, its consultants, or any other Project stakeholder, subject to approval by the Project Team. The Project Team should provide all pre-meeting review documents in PDF format to the NWRI Project Manager at least two weeks before the meeting.
- f. Distributing an official pre-meeting review transmittal to the Panel members by email approximately ten (10) business days before the meeting so the Panel has time to review and consider the materials.
- g. Preparing and transmitting a Panel meeting agenda to identified stakeholders.

2.4 Coordinate Panel Meeting Logistics. NWRI, in consultation with the Project Team, will coordinate logistics for each Panel meeting. Specifically, this process will include:

- a. Arranging transportation for out-of-town Panel members if meetings are in person.
- b. Booking hotel accommodations for out-of-town Panel members.
- c. Arranging meeting-related transportation for Panel members.



- d. Upon request, developing content for the existing Project webpage to provide information on the Project, the Panel, and Panel meetings.
- e. Coordinating with the Project Team to notify interested parties about Panel meetings, the availability of reports, and other Panel deliverables.

### **Scope of Work - Task 3: Meeting Facilitation and Preliminary Panel Report**

This task includes facilitating each Panel meeting and preparing/delivering the preliminary Panel meeting report. The draft and final Panel meeting reports reflect the panel's consensus on the questions presented at the meeting as well as related scientific, technical, and policy issues.

3.1 Facilitate Panel Meetings. Panel meetings are typically completed in one day. The timing and length of panel meetings vary depending on the scope of the meeting as determined collaboratively by the Project Team and NWRI. NWRI will administer, facilitate, and moderate the meetings, including stakeholder participation at the meeting. Responsibilities include:

- a. Administer the Panel meeting. Duties include welcome, introducing NWRI to the participants, explaining the panel process, attendance, taking notes, and Panel support as described including editing, presentation and transmission of the Panel's draft and final reports.
- b. Facilitate the meeting; NWRI's Executive Director, Kevin M. Hardy, MPA, JD, will moderate the meeting. Meetings typically include both an open session for the Project Team and invited stakeholders, and a private closed working session of the Panel.
- c. Support the Panel process by keeping the meeting on schedule, enabling a balance of Panel member engagement and idea exchange, questions and answers, and preparing an outline for the Panel report.

As described above, the Project Team is responsible for the content and preparation of all scientific, technical, and policy presentations made at the panel meeting.

3.2 Closed Working Session. At the conclusion of each Panel meeting, the Panel will meet privately to plan and initiate drafting of the Panel Meeting Report. During this private session, NWRI staff and Panel members will generally:

- a. Determine consensus on key findings and recommendations to anchor the PMR.
- b. Prepare a general outline of the PMR based on the questions presented and the information presented,.



- c. Assign drafting assignments for the PMR to SMEs based on their interests and expertise. In authoring their assigned sections, Panel members will consider information and other materials presented at the meeting and relevant findings from other concurrent efforts (if any). Panel members will apply their expert judgment to develop the most informed and useful recommendations possible.

#### **Scope of Work - Task 4: Panel Meeting Report**

4.1 This task provides for the research, writing, editing, and review of the draft and final Panel meeting reports. NWRI panel reports are authored by the Panel under the leadership of the Panel Chair starting during the Panel's private working session at the conclusion of the meeting.

4.2 The report is a consensus report of the Panel, meaning that each finding and recommendation will have the support of each Panel member.

4.3 NWRI's role in this task is coordinating the Panel's efforts in drafting the reports, editing the reports for clarity and presentation, transmitting the reports to the Project Team for review, and ensuring the final report is clear, accurate, and timely. NWRI and the Panel members will:

- a. Write and submit assigned sections to the Panel Chair and the NWRI Project Manager, who then work collaboratively to compile the draft report.
- b. Review and edit the draft report. This process is coordinated by the Panel Chair and NWRI. The first work product is the draft Panel meeting report.
- c. Transmit the draft report to the Project Team for their review to identify mistakes of fact, unintended inconsistencies, and errors or omissions in the application of relevant science. To ensure Panel independence and credibility, neither the Panel nor NWRI will negotiate findings and recommendations absent a mistake of fact or mistaken application of fact by the Panel.
- d. Depending upon scheduling, the report may take several weeks to finalize. Drafty reports are typically completed within six (6) weeks of the meeting, however, report production timeframes are dependent upon the complexity of the meeting subject matter, the quality of the meeting materials prepared by the Client and its consultants, IAP requests for additional data and/or information, expert availability, and report writing and production logistics. NWRI will communicate and discuss report delivery expectations with the Project Team as necessary and appropriate.



## Deliverables

1. Project Management and Administration. This deliverable provides for communication, coordination, and billing in support of the remaining deliverables.
2. Transmit Meeting Agenda to Project Team and Stakeholders. In collaboration with the Project Team, NWRI will: develop and produce each Panel meeting agenda along with the pre-meeting review materials that: establish the Panel Charge for the meeting; identify objectives for the meeting; set forth the scientific, technical and policy questions presented; identify presenters and subject matter to be covered; and allocate time to cover all subject matter necessary to enable the Panel to provide consensus expert comments and recommendations in the Panel report.
3. Facilitate Panel Meeting. NWRI will facilitate each meeting to achieve the identified objectives stated in the relevant Panel Meeting Agenda.
4. Produce Draft and Final Panel Meeting Reports. The IAP, as directed by the Chair, will author the Draft Report. As directed by the Chair, NWRI will edit, produce and transmit draft Panel Meeting Reports to the Project Team. Draft reports typically take the IAP and NWRI approximately six (6) weeks to complete after the IAP meets. NWRI will transmit Final Panel Meeting Reports to the Project Team as soon as possible.

## Proposed Budgets

**The Technical Orientation Workshop will be a remote meeting of the Panelists. The proposed budget is \$35,318.**

**The Panel Meeting will be an in-person meeting of the Panelists. The proposed budget is \$14,080.**

NWRI will only bill expenses actually incurred. Please see Attachment 1 for specific line-item meeting budget details.

## Additional Work

Additional work that substantially varies from or exceeds the scope of work described in this proposal may require a budget amendment. NWRI will communicate and coordinate as needed with OneWater Nevada prior to undertaking additional work.



## Proposed Payment Terms

1. **Progress Payment No. 1.** NWRI will invoice the OneWater Nevada not more than 25% percent of the relevant meeting budget when the Final IAP roster for the meeting is transmitted to the Project Team.
2. **Progress Payment No. 2.** NWRI will invoice OneWater Nevada not more than 25% of the relevant meeting budget when an IAP meeting date is confirmed with the Project Team.
3. **Progress Payment No. 3.** NWRI will invoice OneWater Nevada not more than 25% of the Project budget when NWRI's facilitation of the relevant Panel meeting concludes.
4. **Final Payment.** Upon delivery of the final meeting report, NWRI will invoice the OneWater Nevada for only those actual expenses authorized in the relevant meeting budget up to the total meeting budget less all previously billed progress payments for that meeting.

## Contact

If you have questions or would like to discuss this proposal further, please contact Suzanne Sharkey, Project Manager, at [ssharkey@nwri-usa.org](mailto:ssharkey@nwri-usa.org) or (714) 378-3278.



## About the National Water Research Institute

NWRI was established in 1991 to address water supply and quality issues facing our nation through cooperative research. NWRI is organized as both a Joint Powers Agency (JPA) pursuant to the California Government Code and a 501c3 nonprofit corporation pursuant to the Internal Revenue Code. Based in Fountain Valley, California, NWRI’s JPA members include:

- Inland Empire Utilities Agency
- Irvine Ranch Water District
- Los Angeles Department of Water and Power
- The Metropolitan Water District of Southern California
- Orange County Sanitation District
- Orange County Water District

In conjunction with our JPA members and our partners at the Joan Irvine Smith and Athalie R. Clarke Foundation, NWRI promotes the protection, maintenance, and restoration of drinking water supplies as well as freshwater and marine environments. NWRI staff titles, project duties, and qualifications are presented below. For specific information about other NWRI Independent Expert Advisory Panels, our research, or educational and outreach initiatives, please visit our [website](#).

### NWRI Staff Titles, and Duties

| Name            | Title              | Duties   |
|-----------------|--------------------|--|
| Kevin M. Hardy  | Executive Director | Provides overall management for Panel efforts. Responsible for working with Panel Chair to plan and facilitate Panel activities.                       |
| Suzanne Sharkey | Project Manager    | Coordinates with Panel Chair, NWRI Executive Director, Panelists, and Client. Key project management for scheduling, administration, and work product. |
| Mary Collins    | Technical Editor   | Coordinates with Panel Chair and Panelists to document meeting notes and prepare reports.  |



## **NWRI Staff Qualifications**

**Kevin M. Hardy, Executive Director.** Mr. Hardy works with academics, utility executives, peers and policymakers to continue developing regulations for potable reuse; building upon relationships with public and private agencies; and facilitating NWRI's well-established expert Panel program to help guide innovation in water resources management practice and policy.

Kevin is an experienced water leader and public agency executive. After a decade serving the cities of San Diego and Chula Vista in various management capacities, he was appointed to an executive role at the Encina Wastewater Authority in 1995. Under Hardy's leadership, Encina was recognized for excellence in wastewater treatment and recycled water operations, green energy production, biosolids management, capital improvement planning and execution, innovative public-private partnering, workplace safety, and employee training and development. During his tenure at Encina, Mr. Hardy also served on several industry association Boards of Directors and served as an elected president of the California Sanitation Risk Management Authority and California Association of Sanitation Agencies.

After seven years as Encina's General Manager, he retired in March 2016 and joined NWRI in April 2017. In this role, Mr. Hardy also serves as the Administrative Director for the Southern California Salinity Coalition. Hardy holds bachelor's and master's degrees in from San Diego State University's Institute of Public and Urban Affairs and a Juris Doctorate from the University of San Diego School of Law. Kevin is also an alumnus of the joint AWWA-WEF Water and Wastewater Leadership Center at the University of North Carolina at Chapel Hill.

**Suzanne Sharkey, Water Resources Scientist and Project Manager.** Suzanne Sharkey has served as a water resources scientist at NWRI Since 2014. She completed her graduate studies in earth and hydrologic science at the University of Rhode Island, and previously worked as a data analyst and field scientist for environmental consulting firms focused on stormwater management, salt marsh restoration, and innovative groundwater remediation techniques. She has a bachelor's degree in Chemistry from The College of New Jersey and a master's degree in Technical and Science Communications from Drexel University.

**Mary Collins, Communication Manager and Technical Editor.** Mary Collins joined NWRI in September 2018. Originally from Seattle, she worked as a technical writer and editor in the tech industry, most recently for Google and Microsoft. Her past experience includes five years as technical editor at a Seattle-based earth sciences engineering firm. She has a bachelor's degree in Communication from Boise State University and specialized training in technical writing and editing from University of Washington.



## Current or Related Projects

NWRI facilitates expert panels that support several high-profile, regionally critical engagements projects comparable, or related, to the Project including IAPs supporting the:

- Development of statewide DPR guidance for stakeholders and/or regulators in the states of Colorado, Arizona, New Mexico and Texas
- California State Water Board on
  - DPR Public Health Determination on Preliminary Statewide Regulations
  - DPR Statewide Source Control Regulatory Guidance
  - DPR Feasibility of Uniform Statewide Criteria
  - Uniform Statewide On-site Nonpotable Water regulations
  - Livestock Hydration Regulatory Guidance
  - Guidance to optimize the evaluation of bioanalytical tools for Recycled Water Policy compliance
- Orange County Water District's (CA) integrated *Groundwater Replenishment System* and *Santa Ana River Public Health Monitoring* projects
- Los Angeles Department of Water and Power's (CA) *Operation NEXT*
- Metropolitan Water District of Southern California (CA) on its *Regional Recycled Water Project, Advanced Purification Center Demonstration Project*
- City of San Diego (CA) on *Pure Water San Diego*
- Los Angeles Bureau of Sanitation (CA) on the *Hyperion Membrane Bioreactor Pilot Project*
- Hampton Roads Sanitation District (VA) on its *Sustainable Water Initiative for Tomorrow*
- City of Tampa's (FL) *Tampa Pure Indirect Potable Reuse Project*
- City of Boise (ID) on its *Water Renewal Utility Plan*
- LOTT Clean Water Alliance (WA) on the *Recycled Water Infiltration Study*
- Las Virgenes–Triunfo JPA's (CA) *Las Virgenes Reservoir Augmentation Project*
- Valley Water District (CA) on the *Regional Potable Reuse Program* (San Jose)
- Soquel Creek Water District's (CA) *Pure Water Soquel Groundwater Replenishment Project*
- One Water Monterey's (CA) *Pure Water Monterey Groundwater Replenishment Project*



## **Attachment 1: Proposed Panel Meeting Budgets**

# NATIONAL WATER RESEARCH INSTITUTE

Proposed Budget for the OneWater Nevada - Advanced Purified Water Program at American Flat

## 1. Pass-Through Expenses

### A. Expert Panel Member Honoraria

|  |  |  |  |  |
|--|--|--|--|--|
| Meeting Preparation                                  |  |  |  |  |
| Meeting and Workshop Participation and Working Calls |  |  |  |  |
| Report Drafting                                      |  |  |  |  |
| Panel Chair - Additional Effort                      |  |  |  |  |
| <b>Subtotal - Panel Honorarium</b>                   |  |  |  |  |

### B. Project Administration and Operating Expenses

|   |    |     |  |  |
|---|----|-----|--|--|
| Flat Fully-Billed Rate for Technology, Postage, Supplies, Misc. | \$ | 100 |  |  |
| Project Specific Operating Reimbursements                       | \$ | 100 |  |  |
| <b>Subtotal - Project Administration</b>                        |    |     |  |  |

### C. Meeting Expenses and Travel

| Panelists                                    |  | People/Units | Cost Basis | Days/Units | Cost            |
|--|--|--------------|------------|------------|-----------------|
| Panelist R/T Airfare                         |  | 6            | \$ 350     | 1          | \$2,100         |
| Panelist Ground Transportation & Parking     |  | 6            | \$ 100     | 1          | \$600           |
| Panelist Lodging Per Night                   |  | 6            | \$ 300     | 1          | \$1,800         |
| Panelist Breakfast                           |  | 6            | \$ 10      | 2          | \$120           |
| Panelist Lunch                               |  | 6            | \$ 15      | 2          | \$180           |
| Panelist Dinner                              |  | 6            | \$ 25      | 2          | \$300           |
| Panelist Travel Miscellaneous                |  | 6            | \$ 25      | 1          | \$150           |
| <b>Subtotal - Panelist Travel Expenses</b>   |  |              |            |            | <b>\$5,250</b>  |
| <b>NWRI Staff</b>                            |  |              |            |            |                 |
| NWRI R/T Airfare                             |  | 1            | \$ 350     | 1          | \$350           |
| NWRI Ground Transportation & Parking         |  | 1            | \$ 100     | 1          | \$100           |
| NWRI Lodging Per Night                       |  | 1            | \$ 300     | 1          | \$300           |
| NWRI Breakfast                               |  | 1            | \$ 10      | 2          | \$20            |
| NWRI Lunch                                   |  | 1            | \$ 15      | 2          | \$30            |
| NWRI Dinner                                  |  | 1            | \$ 25      | 2          | \$50            |
| Staff Travel Miscellaneous                   |  | 1            | \$ 25      | 1          | \$25            |
| <b>Subtotal - NWRI Staff Travel Expenses</b> |  |              |            |            | <b>\$875</b>    |
| <b>Total Pass-Through Expenses</b>           |  |              |            |            | <b>\$17,925</b> |

## 2. Nonprofit Institutional Support Fee (Thank You for Supporting NWRI!)

10.00% **\$1,793**

## 3. Direct NWRI Staff Costs

|   | Hourly Rates | Hours     | Cost            |
|---|--------------|-----------|-----------------|
| Executive Director                        | \$225.00     | 16        | \$3,600         |
| Project Manager                           | \$160.00     | 40        | \$6,400         |
| Communications Manager                    | \$150.00     | 24        | \$3,600         |
| Administrative, Finance, and Events Staff | \$125.00     | 16        | \$2,000         |
| <b>Subtotal - NWRI Staff Direct Costs</b> |              | <b>96</b> | <b>\$15,600</b> |

**Total Costs** **\$35,318**

# NATIONAL WATER RESEARCH INSTITUTE

Proposed Budget for the OneWater Nevada - Advanced Purified Water Program at American Flat

## 1. Pass-Through Expenses

### A. Expert Panel Member Honoraria

|  |  |
|--|--|
| Meeting Preparation                                  |  |
| Meeting and Workshop Participation and Working Calls |  |
| Report Drafting                                      |  |
| Panel Chair - Additional Effort                      |  |

**Subtotal - Panel Honorarium**

### B. Project Administration and Operating Expenses

|   |  |
|---|--|
| Flat Fully-Billed Rate for Technology, Postage, Supplies, Misc. |  |
| Project Specific Operating Reimbursements                       |  |

**Subtotal - Project Administration**

### C. Meeting Expenses and Travel

#### Panelists

|  |  |
|--|--|
| Panelist R/T Airfare                     |  |
| Panelist Ground Transportation & Parking |  |
| Panelist Lodging Per Night               |  |
| Panelist Breakfast                       |  |
| Panelist Lunch                           |  |
| Panelist Dinner                          |  |
| Panelist Travel Miscellaneous            |  |

**Subtotal - Panelist Travel Expenses**

#### NWRI Staff

|                                      |  |
|--------------------------------------|--|
| NWRI R/T Airfare                     |  |
| NWRI Ground Transportation & Parking |  |
| NWRI Lodging Per Night               |  |
| NWRI Breakfast                       |  |
| NWRI Lunch                           |  |
| NWRI Dinner                          |  |
| Staff Travel Miscellaneous           |  |

**Subtotal - NWRI Staff Travel Expenses**

**Total Pass-Through Expenses**

## 2. Nonprofit Institutional Support Fee (Thank You for Supporting NWRI!)

10.00%

## 3. Direct NWRI Staff Costs

|   |  |
|---|--|
| Executive Director                        |  |
| Project Manager                           |  |
| Communications Manager                    |  |
| Administrative, Finance, and Events Staff |  |

**Subtotal - NWRI Staff Direct Costs**

**Total Costs**

## Proposed Meeting 1 Budget

|  | Panelists           | Days              | Total Days        | Cost            |
|--|---------------------|-------------------|-------------------|-----------------|
|  | 6                   | 0.50              | 3.00              | \$2,400         |
|  | 6                   | 0.50              | 3.00              | \$2,400         |
|  | 6                   | 0.50              | 3.00              | \$2,400         |
|  | 1                   | 1.00              | 1.00              | \$800           |
| <b>Subtotal - Panel Honorarium</b>           |                     |                   |                   | <b>\$8,000</b>  |
|  |                     |                   | <b>Units</b>      | <b>Cost</b>     |
|  |                     |                   | 0                 | \$0             |
|  |                     |                   | 0                 | \$0             |
| <b>Subtotal - Project Administration</b>     |                     |                   |                   | <b>\$0</b>      |
|  | <b>People/Units</b> | <b>Cost Basis</b> | <b>Days/Units</b> | <b>Cost</b>     |
|  | 6                   | \$ 400            |                   | \$0             |
|  | 6                   | \$ 100            |                   | \$0             |
|  | 6                   | \$ 275            |                   | \$0             |
|  | 6                   | \$ 10             |                   | \$0             |
|  | 6                   | \$ 15             |                   | \$0             |
|  | 6                   | \$ 25             |                   | \$0             |
|  | 6                   | \$ 25             |                   | \$0             |
| <b>Subtotal - Panelist Travel Expenses</b>   |                     |                   |                   | <b>\$0</b>      |
|  | 1                   | \$ 400            |                   | \$0             |
|  | 1                   | \$ 100            |                   | \$0             |
|  | 1                   | \$ 275            |                   | \$0             |
|  | 1                   | \$ 10             |                   | \$0             |
|  | 1                   | \$ 15             |                   | \$0             |
|  | 1                   | \$ 25             |                   | \$0             |
|  | 1                   | \$ 25             |                   | \$0             |
| <b>Subtotal - NWRI Staff Travel Expenses</b> |                     |                   |                   | <b>\$0</b>      |
| <b>Total Pass-Through Expenses</b>           |                     |                   |                   | <b>\$8,000</b>  |
|  |                     |                   |                   | <b>\$800</b>    |
|  | <b>Hourly Rates</b> |                   | <b>Hours</b>      | <b>Cost</b>     |
|  | \$225.00            |                   | 8                 | \$1,800         |
|  | \$160.00            |                   | 8                 | \$1,280         |
|  | \$150.00            |                   | 8                 | \$1,200         |
|  | \$125.00            |                   | 8                 | \$1,000         |
| <b>Subtotal - NWRI Staff Direct Costs</b>    |                     |                   | <b>32</b>         | <b>\$5,280</b>  |
| <b>Total Costs</b>                           |                     |                   |                   | <b>\$14,080</b> |