

WORKPLAN: Emerging Contaminants in Small and Disadvantaged Communities Grant									
PROJECT SUMMARY AND OVERALL APPROACH		With funding appropriated under Section 1459A of the Safe Drinking Water Act, amended by the Infrastructure Investment and Jobs Act (IIJA) of 2021 under Division J (FY 2022 Appropriation), Title VI – State and Tribal Assistance Grants (6), Nevada Division of Environmental Protection (NDEP) proposes to use \$18,914,000 to conduct PFAS sampling and analysis, develop a PFAS risk assessment tool, develop a web-based PFAS map, provide technical assistance to water operators, update Source Water Protection plans, provide emergency mitigation and response resources, develop preliminary engineering reports, construct water projects, update the PFAS Action Plan, provide equipment and staffing for PFAS analysis at the primacy lab, provide research on PFAS surrogate, Legionella and bacteria analysis, and implement Source Water Protection projects. This will support the research, monitoring, treatment, and source water protection of emerging contaminants of concern that are a part of public water systems serving small and/or disadvantaged communities.							
STRATEGIC PLAN LINKAGE		GOAL 2: "Take Decisive Action to Advance Environmental Justice and Civil Rights," Objective 2.1 "Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels," and Objective 2.2 "Embed Environmental Justice and Civil Rights into EPA's Programs, Policies, and Activities." Projects within this proposed workplan, such as sampling and monitoring of PFAS within distribution systems and installing treatment technologies at drinking water treatment plants, aims to determine and reduce emerging contaminant presence in drinking water in small or disadvantaged communities, which furthers Objective 2.1 and Objective 2.2 of Goal 2 in the EPA Strategic Plan. GOAL 5: "Ensure Clean and Safe Water for All Communities," Objective 5.1 "Ensure Safe Drinking Water and Reliable Water Infrastructure." Plans to construct or improve drinking water-related infrastructure are a part of this workplan, including building a new laboratory to analyze PFAS compounds in drinking water. These infrastructure projects helps to make drinking water safer for the public, thus advances Objective 5.1 of Goal 5 of the EPA Strategic Plan.							
SDC List	List of Public Water systems	To be determined, as sample results are received.							
	Small and/or disadvantaged statutory criteria	Nevada's definition of Disadvantaged: NAC 445A.675245 "Disadvantaged community" means an area in which , as compared to other communities in this State, residents disproportionately experience economic, environmental or health issues, including, without limitation, high rates of poverty or unemployment. PWSs determined above serve communities that will meet the NDEP's definition of a "disadvantaged community" 572 of 593 PWSs in Nevada serve fewer than 10,000 people, which meets the statutory criteria of "small" under SDWA 1459A.							
	Justice40 reporting metrics	i. Number and location of small or disadvantaged communities receiving assistance: To be determined as specific projects are implemented. Note that 572 of 593 PWSs are small. ii. Total dollar amount of assistance to small or disadvantaged communities: \$9,457,000 iii. Number of communities evaluated for EC detections of concern: Statewide, all public water systems will be evaluated--approximately 593 Public Water Systems (PWSs) of which 572 are Small PWSs. iv. Number of treatment projects or activities to reduce emerging contaminants in drinking water: To be determined as sample results are received and projects are implemented. v. Number of projects specifically address PFAS : All Eligible Activities may be used to address PFAS							
	Emerging Contaminants Impacting	PFAS, Manganese, Legionella, Helicobacter pylori, Mycobacterium abscessus and Mycobacterium avium							
	Technical Assistance Needed	Providing training to NDEP staff on cross-cutter requirements and how to ensure contractors and subgrantees meet and document requirements. Providing training to NDEP grant manager and project officers on how to comply with the grant requirements. Establishing an Engineering Contract with the U.S. EPA may be a need in order to expedite the development of program capacity, depending on PFAS analytical results from 2023 UCMRS and NDEP contract.							
ROLES AND RESPONSIBILITIES		NDEP will develop, issue, manage and monitor contracts and subgrants for the activities identified below. NDEP will utilize the SRF definition of Disadvantaged Communities to identify project priorities. NDEP will provide Quality Assurance Project Plan (QAPP) to EPA for review and approval. NDEP will provide semiannual and annual reports as required by the grant. Contractors and Subgrantees will be responsible for implementing the activities identified below per the individual contract terms and conditions.							
PROGRAMMATIC PRIORITIES AND STRATEGIC PLAN GOALS		Projects outlined in this workplan aim to advance Environmental Justice and Civil Rights and to ensure safe drinking water and reliable water infrastructure by: 1. Addressing emerging contaminants in drinking and/or source waters. 2. Minimizing potential public health risks from emerging contaminants in the future. 3. Developing strategies and resources to communicate with the public regarding emerging contaminants. 4. Performing research on analytical methods that will assist in monitoring treatment systems and microbial contaminants in the distribution system. 5. Developing laboratory capacity for PFAS analysis inside the State. 6. Providing training to water operators. 7. Updating Source Water Protection Plans to address emerging contaminants and identify projects to protect drinking water sources from emerging contaminants. 8. Assisting water systems in achieving and maintaining SDWA requirements by providing Professional Engineering Services.							
ELIGIBLE ACTIVITIES		TIMELINE FFY 2022 GRANT	MILESTONES	BUDGET NARRATIVE	ENVIRONMENTAL RESULTS		REPORTING		Additional Comments
					Outputs	Outcomes	SEMIANNUAL	ANNUAL	
YEAR 1 (FFY22)									
1	PFAS SAMPLING AND ANALYSIS Collect samples from all Entry Points to the Distribution System for all regulated public water systems (PWSs) to characterize the extent of PFAS detections throughout Nevada. In addition, collect samples for small and disadvantaged communities to address initial monitoring requirements under the Proposed PFAS Rule. Completing initial monitoring will be used to: 1) Develop a Risk Assessment Tool. 2) Identify PWSs that will be required to take additional steps to comply with PFAS standards and provide resources to help PWSs address PFAS exceedances. 3) Identify private well owners that may benefit from a facilitated discussion regarding alternative drinking water sources (e.g., consolidation, new PWS, other).								
	Hire contractor to collect one sample at each entry point to the distribution system (EPTDS) for all PWSs. The data will be used to characterize PFAS concentrations across the State.		10/01/2023 - 06/30/2024	Issue contract and complete sampling.	\$524,000	Contract issued. To quantify the number of PWSs and Small and Disadvantaged (SDC)affected by PFAS exposure via their drinking water supply. # of EPTDS samples/Total # of EPTDS # of Small and Disadvantage Communities (SDC)/Total # SDCs # of PWSs with PFAS detections/Total # PWSs	To determine areas of the State that are at risk of PFAS contamination and location of small and disadvantaged communities that are impacted, allowing NDEP to target resources to communities most in need of assistance and advance equity.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:	
	As part of the above contract, cover the costs for PWSs ongoing PFAS sampling and analysis to align with monitoring requirements under the PFAS Rule.		01/01/2024- 12/33/2024	Sending sampling kits to PWSs and receiving samples to be analyzed	\$576,000	To assist SDC PWSs with technical assistance and analytical costs to complete initial PFAS monitoring, which may be used for grandfathering of data under the PFAS Rule. To quantify the number of PWSs and SDCs that will need capital improvements to address PFAS compliance. # of PWSs completed PFAS initial monitoring/# of PWSs required to perform initial PFAS monitoring. List of PWSs that are above PFAS Rule standards. # of SDC PWSs needing capital improvement comply with PFAS Rule. Total # of PWSs needing capital implement to comply with PFAS Rule.	To decrease the financial burden of small and/or disadvantaged water systems to conduct PFAS monitoring.		
	Hire contractor to conduct PFAS sampling at private wells in the proximity of local public utilities across the State. The data will be used to characterize PFAS concentrations across the State.		10/01/2023 - 12/31/2024	Issue contract and complete sampling.	\$524,000	To quantify the number of communities affected by PFAS exposure via their drinking water supply and determine if there is a need to discuss alternative water supplies (e.g., consolidate with local utility, create new PWS, others). List of private well communities impacted by PFAS, their proximity to existing PWS, and to the approximate # of private wells in the area.	To determine areas of the State that are at risk of PFAS contamination and determine whether individual private well owners may benefit from discussions regarding alternative supplies of drinking water, allowing NDEP to target resources to communities most in need of assistance and advance equity.		
Total					\$1,624,000				

2	PFAS SAMPLING AND ANALYSIS Collect samples from private wells through a subgrant with local health districts to characterize the extent of PFAS in the area. Monitoring will be used to: 1) Characterize the impact of emerging contaminants to private wells. 2) Develop a Risk Assessment Tool. 3) Identify private well owners that may benefit from a facilitated discussion regarding alternative drinking water sources (e.g., consolidation, new PWS, other).								
	Provide interlocal agreement (i.e., subgrant) to conduct PFAS sampling at private wells in the proximity of areas with PFAS NAICS, known Mn contamination, and legionella detections.	10/01/2023 - 12/31/2024	Issue contract and complete sampling.	\$524,000	To quantify the number of communities affected by PFAS exposure via their drinking water supply and determine if there is a need to discuss alternative water supplies.	To determine areas of the State that are at risk of PFAS contamination and determine whether individual private well owners may benefit from discussions regarding alternative supplies of drinking water, allowing NDEP to target resources to communities most in need of assistance and advance equity.	Status of Interlocal Agreement (ILA): Name of ILA recipient: ILA Timeframe: ILA award amount: Summary of Activities once ILA Approved:		
	Total			\$524,000					
3	SOURCE WATER ACTIVITIES: PFAS HYDROGEOLOGIC AND HYDROLOGIC RISK ASSESSMENT DEVELOPMENT The risk assessment tool will be used to: 1) Identify Source Water Protection Areas that may be impacted by PFAS. 2) Identify areas where public water systems may seek better water quality should their wells show detections of PFAS. 3) Prioritize areas in the Nevada that may warrant further assistance and investigation. 3) Communicate with the public on PFAS contamination.								
	Hire contractor to create a risk assessment tool to determine the extent of PFAS contamination, potential sources of contamination, and flows of contamination. Priority risk assessment areas will be based on PFAS detections.	10/01/2023 - 9/30/2025	Issue contract and develop risk assessment tool.	\$315,000	To quantify the number of Drinking Water Protection Areas that are modeled.	To determine areas of the State that are at risk of PFAS contamination and location of small and disadvantaged communities that are impacted, allowing NDEP to target resources to communities most in need of assistance and advance equity.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:		
	As part of the above contract, cover the ongoing cost to maintain and calibrate the risk assessment tool as sample results are received.	10/01/2025 - 9/30/2027	Add new sample results to the tool and calibrate as needed.	\$210,000	To quantify the number of Drinking Water Protection Areas that are modeled.	To determine areas of the State that are at risk of PFAS contamination and location of small and disadvantaged communities that are impacted, allowing NDEP to target resources to communities most in need of assistance and advance equity.			
	TOTAL			\$525,000					
4	PUBLIC COMMUNICATION: DEVELOP WEB-BASED MAP OF PFAS RESULTS The mapping will be used to communicate with the public and provide a resource to the community as PFAS sample results and research are performed in Nevada.								
	Hire a contractor to design a web-based public facing platform to display PFAS results, which may include an interactive map.	10/01/2023 - 04/01/2024	Contract issued. Beta version of platform developed. Platform active.	\$ 50,000.00	Contractor hired. Testing completed. Platform active.	To increase public transparency regarding PFAS sample results.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:		
	Maintain map through end of contract.	04/01/2024 - 09/30/2028	Quarterly updates of the map provided, at minimum.	\$ 75,000.00	Quarterly updates documented.	To provide public transparency on a routine basis.			
	Contractor to develop procedures and train agency staff on how to use and update the web-based platform.	10/01/2027 - 09/30/2028	Procedures developed and staff trained.	\$ 10,000.00	Procedures developed. Staff training started. Staff training complete.	To develop agency staff capacity to maintain web-based platform.			
TOTAL			\$135,000						
5	TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING Public Water Systems (PWSs) will be taught how to properly collect PFAS samples. Operators will be instructed in the usage of field blanks and how to prevent interferences introduced during sample collection.								
	Hiring contractors to train Small and Disadvantaged PWSs on the collection of PFAS samples.	10/01/2023 - 09/30/2027	Training materials developed.	\$ 100,000.00	# of contractors hired # of PWSs and Operators trained # of Small and Disadvantaged Communities trained	To develop and provide training materials for PWS operators and samplers.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:		
	TOTAL			\$100,000					

6	TECHNICAL ASSISTANCE-LABORATORY EQUIPMENT AND TRAINING Purchase equipment and provide one staff position for the Nevada State Health Lab to analyze PFAS and provide laboratory capacity for small and disadvantaged public water systems in Nevada. An additional benefit will be to provide a local training venue for NDEP Laboratory Certification Officers to train on the PFAS analytical procedures.							
	Equip State Health Lab to extract and analyze environmental and drinking water samples for PFAS (solid phase extraction(SPE) followed by liquid chromatography/dual mass spectroscopy (LC/MS/MS) analysis).	10/01/2023 - 06/30/2024	Equipment ordered, purchased, and delivered.	\$ 46,200 (SPE) + \$441,500 (LC/MS/MS)	Equipment delivered and set up.	To develop local capacity for analyzing ECs in drinking water.	Status of Interlocal Agreement (ILA): Name of ILA recipient: ILA Timeframe: ILA award amount: Summary of Activities once ILA Approved:	
	Hiring new laboratory staff Chemist (Grade 34 Step 5) annually for contract period of 5 years.	10/01/2023 - 09/30/2028	Hiring and onboarding new employee to carryout laboratory activities	\$325,000.00	Dates new employee hired and trained. # PFAS analyses completed at NSHL # of NDEP-BSDW staff hours spent training on PFAS at NSHL	To develop local capacity for analyzing ECs in drinking water. Allow for training of Laboratory Certification Officers at NDEP to train on the equipment.		
	TOTAL			\$812,700.00				
7	TECHNICAL ASSISTANCE-FACILITATE CONSOLIDATION DISCUSSION Through the provision of a contractor, a facilitator will work with small and disadvantaged communities to determine the most viable solution to address emerging contaminants (e.g., PFAS, Manganese, ...). The process will allow for open dialogue to address short and long-term financial, regulatory, and local considerations that will impact chosen alternatives. Solutions may include treatment, consolidation with a local utility, abandoning private wells, developing an alternate water source, or others. Based on the chosen solution, the local communities will take responsibility for the chosen alternative.							
	Hiring contractor(s) to facilitate discussion between local utilities and small and/or disadvantaged public water systems and private well owners regarding consolidation to address ECs, including Manganese and PFAS.	10/01/2023 - 09/30/2027	Contract issued. Meetings facilitated.	\$ 400,000.00	Contractor(s) hired for specific small and disadvantaged communities. Action Plan developed.	Small and Disadvantaged communities engage in dialogue at the local level regarding consolidation where feasible to improve public health protection.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:	
	TOTAL			\$400,000.00				
8	RESEARCH-PFAS MONITORING Research PFAS surrogate analytical methods to economically characterize when treatment media needs to be scheduled for replacement.							
	Issuing subaward/subgrant to University of Nevada, Reno to develop an analytical method to monitor PFAS treatment in water treatment plants. Development of a PFAS grab sampling, in-line or on-line surrogate monitor for GAC/Ion exchange breakthrough.	10/01/2023 - 09/30/2024	Issue subgrant. Contractor performs site characterization. TOF/PFAS correlation identified. Design, build, and operate rapid small scale column tests with commercially available GAC and IX and PFAS mixtures spiked to water. Measure PFAS in effluent of scaled columns via traditional methods (LC-MS/MS) and total organofluorine.	\$ 437,000.00	Demonstrate correlation between PFAS in Ion-Exchange (IX) and Granular Activated Carbon (GAC) effluents and total organofluorine (TOF). Develop total organofluorine method adapted from batch to on-line detection for GAC/IX PFAS-breakthrough monitoring. IX resin bed/GAC breakthrough monitored real-time via TOF surrogate.	Decrease risk to public health by developing a method to correlate PFAS breakthrough in a treatment system prior to PWS violation.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:	
	TOTAL			\$437,000.00				
9	RESEARCH-LEGIONELLA MONITORING Research Legionella methods in public water systems to better understand the occurrence of viable but not culturable (VBNC) Legionella in distribution systems and premise plumbing. Additionally, the research will look at additional methods and their effectiveness of use in a public water system environment.							
	Issuing contract or subgrant to research entity to deploy a shorter timeframe and more sensitive Legionella Method (PCR) in a public water system environment that detects all Legionella spp., including viable but not culturable (VBNC) organisms. Collect data on chlorine residual values and sample point location.	10/01/2023 - 09/30/2025	Contract/Subgrant issued. PWS trained to collect samples for analysis at contract laboratory. Analytical results collected.	\$ 30,000.00	Laboratory Report detailing presence/absence of Legionella spp. # of Samples Collected # of Samples present for Legionella Table of results to include Legionella result, time from collection to result, chlorine residuals and sample point type	To better understand the extent of Legionella contamination by researching data on VBNC in public water system environment.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:	
	Deploy a procedure to measure presence/absence of Legionella by using Enzyme substrate tests. Collect data on chlorine residual values and sample point location.	10/01/2023 - 09/30/2025	Deployment of test kits to PWS.	\$ 17,500.00	Presence/Absence of Legionella in PWS. # of Samples Collected # of Samples present for Legionella Table of results to include Legionella result, time from collection to result, chlorine residuals and sample point type	To provide a comparison to the VBNC method.		
	Prepare a report that compares the deployment of methods in a public water system environment, including the ease of use, accuracy, turn around time, etc. Compare the Legionella detections to chlorine residual values and sample point locations.	10/01/2023 - 09/30/2025	Contract/Subgrant issued. PWS trained to collect samples for analysis at contract laboratory. Analytical results collected.	\$ 40,000.00	Comparison report issued.	Provide documentation on the comparison of Legionella methods, their ease of use in a PWS environment, and locational information (e.g., chlorine residual, sample point information) to inform the science of public water system distribution water quality.		
TOTAL			\$87,500.00					

RESEARCH-BACTERIA MULTIPLEX PCR ASSAY									
10	Issuing subgrant to develop a multiplex bacteria PCR Assay including Legionella, Helicobacter pylori, Mycobacterium abscessus and Mycobacterium avium.	10/01/2023 - 09/30/2028	Contract/Subgrant issued. Multiplex parameters determined. Method developed.	\$ 100,000.00	Subgrant issued. Multiplex PCR assay developed.	Provide PWSs and private homeowners with the ability to assess their drinking water for these bacteriological ECs through the collection and analysis of one water sample. This will provide analytical cost savings to the public and allow the public a method to better characterize their water quality.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:		
	Test method in PWS distribution system. Bacteria multiplex PCR Assay to include Legionella, Helicobacter pylori, Mycobacterium abscessus, and Mycobacterium avium. Document chlorine residual and sample point location.	10/01/2023 - 09/30/2028	Deploy multiplex PCR assay in PWS environment and compare results to source water.		Multiplex PCR assay tested in PWS distribution system. Develop report/paper on the research and benefits and ease of use in PWSs.	Provide PWSs and private homeowners with a method an analytical method that does not currently exist to assess water quality for these bacteriological ECs. Provide research on the detection of the bacteria and correlate it with chlorine residual and sample point location.			
TOTAL				\$100,000.00					
SOURCE WATER PROTECTION-UPDATE PLANS TO INCLUDE EMERGING CONTAMINANTS (e.g., PFAS, Manganese, Legionella)									
Review existing Source Water Protection Plans (SWP) with local communities, and update the plans to address Emerging Contaminants (ECs). This will provide additional opportunities for dialogue among local planning agencies to address ECs in their communities and to identify projects that would protect their drinking water from ECs.									
11	Hiring contractors to update source water protection plans to include EC's (e.g., PFAS, Mn, Legionella).	10/01/2023- 9/30/2024	List of plans to be updated Issue contract	\$ 240,000.00	Contract issued with existing NDEP Staff resources.	Contract awarded.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:		
	Update plans to address EC's.	10/01/2023 - 9/30/2028	Outreach to communities Schedule updates Begin plan updates Finalize plan updates		1. # of Small and Disadvantaged Communities (SDC) with SWPP that include ECs/Total # of SWPP 2. List of EC SWP projects and estimated cost to implement	Local planning agencies review existing Source Water Protection plans and incorporate emerging contaminants into the plans.			
TOTAL				\$240,000					
EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS (e.g., PFAS, Mn)									
Provide an emergency mitigation and response tool to small and disadvantaged communities to respond to contamination above health standards. For the purpose of this activity, health standards are Health Advisory Levels unless a Maximum Contaminant Level or Health Index value exists for the contaminant. To the extent possible under this contract, alternative supplies of water will be provided while other supplies of water are being identified.									
12	Issue contract(s) to investigate source contamination, including additional water quality sampling to determine the extent of contamination.	01/01/2024- 04/30/2024	Contract issued. Investigative sampling initiated and completed.	\$ 1,000,000.00	# of small and disadvantaged communities assisted with determining locations for non-contaminated water.	To decrease the financial burden of small and/or disadvantaged water systems to conduct investigative monitoring.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:		
	Issue contract(s) to provide household pitcher filters or similar treatment option to address known contamination. PFAS above the proposed MCL or Mn above the HA.	01/01/2024- 04/30/2024	Contract issued. Households with PFAS or Mn levels above the health standards identified. Households alternative supplies of water (e.g., bottled water, provided pitcher filters and replacement cartridges,...).	\$ 700,000.00	# of households in small or disadvantaged communities provided access to alternative water and type of alternative water provided.	To decrease the financial burden to small and/or disadvantaged communities in gaining access to alternative supply of water while PWS can install treatment or find a new source of water.			
TOTAL				\$1,700,000					
DEVELOP PRELIMINARY ENGINEERING REPORTS TO ADDRESS EMERGING CONTAMINANTS (ECs)									
Provide engineering services to develop PERs for small and disadvantaged communities to respond to ECS above health standards. For the purpose of this activity, health standards are Health Advisory Levels unless a Maximum Contaminant Level or Health Index value exists for the contaminant.									
13	Contract(s) (2/3)/Subgrants (1/3) with Nevada Licensed Professional Engineer(s) and/or Public Water Systems to develop PERs for Small and Disadvantaged Communities with Emerging Contaminant levels above health standards.	10/01/2023 - 09/30/2028	Contract(s)/Subgrants issued Communities identified for PER Contaminant(s) to be addressed in PER PER started PER submitted PER finalized	\$500,000	List of Contractor(s)/Subgrantees # of SDC assisted with PERs # of PER projects started and completed Preferred alternative for each PER Cost of each PER	To provide professional engineering services to SDC to address ECs above the health standard.	Status of Contract/Subgrant: Name of Contractor/Subgrantee: Contract/Subgrant Timeframe: Contract/Subgrant award amount: Summary of Activities once Contract/Subgrant Approved:		
TOTAL				\$500,000					

DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECs)									
Provide engineering services to develop and construct water projects for small and disadvantaged communities (SDCs) to respond to ECs above health standards. For the purpose of this activity, health standards are Health Advisory Levels unless a Maximum Contaminant Level or Health Index value exists for the contaminant.									
14	Contracts (2/3)/Subgrants (1/3) with Nevada Licensed Professional Engineer(s) and or Public Water Systems to develop and completed water projects for small or disadvantaged communities to address emerging contaminants above health standards. Projects may include treatment, new sources, and consolidation, others as approved.	10/01/2023 - 09/30/2028	Contract(s)/subgrant(s) issued Communities identified for Water Project Contaminant(s) to be addressed by Water Project Water Project started Water Project submitted Water Project approved for construction Water Project completed & permitted	\$ 2,136,800.00	List of Contractor(s)/Subgrantee(s) # of SDC assisted with Water Projects # of Water Projects started and completed Water Project Type (e.g., consolidation, treatment, new source,...) Cost of each Water Project	To provide professional engineering services and construction financing to SDCs to address ECs above the health standard.	Status of Contract/Subgrant: Name of Contractor/Subgrantee: Contract/Subgrant Timeframe: Contract/Subgrant award amount: Summary of Activities once Contract/Subgrant Approved:		
TOTAL				\$2,136,800					
PFAS ACTION PLAN UPDATE									
Update plan annually to include the state of the science, new research and PFAS detections in Nevada.									
15	Update PFAS Action Plan annually for three years after the PFAS Rule is promulgated.	10/01/2023 - 09/30/2026	Annual updates posted to website	\$135,000	Update the status of PFAS contamination annually. Identify next steps to address PFAS in Nevada on an annual basis. Provide updates to the public on annual trends, actions taken, and next steps.	To provide a formal process to review the PFAS Action Plan annually and prioritize activities for the coming year until the PFAS Rule is effective.	Status of Contract: Name of Contractor: Contract Timeframe: Contract award amount: Summary of Activities once Contract Approved:		
TOTAL				\$135,000					
YEAR 1 Total				\$	9,457,000.00				