					WORKPLAN: Emerging Contaminants in Small ar	d Disadvantaged Communities Grant		
	based PFAS map, provide technical assistar	nce to water operat	ors, update Source Water Protection	n plans, provide emergency mitig		n), Title VI – State and Tribal Assistance Grants (6), Nevada Division of Enviror ring reports, construct water projects, update the PFAS Action Plan, provide tems serving small and/or disadvantaged communities.		
STRATEGIC PLAN LINKAGE	Projects within this proposed workplan, su GOAL 5: "Ensure Clean and Safe Water for	ke 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 in 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 communi sure Clean and Safe Water for All Communities," Objective 5.1 "Ensure Safe Drinking Water and Reliable Water Infrastructure." struct 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						
	List of Public Water systems	To be determined	, as sample results are received.					
	Small and/or disadvantaged statutory criteria	PWSs determined	above serve communities that will r	meet the NDEP's definition of a "	· · ·	es in this State, residents disproportionately experience economic, environme	ental or health issues, including, w	
SDC List	Justice40 reporting metrics	ii. Total dollar aniii. Number of coiv. Number of tree	nount of assistance to small or disade mmunities evaluated for EC detection	vantaged communities: \$9,457,0 ns of concern: Statewide, all pub ice emerging contaminants in dri	ic water systems will be evaluatedapproximately 593 Publ nking water: To be determined as sample results are receive	ic Water Systems (PWSs) of which 572 are Small PWSs.		
	Emerging Contaminants Impacting	PFAS, Manganese	, Legionella, Helicobacter pylori, My	cobacterium abscessus and Myco	bacterium avium			
	Technical Assistance Needed	Providing training	to NDEP grant manager and project	officers on how to comply with		FAS analytical results from 2023 UCMR5 and NDEP contract.		
ROLES AND RESPONSIBILITIES	NDEP will develop, issue, manage and mon Contractors and Subgrantees will be respon		0			t priorities. NDEP will provide Quality Assurance Project Plan (QAPP) to EPA	for review and approval. NDEP wil	
PROGRAMMATIC PRIORITIES AND STRATEGIC PLAN GOALS	Projects outlined in this workplan aim to ar 1. Addressing emerging contaminants in dr 2. Minimizing potential public health risks: 3. Developing strategies and resources to c 4. Performing research on analytical methor 5. Developing laboratory capacity for PFAS 6. Providing training to water operators. 7. Updating Source Water Protection Plans 8. Assisting water systems in achieving and	rinking and/or sour from emerging con communicate with ods that will assist i analysis inside the to address emergi	ce waters. taminants in the future. the public regarding emerging contain n monitoring treatment systems and State. ng contaminants and identify project	minants. I microbial contaminants in the d ts to protect drinking water sour	istribution system. ces from emerging contaminants.			
				BUDGET	EN	/IRONMENTAL RESULTS		
ELIGIBLE ACT	TIVITIES	TIMELINE FFY 2022 GRANT	MILESTONES	NARRATIVE	Outputs	Outcomes	SEMIANNUAL	
YEAR 1 (FFY22)								
PFAS SAMPLING AND ANALYSIS	;							

		BUDGET	ENVIRO	NMENTAL RESULTS	REP	ORTING	
ELIGIBLE ACTIVITIES	TIMELINE MILESTONES FFY 2022 GRANT	NARRATIVE	Outputs	Outcomes	SEMIANNUAL	ANNUAL	Additional Comments
PFAS SAMPLING AND ANALYSIS Collect samples from all Entry Points to the Distribution System for all regu 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 wi 3) Identify private well owners that may benefit from a facilitated discussio	h PFAS standards and provide resources to help PWSs	address PFAS exceedances.	ghout Nevada. In addition, collect samples for small and disadvant	aged communities to address initial monitoring requirements under the			
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 - Issue contract and complete 06/30/2024 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 prod of scriptore and advance equipy	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- Sending sampling kits to PWSs and 12/33/2024 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 PFA 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 - Issue contract and complete 12/31/2024 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 e most in need of assistance and advance equity.			
Total			\$1,624,000				

oposes to use \$18,914,000 to conduct PFAS sampling and analysis, develop a PFAS risk assessment tool, develop a web-FAS analysis at the primacy lab, provide research on PFAS surrogate, Legionella and bacteria analysis, and implement

ities."

nunities, which furthers Objective 2.1 and Objective2.2 of Goal 2 in the EPA Strategic Plan.

of the EPA Strategic Plan.

g, without limitation, high rates of poverty or unemployment.

will provide semiannual and annual reports as required by the grant.

	PFAS SAMPLING AND ANALYSIS Collect samples from private wells through a subgrant with local health distu 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						
2	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 Agreemen Name of ILA recipient: ILA Timeframe: ILA award amount: Summary of Activities once II
	Total				\$524,000		
	SOURCE WATER ACTIVITIES: PFAS HYDROGEOLOGIC AND HYDROLOGIC RIS 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 3) Prioritize areas in the Nevada that may warrant further assistance and inv 3) Communicate with the public on PFAS contamination.	should their wells					
3	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 C 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		
	PUBLIC COMMUNICATION: DEVELOP WEB-BASED MAP OF PFAS RESULTS The mapping will be used to communicate with the public and provide a res	ource to the com	nunity as PFAS sample results and re	search 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 C Approved:
4	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		
	TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING Public Water Systems (PWSs) will be taught how to properly collect PFAS sar	mples. Operators	will be instructed in the usage of field	I blanks and how to prevent interfe	erences introduced during sample collection.		
5	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 C Approved:
	TOTAL				\$100,000		

opt (II A):	
ent (ILA):	
ILA Approved:	
Contract	
Contract	
Contract	

	TECHNICAL ASSISTANCE-LABORATORY EQUIPMENT AND TRAINING Purchase equipment and provide one staff position for the Nevada State Hea to train on the PFAS analytical procedures.	alth Lab to analyze	PFAS and provide laboratory capaci	ty for small and disadvantaged put	plic water systems in Nevada. An additional benefit will be to pro	wide a local training venue for NDEP Laboratory Certification Officers	
6	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 Agreeme Name of ILA recipient: ILA Timeframe: ILA award amount: Summary of Activities once I
	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		
	TECHNICAL ASSISTANCE-FACILITATE CONSOLIDATION DISCUSSION Through the provision of a contractor, a facilitator will work with small and c regulatory, and local considerations that will impact chosen alternatives. Sol chosen alternative.						
7	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 C Approved:
	TOTAL				\$400,000.00		
	RESEARCH-PFAS MONITORING Research PFAS surrogate analytical methods to economically characterize wl	hen treatment me	dia needs to be scheduled for replac	ement.			
8	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/lon 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 organofuorine.	\$ 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 C Approved:
	TOTAL				\$437,000.00		
	RESEARCH-LEGIONELLA MONITORING Research Legionella methods in public water systems to better understand t environment.	he occurrence of	viable but not culturable (VBNC) Legi	onella in distribution systems and	premise plumbing. Additionally, the research will look at additic	anal methods and their effectiveness of use in a public water system	
	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 C Approved:
9	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 PWSs.	\$ 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		

ent (ILA):	
ILA Approved:	
Contract	
I	
Contract	
Contract	

	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 Co 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 CON Review existing Source Water Protection Plans (SWP) with local communities protect their drinking water from ECs.			ants (ECs). This will provide additio	onal opportunities for dialogue among local planning agencies to	address ECs in their communities and to identify projects that would	
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 Co 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 EMERG Provide an emergency mitigation and response tool to small and disadvantag contaminant. To the extent possible under this contract, alternative supplies	ged communities	to respond to contamination above h		of this activity, health standards are Health Advisory Levels unle	is a Maximum Contaminant Level or Health Index value exists for the	
	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 Co Approved:
12	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 C Provide engineering services to develop PERs for small and disadvantaged co		pond to ECS above health standards.	For the purpose of this activity, h	ealth standards are Health Advisory Levels unless a Maximum Co	ntaminant 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/Subgrani Contract/Subgrant Timeframe Contract/Subgrant award am Summary of Activities once Contract/Subgrant Approved:
	TOTAL				\$500,000		

Contract	
Contract	
Contract	
: ntee:	
ne: nount:	
d:	

·									
	DEVELOP AND COMPLETE WAT Provide engineering services to exists for the contaminant.			• •	aged communities (SDCs) to respond	to ECs above health standards. Fo	r the purpose of this activity, health standards are Health Adviso	ory Levels unless a Maximum Contaminant Level or Health Index value	
14	Contracts (2/3)/Subgrants (1/3) Engineer(s) and or Public Water projects for small or disadvanta contaminants above health stan sources, and consolidation, othe	Systems to develo ged communities idards. Projects m	op and completed water to address emerging	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 submitted 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/Subgran Contract/Subgrant Timefram Contract/Subgrant award am Summary of Activities once Contract/Subgrant Approved
	TOTAL						\$2,136,800		
	PFAS ACTION PLAN UPDATE Update plan annually to include	the state of the s	cience, new research and	PFAS detections ir	Nevada.				
15	Update PFAS Action Plan annual promulgated.	lly for three years	after the PFAS Rule is	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 C Approved:
	TOTAL						\$135,000		
YEAR 1 Total						\$		9,457,000.00	

t: intee: me: mount: id:	
Contract	

					WORKPLAN: Emerging Contaminants in Small ar	d Disadvantaged Communities Grant				
OJECT SUMMARY AND OVERALL APPROACH	develop a web-based PFAS map, provide t	technical assistance to wa	ater operators, update Source W	Vater Protection plans,	provide emergency mitigation and response resources, develo	priation), Title VI – State and Tribal Assistance Grants (6), Nevada Division p preliminary engineering reports, construct water projects, update the at are a part of public water systems serving small and/or disadvantage	e PFAS Action Plan, provide equipment and st	ses to use \$18,914,000 to conduct PFAS sar affing for PFAS analysis at the primacy lab, J	mpling and analysis, develop a PFAS risk assessment tool, provide research on PFAS surrogate, Legionella and bacte	
						Levels," and Objective 2.2 "Embed Environmental Justice and Civil Righ aims to determine and reduce emerging contaminant presence in drin			jective2.2 of Goal 2 in the EPA Strategic Plan.	
STRATEGIC PLAN LINKAGE	GOAL 5: "Ensure Clean and Safe Water for Plans to construct or improve drinking wa					infrastructure projects helps to make drinking water safer for the pub	lic, thus advances Objective 5.1 of Goal 5 of th	ne EPA Strategic Plan.		
	List of Public Water systems	To be determined, as sa	ample results are received.							
	Small and/or disadvantaged statutory criteria	PWSs determined above	e serve communities that will n	meet the NDEP's definit	ion of a "disadvantaged community"	nunities in this State, residents disproportionately experience economi	c, environmental or health issues, including, w	vithout limitation, high rates of poverty or ι	unemployment.	
SDC List	Justice40 reporting metrics	i. Number and location ii. Total dollar amount iii. Number of commun iv. Number of treatmen	n of small or disadvantaged com of assistance to small or disadv nities evaluated for EC detection	nmunities receiving assi vantaged communities: ns of concern: Statewide ce emerging contamina	e, all public water systems will be evaluatedapproximately 59 nts in drinking water: To be determined as sample results are r	3 Public Water Systems (PWSs) of which 572 are Small PWSs.				
	Emerging Contaminants Impacting Systems	PFAS, Manganese, Legic	onella, Helicobacter pylori, Myc	cobacterium abscessus a	and Mycobacterium avium					
	Systems Providing training to NDEP staff on cross-cutter requirements and how to ensure contractors and subgrantees meet and document requirements. Technical Assistance Needed 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 UCMR5 and NDEP contract.									
ROLES AND RESPONSIBILITIES	NDEP will develop, issue, manage and mo Contractors and Subgrantees will be respo					project priorities. NDEP will provide Quality Assurance Project Plan (Q	APP) to EPA for review and approval. NDEP wi	ill provide semiannual and annual reports a	is required by the grant.	
OGRAMMATIC PRIORITIES AND STRATEGIC	 Minimizing potential public health risks Developing strategies and resources to Providing training to water operators 			minants.						
PLAN GOALS	 Assisting water systems in achieving an 	d maintaining SDWA requ	uirements by providing Professi	ional Engineering Servic		NMENTAI RESUITS	REPO	IRTING		
	8. Assisting water systems in achieving an	TIMELINE	uirements by providing Profession of the second secon	BUDGET		NMENTAL RESULTS	REPO	RTING	- Additional Comments	
PLAN GOALS	8. Assisting water systems in achieving an			BUDGET		NMENTAL RESULTS Outcomes	REPO	RTING	Additional Comments	
PLAN GOALS	8. Assisting water systems in achieving an	TIMELINE		BUDGET	ENVIRO				Additional Comments	
PLAN GOALS ELIGIBLE AC AR 2 (FFY23) ADMINISTRATIVE COSTS	8. Assisting water systems in achieving an	TIMELINE FFY 2024 GRANT		BUDGET	ENVIRO				Additional Comments	
PLAN GOALS ELIGIBLE AC AR 2 (FFY23) ADMINISTRATIVE COSTS Provide personnel support to a Split adminstrative costs 50/50	8. Assisting water systems in achieving an	TIMELINE FFY 2024 GRANT		BUDGET NARRATIVE	ENVIRO				Additional Comments	
PLAN GOALS ELIGIBLE AC AR 2 (FFY23) ADMINISTRATIVE COSTS Provide personnel support to a Split adminstrative costs 50/50 Temporary Contracted Employe	8. Assisting water systems in achieving an TIVITIES dminster the grant and associated subgrant between an NDEP Employee and	TIMELINE FFY 2024 GRANT ts/contracts.		BUDGET NARRATIVE	Envirol Outputs Employee(s) Assigned to Project Projects Assigned	Outcomes			Additional Comments	
PLAN GOALS ELIGIBLE AC AR 2 (FFY23) AR 2 (FFY23) I ADMINISTRATIVE COSTS Provide personnel support to a Split adminstrative costs 50/50 Temporary Contracted Employs subgrant/contract reviews. 1 TOTAL DEVELOP PRELIMINARY ENGIN	B. Assisting water systems in achieving an TIVITIES dminster the grant and associated subgrant between an NDEP Employee and se to adminsiter financial and/or technical EERING REPORTS AND PERFORM ENVIRON	TIMELINE FFY 2024 GRANT ts/contracts. 10/01/2024 - 09/30/2029	MILESTONES	BUDGET NARRATIVE \$ 945,700.00	Employee(s) Assigned to Project Projects Assigned Monthly Expenses \$945,700	Outcomes	SEMIANNUAL SEMIANNUAL Status of Hiring: Name of Temporary Employee: Hourly Rate per Employee: Hired:		Additional Comments	
PLAN GOALS ELIGIBLE AC AR 2 (FFY23) AR 2 (FFY23) ADMINISTRATIVE COSTS Provide personnel support to a Split adminstrative costs 50/50 Temporary Contracted Employe subgrant/contract reviews. 1 TOTAL DEVELOP PRELIMINARY ENGIN Provide engineering services to contaminant. Contracts (2/3)/Subgrants (1/3) Engineer(s) and or Public Wated	B. Assisting water systems in achieving an TIVITIES dminster the grant and associated subgrant between an NDEP Employee and se to adminsiter financial and/or technical EEERING REPORTS AND PERFORM ENVIROI develop PERs for small and disadvantaged with Nevada Licensed Professional Systems to develop PERs and perform ill and Disadvantaged Communities with	TIMELINE FFY 2024 GRANT ts/contracts. 10/01/2024 - 09/30/2029 VMENTAL REVIEWS TO AI communities to respond to 10/01/2024 - 12/31/2029	MILESTONES	BUDGET NARRATIVE \$ 945,700.00 \$ 945,700.00 NANTS (ECs) . For the purpose of this \$ 1,000,000.00	Employee(s) Assigned to Project Projects Assigned Monthly Expenses \$945,700	Outcomes To provide professional services in administering the grant.	SEMIANNUAL SEMIANNUAL Status of Hiring: Name of Temporary Employee: Hourly Rate per Employee: Summary of Activities once Employee Hired: Summary of Expenses:		Additional Comments	

	DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONT Provide engineering services to develop and construct water projects for su Index value exists for the contaminant.		communities (SDCs) to respond	to ECs above health sta	ndards. For the purpose of this activity, health standards are H	ealth Advisory Levels unless a Maximum Contaminant Level or Health	
3	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.	10/01/2024 - 12/31/2029	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	\$ 6,966,730.00	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/Subgrante Contract/Subgrant Timeframe: Contract/Subgrant award amou Summary of Activities once Contract/Subgrant Approved:
	TOTAL				\$6,966,730		\$
	PRIVATE WELLS Use 1% of alottment to provide services for sampling and addressing PFAS of	contamination in accord	ance with grant allowance and p	guidance.			See Below
4	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 inform private well owners of the source water qaulity.	10/01/2024 - 12/31/2029	Issue contract and complete sampling.	\$23,643	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.	Status of Contract: Name of Contractor: Contract/Subgrant Timeframe: Contract/Subgrant award amou Summary of Activities once Cor Approved, including # of wells a location that are above PFAS st
	Address PFAS contamination at private wells per future EPA guidance.	10/01/2024 - 12/31/2029	Contract(s)/subgrant(s) issued Private Well Owners Identified Project Approved by EPA Project started Project completed				Summary of Activities once Cor Approved, including project loc type:
	TOTAL				\$94,570.00		\$
	EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERG Provide an emergency mitigation and response tool to small and disadvanta exists for the contaminant. To the extent possible under this contract, alter	aged communities to re	pond to contamination above h			Levels unless a Maximum Contaminant Level or Health Index value	See Below
5	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.	10/01/2024 - 12/31/2029	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,).		# 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.	Status of Contract: Name of Contractor: Contract/Subgrant Timeframe: Contract/Subgrant award amou Summary of Activities once Cor Approved:
	TOTAL				\$350,000		\$
	TOTAL TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING Public Water Systems (PWSs) will be taught how to properly collect PFAS sa	mples. Operators will b	e instructed in the usage of field	l blanks and how to pre			\$
5	TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING	mples. Operators will b 10/01/2024 - 12/31/2029	e instructed in the usage of field Training materials developed.			To develop and provide training materials for PWS operators and samplers.	\$ Status of Contract: Name of Contractor: Contract/Subgrant Timeframe: Contract/Subgrant award amou Summary of Activities once Cor Approved:
5	TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING Public Water Systems (PWSs) will be taught how to properly collect PFAS sa Hiring contractors to train Small and Disadvantaged PWSs on the collection	10/01/2024 -			vent interferences introduced during sample collection. # of contractors hired # of PWSs and Operators trained		Name of Contractor: Contract/Subgrant Timeframe: Contract/Subgrant award amou Summary of Activities once Cor

ee:		
ount:		
-		
::		
ount: ontract and general standards:		
ontract ocation and		
	-	
e: ount: ontract		
	-	
e: punt: pntract		
-		

EC-SDC Grant

Personnel \$ 293,473.00 Fringe Benefits \$ 88,042.00 Travel \$ - Supplies \$ - Contractual: \$ 472,850.00 DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTS EMERGING CONTAMINANTS EMERGING CONTAMINANTS C(ECS) \$ 666,670.00 DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS C(ECS) \$ 4,646,809.00 PRIVATE WELLS-Address PFAS Contamination \$ 70,928.00 PRIVATE WELLS-PFAS Sampling \$ 23,642.00 EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS \$ 350,000.00 TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING \$ 100,000.00 Construction \$ - Other: - DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS CONTAMINANTS \$ 350,000.00 TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING \$ 100,000.00 Construction \$ - Other: - DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTS ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS EMERGING		•	
Fringe Benefits\$88,042.00Travel\$-Equipment\$-Supplies\$-Contractual:>-ADMINSTRATIVE CONTRACT TEMPORARY STAFF\$472,850.00DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS-EMERGING CONTAMINANTS-GEVELOP AND COMPLETE WATER PROJECT TO ADDRESS-EMERGING CONTAMINANTS-Contamination\$70,928.00-PRIVATE WELLS-Address PFAS Contamination-Contamination\$70,928.00-PRIVATE WELLS-FAGS Sampling-CONTAMINANTS SAMPLE COLLECTION-ADD RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING100,000.00Construction\$-DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-MERGING CONTAMINANTS EMERGING CONTAMINANTS-MATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-MATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-MATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-<	Dercennel		
Travel\$-Equipment\$-Supplies\$-Contractual:ADMINSTRATIVE CONTRACT\$472,850.00DEVELOP PRELIMINARY\$472,850.00DEVELOP PRELIMINARY\$-PERFORM ENVIRONMENTAL\$-REVIEWS TO ADDRESS\$666,670.00DEVELOP AND COMPLETE*-WATER PROJECT TO ADDRESS-EMERGING CONTAMINANTS-(ECS)\$4,646,809.00PRIVATE WELLS-Address PFAS-Contamination\$70,928.00PRIVATE WELLS-Address PFAS-Contamination\$23,642.00PRIVATE WELLS-PFAS-CONTAMINANTS\$Sampling\$23,642.00PRIVATE WELLS-PFAS-CONTAMINANTS\$SAMPLE COLLECTION-Construction\$-TECHNICAL ASSISTANCE-PFAS-SAMPLE COLLECTION-DEVELOP PRELIMINARY\$PERFORM ENVIRONMENTAL-REVIEWS TO ADDRESS-EMERGING CONTAMINANTS-DEVELOP AND COMPLETE-WATER PROJECT TO ADDRESS-EMERGING CONTAMINANTS-CONTAMINANTS-DEVELOP AND COMPLETE-WATER PROJECT TO ADDRESS-EMERGING CONTAMINANTS-CONTAMINANTS-DEVELOP AND COMPLETE-WATER PROJECT TO ADDRESS-			
Equipment\$-Supplies\$-Contractual:>-ADMINSTRATIVE CONTRACT TEMPORARY STAFF\$472,850.00DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-Contamination (ECS)\$4,646,809.00PRIVATE WELLS-Address PFAS Contamination-Contamination \$\$70,928.00PRIVATE WELLS-PAGS Sampling-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS \$-DEVELOP PRELIMINARY \$-DEVELOP PRELIMINARY \$-DEVELOP AND COMPLETE \$-DEVELOP AND COMPLETE \$-WATER PROJECT TO ADDRESS \$-EMERGING CONTAMINANTS \$-CONTAMINANTS \$-DEVELOP AND COMPLETE \$-MERGING CONTAMINANTS \$-CONTAMINANTS \$-CONTAMINANTS \$-			88,042.00
Supplies\$-Contractual:-ADMINSTRATIVE CONTRACT TEMPORARY STAFF\$ADMINSTRATIVE CONTRACT TEMPORARY STAFF\$SUPPLICIP\$DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTS EMERGING CONTAMINANTS CONTAMINANTS EMERGING CONTAMINANTS CONTAMINANTS EMERGING CONTAMINANTS CONTAMINANTS CONTAMINANTS CONTAMINANTS SUPPLIVATE WELLS-Address PFAS Sampling 			-
Contractual:Image: Contractual:ADMINSTRATIVE CONTRACT TEMPORARY STAFF\$ 472,850.00DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESSImage: Contractual EMERGING CONTAMINANTSMATER PROJECT TO ADDRESS EMERGING CONTAMINANTSImage: Contractual EMERGING CONTAMINANTSMATER PROJECT TO ADDRESS EMERGING CONTAMINANTSImage: Contractual EMERGING CONTAMINANTSMATER PROJECT TO ADDRESS EMERGING CONTAMINANTSImage: Contractual EMERGING CONTAMINANTSMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTSImage: Contractual SolutionEMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTSImage: Contractual SolutionDEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSImage: Contractual SolutionDEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSImage: Contractual SolutionDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTSImage: Contractual SolutionDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTSImage: Contractual SolutionMERGING CONTAMINANTS EMERGING CONTAMINANTSImage: Contractual SolutionIDVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTSImage: Contractual SolutionIDVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTSImage: Contractual SolutionIDV 23.94%\$ 91,335.00 <td></td> <td></td> <td>-</td>			-
ADMINSTRATIVE CONTRACT TEMPORARY STAFF \$ 472,850.00 DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 666,670.00 DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 4,646,809.00 PRIVATE WELLS-Address PFAS Contamination \$ 70,928.00 PRIVATE WELLS-Address PFAS Contamination \$ 70,928.00 PRIVATE WELLS-PFAS Sampling \$ 23,642.00 EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS \$ 350,000.00 TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING \$ 100,000.00 Construction \$ - Other: DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAM		Ş	-
TEMPORARY STAFF\$472,850.00DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE (ECS)\$6666,670.00DEVELOP AND COMPLETE (ECS)\$-PRIVATE WELLS-Address PROJECT TO ADDRESS EMERGING CONTAMINANTS-PRIVATE WELLS-Address PROJECT TO ADDRESS EMERGING CONTAMINANTS-PRIVATE WELLS-Address PROJECT TO ADDRESS COntamination\$TO ADDRESS EMERGING CONTAMINANTS-TO ADDRESS EMERGING CONTAMINANTS-TO ADDRESS EMERGING CONTAMINANTS-TO ADDRESS EMERGING CONTAMINANTS-TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION-TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION-TO EVELOP PRELIMINARY PRIVATE WENGING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP PRELIMINARYT REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE (CS)\$333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE (CS)\$333,330.00DEVELOP AND COMPLETE (CS)\$2,319,921.00DEVELOP AND COMPLETE (CS)\$91,335.00DEVELOP AND COMPLETE (CS)\$91,335.00			
TEMPORARY STAFF\$472,850.00DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-MATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-PRIVATE WELLS-Address PFAS Contamination-Y4,646,809.00PRIVATE WELLS-PFAS Contamination-Y23,642.00PRIVATE WELLS-PFAS SAMPLE COLLECTION-Y350,000.00TCOADDRESS EMERGING CONTAMINANTS-Y350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION-Y100,000.00Construction\$TCOADDRESS EMERGING CONTAMINANTS-DEVELOP PRELIMINARY PRIVATE WELLS-PFAS SAMPLE COLLECTION-TCONTAMINANTS SAMPLE COLLECTION-DEVELOP PRELIMINARY PRIVATE WENGING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-MERGING CONTAMINANTS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-MERGING CONTAMINANTS EMERGING CONTAMINANTS-MERGING CONTAMINANTS EMERGING CONTAMINANTS-MERGING CONTAMINANTS EMERGING CONTAMINANTS-MERGING CONTAMINANTS EMERGING CONTAMINANTS-MERGING CONTAMINANTS EMERGING CO			
DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 666,670.00DEVELOP AND COMPLETE (ECS) \$ 4,646,809.00DEVELOP AND COMPLETE (ECS) \$ 4,646,809.00PRIVATE WELLS-Address PFAS (Contamination \$ 70,928.00)PRIVATE WELLS-Address PFAS (Contamination \$ 70,928.00)PRIVATE WELLS-PAG Sampling \$ 23,642.00EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTSTECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING \$ 100,000.00ConstructionConstructionConstructionDEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTS <td></td> <td>ć</td> <td>472 850 00</td>		ć	472 850 00
ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-(ECS)\$6666,670.00DEVELOP AND COMPLETE 		Ş	472,850.00
ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECS)IDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECS)IWATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECS)IPRIVATE WELLS-Address PFAS ContaminationT0,928.00PRIVATE WELLS-PAGR SamplingIREMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTSIPRIVATE WELLS-PFAS SAMPLE COLLECTION TRAININGIDEVELOP PRELIMINARYF ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSIDEVELOP PRELIMINARYF ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSIDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS ENGING CONTAMINANTS EMERGING CONTAMINANTSDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTSMATER PROJECT TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTSMATER PROJECT TO ADDRESS EMERGING CONTAMINANTSMATER PROJECT TO ADDRESS EMERGING CONTAMINANTSMATER PROJECT TO ADDRESS EMERGING CONTAMINANTSMATER PROJECT TO ADDRESS EMERGING CONTAMINANTS<	DEVELOP PRELIMINARY		
PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSI(ECS)\$6666,670.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTSI(ECS)\$4,646,809.00PRIVATE WELLS-Address PFAS Contamination70,928.00PRIVATE WELLS-PFAS SamplingI23,642.00\$EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTSITO ADDRESS EMERGING CONTAMINANTSIDEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSIDEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSIDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTSIDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTSIMATER PROJECT TO ADDRESS EMERGING CONTAMINANTSIDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTSIMATER PROJECT TO ADDRESS EMERGING			
REVIEWS TO ADDRESS EMERGING CONTAMINANTS-EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-PRIVATE WELLS-Address PFAS CONTAMINATE-PRIVATE WELLS-Address PFAS Sampling-PRIVATE WELLS-PFAS Sampling-PRIVATE WELLS-PFAS Sampling-EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS-TO ADDRESS EMERGING CONTAMINANTS-SAMPLE COLLECTION TRAINING\$DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS-DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS-DEVELOP PRELIMINARY EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-MERGING CONTAMINANTS EMERGING CONTAMINANTS-MATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-MATER PROJEC			
EMERGING CONTAMINANTS(ECS)\$666,670.00DEVELOP AND COMPLETEWATER PROJECT TO ADDRESSEMERGING CONTAMINANTS(ECS)\$4,646,809.00PRIVATE WELLS-Address PFASContamination\$70,928.00PRIVATE WELLS-PFASSampling\$23,642.00AND RESPONSE ACTIVITIESTO ADDRESS EMERGINGCONTAMINANTS\$SAMPLE COLLECTIONCONStruction\$TRAINING\$DEVELOP PRELIMINARYPRIVATE WIRONMENTALREVIEWS TO ADDRESSEMERGING CONTAMINANTSSAMPLE COLLECTIONDEVELOP PRELIMINARYPERFORM ENVIRONMENTALREVIEWS TO ADDRESSEMERGING CONTAMINANTSEMERGING CONTAMINANTSE			
(ECs)\$6666,670.00DEVELOP AND COMPLETEWATER PROJECT TO ADDRESSEMERGING CONTAMINANTS(ECs)\$4,646,809.00PRIVATE WELLS-Address PFASContamination\$70,928.00PRIVATE WELLS-PFAS23,642.00EMERGENCY MITIGATION\$AND RESPONSE ACTIVITIES23,642.00TO ADDRESS EMERGINGCONTAMINANTS\$SAMPLE COLLECTION350,000.00TECHNICAL ASSISTANCE-PFASSAMPLE COLLECTION\$COnstruction\$TO ADDRESSSAMPLE COLLECTIONDEVELOP PRELIMINARY\$PRIVIEWS TO ADDRESSEMERGING CONTAMINANTS\$PERFORM ENVIRONMENTAL REVIEWS TO ADDRESSEMERGING CONTAMINANTS\$MERGING CONTAMINANTSEMERGING CONTAMINANTS			
DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 4,646,809.00 PRIVATE WELLS-Address PFAS Contamination \$ 70,928.00 PRIVATE WELLS-PFAS Sampling \$ 23,642.00 EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS \$ 350,000.00 TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING \$ 100,000.00 Construction \$ - Other: DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 333,330.00 DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 2,319,921.00 IDC 23.94% \$ 91,335.00		ċ	666 670 00
WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS(ECs)\$ 4,646,809.00PRIVATE WELLS-Address PFAS Contamination70,928.00PRIVATE WELLS-PFAS Sampling23,642.00EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING350,000.00Construction\$ -0DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS333,330.00DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS\$ 2,319,921.00IDC 23.94%\$ 91,335.00		Ş	000,070.00
EMERGING CONTAMINANTS(ECs)\$4,646,809.00PRIVATE WELLS-Address PFAS70,928.00Contamination\$70,928.00PRIVATE WELLS-PFAS23,642.00Sampling\$23,642.00EMERGENCY MITIGATION\$350,000.00AND RESPONSE ACTIVITIES350,000.00TO ADDRESS EMERGINGCONTAMINANTS\$SAMPLE COLLECTION100,000.00TRAINING\$DEVELOP PRELIMINARY100,000.00Construction\$DEVELOP PRELIMINARY-PERFORM ENVIRONMENTALS333,330.00DEVELOP AND COMPLETE\$WATER PROJECT TO ADDRESS\$EMERGING CONTAMINANTS\$EMERGING CONTAMINANTS\$MATER PROJECT TO ADDRESS\$EMERGING CONTAMINANTS\$EMERGING CONTAMINANTS\$IDC 23.94%\$91,335.00			
(ECs)\$4,646,809.00PRIVATE WELLS-Address PFAS Contamination\$70,928.00PRIVATE WELLS-PFAS Sampling\$23,642.00EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS\$350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING\$100,000.00Construction\$-Other:DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS\$333,330.00DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS\$333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS\$2,319,921.00IDC 23.94%\$91,335.00			
PRIVATE WELLS-Address PFAS Contamination \$ 70,928.00 PRIVATE WELLS-PFAS Sampling \$ 23,642.00 EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS \$ 350,000.00 TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING \$ 100,000.00 Construction \$ - Other: DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 333,330.00 DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 2,319,921.00 IDC 23.94% \$ 91,335.00		ć	4 646 800 00
Contamination\$70,928.00PRIVATE WELLS-PFAS Sampling23,642.00EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS3TO ADDRESS EMERGING CONTAMINANTS350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING100,000.00Construction\$TRAINING\$DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS-DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS-MERGING CONTAMINANTS EMERGING CONTAMINANTS-EMERGING CONTAMINANTS EMERGING CONTAMINANTS-IDC 23.94%\$91,335.00		Ş	4,040,809.00
PRIVATE WELLS-PFAS Sampling23,642.00EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS\$ 350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING\$ 100,000.00Construction\$ -Other:-DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECS)\$ 333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECS)\$ 2,319,921.00IDC 23.94%\$ 91,335.00		ć	70 039 00
Sampling\$23,642.00EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS\$350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING\$100,000.00Construction\$-Other:\$-DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS\$333,330.00DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS\$333,330.00DEVELOP AND COMPLETE (ECS)\$2,319,921.00DEVELOP AND COMPLETE (ECS)\$91,335.00		\$	70,928.00
EMERGENCY MITIGATION AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS \$ 350,000.00 TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING \$ 100,000.00 Construction \$ - Other: DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 333,330.00 DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECS) \$ 2,319,921.00 IDC 23.94% \$ 91,335.00		ć	22 642 00
AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING\$ 100,000.00Construction\$ -0Construction\$ -0Other:-DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE (ECs)\$ 333,330.00DEVELOP AND COMPLETE (ECs)\$ 2,319,921.00IDC 23.94%\$ 91,335.00	Sampling	Ş	23,642.00
AND RESPONSE ACTIVITIES TO ADDRESS EMERGING CONTAMINANTS\$ 350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING\$ 100,000.00Construction\$ -0Construction\$ -0Other:-DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTS 			
TO ADDRESS EMERGING CONTAMINANTS\$ 350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING\$ 100,000.00Construction\$ -0Construction\$ -0Other:DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSDEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS\$ 333,330.00DEVELOP AND COMPLETE (ECS)\$ 2,319,921.00IDC 23.94%\$ 91,335.00			
CONTAMINANTS\$ 350,000.00TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION-TRAINING\$ 100,000.00Construction\$ -Other:-DEVELOP PRELIMINARY PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE (ECS)\$ 333,330.00DEVELOP AND COMPLETE (ECS)\$ 2,319,921.00IDC 23.94%\$ 91,335.00			
TECHNICAL ASSISTANCE-PFAS SAMPLE COLLECTION TRAINING100,000.00Construction\$-Other:-DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECs)\$DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS333,330.00DEVELOP AND COMPLETE (ECs)\$QUEVELOP AND COMPLETE (ECS)\$ <td></td> <td>ć</td> <td>250,000,00</td>		ć	250,000,00
SAMPLE COLLECTION TRAININGImage: state stat		Ş	350,000.00
TRAINING\$100,000.00Construction\$-Other:-DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS EMERGING CONTAMINANTS			
Construction\$Other:-DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECs)-DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-DEVELOP AND COMPLETE (ECs)-WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS-IDC 23.94%\$91,335.00		ć	100.000.00
Other:DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECs) \$ 333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECs) \$ 2,319,921.00IDC 23.94%\$ 91,335.00			100,000.00
DEVELOP PRELIMINARY ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTS (ECs) \$ 333,330.00 DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECs) \$ 2,319,921.00 IDC 23.94% \$ 91,335.00		Ş	-
ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESSEMERGING CONTAMINANTS(ECs)\$ 333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESSEMERGING CONTAMINANTS(ECs)\$ 2,319,921.00IDC 23.94%\$ 91,335.00	Other:		
ENGINEERING REPORTS AND PERFORM ENVIRONMENTAL REVIEWS TO ADDRESS EMERGING CONTAMINANTSCECs)\$ 333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTSCECs)\$ 2,319,921.00IDC 23.94%\$ 91,335.00			
PERFORM ENVIRONMENTAL REVIEWS TO ADDRESSImage: Constant is a constant i			
REVIEWS TO ADDRESS EMERGING CONTAMINANTS(ECs)\$ 333,330.00DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS(ECs)\$ 2,319,921.00IDC 23.94%\$ 91,335.00			
EMERGING CONTAMINANTS(ECs)\$ 333,330.00DEVELOP AND COMPLETEWATER PROJECT TO ADDRESSEMERGING CONTAMINANTS(ECs)\$ 2,319,921.00IDC 23.94%\$ 91,335.00			
(ECs)\$ 333,330.00DEVELOP AND COMPLETEWATER PROJECT TO ADDRESSEMERGING CONTAMINANTS(ECs)\$ 2,319,921.00IDC 23.94%\$ 91,335.00			
DEVELOP AND COMPLETE WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECs) \$ 2,319,921.00 IDC 23.94% \$ 91,335.00			
WATER PROJECT TO ADDRESS EMERGING CONTAMINANTS (ECs) \$ 2,319,921.00 IDC 23.94% \$ 91,335.00		Ş	333,330.00
EMERGING CONTAMINANTS (ECs) \$ 2,319,921.00 IDC 23.94% \$ 91,335.00			
(ECs)\$2,319,921.00IDC 23.94%\$91,335.00			
IDC 23.94% \$ 91,335.00			
	· · · · · · · · · · · · · · · · · · ·		
\$ 9,457,000.00	IDC 23.94%		
		\$	9,457,000.00