FUNDING REQUEST / WORK PLAN
for CERCLA Section 128(a) State or Tribal Response Program
Federal Fiscal Year (FY) of Funding: 2019
Period of Performance: October 1, 2018 to September 30, 2019

Date last revised/submitted: 12/06/2017
Point of Contact: Rebecca Bodnar, Superfund Supervisor
rebecca.bodnar@ndep.nv.gov
775-687-9545
Total Amount Requested: $650,000

The U.S. Environmental Protection Agency's (Agency's) Strategic Plan supports the State and Tribal Response Program through **GOAL 3: Cleaning Up Communities and Advancing Sustainable Development** and **Objective 3.1 Promote Sustainable and Livable Communities.**

Program Results Code: 301D24
CFDA: 66.817 State and Tribal Response Program Grants

1. OBJECTIVE:
The Small Business Liability Relief and Brownfields Revitalization Act (SBLRBRA) was signed into law on January 11, 2002. The Act amends the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, by adding Section 128(a). Section 128(a) authorizes a grant program awarded and administered by the United States Environmental Protection Agency (USEPA) to establish and enhance state response programs that address the assessment, cleanup, and redevelopment of brownfields sites and other contaminated sites as defined by the law. The primary goal of this funding, as defined in the yearly *Funding Guidance for State and Tribal Response Programs,* is to "ensure that state and tribal response programs include, or are taking reasonable steps to include, certain elements of an environmental response program and that the response program establishes and maintains a public record of sites addressed." The secondary goal of the funding as defined by the guidance is to support development of a public record, as defined in Section 128(b)(1)(C).

On November 25, 2003, the USEPA published in the Federal Register, Document number EPA 500-F-04-002, the Notice of Grants Funding Guidance for State and Tribal Response Programs. To be eligible for funding under Section 128(a), and as described in the guidance, a state or tribe must demonstrate that their response program includes, or is taking reasonable steps to include, the following **four elements of a response program**:

(1) Timely survey and inventory of brownfield sites in state or tribal land;
(2) Oversight and enforcement authorities or other mechanisms and resources to ensure that a response action will protect human health and the environment and be conducted in accordance with applicable laws, and that a tribe will complete the response action (including long-term operations and maintenance/monitoring) if the person completing response fails to do so;
(3) Mechanisms and resources to provide meaningful opportunities for public participation; and
(4) Mechanisms for approval of a cleanup plan and verification and certification that cleanup is complete.

In addition, states and tribes must establish and maintain a **public record** system that provides a mechanism for meaningful public participation (see Element 3 above). Specifically, the public record must—

- Be maintained and updated at least annually;
- Include the name and location of sites at which response actions were completed in the

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previous year;

- Include the name and location of sites at which response actions are planned in the next year; and
- Identify whether or not the site, upon completion of the response action, will be suitable for unrestricted use. If not, the public record must identify the institutional controls relied on in the remedy and include relevant information concerning the entity that will be responsible for oversight, monitoring, and/or maintenance of the institutional and engineering controls; and how the responsible entity is implementing those activities.

2. OVERALL STATE OR TRIBAL RESPONSE PROGRAM GOALS:

The Nevada Division of Environmental Protection (NDEP) Mission and Purpose is to "preserve and enhance the environment of the state to protect public health, sustain healthy ecosystems and contribute to a vibrant economy". To fulfill this mission, NDEP requires the investigation and, if necessary, remediation of sites where releases of hazardous substances have occurred. A number of environmental programs within NDEP, and on the federal level, conduct investigative and remedial activities of some kind. NDEP has integrated the environmental cleanup programs into one comprehensive corrective action program, which addresses all sites with common investigation and remediation priorities, criteria, and strategies. The Bureau of Corrective Actions (BCA) was created for this purpose. BCA supplements the federal program for the investigative, removal, remedial, and emergency response activities as determined necessary to protect human health and the environment from uncontrolled releases of hazardous substances. BCA combines a portion of the former RCRA Corrective Action Program, the CERCLA funded Preliminary Assessment/Site Investigation program, the Consultant Certification Program, the State Petroleum Fund, as well as additional State-funded positions in BCA. The State Response grant provides the base technical and administrative infrastructure for State and Federal Corrective Action activities performed by BCA personnel including providing mechanisms and resources to the public for approval of site remediation plans and verification that a remediation is complete.

More specifically, the 128(a) Grant funding allows BCA to maintain and enhance the existing Nevada Brownfields Program, Environmental Assistance Program (EAP), Abandoned Mine Lands (AML) Branch (formerly AML Program within the Superfund Branch, now its own Branch), and Certification Program which strengthen BCA's presence in the State of Nevada.

The goal of the Nevada Brownfields Program is to protect human health and the environment while assisting in the assessment, cleanup, and redevelopment of a Brownfields property. Nevada's Brownfields Program provides services for site assessments to determine existence and extent of potential contamination and remediation services for sites with confirmed contamination. The Program serves to increase property values, create jobs, stimulate tax revenue, revitalize communities, and provides a process for streamlining government oversight of cleanups and future redevelopment. Additionally, the Program coordinates with the 104(k) Brownfields Grant Program Manager through identifying possible grant recipients, assisting communities with their applications, and collaborating remediation activities.

The EAP is the point of contact for all bureaus within NDEP to coordinate state, federal and/or private resources in hazardous substance detection, identification, containment, remediation, and disposal. Perhaps more importantly, the EAP coordinates the prevention, mitigation, or minimizes the threat of potential releases. In the event of an emergency, the EAP provides technical guidance on human health and environmental effects of hazardous substances, pollutants, or contaminant releases and environmental pollution control techniques. The EAP can coordinate activities of a remediation contractor as applicable and ensure that all remediation activities meet state regulatory standards. The EAP also operates the Nevada Spill/Complaint reporting hotline, which takes hazardous substance and public drinking water system related spill/complaint calls 24 hours a day, seven days a week. Upon request by the Nevada Division of

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Emergency Management, staff from the EAP will activate to the State Emergency Operation Center (SEOC) in the event of a State emergency. EAP staff will coordinate activities in support of the SEOC in the Emergency Support Function (ESF) 10 position for Hazardous Materials.

The AML Branch focuses on identifying, assessing, ranking, prioritizing, and remediating as needed historic and legacy AML sites that present a known or potential risk to human health and/or the environment. In 2017, the AML Branch implemented a web-based spatial geodatabase (GDB) to store and share AML site information, utilizing funding from the Army Corps of Engineers administered RAMS Program, and with additional equipment support from the CERCLA 128a Grant. The AML Branch continues to update and maintain the GDB. The AML Branch also utilizes the PA/SI Grant to investigate and assess AML sites. Once AML site hazards are identified, assessed and ranked, they are prioritized for potential remediation activities. The AML Branch addresses AML site hazards on both public and private lands. Through support from the 128a Grant, this important work will continue to protect human health and the environment.

The Certification Program is designed to ensure competent individuals are providing services and information to the businesses and citizens of the state for environmental remediation, tank handling, tank testing, and UST operator trainers. Certification is granted after application screening (which includes mandatory experience requirements) and, for Environmental Managers, passing a comprehensive test. Individuals have to fulfill experience requirements for their two-year renewal.

3. ELIGIBILITY REQUIREMENTS FOR FUNDING:

A. The Four Elements of a Response Program

1. Timely survey and inventory of brownfields sites:
The State Brownfields Program continues to work with our county partners and associated groups to identify and target specific sites throughout the State that could be eligible for Brownfields grant funding through the State's program, 104(k) federal funding, and revolving loan fund money that's available through the state in the form of a loan or subgrant. In addition, the State has contracted two environmental consulting firms to conduct outreach in Nevada to identify likely Brownfield sites. These sites are categorized by the consultants and provided to the State for consideration.

For each cleanup overseen by the Bureau, a file is created to contain all relevant site and regulatory information. Sites are tracked in an electronic database known as Project Tracking (PT), developed by the Bureau. The electronic database can cross-reference a cleanup site based on its Facility ID number, site name, and location allowing a user to locate site information without knowing the assigned Facility ID number. This site identification process can be used to determine which properties may be eligible for redevelopment grant funding.

Additionally, the Brownfields Program maintains a Brownfields site inventory of potential sites located throughout the State compiled from federal and state regulatory databases. The database will be updated once every two years (the labor effort and cost associated with updating it annually is prohibitive and does not provide enough of an overall site change to warrant the expenditure). The State will continue to develop and enhance the interactive website so it can provide more site specific information to the public and potential developers on these various sites. Finally, Brownfields sites addressed by the 128(a) program are added to the EPA's national ACRES Brownfields database.

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2. Oversight and enforcement authorities or other mechanisms and resources:

At any site where a reportable release has occurred or has been discovered, the Bureau has the authority to require the owner or operator to conduct and submit an assessment of site conditions (NAC 445A.2269). Additionally, the owner or operator is responsible for the immediate mitigation and abatement of imminent and substantial hazards to public health or safety which may result from the release (NAC 445A.22695).

The State of Nevada has a very simple liability structure, which places full responsibility for response actions on owners and operators of facilities where releases occur or have occurred in the past. This liability structure makes it very easy for the State to take enforcement actions against parties for the completion of site cleanups. Since a site will always have an owner, whether it is a private individual or a government entity, the NDEP can always identify a party to take one of three enforcement actions available under state law. All enforcement authorities are conducted with the assistance of the state Attorney General, which serves as legal counsel for the NDEP.

The Bureau may issue a compliance order which specifically prescribes necessary corrective actions and an appropriate time frame for their completion (NRS 445A.690). Most often, the Bureau and a property owner or operator can enter into a voluntary administrative order on consent for the completion of response actions, but the Bureau may also issue orders to uncooperative responsible parties. Failure to comply with an issued order would ultimately lead to further enforcement actions.

The State is authorized to pursue civil actions against a responsible party for a failure to comply with an order issued by the State (NRS 445A.700). Civil penalties can be assessed in an amount up to $25,000 per day that a party is out of compliance. Under a civil action, the State is also capable of recovering any expenses incurred in removing, correcting, and terminating any adverse effects resulting from a discharge and is also entitled to a compensation for the loss or destruction of wildlife, fish, or aquatic life.

Criminal penalties are the ultimate authority which the State can rely on for enforcement against parties responsible for the completion of corrective actions resulting from a discharge. The first conviction of a failure to comply with an order issued by the State for the completion of a response action is a gross misdemeanor; a second violation will be pursued as a felony under State law (NRS 445A.705).

- Guidance is continually worked on to clarify and explain BCA regulations and provide the regulated community with clearer direction. Guidance was initially presented in 2014 providing specifics on our constituent closure option of TPH impacted soil. Similar guidance for a groundwater exemption closure method is being completed for 2016. Workshops will be scheduled for the regulated community in Northern and Southern Nevada on both of these site closure options.
- Spill reports continue to be taken on a 24/7 basis and logged into the database. Cases are generated and assigned to case managers for oversight. R/Spill (Release/Spill Response) letters are generated and sent to the responsible party for case status reporting within 45 days of the date on the letter.
- Changes continue to be made to the spill reporting and routing mechanism to make it more efficient and accurate. This includes incorporation of Nevada's Geographic Response plans, Hazardous Materials Plan, and the LEPCs.
- Nevada continues to require environmental consultants to be certified (Certified Environmental Manager, CEM) before offering services for a fee within the State for management of hazardous waste, investigation of a release or potential release of a hazardous substance, sampling of air, soil surface water, or groundwater to determine the release of a hazardous substance, response to a release of a hazardous substance, cleanup of a release of a hazardous substance, and the remediation of soil or water contaminated by a hazardous substance. NDEP requires all certified persons to recertify every two years.

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3. Mechanisms and resources to provide meaningful opportunities for public participation:
The Nevada Water Pollution Control Law, which provides the authority for most of the response actions overseen by the Bureau, requires that any records, reports, or information obtained or developed by the Bureau must be available to the public for inspection and copying (NRS445A.665). For each cleanup overseen by the Bureau, a file is created to contain all relevant site and regulatory information. Sites are tracked in an electronic database known as Project Tracking or simply PT, developed by the Bureau. The electronic database can cross-reference a cleanup site based on its Facility ID number, site name, and location allowing a user to locate site information without knowing the assigned Facility ID number. The electronic database only contains limited, general information about a cleanup file such as responsible party contact information, starting and closure dates, and site status. The primary purpose of the database is to index and track the hardcopies of clean-up files; it does not serve as an electronic repository for site documents and reports. Members of the public are welcome to review any case file during working business hours between 8am and 5pm, Monday through Friday.

• Enhancement of the community involvement process includes maintenance on electronic file access and case file documents for the public. This was accomplished by updating the BCA Project Tracking Database to a new database platform. Expansion and improvement of this database continues. The database improves public access through direct access to case files, spill reports, etc. for users.
• BCA is undertaking conversion of closed cases to electronic filing, making public search of archived files easier. This is through a data management program called Documentum.
• As properties are often enrolled into the Brownfields Program as sites of potential and/or suspected releases and sometimes do not move beyond a Phase I ESA and frequently do not move beyond a Phase II ESA finding no need for environmental clean-up or on-going institutional control, they are tagged as a Brownfield site in the BCA's PT Database recognizing their special status. This project tracking mechanism allows the public to more easily identify those projects as Brownfield sites and provides a less stigmatizing label that might hamper future site redevelopment.
• The Brownfields contractors provide outreach to communities at County Commissioners Meetings and City officials to provide information about the Brownfields Program and how it could support the community. Public input is encouraged and information is reported to Brownfields Program staff.

4. Mechanisms for approval of a cleanup plan and verification and certification that cleanup is complete:
The procedure for the submittal of cleanup plans is clearly laid out in the State regulations governing corrective actions at contaminated sites. NAC 445A.2271 (for soil), 445A.2273 (for groundwater), and 445A.2275 (for surface water) all require that an owner or operator who is required to take corrective action shall submit to the Division a plan and schedule for completing the corrective action, and no cleanup actions may commence until the plan and schedule are approved by the Division. Cleanup plan reviews are conducted by Bureau staff members with case officer authority. Bureau supervisors who receive reports of releases or of historically contaminated sites make an initial decision whether the report will generate a case and then assign that case to one of their staff members to serve as case officer. The case officer is responsible for all Division authorities from establishing appropriate action levels to reviewing and approving cleanup plans submitted by responsible owners and operators. The case officer need only operate within the regulatory framework established in State law in making his or her site decisions. The case officer is also responsible for documenting the decisions made regarding site cleanup by maintaining a case file and also by updating information in the electronic Project Tracking database.

An owner or operator may submit a "Request for Closure" upon completion of activities outlined in an approved Corrective Action Plan when all site contaminants have been reduced below established action levels or a specific regulatory exemption from further remediation is granted by the Division (**NAC 445A.227, 445A.22725, 445A.22745, 459.9973, 459.9977, 459.9978**). A Bureau case officer will review the information and data presented in the "Request for Closure" and may provide written comments where data is insufficient, missing, or inaccurate and where it is felt that closure may not be granted. If site closure is granted by the case officer based on information provided by the owner or operator or by a certified

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environmental consultant in their employ, the owner or operator will be notified through the issuance of a "No Further Action" letter by the Division. A "No Further Action" letter will document the regulatory authority being used by the Division to grant site closure and define any institutional controls incorporated in the closure decision. The closure decision provided by the Division is not considered a permanent relief from liability because the Division may reopen a case based on the discovery of information that indicates the status of the site has changed since closure was made. This may occur for any number of reasons, but some examples include a failed or compromised engineered site control, revised toxicological risk assumptions for site contamination, or failure to abide by any institutional control on the site. Site closures are tracked according to case number, site name, and site location in the Bureau's PT database, and case files documenting cleanup completions are maintained in the offices of the Division.

• Case officers with oversight of corrective action sites will continue to review Corrective Action Plans for properties where site cleanup activities are required. No cleanup actions may commence until the plan and schedule are approved by the case officer. The case officers overseeing cases within this program are responsible for all authorities from establishing appropriate action levels to reviewing remediation system designs to approving no further action requests. An owner or operator may submit a "Request for Closure" upon completion of activities outlined in an approved Corrective Action Plan when all site contaminants have been reduced below established action levels or a specific regulatory exemption from further remediation is granted. The case officer will review the information and data presented in the "Request for Closure" and may provide written comments where data is insufficient, missing, or inaccurate and when the case officer deems closure should not be granted. If site closure is granted by the case officer, the owner or operator will be notified through the issuance of a "No Further Action" (NFA) letter. NFA letters document the regulatory authority being used to grant site closure, but are not considered a permanent relief from liability because the case can be reopened based on the discovery of additional site information.
• The State Brownfields Program, through outreach by its staff and contractors, continue to make a concerted effort to target and investigate school facilities, rural communities, and tribes throughout the State no longer utilizing buildings and valuable property due to hazardous materials and petroleum impacts. Many buildings are not being utilized in communities due to lead-based paint and asbestos in the building materials. These buildings, in their current condition, present physical hazards and human health exposure risk hazards. The schools, rural communities and tribes cannot typically provide funding for new buildings, but are in need of funding to determine the hazards and fees associated with cleanup prior to building renovation and redevelopment. The Brownfields Program continues to target petroleum and hazardous substance assessment and cleanup at the many abandoned and unused railroad sites across Nevada as part of our outreach to rural entities.
• Continue to enhance the NDEP Certification Program for Certified Environmental Managers, Tank Handlers, Tank Testers and Tank operator trainers by disseminating guidance materials, new regulations and information through the email system and personal communication. Plan and schedule two opportunities a year for environmental professionals to sit for the CEM exam. Trained operators are readily available to respond to suspected/confirmed releases, other unusual operating conditions and equipment shut-offs or failures.

B. Establish/Maintain Public Record

Has a public record been established that satisfies the requirements of CERCLA section 128(b)(1)(C)? Yes. If yes, please provide the following:

Date of last update: Daily – The new database allows for real-time updating of the public record
Expected date of next update: Real-time updates
How is the record accessible to the public? The public record is accessible through the NDEP website https://ndep.nv.gov/ , which provides a snapshot view of a project tracking database for Federally Regulated Underground Storage Tanks (UST) and a database for Remediation and Leaking Underground Storage Tank Cases, which is known as our Project Tracking or PT database. A Fact Sheet is also available on the website, which describes the information in the PT database and how to interpret the information.

• Identify and monitor the effectiveness of institutional controls utilized in closures during the past year. Maintain the Environmental Covenant and Durable Notification Mechanisms website and update when necessary.

The record is maintained and updated quarterly and includes a listing of sites with the name and location where response actions are either ongoing or have been completed. The record is also maintained and updated as phases of the case progress, and provides an area where the next action date and description of the action can be input. After completion of the response action, the no further action letter developed for the site identifies whether or not the site will be suitable for unrestricted use. If the site will not be suitable for unrestricted use, the site and its institutional control, environmental covenant, or durable notification mechanism will be included in the environmental covenant website, which is currently under development within a larger database for tracking response actions.

C. Other Uses For 128(A) Funding:

In addition to the above elements, BCA utilizes 128(a) funding to:

- Utilize Brownfields and CERCLA screening criteria in consultation with EPA to determine eligibility of hazardous substance and petroleum sites with each Brownfields application submittal under the 128(a) program. Determine eligibility of petroleum sites with each post-award eligibility application submitted by Nevada 104(k) grantees in accordance with Brownfields petroleum eligibility requirements and Nevada law.

- Utilize the Nevada Brownfields QAPrP to oversee and guide 128(a) and 104(k) grant recipients with their Phase II assessments and remediation. Perform at least one concurrent SAP and QAPP review of a 128(a) recipient during the fiscal year, if possible.

- Perform outreach for the State and Federal Brownfields Programs (128(a) and 104(k), respectively). Include State and Federal site discovery.

- Meet with Nevada counties and/or municipalities during FFY19 to explain Brownfield funding options and eligibility requirements.

- Perform outreach for the Environmental Assistance Program at Local Emergency Planning Commission (LEPC) meetings, Nevada Association of Counties annual conference, and other venues. Outreach will detail the NDEPs role, responsibilities, and dissemination of technical information and our relationship with the Nevada Division of Emergency Management. Perform tabletop exercises internally with Duty Officers and Environmental Assistance Coordinators, with the LEPCs, individually or as a regional exercise incorporating proximate counties.

- Attend training and conferences on Brownfields, State Response, and AML issues.

- Implement the Humboldt River Geographic Response Plan (HR GRP) in cooperation with the USEPA Region 9 as a result of Bakken Crude rail transportation in this area of the state. NDEP personnel will coordinate with the USEPA in training exercises utilizing the HR GRP.

- Assist the USEPA in updating the Geographic Response Plans for the Truckee, Carson, and Walker River's plans as necessary.

- Attend environmental response training and exercises to prepare for actual events and inform other agencies of our capabilities in the event of a State-wide emergency.

- Maintain and enhance monitoring equipment for response activities.

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- Continue to provide AML site screens, share data and information, and discuss site priorities with EPA.
- Update and manage the AML database.
- Finalize and implement the AML QAPrP.
- Develop and implement AML Program and Project-specific SOPs.

4. WORKPLAN ACTIVITIES and TIME FRAME for ACCOMPLISHMENT (COMMITMENTS), RESULTS OF ACTIVITIES (OUTPUTS), PROJECTED ENVIRONMENTAL IMPROVEMENT (OUTCOMES) and ESTABLISHED BASELINE FOR MEASUREMENT.

Site Activities Narrative (Commitments)	Results of Activities (Outputs)	Due Date	Projected Environmental Improvement (Outcomes)	*COMMENTS*
TASK I: PLANNING AND MANAGEMENT				See SF424A form for staff position titles and salary percentages.
Subtask A: **Prepare final SFY2019 State Response Grant application and work plan by 4/1/2018.**	Final grant application and work plan sent to EPA.	April 1, 2018	Develop a work plan that describes how the state will support and enhance the Nevada State Response Plan.	Discussions/negotiations during quarterly and annual meetings will be incorporated into new work plan.
Subtask B: **NDEP participates in an annual End-of-Year grant program evaluation meeting with EPA.**	One meeting. Participation and attendance in an end of the year evaluation sometime between October 2016 and December 2016.	Nov - Jan	Discussion during this meeting will evaluate how well the plan was executed and how we can improve the plan during the next fiscal year.	Evaluation conferences assume availability of staff. Evaluation dates are flexible.
Subtask C: **NDEP participates in quarterly review program meetings with EPA.**	Participation in four quarterly meetings.	Quarterly SFY 2018	Progress and issues to be discussed at quarterly meetings between EPA and NDEP.	Meetings assume availability of staff. Dates are flexible with conference call meetings preferred.
Subtask D: **Submit quarterly progress and activity reports to meet work plan requirements. Specific meetings may be scheduled to address work plan requirements.**	Four reports. Quarterly progress and activity reports are received within 45 days of end of quarter.	Quarterly SFY 2018	State Response Program results to be documented based on approved work plan.	EPA will provide technical responses as needed.

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TASK II. ESTABLISH OR ENHANCE THE FOUR ELEMENTS, AND ESTABLISH AND MAINTAIN PUBLIC RECORD.				See SF424A form for staff position titles and salary percentages.
Subtask A: **Timely survey and Inventory of Brownfields sites**	Maintain an inventory of potential Brownfield sites by working with individual counties, other state agencies and the Brownfields contractors to enhance the State-wide Brownfields inventory. NDEP will update the inventory biennially.	Biennial	The inventory identifies the number of potential Brownfields properties requiring further assessment and/or cleanup, which will allow NDEP to better forecast fiscal year budgeting and discuss potential Brownfield sites with the public. The State of Nevada will be better prepared to plan the number of potential assessments and cleanups. By updating the inventory biennially, NDEP will have a tracking mechanism for potential Brownfields sites statewide.	Task IIA meets the first of four requirements in the grant guidance (inventory of Brownfields sites in the state).
Subtask B: **Community survey of Brownfields sites**	NDEP will continue to approach site discovery through established channels, such as contact with local governments, community groups, and consultants.	Annual	NDEP will incorporate survey results into the Brownfields inventory. Site discovery will be documented in quarterly reports.	Task IIB meets the first of four requirements in the grant guidance (survey brownfields sites in the state). Sites identified through community surveys will be added to the site inventory list as part of Task IIA.

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TASK III. MAINTAIN AND ENHANCE STATE RESPONSE PROGRAM				See SF424A form for staff position titles and salary percentages.
Subtask A: **Oversight and enforcement authorities or other mechanisms and resources.**	The Bureau of Corrective Actions maintains a 24-hour spill reporting hotline which receives and documents chemical releases and many other issues that could potentially impact the public and/or the environment. Spill reports are sent to the responsible oversight and enforcement authority. If the response requires BCA oversight, a spill response letter is sent to the potential responsible party (PRP) requesting details about the release according to State and Federal guidelines. If the PRP is not responsive, the Attorney General's Office will engage, and if the release is immediately dangerous to human health and/or the environment, BCA can engage our Environmental Assessment, Mitigation, and Remediation (EMAR) contractor.	Annual	Proper oversight authorities will be notified regarding releases in the state and mechanisms are in place to regulate the assessment and cleanup. Spill reporting hotline activity will be provided in quarterly reports. Site assessments and cleanups will be monitored for progress and compliance with regulations. Assessment and cleanup oversight conducted by state contractors for recalcitrant sites is reviewed by the state.	Task IIIA meets the requirements of the second element of the Grant Guidance. NDEP staff will conduct activities.

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Subtask B:	NDEP will continue to provide public access to documents and related materials associated with assessment and cleanup work through BCA's Project Tracking database, review of hardcopy files and scanned files that have been closed and archived. NDEP will continue to work closely with the EPA 104(k) grant manager to assist in the development and execution of successful 104(k) programs and awards. NDEP will promote qualified entities to submit 104(k) applications and provide assistance and direct them to the resources available in application submittal. NDEP will assist successful grantees by providing consultation on technical and regulatory issues as requested and provide site eligibility determinations for qualified petroleum sites.	Annual	Provide an understanding of the State and Federal Brownfields Program to Nevada communities that don't have the funding available to redevelop blighted areas of town. Provide program transparency and ideas on how to improve their communities and how to enhance their capacity to identify potential Brownfields sites.	Task IIIB meets the requirements of the third element of the Grant Guidance. Activities will be conducted by NDEP staff.

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TASK III. MAINTAIN AND ENHANCE STATE RESPONSE PROGRAM				See SF424A form for staff position titles and salary percentages.
Subtask B (continued):	Quarterly reports will identify significant assistance provided to 104(k) grantees and the number of petroleum eligibility determinations and results. Information on the State Brownfields Program and contacts are available to the public in the event that they feel a site is in need of an assessment. At least one outreach meeting or regional Brownfields marketing trip will be offered to municipalities. Attendance will be documented along with the organizations represented. This information will be forwarded to the EPA.	Annual	Provide an understanding of the State and Federal Brownfields Program to communities that don't have the funding available to redevelop blighted areas of town. Provide program transparency and ideas on how to improve their communities and how to enhance their capacity to identify potential Brownfields sites.	Task IIIB meets the requirements of the third element of the Grant Guidance. Activities will be conducted by NDEP staff.
	Verification and certification of cleanups is documented through no further action letters after cleanup goals have been met. Environmental Covenants and Durable Notification Mechanisms are developed for sites where necessary, but on a limited basis. The public record includes carbon copying documents to adjacent property owners when an NFA letter is produced, summarizing specific site investigations and cleanups on the NDEP website, providing access to NDEP's Project Tracking database through the website and providing public meetings, if necessary.	As needed	Improve the public record with more visibility of completed projects through the website and through notification.	Task IIIC meets the requirements of the fourth element of the Grant Guidance. Activities will be conducted by NDEP staff.

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Subtask D: **Maintain and enhance the public record including identification, coding and reflection of institutional controls**	The public record has been established, according to CERCLA Section 128(b)(1)(C). Maintain and update, at least annually or more often as appropriate, a record that includes the name and location of sites at which response actions have been planned and/or completed during the previous year. (*Continued next page)*	Annual	Provides documentation that assessments and cleanups are complete. Allows NDEP to provide information to other interested parties. (*Continued next page*)	Task IIID meets the requirements of the public record requirement of the Grant Guidance. Provides documentation that assessments and cleanups are complete.

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TASK III. MAINTAIN AND ENHANCE STATE RESPONSE PROGRAM				See SF424A form for staff position titles and salary percentages.

Subtask D (continued): **Maintain and enhance the public record including identification, coding and reflection of institutional controls**	Identify in the public record whether or not the site, upon completion of the response action, will be suitable for unrestricted use. If not, the public record must identify the institutional controls relied on in the remedy. Very few environmental covenants are attached to properties as a result of cleanup actions and closure requirements currently required by the State of Nevada. A website to track environmental covenants and durable notification mechanisms has been developed and is viewable, and the interactive map is operational. The website will be populated with additional sites, completed in the past and in the future as they become known. NDEP staff will investigate two projects annually to determine the effectiveness of institutional controls and land use restrictions written in NFA letters. Refine or amend the checklist for monitoring the effectiveness of ICs and DNMs, if necessary. The public record includes carbon copying documents to adjacent property owners when an NFA letter is produced, summarizing specific site investigations and cleanups on the NDEP website, providing access to NDEP's Project Tracking database through the website and providing public meetings, if necessary. The NDEP website contains the following project information about each Brownfield case: date and information regarding the release, contaminants of concern, location of receptors, pathways, current assessment or remediation information, and any institutional controls in place. (*Continued next page*)	Annual	Provides documentation that assessments and cleanups are complete. Allows NDEP to provide information to other interested parties. Properties with environmental covenants will be reflected on the website, which is Public Record. Effectiveness of these institutional controls, where applicable, will be documented. Better case visibility, public access to documents (such as no further action letters and institutional controls) and better management of case information. Output: The public record will be incorporated into the NDEP website.	Task IIID meets the requirements of the public record requirement of the Grant Guidance. Provides documentation that assessments and cleanups are complete.

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TASK III. MAINTAIN AND ENHANCE STATE RESPONSE PROGRAM				See SF424A form for staff position titles and salary percentages.
Subtask D (continued): **Maintain and enhance the public record including identification, coding and reflection of institutional controls**	A Brownfields website is maintained and contains specific projects that can be reviewed. The NDEP has improved the public record by developing a file directory that contains scanned paper case files. These electronic files increase visibility of the public record and are available to anyone that wants to research specifics on a closed project. The Project Tracking Database project continues through 2018 and 2019. This project rebuilds the bureau database on a new web-based platform providing the bureau with more functionality and flexibility to expand the database. This platform provides the public with greater accessibility to files. In fulfillment of the 128(a) Cooperative Agreement Terms & Conditions, NDEP will also add and update the EPA ACRES Brownfields database with new sites or tasks completed on sites previously entered that have been assessed and/or remediated with 128(a) funding.	Annual	Output: The public record will be incorporated into the NDEP website.	Task IIID meets the requirements of the public record requirement of the Grant Guidance. Provides documentation that assessments and cleanups are complete.
Subtask E:	At least one NDEP management and one staff person will attend the National and Western Regional Brownfields Conferences, if available. If funding is available one staff member should attend other well recognized Brownfields conferences and workshops.	Frequency varies	Outcome: NDEP outreach to nationwide Brownfields stakeholders and other state programs in these meetings.	Assumes approval of NDEP travel and funding availability.

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TASK III. MAINTAIN AND ENHANCE STATE RESPONSE PROGRAM				See SF424A form for staff position titles and salary percentages.
Brownfields marketing, outreach and workshops.	At least one local outreach workshop with community leaders and various groups will be held in SFY19. A schedule will be sent to the EPA when the workshop dates are secured. Attendance and organizations represented will be documented and provided to the EPA.	Quarterly update	Two NDEP staff will attend the local NACO conference, national and western Brownfields conferences, Economic Development Department meeting and Reno Redevelopment Agency meeting.	This task meets the requirements of Grant Guidance uses related to enhancing a State or Tribal Response program.
	Update, expand and maintain the webpage to insure it meets the requirements of the Public Record. Sites will be added to the webpage quarterly, if necessary.	As needed	Outcome: The NDEP Brownfields website will be improved as needed	This task meets the requirements of Grant Guidance for the Public Record Requirement.
Maintain and Enhance the ***Subtask H:***	Improvements in the areas of (1) enforcement of procedures for consulting standard of care in Nevada; (2) outreach to CEM community via email when necessary to assure they are up to date with new policies, guidance and regulations; and the standard of practice for site assessment and cleanup in Nevada; and (3) sustainable and transparent procedures for test updates and documentation of test questions. Two CEM exam dates in the spring and fall will be made available to eligible applicants interested in obtaining their certification.	Annual	The objective of the program is to create a minimum qualification in the practice of site assessments, cleanups and other environmental tasks and to promote and enhance the standard of ethics and professionalism among its practitioners in Nevada.	Continue to develop a more defensible certification program.
Subtask I: ***Update and Maintain the AML database (GDB), and share information with key AML partners and stakeholders.***	The NDEP AML Branch will continue to update and maintain the AML GDB. The GDB is used to store, analyze, share and convey environmental information on AML sites. This requires frequent, periodic QA/QC of data input, and updating of site records, prior to sharing or making the information available.	On-going, as needed	AML partners and key stakeholders will be able to access the database for environmental tracking purposes.	

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Subtask J: **Finalize and Implement the AML Quality Assurance Program Plan (QAPrP).**	An AML QAPrP is being developed, and will be implemented for AML Branch site investigation sampling and analysis, and SOP development. The AML Branch Supervisor will work with the EPA QA Officer to ensure the QAPrP meets AML Branch needs and EPA requirements, prior to approval and implementation.	Sept 30, 2018	Provides a standardized guidance for sampling and analysis for PA/SI site screens, and development of SOPs.	

TASK IV: SITE ASSESSMENTS

				See SF424A form for staff position titles and salary percentages.
Subtask A:	The NDEP is using a Region IX-approved evaluation system following CERCLA eligibility criteria and similar to that used in 104(k) site applications. The evaluation criterion is being submitted with site eligibility packages for concurrence by EPA Region IX.	As needed	The information submitted to BCA in the Brownfields application is more defensible and easier for EPA to review when submitted in the eligibility package.	Eligibility based on CERCLA criteria will be incorporated into the Brownfields case file, fulfilling the Public Record requirement of the Grant Guidance.
Subtask B: **Evaluation of Post-Award 104(k) grant Brownfields eligibility determinations**	The purpose of this task is to allow NDEP through the 128(a) Response Program to review and determine the eligibility of Brownfields sites potentially impacted by petroleum that have been selected for funding under 104(k) grants. NDEP follows Brownfields petroleum eligibility criteria as well as Nevada state law to determine potential eligibility as a Brownfields site.	As needed	NDEP will review the information contained on the eligibility determination sheet and approve eligible sites based on selection criteria used by the federal Brownfields Program and Nevada law. Review of each eligibility determination form ensures site and property ownership criteria are satisfied.	The number of eligibility determinations necessary are a function of the 104(k) grantee workplans. As the number of Brownfields 104(k) grantees and projects increase in Nevada, the number may increase.

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TASK IV. SITE ASSESSMENTS AND CLEAN UPS				See SF424A form for staff position titles and salary percentages.
Subtask C: **Review and approval of Phase I and II environmental site assessment proposals and report review.**	After the application process is complete and the site is deemed eligible for Brownfields funding, a scope of work for each phase of a project are submitted to the Brownfields Program Coordinator. Approval of the proposal and associated costs are required before initiating the work. Eligible sites may be enrolled with little to no prior environmental history and require an initial Phase I ESA or there may be a current Phase I ESA complete and the Phase II ESA investigation is determined necessary to characterize the nature and extent of the RECs identified. Environmental Site Assessments (ESAs) will be planned for and accommodated based on community need. BCA anticipates two Phase I and one Phase II ESAs will be completed per quarter. Assessment project information will be uploaded to ACRES and posted on the State website.	As needed	Project goals and outputs are deemed consistent with program goals, the approved 128(a) work plan and Brownfields law and guidance. Proposed work is confirmed to be sufficient and necessary to address the site specific issues that are to be investigated and the investigation tasks will be performed in compliance with the approved Brownfields QAPrP. The contractor budget for the fiscal year is tracked.	All activities will be in compliance with grant contracting regulations. The NDEP Scope of Work approval letter summarizing the work to be performed and the not-to-exceed budget will be forwarded to the EPA.
Subtask D: **Scoping sessions for large scale Phase II ESAs**	Scoping sessions, if necessary, will be coordinated with Region IX and QAMS staff to reach consensus for Phase II ESAs. Scoping sessions should only be necessary for large scale Phase II work with extensive sampling or if the proposed contaminant sampling and/or methodology is atypical or complex, or requires non-standard or specialized chemical analyses.	As needed	Scoping sessions with Region IX will act as a third party review and allow us to discuss different aspects of the work with respect to QA/QC and the desired outcome.	BCA project officer will be present for all scoping sessions and will work closely with EPA PO on SAP issues.

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TASK IV. SITE ASSESSMENTS AND CLEAN UPS				See SF424A form for staff position titles and salary percentages.
Subtask E: **Sampling and analysis plans**	BCA will review and approve SAPs prepared under the State's 128(a) program for Phase II site assessments.	As Needed	Compliance with the QAPrP will be verified. Scoping sessions as described above will provide an additional review of the project, if necessary.	Confirms the sampling and analyses performed are sufficient to appropriately characterize the existing risks on the site and adequately address the need and focus of any remediation.
Subtask F: **Laboratory analysis**	Laboratory analysis will be performed using EPA SW 846 Methods by a Nevada Certified laboratory and any exception will meet prior approval of Region IX QAMS staff. Costs for any Phase II analytical work associated with a project will be incorporated into the 128(a) grant budget.	As needed	Track all costs associated with the Phase II work.	Make sure the requested analyses are appropriate, necessary and the costs are reasonable. NBP will coordinate with the Nevada Lab Certification Group to ensure all data meets Nevada standards.
Subtask G: **Data validation**	The Brownfields QAPrP establishes protocols and schedules for necessary audits, reviews and surveillance of the quality assurance program. These approved protocols and schedules will be followed.	As per approved QAPrP	Sample collection and laboratory analyses will meet approved DQOs.	Data validation is performed by qualified parties as defined in the QAPrP.
Subtask H: ***Site cleanup activities supported by 128(a) grant funds.***	Site cleanups will be planned for and accommodated based on community need. Cleanup project information will be uploaded to ACRES and posted on the State website.	As needed	Site cleanups and associated report documenting cleanup will be accomplished. Number of cleanups completed and entered into ACRES.	All activities will be in compliance with grant contracting regulations.

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TASK IV. SITE ASSESSMENTS AND CLEAN UPS				See SF424A form for staff position titles and salary percentages.
Subtask I: **Calibration of emergency response and assessment equipment**	Calibration and equipment checks will be performed on a quarterly basis and in the field at least daily when in use. Recordkeeping will be completed to include the time and date, technician performing the calibration, the equipment's performance, if adjustments were necessary and what adjustments were made, the identification or serial number of any standards use to perform the calibration/check and if the equipment was corrected to acceptable performance range. Additional manufacturer's calibrations will be made on the frequency required by the manufacturer.	Quarterly/ As Required	Maintained equipment will perform to specifications when needed.	Calibration necessary for accurate readings during emergencies.
The Nevada Brownfields ***Subtask J:***	The Nevada Brownfields Program provides outreach to municipalities, redevelopment agencies and environmental consultants through workshops and conferences. Through outreach activities and property assessment, NDEP will evaluate and discuss the option of developing green space in specific locations conducive to this use.	Annual	This approach may open up new possibilities for reuse of sites and community involvement where no other options existed for redevelopment due to funding or the type of contamination on the property.	

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TASK V: ENHANCE THE RESPONSE PROGRAM: ENVIRONMENTAL ASSISTANCE PROGRAM				See SF424A form for staff position titles and salary percentages.
Subtask A: **Plan and participate in emergency response exercises with other State and County agencies and implement Standard Operating Procedures (SOPs).**	Continue testing SOPs as needed during tabletop and full-scale exercises. Amend SOPs as needed after exercise completion to implement lessons learned.	Annual	NDEP exercises and responses to environmental incidents will be defined and implemented.	
Update environmental ***Subtask B:***	NDEP staff will participate in updating all plans, as necessary, to fulfill our Emergency Support Function – 10 (Hazardous Materials) role at the Division of Emergency Management and continue to be a part of State response planning activities.	Annual	Annual update of plans allows NDEP to be prepared for emergencies. Collaboration of the updates allows for other State agencies to understand our role in those emergencies.	
Subtask C: **Implement a Humboldt River Geographic Response Plan (GRP). Assist with updates to the Tahoe Basin, Carson River, Walker River, Truckee River and Colorado River GRPs as requested and necessary.**	NDEP is actively working with EPA OSC on the creation of a Humboldt River GRP. The Truckee River, Walker River, Carson River, Tahoe Basin and Lower Colorado River GRPs are completed. Review and update GRPs on 5-year schedule in accordance with EPA OER guidance and Oil Pollution Act requirements. Full-scale and tabletop drills to exercise GRPs will be initiated by other entities as appropriate.	Ongoing activity	NDEP staff will work closely with EPA OSC to update existing GRPs and plan exercises and trainings to maintain the relevance and functionality of the GRPs.	These exercises are separate from those outlined in Task V-A above.

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TASK V: ENHANCE THE RESPONSE PROGRAM: ENVIRONMENTAL ASSISTANCE PROGRAM				See SF424A form for staff position titles and salary percentages.
Subtask D: **Outreach to other local, state, tribal and federal agencies.**	The NDEP will perform routine outreach for the Environmental Assistance Program to county Local Emergency Planning Commissions (LEPC); this includes county LEPCs. Outreach will detail NDEP's roles, responsibilities, and ability to respond to various types of incidents. We will perform tabletop exercises with each LEPC, individually or as a regional exercise incorporating proximate counties. Development of a Tribal Collaboration Policy to facilitate remediation efforts when a release affects state and tribal lands.	Quarterly update	LEPCs are trained and aware of EAP role and capabilities and vice-versa. Geographic Response Plans will be part of these exercises to the extent practicable. Outreach and collaboration with the 27 Tribes located within Nevada.	Outreach for 128(a) and 104(k) projects can be added to this service as outlined in Task IIIB. Conference calls are an option.
Provide technical ***Subtask E:***	NDEP staff will provide technical support for environmental emergencies throughout the State. If on-site assistance is requested by a responder, NDEP can provide assistance. NDEP will be coordinating with the EPA OSC to provide mercury release training throughout the state.	Ongoing activity	Proactive hazardous release prevention through outreach and education of emergency responders and local agencies.	
Subtask F: **Duty Officer Spill Phone Rotation**	Carson City and Las Vegas NDEP Duty Officers will be available to answer the Spill Phone after hours and on weekends and will staff the State Emergency Operations Center as necessary.	Ongoing activity	NDEP 24/7 availability to provide technical support and dispatch resources to environmental incidents.	Duty officers will be located in Carson City or Las Vegas. Duty officer standby pay is 5% of the base salary as reflected in the SF424A.

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Subtask G: **Environmental Assistance Coordinator Rotation**	NDEP will continue use of Environmental Assistance Coordinators to be available after hours and on weekends to respond to environmental emergencies.	Ongoing activity	NDEP 24/7 availability to respond to environmental incidents	Response Officers will be located in Carson City or Las Vegas. Response officer standby pay is 5% base salary as reflected in the SF424A.

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TASK V: ENHANCE THE RESPONSE PROGRAM: **ENVIRONMENTAL ASSISTANCE PROGRAM**				See SF424A form for staff position titles and salary percentages.
Subtask H: **Emergency response (release) reporting. Receive and route release reports and notify appropriate State and federal regulatory emergency response entities of release reports received.**	a. Receive release information reported to the Division and record it into the Division's Local Area Network system in the Spill Database and provide reports to the NRC as required. This will be an ongoing activity throughout the grant period. b. Route release reports received to the appropriate NDEP environmental program (e.g. Corrective Actions, Air, Water Pollution Control, Waste Management, etc.) within one working day. c. As required under MOU's or local agreements, notify appropriate state and local entities of release incidents reported to the NDEP within the time frames negotiated.	Monthly and ongoing activities	Approximately 700 spill/release reports will be recorded and distributed this year. Electronic summary reports will be routed monthly to appropriate agencies as needed.	
Complete outreach for the ***Subtask I:***	Disseminate and present the Plan to all stakeholders including county, municipal, and tribal emergency responders.	Sept 2019	Inland oil spill response training for local responders and NDEP personnel. Overall increased ability to respond to incidents involving oil or other hazardous substances on the Humboldt River.	
TASK VI: ENHANCE THE RESPONSE PROGRAM: INTERNSHIP PROGRAM				See SF424A form for staff position titles and salary percentages.

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Subtask A: **Intern recruitment**	Collaboration with the University of Reno's Internship Program	Spring 2018	Participation at UNR summer intern recruitment fairs	

TASK VI: ENHANCE THE RESPONSE PROGRAM: INTERNSHIP PROGRAM				See SF424A form for staff position titles and salary percentages.
Subtask B: **Oversee intern**	Supplement AML Branch and Superfund Branch staff with qualified upper class undergraduate students. With close supervision and clear guidance, student interns assist the AML Branch in planning, conducting and performing site screens, and performing data reduction and analysis. Student interns working in the Brownfields Program help maintain the web site and update the project databases, address program inquiries, review draft documents and perform other administrative tasks as needed.	Summer 2018	Help manage the AML Branch and Superfund Branch workload and allow full-time staff more time to focus on planning and program development tasks.	Student interns typically work a 40-hour week as contract employees starting in early June through mid-August.

Candidate List of Inventories/Site-Specific Assessments/Cleanups
To be determined during the project period based on applications received and remaining funds.

QUALITY ASSURANCE:
Will environmental data be collected under this agreement? Yes
Do you have an approved Quality Management Plan? Yes
Do you have a current Quality Assurance Project Plan (QAPP) for any environmental data collection activities? Brownfields –Yes; AML –in development
All Brownfields data collection activities are consistent with the requirements of and qualified through the Region IX-approved Brownfields Quality Assurance Program Plan.

6. REMAINING FUNDING ON EXISTING GRANTS

Table 3. Remaining Funding in All Open State and Tribal Response Program Cooperative Agreements

Agreement Number	Remaining Funds ($)	Describe the status of prior year TRP funds and how these remaining funds will be used.
00T84901	$0	n/a
Total ($):	$0	

7. CURRENT FUNDING REQUESTED with narrative discussing the basis of the costs: $650,000

The Bureau of Corrective Actions (BCA) continues to maintain, update and enhance the State of Nevada Response Program capabilities with Federal 128(a) grant funding. The funding supports the Brownfields Program, Environmental Assistance Program (EAP), Certification Program (CP), the Abandoned Mine Lands (AML) Branch, and the Remediation Branch in the following capacities: 1. Everyday maintenance and oversight of these programs; 2. Maintaining and enhancing the public record; 3. Conducting outreach to communities throughout Nevada; 4. Reviewing the eligibility of potential Brownfields projects (including 104(k) applicants) and managing existing Brownfields projects; and 5. Attending training, conferences, and meetings for programs the 128(a) grant supports.

As anticipated, as Nevada's economy shifts from the recessive state of the past few years, there is increasing need for the turnaround of remediation eligible Brownfields sites for business development. This is the justification for an increase in funding for Contractual work and the consistent funding of personnel. The State Brownfields Program has made a concerted effort to work with Nevada's more communities to determine what portion of their property is being underutilized due to hazardous material and petroleum releases. This year, we see this effort come to fruition. Sites in the counties of Esmeralda, Mineral, and Nye have been identified through a previous 104(k) Brownfields grant to need further assessment in SFY2018. These properties had ESA Phase I assessments completed and need ESA Phase II assessments to move forward for redevelopment into viable commercial properties.

BCA is continuing the update of the Project Tracking database. Funds will be expended to include the Spill Reporting Hotline and Certification Program. By incorporating all program areas, the database provides a more efficient means of tracking assessment and remediation cases. Additionally, NDEP is updating the entire website (www.ndep.nv.gov) and incorporating the Bureau-wide database with an expected completion date of December, 2019;

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accordingly, BCA is developing and enhancing its website for SFY2019 to provide mechanisms for greater public participation and program accessibility. This includes online program registration, online spill reporting, and updates to all pertinent information.

The EAP will be updating the State Hazardous Material Response Plan according to the State Comprehensive Emergency Management Plan. The need was identified to completely overhaul the Response plan from a resource guide to a working document. This is a collaborative effort between several stakeholders including the State Fire Marshall and Division of Emergency Management. Additionally, the EAP is collaborating with the EPA OER On-Scene Coordinator (OSC) to update Geographic Response Plans (GRP) for water bodies in the State to maintain compliance with the Oil Pollution Act of 1990 and implement the GRP for the Humboldt River. Additionally, the EAP has identified mercury releases to be a continual threat throughout the state. We are working with EPA OSC to provide training throughout Nevada to the Local Emergency Planning Committees, first responders, schools, and any other interested parties on mercury release remediation. This outreach will continue throughout FY2019.

The AML Branch continues to collaborate with federal and state AML agencies, local jurisdictions, and industry. The AML Branch will continue to provide PA/SI site screens to EPA, and discuss AML site priorities with the EPA Project Officer. The AML Branch will continue to update and maintain the web-based geospatial database, and share data and information with key AML partners and stakeholders. The AML Branch will continue to work with the EPA QA Officer on development and approval of the AML QAPrP, and will aim to finalize and implement the AML QAPrP during FFY 18. Eligible AML sites will be evaluated for inclusion under the Brownfields Program for redevelopment.

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Table 4. Sample Budget Summary

Category	TASK 1 Brownfields Program	TASK 2 Environmental Assistance Program	TASK 3 Abandoned Mine Lands Branch	TOTAL ($) (add across)
Personnel	$123,695	$123,695	$27,486	$274,876
Fringe benefits (35 %)	$43,293	$43,293	$9,620	$96,206
Travel	$2,000	$2,000	$2,000	$6000
Equipment	$4,000	$0	$4,000	$8,000
Supplies	$1,500	$0	$0	$1,500
Contractual	$150,105	$0	$0	$150,105
Construction	$0	$0	$0	$0
Other	$29,300	$0	$0	$29,300
Indirect Rate (22.64 %)	$37,806	$37,806	$8,401	$84,013
TOTAL ($) (add down):	**$391,699**	**$206,794**	**$51,507**	**TOTAL: $650,000**

Nevada Division of Environmental Protection, Bureau of Corrective Actions **Federal FY2018 128(a) – Funding Plan Summary**	
ESTABLISH OR ENHANCE THE FOUR ELEMENTS	**$162,500**
ENHANCE AND MAINTAIN THE PUBLIC RECORD	**$100,750**
ENHANCE THE STATE RESPONSE PROGRAM	**$172,250**
SITE-SPECIFIC ACTIVITIES	**$214,500**
TOTAL FUNDING	**$650,000**

8. FOR TRIBAL ENTITIES WHICH HAVE <u>NEVER</u> RECEIVED CERCLA 128(A) FUNDING, PLEASE RESPOND TO THE FOLLOWING: N/A

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9. GREENING GRANTS POLICY COMPLIANCE

In accordance with Sustainable EPA Region 9 Greening Grants Policy Measures and Practices, Nevada Division of Environmental Protection would like to report inclusion of the following green measures and practices into their FY2018 grant work plan

Overall Objective: NDEP's sustainability strategy supports our organization while focusing on reducing our environmental footprint through the cooperation of every NDEP employee.

I. Materials Management: Resource Conservation and Green Disposal

- NDEP digitally communicates both internally and externally whenever possible.
- NDEP utilizes material collection in the office for all recyclables used in the office including paper, cardboard, plastics, and aluminum. BCA estimates the volume of these recyclables at 900 gallons per month.
- NDEP recycles all ink, toner and printer cartridges; techno-trash (e-waste) and batteries; and purchases only recycled paper and letterhead. NDEP has set all capable printers to duplex print (two-sided) defaults.
- NDEP utilizes recycled paper products whenever feasible.

II. Green Conferences/Meetings and Alternatives to Traditional Travel

Recipient will strive to hold teleconferences and webinars in lieu of travelling out of the area for conferences.

III. Green Building and Construction Practices

NDEP's building is designed to maximize natural light by maximizing window space on all four exterior walls and minimizing closed space and interior walls to allow maximum penetration of natural light to interior workspace. The HVAC and lighting systems use numerous sensors throughout the building that provide data to an intelligent control system that analyzes the sensor data in real-time and adjusts heating, cooling and lighting needs automatically. The HVAC and lighting systems are also programmed to minimize use after typical work hours between 6:00 PM through 7:00 AM and weekends. All computers and office equipment are programmed to go to sleep after a period of inactivity.

IV. Fuel Efficient Vehicles

BCA maintains two hybrid vehicles in its motor pool. One is a Prius and the other is a Ford F150 that has been retrofitted to run on propane or gasoline. These vehicles are used for field visits and inspections

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