



Basin Environmental Improvement Project Commission 2025 Five Year Work Plan

Human Health Remedies

BPRP & Recreation

Scope

Determine remediation need of properties and drinking water sources

Assess human health risks associated with recreational activities

Provide fish advisories related to heavy metals

Objective

Remediate properties

Implement actions to reduce lead exposure at recreation sites in the Basin

Lead

IDEO

EPA

CDA Tribe

PHD

Human Health Remedies

Updated Residential Soil Lead Guidance

Scope

Screening level reduced to 200/100
PPM Lead

Screening levels are not cleanup
levels

Cleanup levels are developed after
consideration of relevant site
information

Assess if cleanup levels and actions
used at Bunker Hill remain
protective considering the
recommendations

Objective

Evaluate if changes to current
residential soil clean up levels are
necessary

Lead

EPA

DEQ

PHD

Human Health Remedies

Lead Health Intervention Program

Scope

Prevent elevated blood lead levels in children and others within BHSS

Identify children with elevated blood lead levels and provide in-home follow-up services

Provide information on effectiveness of LHIP, clean up programs and ICP

Objective

PHD uses the 3.5 micrograms per deciliter as the trigger for follow up

Blood lead screening will continue during this 5-year period

Lead

DEQ

PHD

Waste Disposal Area Development & Management

Scope

Plan, develop, and manage engineered waste disposal areas

Two primary types of engineered waste disposal areas: Five repositories, and two Waste Consolidation Areas .

Planning for a third WCA was initiated in 2020

Objective

Continue implementation of the Waste Management Strategy

Evaluate repository and WCA cover design criteria

Consider the feasibility of future use options

Continue operations of repositories and WCAs

Continue to explore potential sites and development plans for WCA site(s) in the Lower Basin

Lead

EPA

CDA Trust

DEQ

PHD

Upper Basin Remedies

Scope

Implement source control and water treatment remedies, ecological cleanup projects, and related human health activities

Coordination on natural resource restoration actions

Operate the groundwater collection system and upgraded Central Treatment Plant (CTP)

Source control actions in the Canyon Creek and Upper South Fork CDA watershed

Objective

Source control remedial actions to address contaminated surface water, soil, sediments, and source materials

Remedies are prioritized to reduce human health exposures and the contribution of contaminants downstream

Coordinate Cleanup actions with natural resource restoration

Adaptive management will prioritize human health exposure and effectiveness of actions

Lead

EPA

CDA Trust

DEQ

Restoration Partnership

Lower Basin Remedies

Scope

Evaluate and prioritize ecological and source control remedies

Conduct pilot projects to address contaminated riverbed

Implement remedies that have low potential for recontamination and inform future remedy decisions

Characterize and prioritize riverbank segments for stabilization

Coordinate remedies with restoration activities

Identify recreation areas for remediation or development of clean areas

Educate recreation users regarding health risks

Objective

Address risks to human health: property cleanups, remediate recreation sites, and education

Utilize information and recommendations for active remediation, evaluate remediation technologies, and areas for natural recovery

Utilize the Lower Basin PFT to evaluate source control, habitat cleanup and human health

Test supplemental actions to reduce downstream transport of lead.

ROD amendment or ESD may be necessary

Plan and Implement habitat and riverbed pilot projects

Characterize wetlands, address mobilized contaminants in river system, and inventory recreation sites for remediation

Lead

EPA

CDA Trust

CDA Tribe

Restoration Partnership

State and other federal agencies

Basin Environmental Monitoring

Scope

Implement remedy effectiveness and long-term monitoring

Data management for the Bunker Hill Site has largely transitioned to Scribe.net

Objective

Utilize updated BEMP management plan

Evaluate the progress of cleanup actions and adjusting monitoring program to inform ongoing and upcoming cleanup actions

Utilize area-wide remedial action effectiveness monitoring plans for the Ninemile and Canyon Creek Basins

Draft area-wide remedial action effectiveness monitoring plan for the Lower Basin

Lead

EPA

DEQ

CDA Tribe

USFWS

USGS

O & M

Private properties remediated under BPRP

- Individual property owners

Public gravel and paved remediated roads

- Local governments with jurisdiction over roads

Remedy protection program

- Governmental jurisdictions or property owner
- Environmental covenants filed as riders to deeds of remediated property

CDA Work Trust is responsible for their own work

- Except: road and remedy protection projects, gray's meadow after five years, and others

CTP and Ground Water Collection System

- IDEQ

Other remedies under CERCLA

- IDEQ

Remedies on BLM and NFS administered lands within the site and North Fork of CDA River

- BLM, USDA FS

Coeur d'Alene Lake Activities

Increase Scientific Understanding

Activity

Core Lake WO monitoring

Evaluate Third-Party Review

Science Coordination Team

Scope

Monitor for metals, nutrients, physical parameters, and biological communities

Utilize the NAS third-party review of lake data, coordinate on future data collection priorities, and strategize on the path forward

SCT formed to guide lake management science priorities moving forward

Lead

DEQ

CDA Tribe

EPA

USGS

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Coeur d'Alene Lake Activities

Develop and implement a nutrient reduction action plan

Activity

Basin-wide nutrient inventory

Bank erosion inventory

Implementation coordination

Aquatic Invasive Species

Remedy implementation support

Scope

Continue nutrient monitoring data in lake tributaries

Share results with stakeholders to inform decision-making

Update Bank erosion inventories

Continue to collaborate with lead participants to identify WQ improvement projects

Continue implementing aquatic plant surveys

Continue to participate in the Lower Basin PFT and TLG

Lead

DEQ

CDA Tribe

Avista

SWCDs

NRCS

RP

ISDA

Kootenai County

BEIPC

EPA

Coeur d'Alene Lake Activities

Increase public awareness of lake conditions and influences on water quality

Activity

LakeASyst

Demonstration sites

Our Gem Coeur d'Alene Lake Collaborative

K-12 Education

General Outreach

Local Gems

Scope

Continue to utilize materials

Utilize projects to demonstrate effective strategies and for public outreach

Share information and get feedback from the basin-wide community

Organize an Our Gem Coeur d'Alene Lake Symposium for early 2026.

Incorporate water quality education into classroom: The Confluence Project

Participate in relevant education and outreach opportunities

Continue to support the Local Gems Recognition and Awards program

Lead

DEQ

CDA Tribe

Stakeholders

SWCDs

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K-12 schools

CDA Chamber

BEIPC

Other Activities

Flood control and infrastructure revitalization

Continue to work on potential flooding issues on the SFCDR

Work with FEMA on new flood maps

Communications and public involvement

Continue to address issues and facilitate public involvement and education in BEIPC activities

Restoration Partnership

Continue to implement Restoration Plan working to restore injured natural resources.

Coordinate restoration with remediation actions