

Remediation Technical Support



IEC provides remediation consulting services tailored to address the unique needs and interests of the U.S. Environmental Protection Agency's (EPA's) partners (e.g., Tribes, states, and federal agencies) throughout the hazardous waste site cleanup process. Staff expertise includes risk assessment, contaminant and natural resource evaluations, remedial technologies and sampling methods, remedial design, Superfund/CERCLA policy, and regulatory support.

OUR SERVICES

- Inform and communicate clients' positions on technical and procedural elements of the remedial process, from site listing through remedy construction and monitoring.
- Distill large volumes of highly technical information, focusing on topics most relevant to clients' priorities.
- Represent client interests at technical meetings with lead cleanup agencies and potentially responsible parties and at community meetings.
- Provide assistance for government-to-government consultations (highlighted on back page).
- Develop public outreach materials to communicate site risks.
- Review and provide comments on technical documents, including work plans, risk assessments, remedial investigations and feasibility studies (RI/FS), proposed plans, remedial design documents, and source control evaluations.
- Prepare briefings and materials for technical meetings with partners including EPA's National Remedy Review Board and Contaminated Sediments Technical Advisory Group.
- Provide technical expertise on issues related to cleanup standard development, alternatives evaluation, and remedial technology assessment.
- Serve as a link between remediation and natural resource damage assessment (NRDA) processes including quantifying the natural resource injury associated with remedial actions.
- Design and execute field surveys to determine site use and risks.

CONTACT

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Remediation Support: Government-to-Government Consultations

Government-to-government consultations offer a critical opportunity for Tribes to provide feedback to federal agencies on upcoming decisions. Consultations are intended to facilitate communication between Tribes and federal agencies with a goal of enabling federal agencies to consider the concerns of federally recognized Tribes before making key decisions. Even when regular project communication occurs between a Tribe and federal agency, a consultation may be beneficial in that it typically involves Tribal and federal agency leadership, rather than project-level staff.

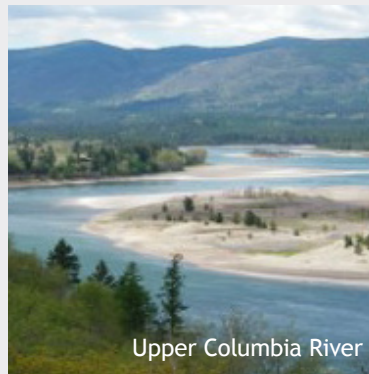
WHAT CAN IEC OFFER?

IEC helps Tribes determine whether a consultation would be beneficial for a specific federal decision. We are experienced at guiding Tribes through the process of requesting a consultation and communicating what to expect from the consultation process. Our experience indicates that consultations are most effective when Tribes have the most up-to-date technical information. We focus on sharing and interpreting technical information for the purpose of informing and supporting Tribal positions on important environmental actions.

To prepare Tribal leadership for consultations, we deliver in-person, interactive presentations. IEC's presentations to Tribes are most often a mutual exchange of information, with Tribes highlighting their concerns and questions. As needed, we follow up these meetings with research to address specific Tribal concerns and questions, as well as development of a fact sheet that highlights key technical issues and that is tailored to Tribes' expressed interests. Our presentation materials and fact sheets have proven to be useful tools to support successful consultations.

Project Examples

For the Grand Ronde, Nez Perce, Siletz, Umatilla, and Warm Springs Tribes, IEC provides technical support on the Portland Harbor Superfund Site. Our work has spanned upland source control, the RI/FS in the context of the Feasibility Study, review by EPA's National Remedy Review Board and Contaminated Sediments



Upper Columbia River

Technical Advisory Group, government-to-government consultations, Proposed Plan, and implementation of the Record of Decision, including remedial design and baseline sampling.

For the New Mexico Office of Natural Resources Trustee and Navajo Nation, in support of the NRDA, IEC provides technical support for review of remedial investigation activities for the Bonita Peak Mining District. IEC conducts technical review of work plans and ecological risk assessment reports; provides briefings, materials, and comments on technical documents; and participates in meetings with technical partners and the community.



Animas River

For a nonprofit law firm, IEC evaluated contaminant data relative to risk thresholds for a river in the Pacific Northwest. The evaluation supported a petition to EPA to evaluate sections of the river for a potential listing on the National Priorities List.

IEC supports the United States Department of the Interior's (DOI) Remedial Investigation activities at a site extending across the jurisdictions of multiple DOI agencies. We coordinate elements of the human health and ecological risk assessments, conduct technical review of site-related work plans and data, and support DOI's communication and public outreach efforts.