Institutional Controls and Data Management

Developing the Site-Wide Institutional Control Implementation and Assurance Plan & Data Platform

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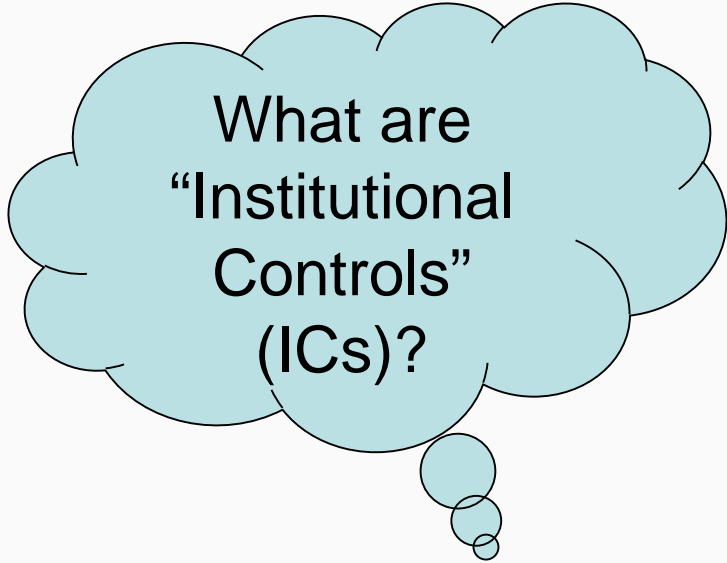| The Basics	
Geographic Scope of Agreement	Portland Harbor Superfund Site
Purpose of Agreement	Future agreement with PRP(s) to develop the Site-Wide Institutional Control Implementation and Assurance Plan & Data Platform
Status of Agreement	EPA in the early stages of development.

"Institutional Controls"

Non-engineered instruments (e.g. administrative and legal controls) that help to minimize the potential for exposure to contamination and/or protect the integrity of a remedial action.

IC instruments generally are designed to achieve the precise substantive use restrictions stated in the Record of Decision to help achieve the site's overall cleanup.
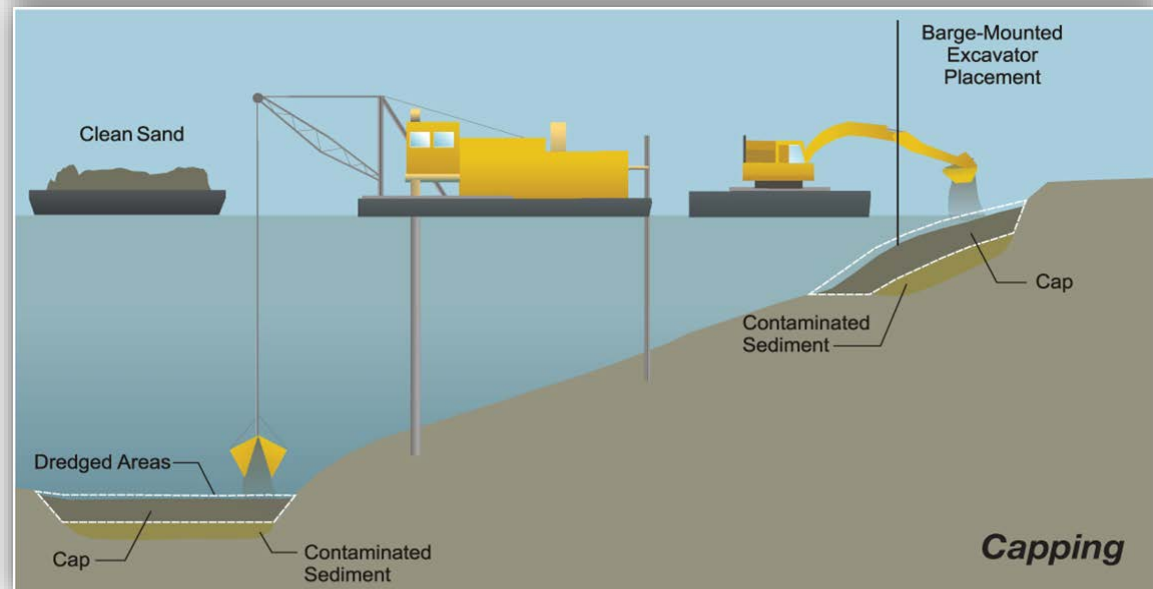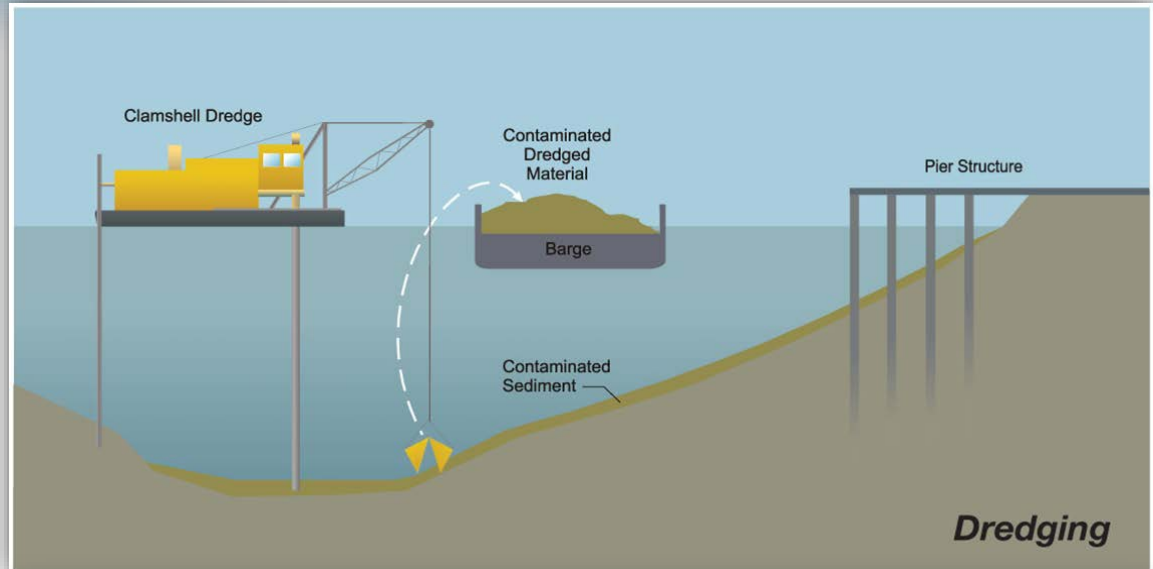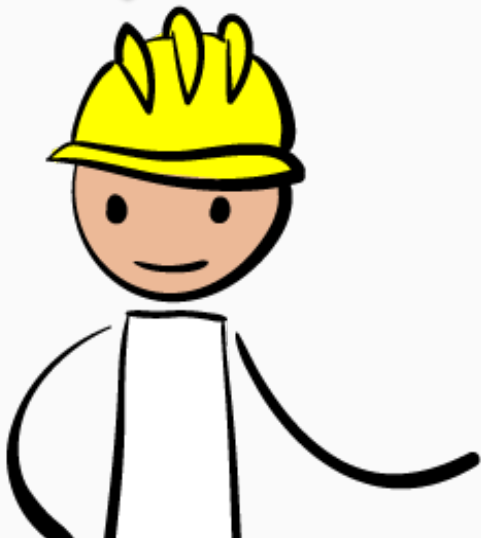
What are "Institutional Controls" (ICs)?

Further Explanations on ICs

Note- ICs are not meant to replace remedial methods (do not reduce toxicity, mobility, or volume of contamination)

Examples of Portland Harbor Superfund Site ICs (from ROD)

Fish advisories and educational outreach

Waterway use restrictions or regulated navigational areas

Land use/access restrictions

Coordinated permit reviews of in-river work

"Institutional Control Implementation and Assurance Plan" (ICIAP)

ICs for Areas in Remedial Design (RD)

- Each area in RD includes development of a site-specific IC plan;

- Address the site-specific ICs needed to protect the cleanup at that Site;

- Ties into the larger Site-Wide ICIAP

Site-Wide ICIAP

- Establish & document the activities to implement and ensure the long-term stewardship of ICs

- Specifies the entity responsible for conducting these activities

- Identifies the details of how ICs are to be implemented, maintained, enforced, modified, and terminated (if applicable) at a specific site

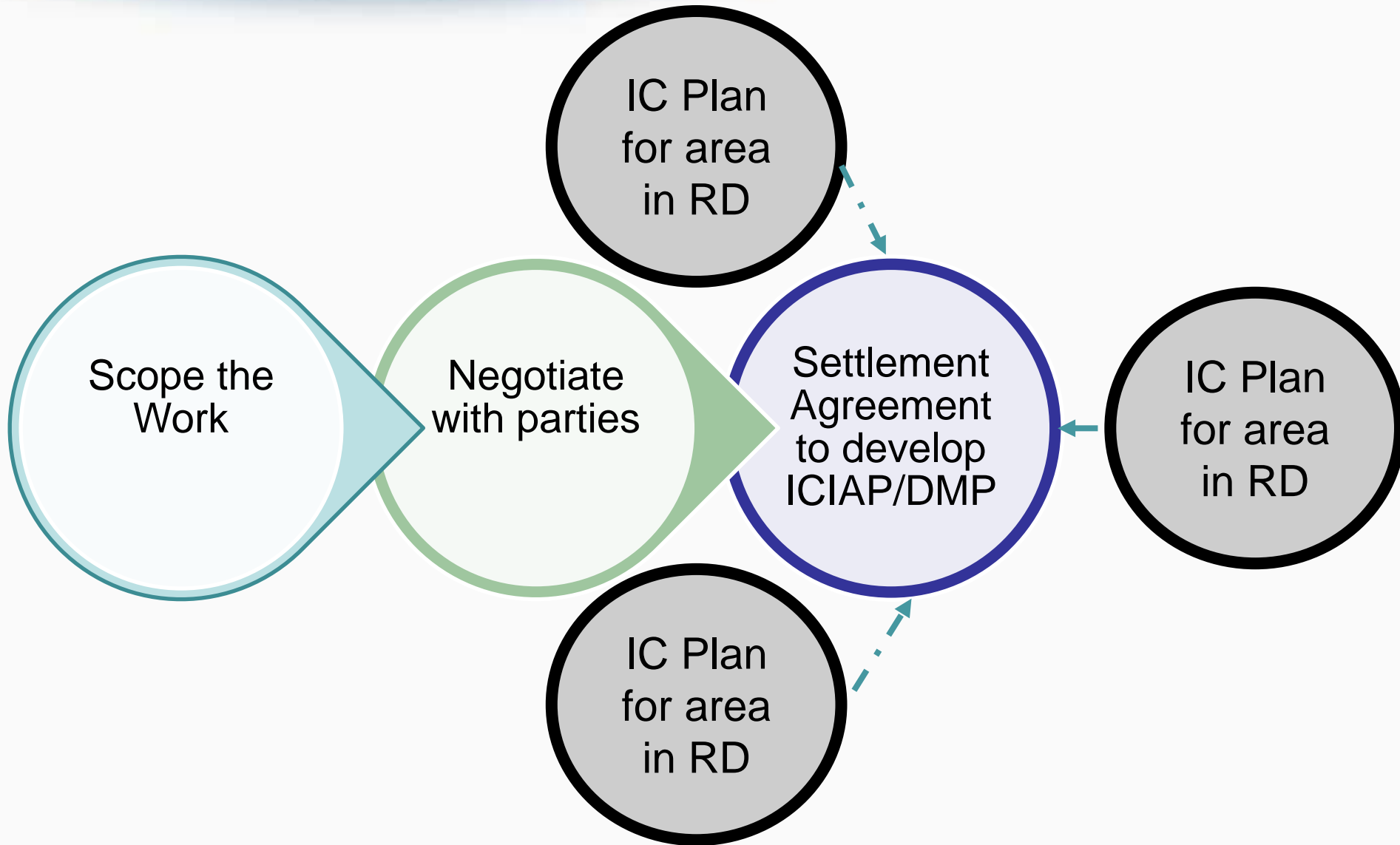- Generally a standalone document that is enforceable if incorporated as a requirement in formal agreements with EPA

Data Management

- Cleanup design and action will result in lots of data (e.g. environmental; IC-related; source control; remedial; Etc);

- EPA national database (Scribe.net) maintains and provides access to environmental data;

- Site-Wide platform needed to make all data accessible to all users;

- Site-wide platform could include IC information as it develops for the Site.

Next Steps

Questions?

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