INDIANA HARBOR AND CANAL (IHC)  
CONFINED DISPOSAL FACILITY (CDF)

Site History

- The ECI site was used as a petroleum refinery until 1986, when the facility went bankrupt. The site was razed and left vacant until the CDF construction started in 2002.
- The site contains a layer of oil on the groundwater, as well as lead and pesticides, left from the past refinery operation. A great deal of debris, buried pipelines, foundations and other objects remains below the surface of the site.
- The CDF design incorporates the “corrective action” for the pollutants left on site.

CDF Features address site legacy issues

- **Legacy**
  - Free Product on Groundwater
  - Extensive soil contamination
  - Buried waste and debris left on site
  - Poor groundwater and surface water quality
  - Poor regional air quality

- **CDF Feature**
  - Groundwater cut-off walls and gradient system
  - Perimeter cover on site; future clay closure cap
  - No digging in center of site; no waste removal
  - Plant on site for GW and surface water treatment
  - Air monitoring and emissions controls

The CDF will contain the dredged sediment from the federal channel and adjacent dockface areas. Dredging will prevent the contaminated sediment from washing into the lake. Each year more than 100,000 cyd of contaminated sediment washes to the Lake, and that includes approximately 67,000 pounds of Chromium, 100,000 pounds of lead, and 420 pounds of PCBs.