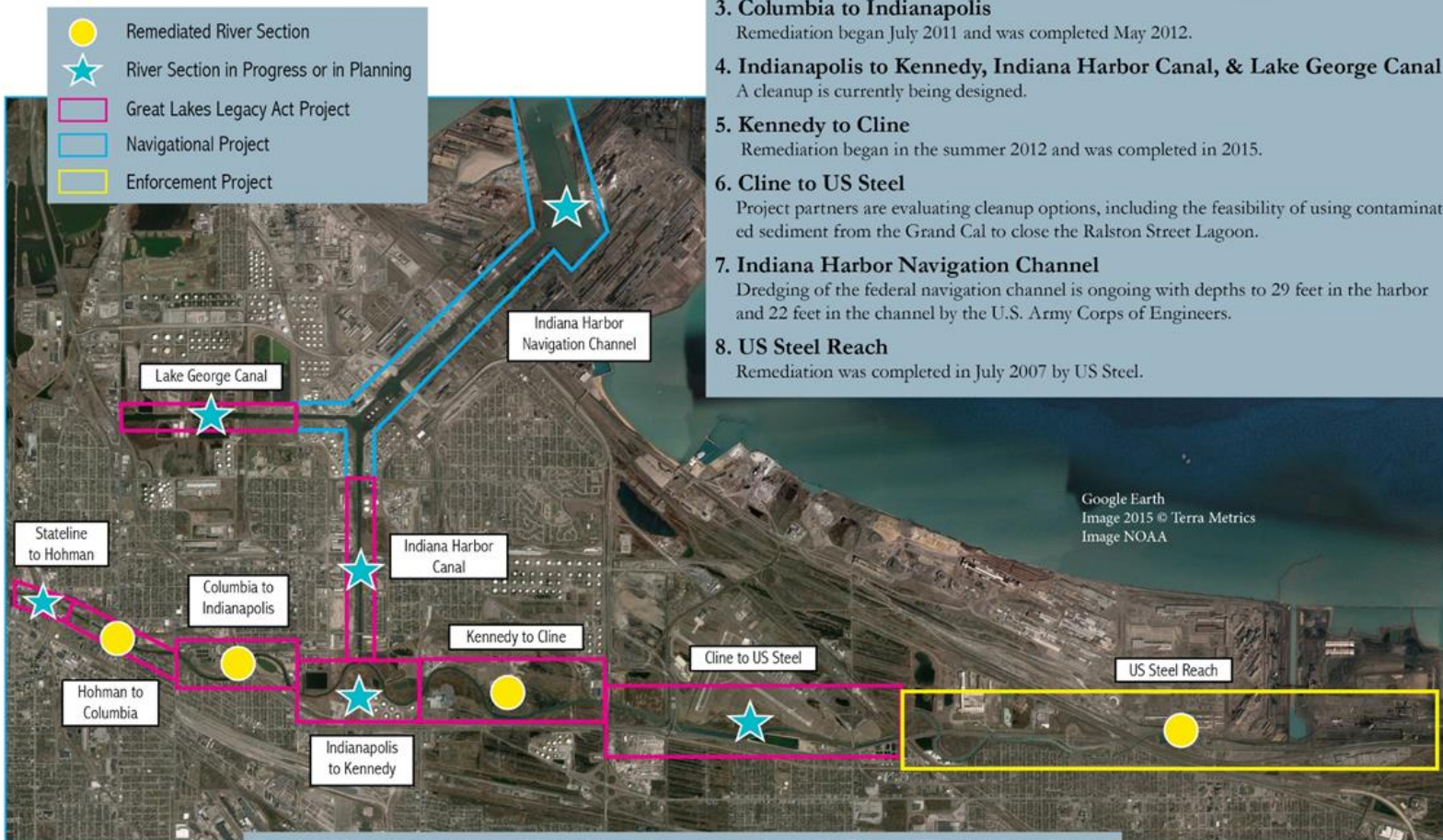


West Branch Grand Calumet River Stateline Sediment Remediation Project



Grand Calumet River Dredging and Capping Areas

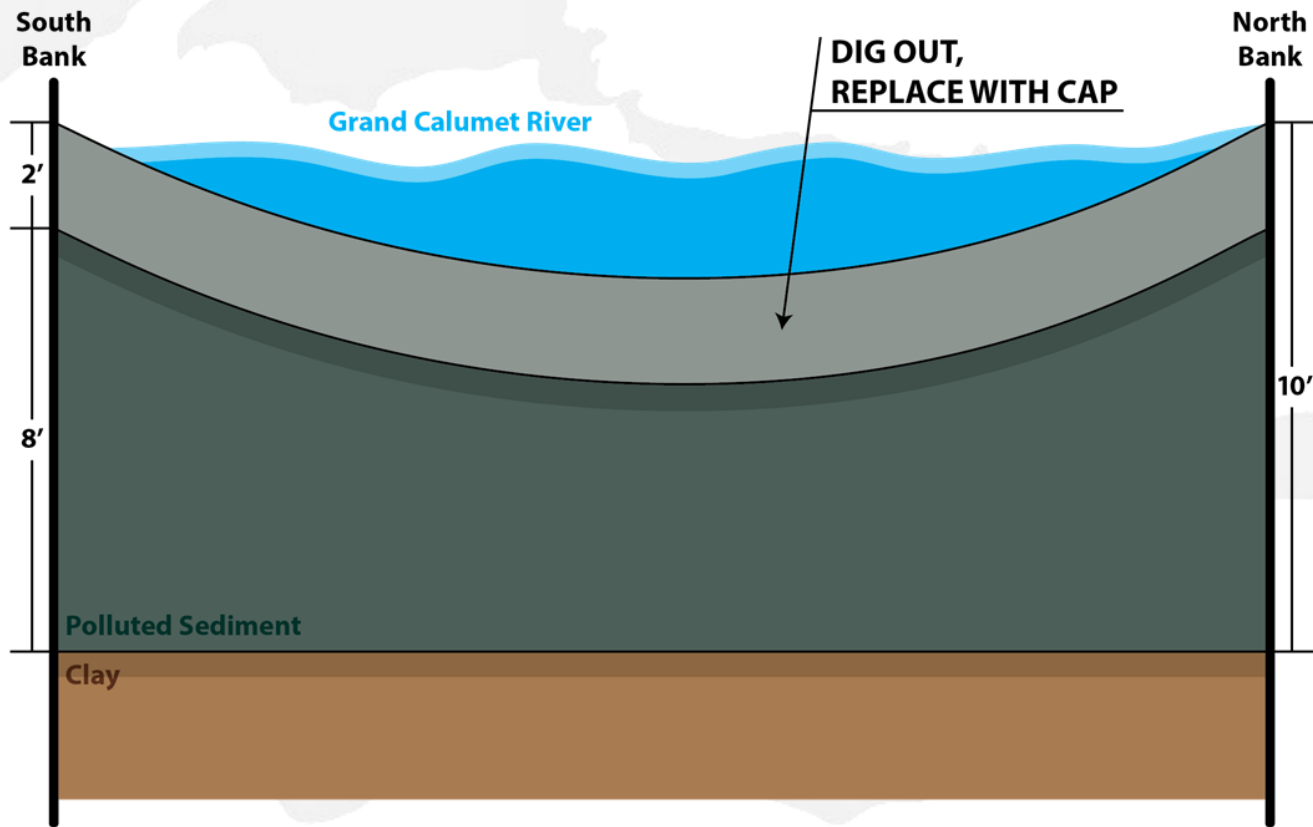


Partners: Many are helping with GLLA sediment remediation, including US Fish and Wildlife Service, The Nature Conservancy, Shirley Heinze Land Trust, Save the Dunes, and municipalities.

Habitat Restoration: Most areas include restoration with invasive species removal and native species plantings.

Note: GLLA river sections get remediated only if projects prove to be feasible and there are partners to share the cost of remediation. Numbered areas 4 and 6 need cost-share partners.

Cleanup Strategy for Grand Calumet River



Completed sediment cleanup and capping west of railroad embankment



Excavation



Capping

Almost finished



Completing capping at state line boundary



Scour protection west of railroad culverts

Rock check dam at state line boundary



Existing sheet pile



Sheet pile covered with stone

Removing temporary water barrier near Howard Avenue



Moving equipment off site



Removing access roads and staging areas



Post construction sampling



Sampling former access roads



Post construction sampling



Sampling stockpiles



Preparing samples for analyses

Restoration



Delivering trees



Planting trees and shrubs

Restoration



Planting wetland plant plugs



Seeding and placing erosion mats

Future activities

- Final grading/seeding – May 2017
- Final planting – May or June 2017
- Ongoing habitat monitoring and invasive species (weed) control



Project Summary

- Started August 2015, completed June 2017
- Removed over 18,000 tons of contaminated sediment
- Replaced sediment with 2 foot cap
- Collected, treated & discharged over 14,000,000 gallons impacted water to Hammond Sanitary District



Before and after



Before and after



Questions

- Diana Mally, USEPA, 312-886-7275
- Caitie Nigrelli, IL/IN Sea Grant, 312-886-1430

