Revise plan w/ new scientific data

Develop aquatic habitat and/or population restoration plan

Scope and design target habitat sites

Restore target sites

All target site restoration implemented

Remove BUI

This BUI will be removed when all projects in the plan are implemented

Key:
- Action/decision step
- End point

Step-wise pathway for removal of Bird or Animal Deformities or Reproductive Problems BUI

Delisting Criteria Approach 1: Is direct observation of wildlife and wildlife tissue data available?*

Yes

Do 2 successive monitoring cycles show problems compared to baseline background (at 95% CI)?

Yes

Are contaminants in eggs and wildlife higher than LODL or baseline control populations (at 95% CI)?

Yes

Determine if difference is caused by local sources

Yes

Identify local sources, develop project work plans

Implement remedial actions

Remove BUI

No

No

No

No

No

Are fish tissue COCs higher compared to Lake Huron (at 95% CI)?*

Yes

Determine if difference is caused by local sources

Remove BUI

Per Statewide assessment


C:\Documents and Settings\Tysliel202\My Documents\EPA\Worl\GLNPO\AOC Detroit\Delist\Detroit AOC pathway for bird or animal deformities or reproductive problems v2.000a. 1-8-13
Step-wise pathway to removal of Degradation of Benthos BUI in non-wadeable waters

1. Do site characterization
2. Identify target contaminated sediment sites in AOC
3. State/Federal agencies develop approved site remediation plans for target areas
4. All remedial actions for known contaminated sediment sites completed & monitored under state or federal authority, in accordance with approved the plans*

Remove BUI

Key:
- Provisional pathway. Details dependent on previous steps
- Action/decision steps
- End point

Step-wise pathway for removal of Beach Closings

Are CSOs causing 303(d) listing of Detroit River being treated or eliminated?*

No

BUI can not be removed until CSOs have been eliminated or are being treated

Yes

Remove BUI

Key:

Step-wise pathway for removal of Aesthetics

Are persistent, high-level, unnatural physical properties (Rule 325) present for 2 successive monitoring cycles?

No

Remove BUI

Yes

Determine source of material

Other

CSO?

Per Statewide Assessment

Ensure sources are addressed

Follow Beach Closing pathway criteria

Remove BUI

Per Statewide Assessment