



Restoration
Partnership

Presentation:
North Fork Coeur d'Alene
WAG
June 26, 2013



Overview

- 1. Restoration Partnership**
- 2. History**
- 3. Natural Resource Injuries**
- 4. Wildlife Assessment and Planning**
- 5. Aquatics Assessment and Planning**
- 6. Services and Uses**
- 7. Restoration Plan and EIS Process**

Restoration Partnership

Natural Resource Trustees / Trustee Council

U.S. Dept. of Interior

U.S. Dept. of Agriculture

Coeur d'Alene Tribe

State of Idaho

Representative Agencies



Restoration Team:

Rebecca Stevens (CdA Tribe), Sergio Pierluissi (USFWS)

Jo Christensen (USFS), Jeff Johnson (BLM)

Dave Leptich (IDFG), Kajsa Stromberg (DEQ)

Caj Matheson - Communication Specialist



Coeur d'Alene Basin

Coeur d'Alene Basin

Legend

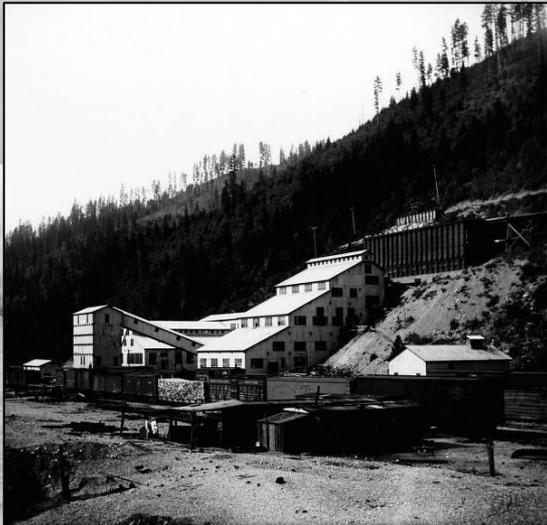
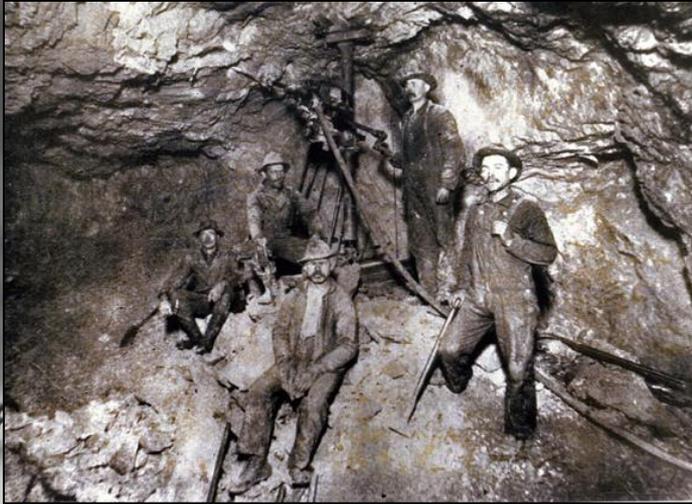
- Subbasins
- Interstate 90
- Highways
- Lakes
- Coeur d'Alene Reservation Boundary
- Land Management**
- BLM
- PRIVATE/OTHER
- PRIVATE/OTHER
- PRIVATE/OTHER
- STATE
- SURVEYED WATER
- USFS



The information depicted on this map is the result of digital analysis performed on a database consisting of information from a variety of governmental and other credible sources. The accuracy of the information presented is limited to the collective accuracy of the database on the date of the analysis. The information is believed to be accurate and reasonable efforts have been made to ensure the accuracy of the map. This map was produced by DEQ, but is a product of the Restoration Partnership. Map created June 2013 by Kajsa Stromberg.



History







Water , Soils, and Sediment

Migratory Waterfowl



Fish and Aquatic Life

Photo courtesy of Pat Clayton



Restoration compared to Remediation





Wildlife



Riparian Condition

Coeur d'Alene Basin Riparian Condition Model High, Moderate and Low Ranks

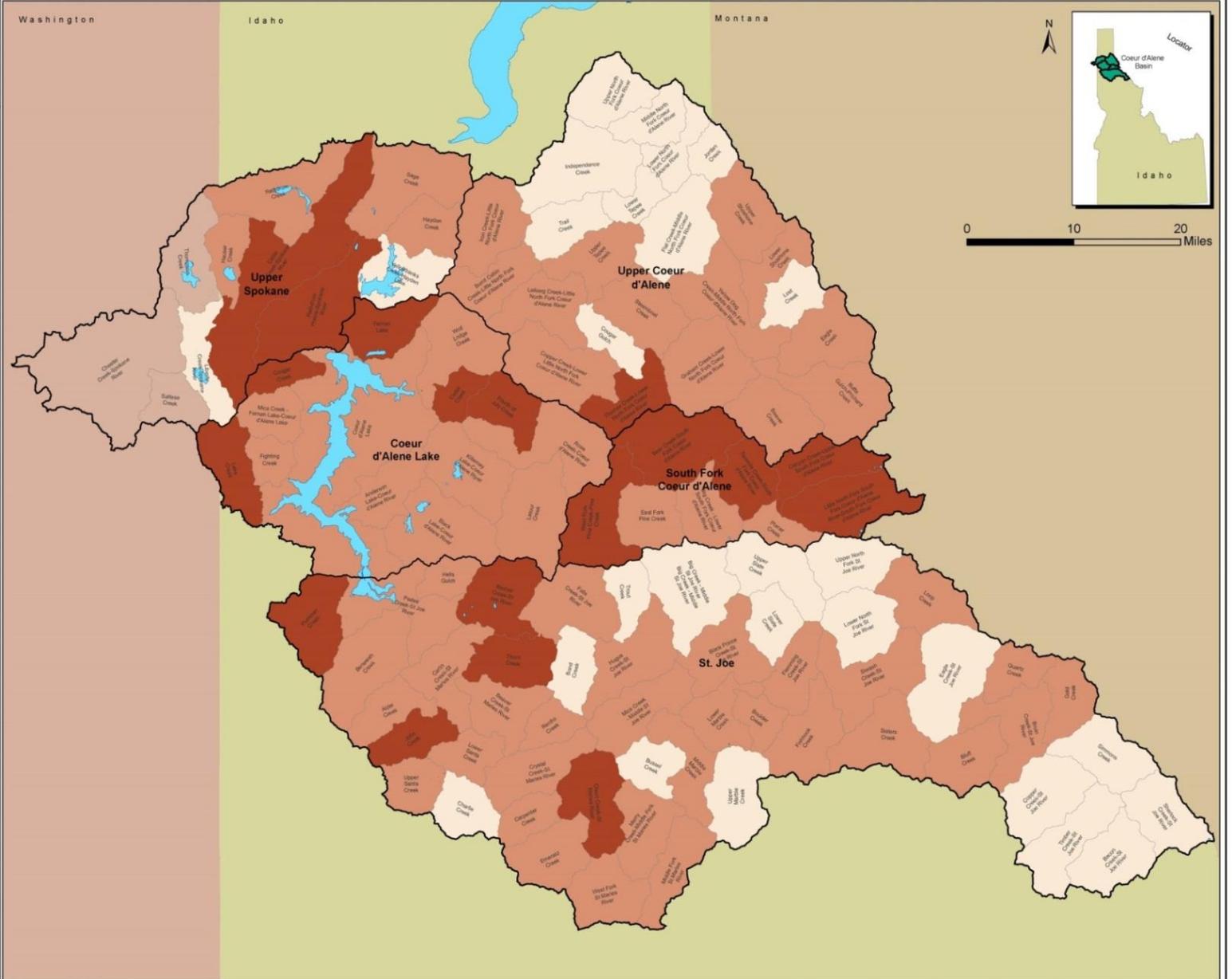
Legend

Watershed

- Subbasin boundaries
- Watershed boundaries
- Lakes

Riparian Condition Rank

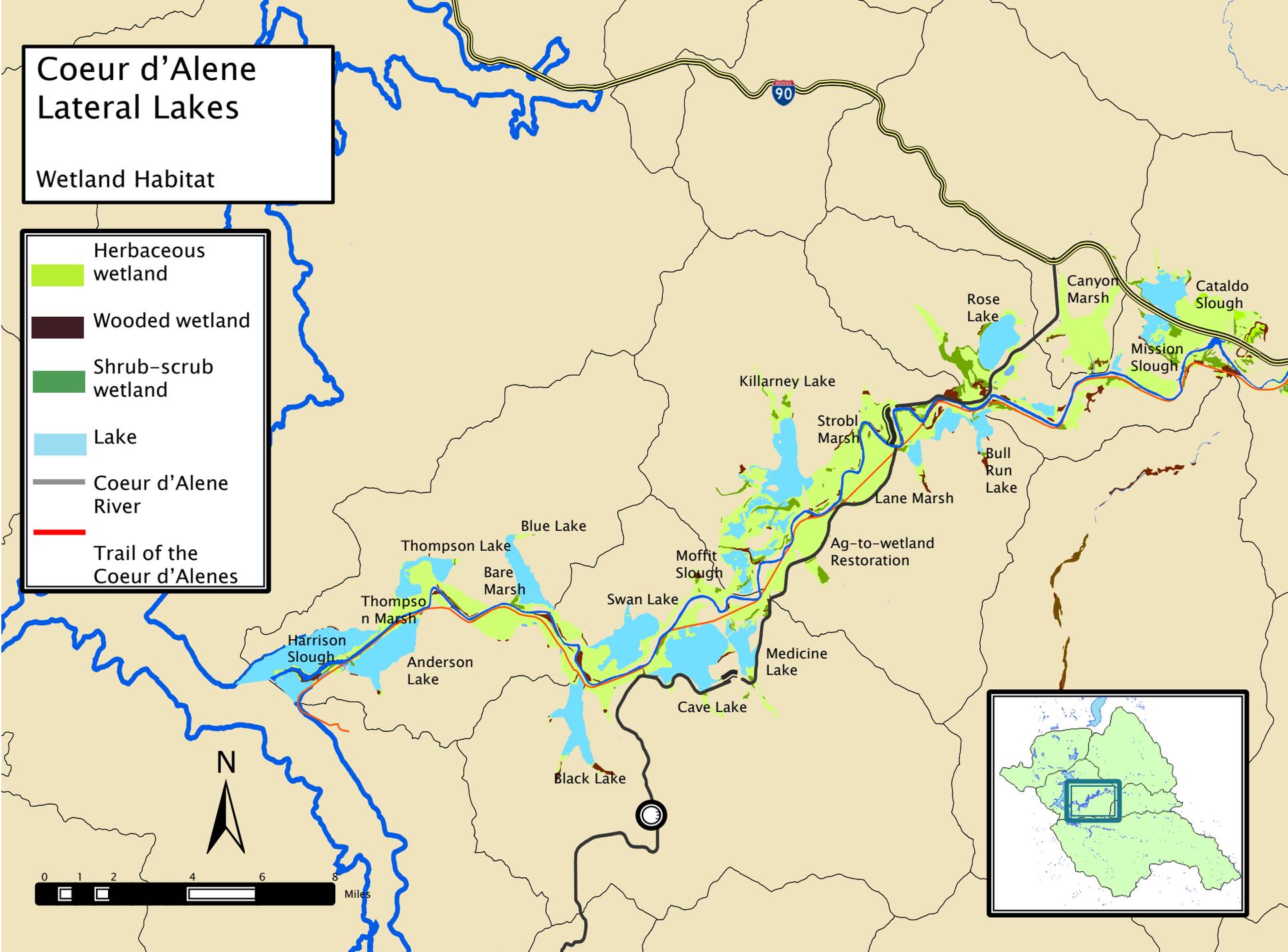
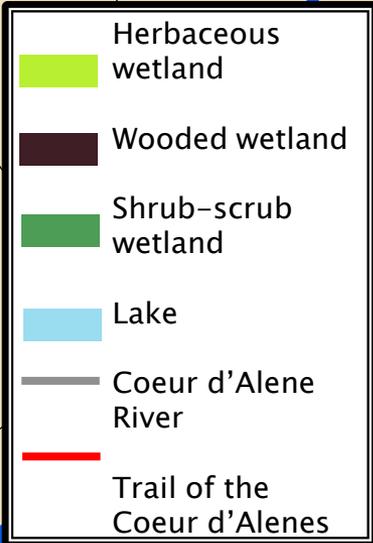
- High (3.78 - 433.10)
- Moderate (433.11 - 850.82)
- Low (850.83 - 1483.20)



Idaho Department of Water Resources
2010
Coeur d'Alene Basin
Riparian Condition Model
High, Moderate and Low Ranks
Map Date: 10/2010
Map Scale: 1:50,000
Map Projection: NAD 83 UTM Zone 12N
Data Source: Idaho Department of Water Resources
Map Author: Idaho Department of Water Resources
Map Contact: Idaho Department of Water Resources
Map Phone: 208-333-3333
Map Fax: 208-333-3333
Map Email: idwr@idwr.gov
Map Website: www.idwr.gov

Coeur d'Alene Lateral Lakes

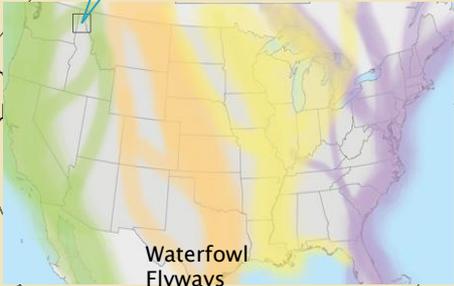
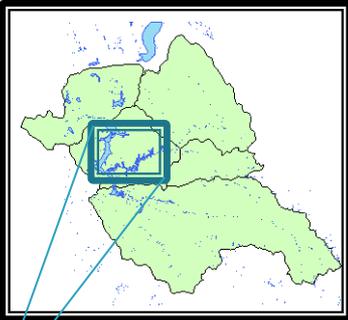
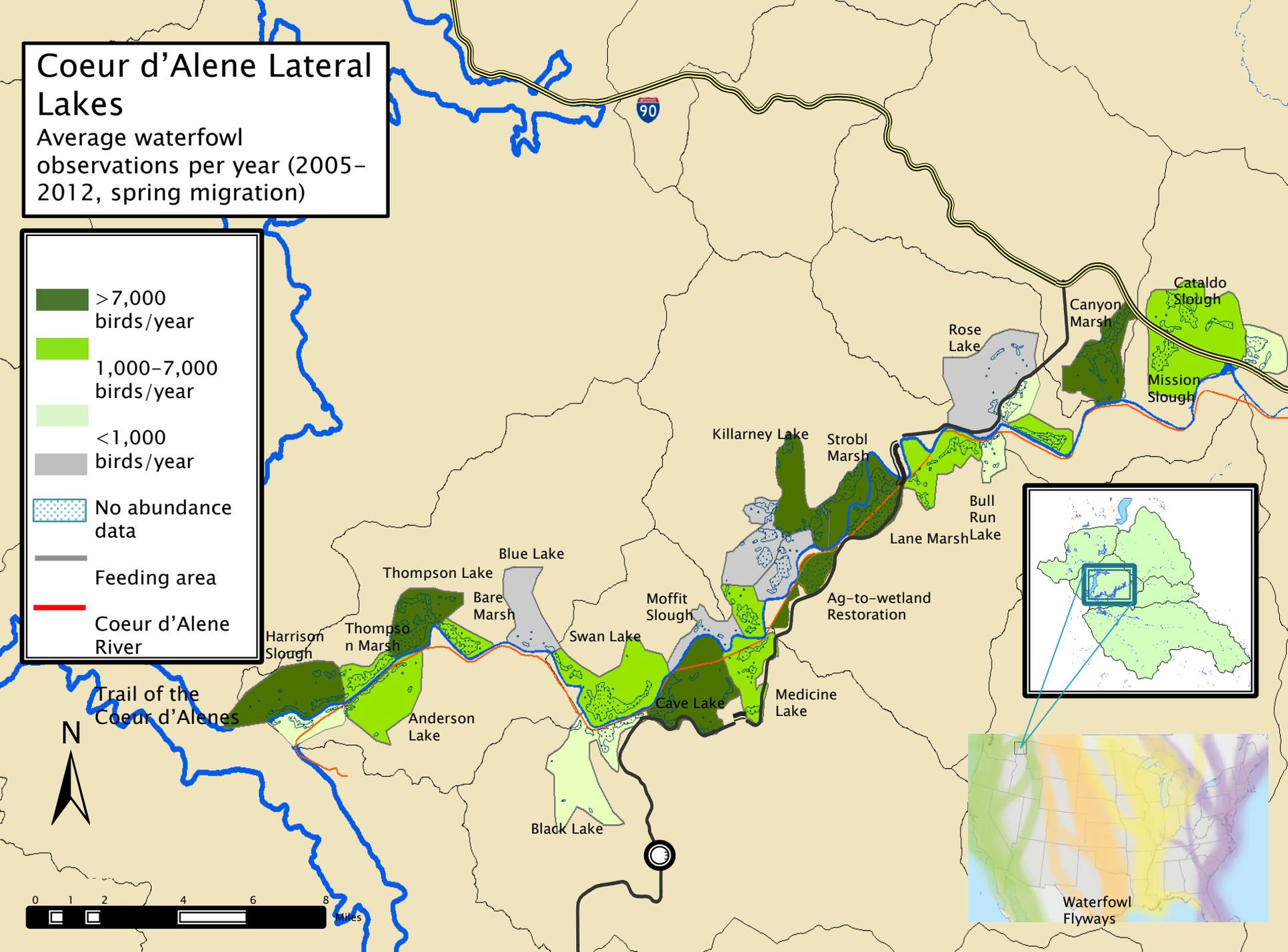
Wetland Habitat



Coeur d'Alene Lateral Lakes

Average waterfowl observations per year (2005–2012, spring migration)

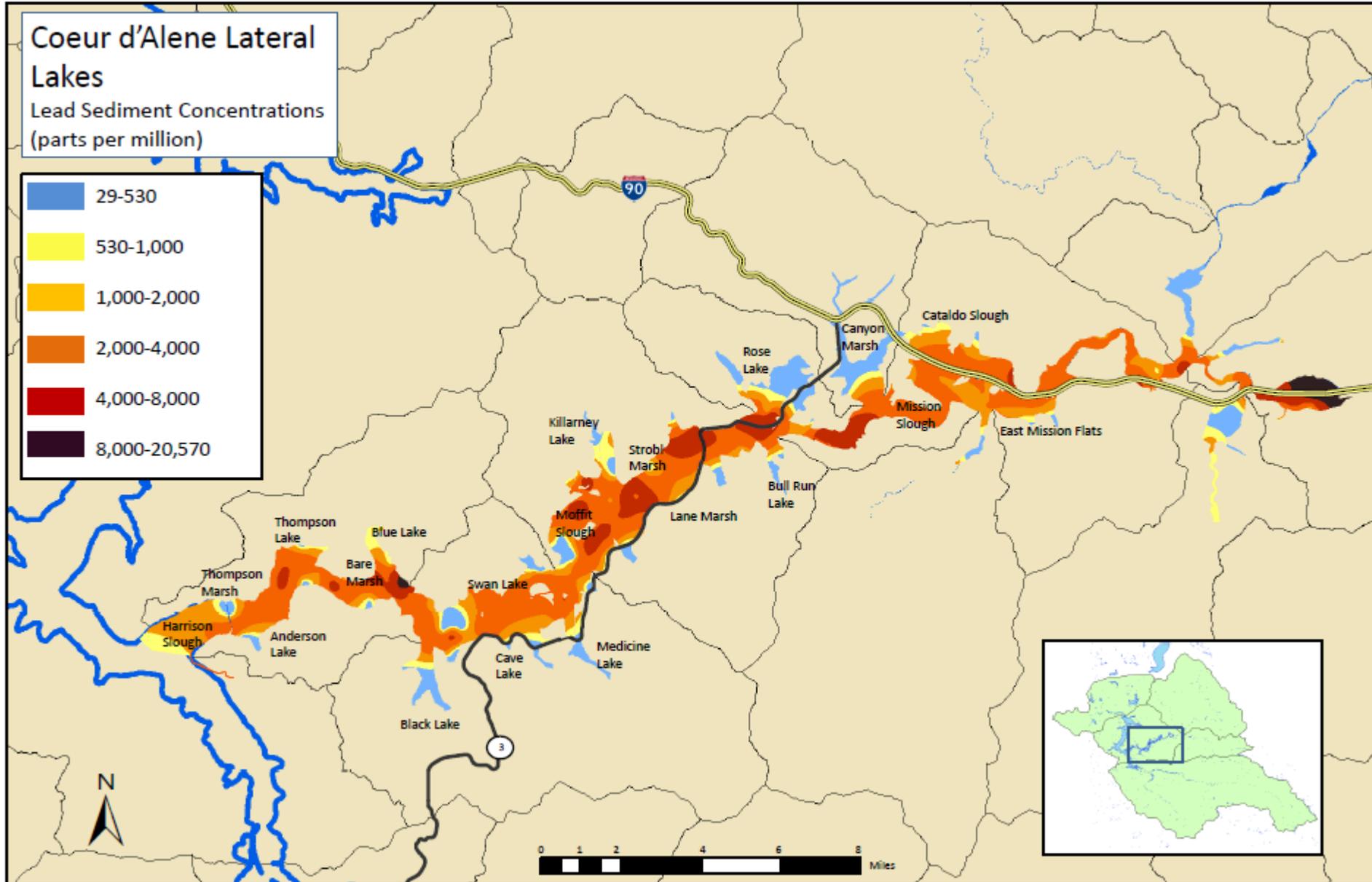
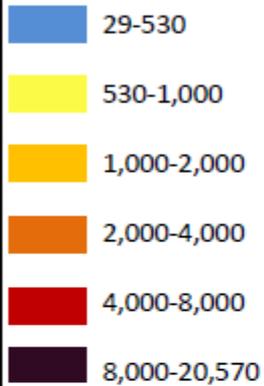
- >7,000 birds/year
- 1,000–7,000 birds/year
- <1,000 birds/year
- No abundance data
- Feeding area
- Coeur d'Alene River



Lead Concentration in Sediments

Coeur d'Alene Lateral Lakes

Lead Sediment Concentrations
(parts per million)





Fish and Aquatic Resources



Photo: Pat Clayton

Water Quality

Coeur d'Alene Basin Water Quality Summary

Legend

-  Cities/Towns
-  Interstate 90
-  Highways
-  Large Rivers
-  Coeur d'Alene Reservation Boundary
-  Lakes
-  Subbasins

Subwatersheds

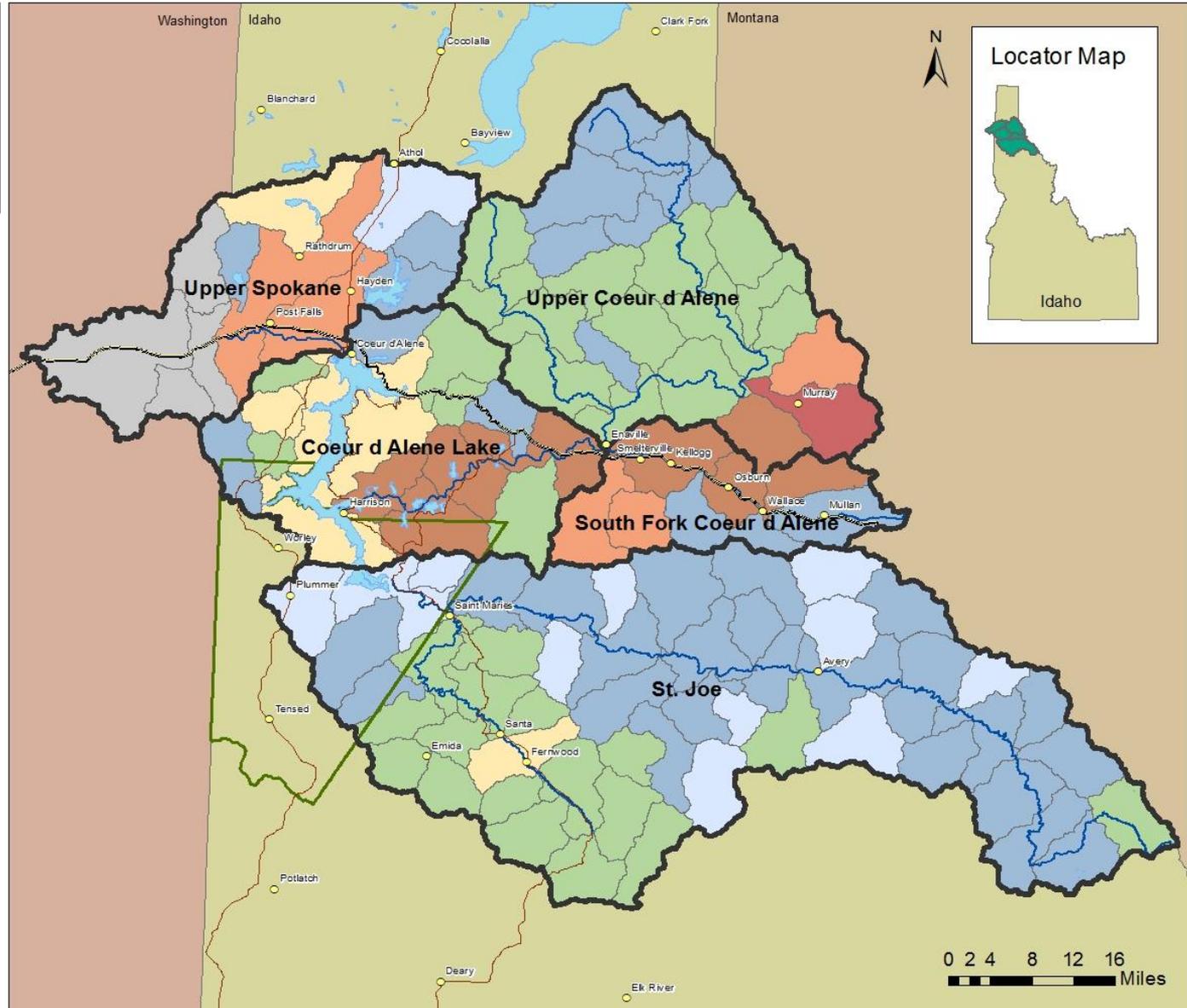
Number of Pollutants

-  0
-  1
-  2
-  3
-  4
-  5
-  7

Pollutants: Sediment, Temperature, Fecal Coliform, Cadmium, Lead, Zinc, Copper, Arsenic, and Phosphorus

Water quality data analysis within Coeur d'Alene Tribal Reservation boundary incomplete.

The information depicted on this map is the result of digital analysis performed on a database consisting of information from a variety of governmental and other credible sources. The accuracy of the information presented is limited to the collective accuracy of the database on the date of the analysis. The information is believed to be accurate and reasonable efforts have been made to ensure the accuracy of the map. This map was produced by DEQ, but is a product of the Restoration Partnership. Map created May 2013 by Kajsa Stromberg.



Cutthroat Trout

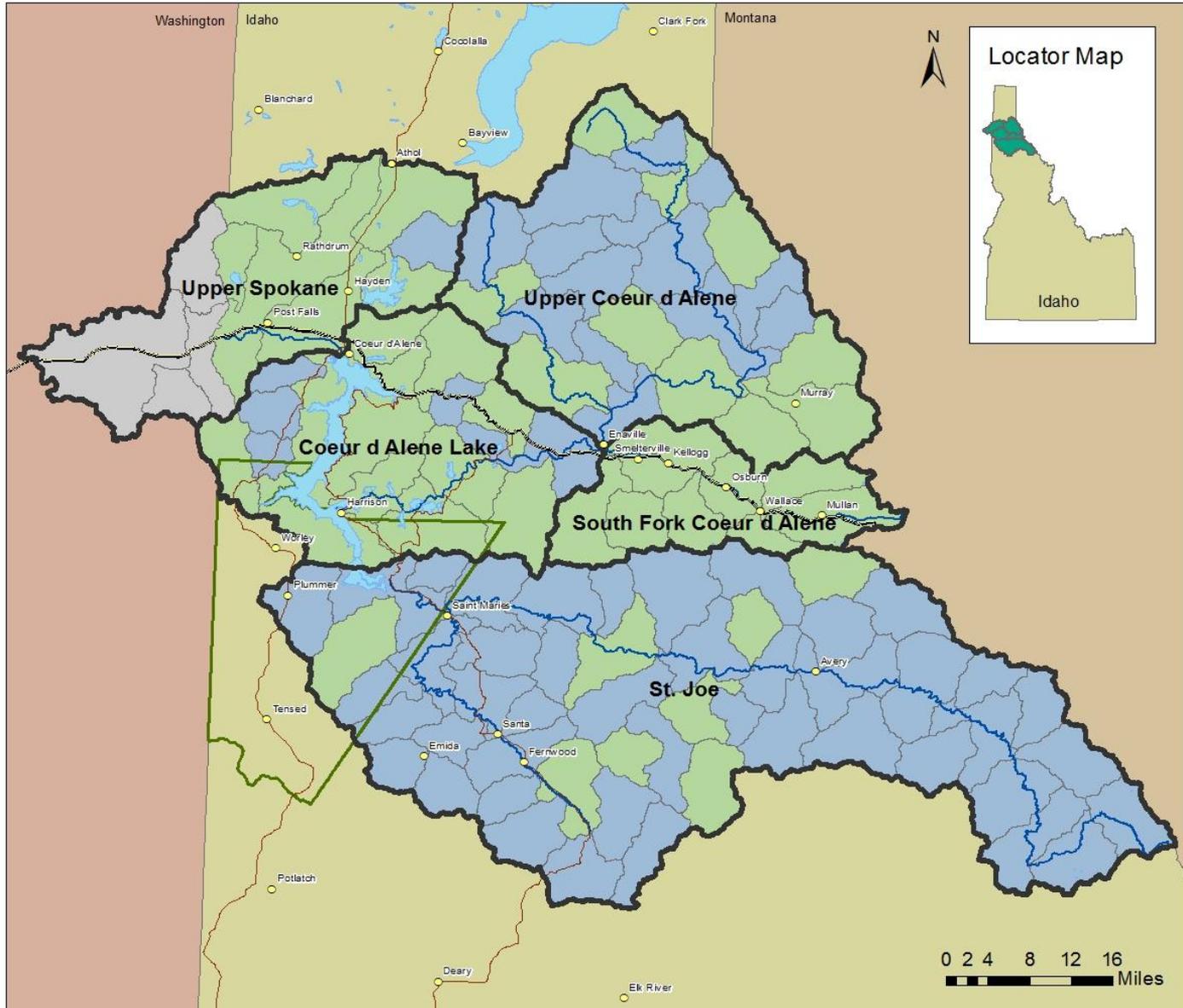
Coeur d'Alene Basin

Westslope Cutthroat Trout Current Distribution Summary

Legend

-  Cities/Towns
-  Interstate 90
-  Highways
-  Large Rivers
-  Coeur d'Alene Reservation Boundary
-  Lakes
-  Subbasins
-  Complete/Nearly Complete Distribution
-  Reduced Distribution

Current distribution of westslope cutthroat trout compared to historic distribution according to 2009 Status Update Summary by Bruce E. May.



The information depicted on this map is the result of digital analysis performed on a database consisting of information from a variety of governmental and other credible sources. The accuracy of the information presented is limited to the collective accuracy of the database on the date of the analysis. The information is believed to be accurate and reasonable efforts have been made to ensure the accuracy of the map. This map was produced by DEQ, but is a product of the Restoration Partnership. Map created May 2013 by Kajsa Stromberg.

Bull Trout

Coeur d'Alene Basin Bull Trout Current Distribution Summary

Legend

- Cities/Towns
- Interstate 90
- Highways
- Large Rivers
- Coeur d'Alene Reservation Boundary
- Lakes
- Subbasins

Subwatersheds

Bull Trout Current Distribution

- Present
- Unknown/Possible
- Absent
- Spawning Subwatersheds

Bull trout utilize the St. Joe River and Coeur d'Alene Lake for feeding and migrating. Although, the subwatersheds around those waterbodies are highlighted in green, bull trout are not known to live in small tributaries to the lake or in small tributaries along the St. Joe River migratory corridor.



The information depicted on this map is the result of digital analysis performed on a database consisting of information from a variety of governmental and other credible sources. The accuracy of the information presented is limited to the collective accuracy of the database on the date of the analysis. The information is believed to be accurate and reasonable efforts have been made to ensure the accuracy of the map. This map was produced by DEQ, but is a product of the Restoration Partnership. Map created May 2013 by Kajsa Stromberg.

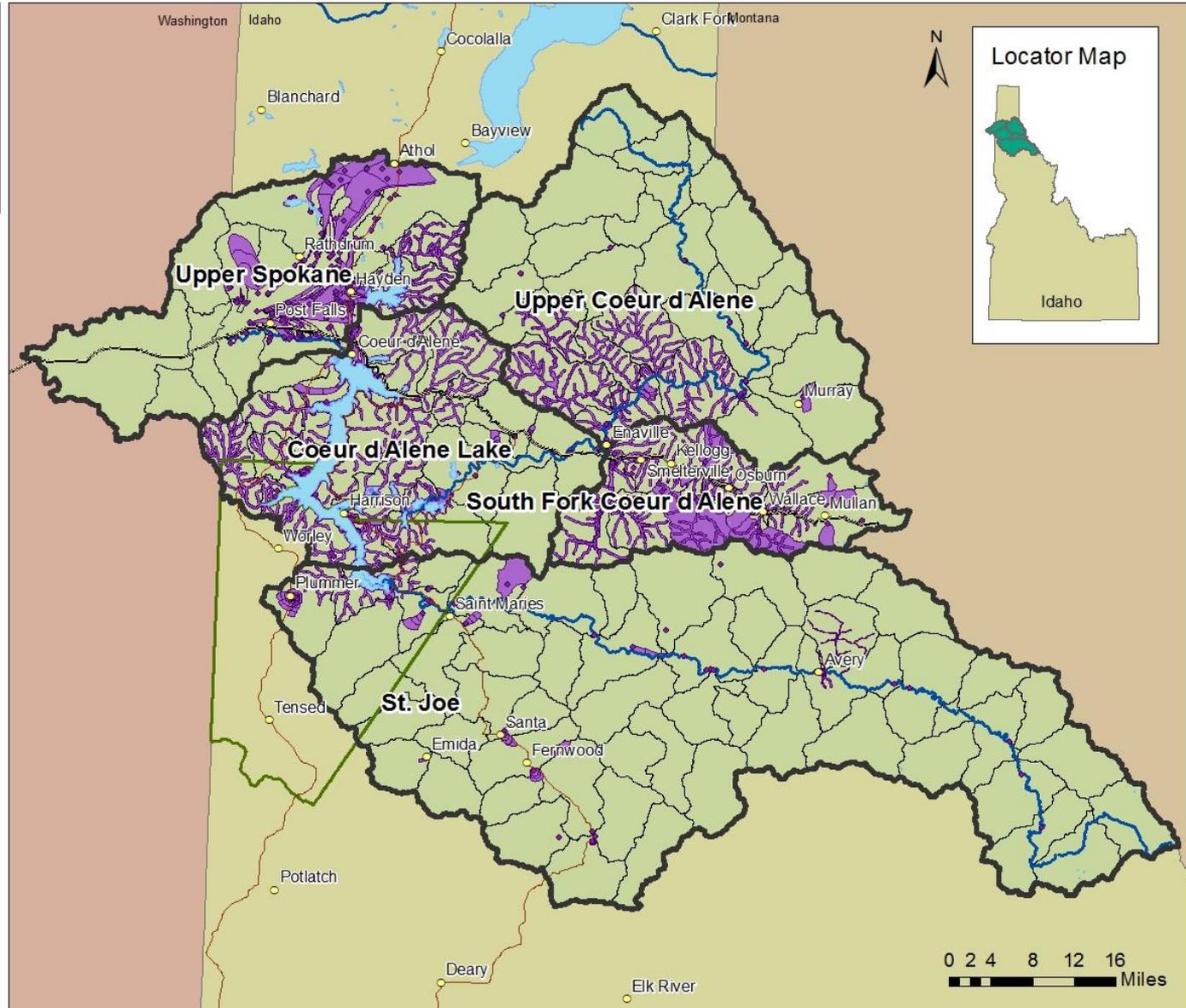
Public Water Systems

Coeur d'Alene Basin

Public Water Systems and
Source Water Areas

Legend

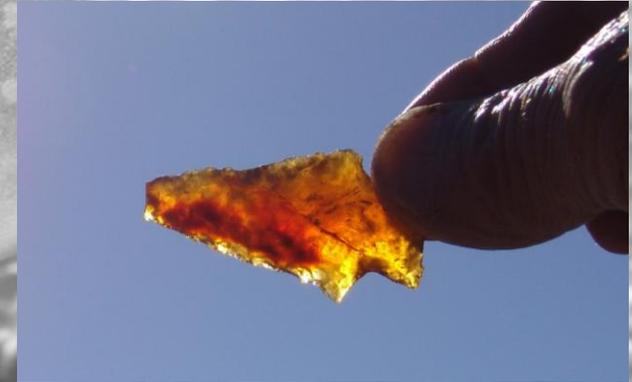
-  Cities/Towns
-  Subbasins
-  Interstate 90
-  Highways
-  Lakes
-  Coeur d'Alene Reservation Boundary
-  Public Water Systems
-  Source Water Areas



The information depicted on this map is the result of digital analysis performed on a database consisting of information from a variety of governmental and other credible sources. The accuracy of the information presented is limited to the collective accuracy of the database on the date of the analysis. The information is believed to be accurate and reasonable efforts have been made to ensure the accuracy of the map. This map was produced by DEQ, but is a product of the Restoration Partnership. Map created June 2013 by Kaja Stromberg.



Activities and Uses



Recreation Sites

Coeur d'Alene Basin and Recreation Sites

Legend

Watershed

- Subbasin Boundaries
- Watershed Boundaries
- Lakes
- Rivers

Infrastructure

- Cities
- Interstate 90
- Highways

Recreation

- Boat Launch
- Camping
- Other (trailheads, picnic, fishing)
- Trail of the Coeur d'Alenes
- Hiawatha Rail-Trail

Land Management/Ownership

- Federal
- State
- Other
- Coeur d'Alene Reservation



The information depicted on this map is the result of digital analysis performed on a paper map compiled by the National Forest Inventory of the Department of the Interior, Bureau of Land Management. The accuracy of the information presented is limited by the resolution and accuracy of the data used in the analysis. The information is provided as a service and is not intended to be used for any purpose other than that for which it was compiled.

Map Produced by Coeur d'Alene N.F. on 02/20/03
 File Name: 0202170203CDA_NCI_Summer2003_01_01.mxd
 Date of Revision: 02/20/03



Next Steps in the Process





Partnership & Input

- **Interagency and public input needed**
- **Identify restoration issues, relevant data, and priorities**
- **What resources are important?**
- **Who should participate? How?**
- **Where should we focus?**
- **What techniques and practices?**



Public Open House Meetings

June 18

Silver Mountain Resort
Kellogg
5:30 -7:30 PM

June 20

Harrison Elementary School
Multi-Purpose Room
Harrison
5:30 -7:30 PM

June 25

The Coeur d'Alene Inn
Coeur d'Alene
5:30 -7:30 PM

June 27

Rose Creek Longhouse
Worley
5:30 -7:30 PM



Questions?

DEQ Contact:

Kajsa Stromberg

Kajsa.Stromberg@deq.idaho.gov

(208) 666-4633

Partnership Contact:

Caj Matheson

Communications Specialist

info@restorationpartnership.org

(208) 582-4080



www.restorationpartnership.org