



Lake Seventeen & Little Suction Creek Watershed Plan-Environmental Assessment (EA) Scoping Meeting

Identified Problems in the Study Area



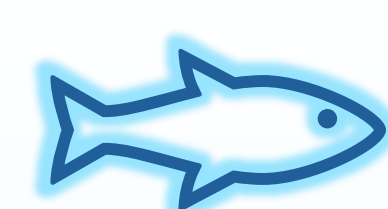
Water Management

- Lake Seventeen dam cannot handle historical flows from Little Suction Creek or meet current safety standards
- Primary sources of water for Lake Seventeen are limited to precipitation and runoff
- Breached diversion structure on Little Suction Creek is preventing water from getting to Lake Seventeen
- Little Suction Creek has no surface connection to the drainage channel that connects the creek to Lake Seventeen

RESULT

- Not delivering Tribal water right to lake or downstream
- Insufficient water downstream for cattle grazing
- Historically low water levels in Lake Seventeen

Little Suction Creek looking downstream toward the diversion structure



Fish & Wildlife Habitat

- Sedimentation in the northern portion of Lake Seventeen
- Historically low water levels and lack of variation in water depths in Lake Seventeen
- Significant erosion in Little Suction Creek upstream of the berm
- Reduced water tables and decreased wetland areas along Little Suction Creek and diversion channel corridor

RESULT

- Degraded water quality
- Decreased fish and wildlife habitat within and along Lake Seventeen and Little Suction Creek
- Lake does not support fish



Little Suction Creek showing pooling water at failed portion of diversion structure



Little Suction Creek downstream of diversion structure

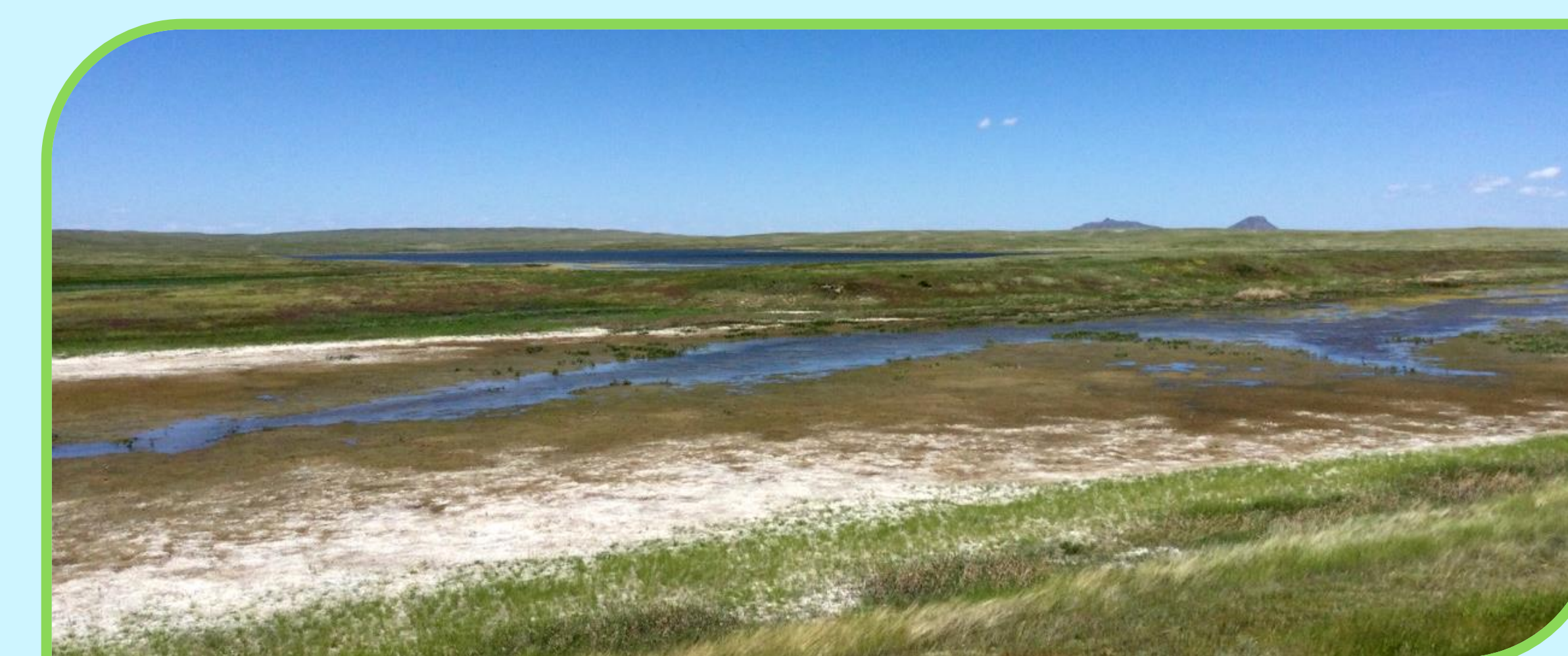


Recreation

- Low water levels and degraded water quality in Lake Seventeen
- Decreased wetland areas along the creek and diversion channel corridor

RESULT

- Loss of recreational opportunities for boating and fishing
- Loss of hunting and hiking opportunities



Southern portion of Lake Seventeen



Low water levels in Lake Seventeen