

# COULEE ROCK PARK

Coulee Rock Park will be the end use of a fully reclaimed industrial sand mine. Specifics regarding the mine reclamation into a lake are in the Coulee Mine Nonmetallic Mining Reclamation Plan, on file with Wood County and the Town of Rock. This brochure expands on the concept to create a public park with a variety of recreational uses.

The entire mine property, approximately 173 acres, will be donated to the Town of Rock, which will ultimately decide which features will be incorporated into final park plans.



## Park Details (Conceptual)

Park entry would be on the west side of the property, with a parking lot located adjacent to a picnic shelter. A driveway would lead from the parking lot to a boat ramp. The 100' by 60' machine shed would be repurposed as a park grounds/maintenance building. A sand beach and a swimming area would be located north of a fishing pier next to the boat ramp. A 50-foot-wide gently sloping underwater shelf will provide safe and gradual shoreline around the lake. The surface of the lake bottom will vary in depth and texture, including large boulders. One larger island and several small islands will provide additional habitat and lake features.

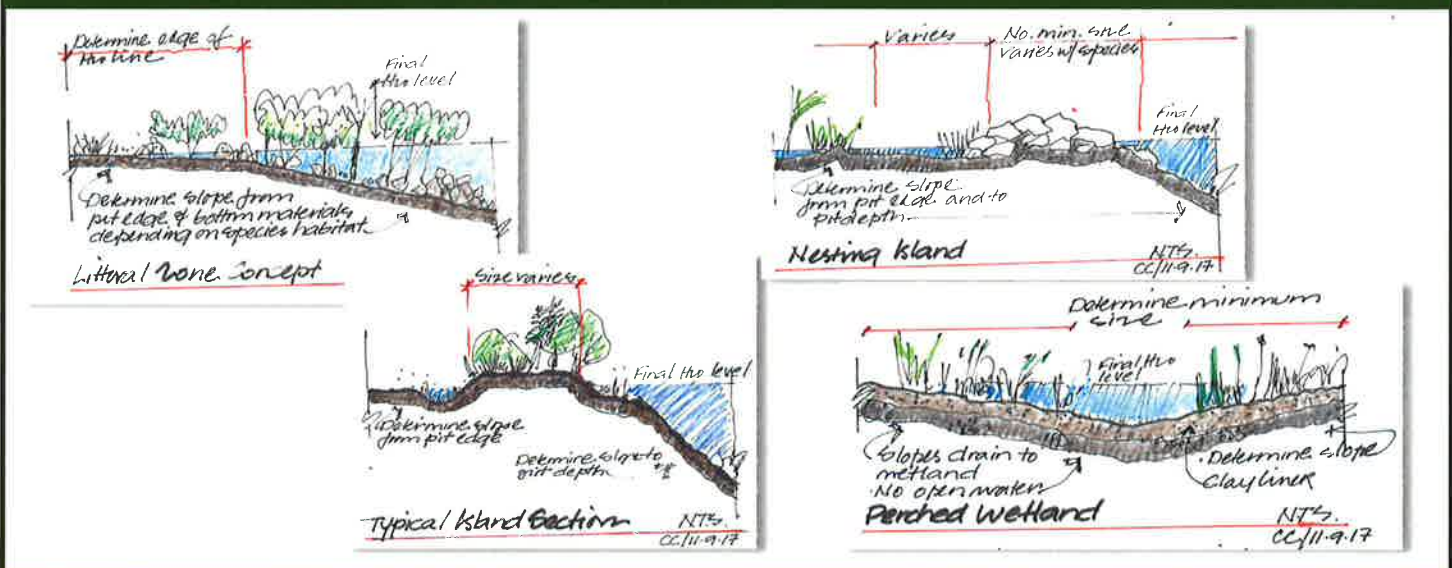
Lake shoreline will be revegetated with a wetland seed mix. Scheduled monitoring and management of plantings will ensure successful growth of a mix of native wetland plants, creating a diverse wildlife habitat. The lake design will help establish a successful, sustainable fishery and waterfowl production habitat. A hiking/cycling/skiing trail would be graded into the perimeter of the lake.

## Protection of Water Quality

The sand processed through the Coulee wet plant will be cleaned only with water. No detergents will be used in washing the sand. The process water becomes cloudy (turbid) during washing. Rather than returning this water to the excavation, Coulee will purchase a \$1.4M filter press to remove the fine particles from the water. Cloudy water will be pumped into the filter press; the water will then be squeezed out, leaving a filter cake. This cake will be reused to contour the lake shoreline during reclamation. The water will be recycled back through the system, significantly reducing water consumption.

The alternative would be to return the turbid water to the excavation where, over time, the fine particles would settle to the bottom and make a recreational lake unsustainable. Sometimes traditional mining methods do not result in the best reclamation.

## Shoreline, Lake, and Wetland Details



## Funding for Coulee Rock Park

Coulee/Carbo are proposing to enter into a Developer's Agreement and Option Agreement with the Town of Rock. Pursuant to the Option Agreement, the Town of Rock is anticipated to have a future option to acquire the reclaimed mine site from Coulee/Carbo. In anticipation thereof, the Developer's Agreement proposes that Coulee contribute funds, based on production at the mine, to the Town of Rock. Those funds may be dedicated by the Town to park improvements and long-term maintenance.

