Wellsite and Access Road Reclamation for CoR Part 2

Project Profile

Our client's wellsite and access road to were constructed in an area characterized by several ecotypes. The access to the wellsite dictated the use of padding in locations where the groundwater was near the surface.

Issue

The portion of the mineral pad established over an ephemeral drainage channel interfered with the local hydrological function. As a result, the mesic plant community was changing to hydric where water was held back by the pad and to mesic-xeric on the other side.

Solution

We removed the mineral pad and the used fill to re-contour a portion of the access to facilitate drainage toward the drainage channel. The area was de-compacted using a chuck blade and we loosened soil with a rotospick. The construction of two channels re-established the water flow and we re-distributed surface soil over the restored channel area, which we seeded with native mix at a reduced rate to foster natural regeneration.

Outcome

We successfully established water movement between the two isolated sides of the drainage channel.