

Wellsite Reclamation



Project Profile

A remote well site located north of FSJ was abandoned and required to be reclaimed. The reclamation objective was to create an end land use of equivalent land capability to that of pre-disturbance conditions and obtain a COR Part 2. SynergyAspen ensured contour and topography blended and conformed to surrounding areas and the surface of the site was left to encourage natural development and succession, while preventing erosion and encouraging terrain stabilization.

SynergyAspen recommended approximately 10 m Cut and Fill for the wellsite; cut from the northwest and filled to the southeast.

Issue

A natural water spring was encountered while keying in the cut which required managing to minimize future erosion and or instable slope issues.

Solution

SynergyAspen installed weeping tile to assist drainage by ensuring water exited the site and would not cause slope instability. SynergyAspen coordinated the wellsite to be ripped three ways to relieve compaction and minimize erosion; ripping into the fill and pushing material back into the cut. Once fill was all pushed back into the cut, wellsite contour was finished and track packed against drainage. Top soil was then spread and cross ripped against drainage for trees planting and to minimize erosion.

SynergyAspen then spread woody debris over the site and seeded the following spring to increase slope stability, decrease potential erosion issues, and create competition for weed species.