

19,223 tonnes remediated through spring breakup.

A historic Alberta wellsite and drilling-waste disposal area, treated on site with the RS-20 during spring breakup and returned to its own footprint.

LEGACY WELLSITE · WEST-CENTRAL ALBERTA

19,223 t
Soil treated on site

RS20
Mobile thermal platform

100 %
To Alberta Tier 2 criteria

THE WORK

BTEX and F2/F3 hydrocarbon fractions were driven off the soil through the RS-20 rotary thermal train and destroyed in the high-temperature afterburner, with treated soil returned to the original footprint.

Burners were fired on recycled used oil, displacing virgin fuel and turning a second waste stream into process energy. Treating on site kept the work running through spring breakup, when hauling to off-site disposal is restricted.

PROJECT RECORD

CLIENT	Environmental consultant for an Alberta utility owner
SITE	Historic wellsite with drilling-waste disposal area, west-central Alberta
EQUIPMENT	RS-20 rotary thermal train with afterburner, fired on recycled used oil
SCHEDULE	A four-month program, treated through spring breakup
PERMITTING	Code of Practice for Small Incinerators

NELSON ROLE	Thermal remediation contractor: plant and operations
CONTAMINANTS	BTEX and F2/F3 petroleum hydrocarbon fractions
VOLUME	19,223 tonnes (approx. CAD $2.3 million)
SOIL CRITERIA	Alberta Tier 2
RESULT	All treated soil met criteria and was returned to the site footprint

Nelson Environmental Remediation · Because tomorrow matters™ | nelsonremediation.com
1.780.960.3660 info@NERglobal.com