Table C.2: Soil Quality Relative to Disturbance and Reclamation (Alberta Agriculture 1987, as reported in Environmental Sciences Division, Environmental Service, Alberta Environment, 2000). Soils to be remediated to background levels or better

Parameter		Rating Categories			
		Good	Fair	Poor	Unsuitable
Topsoil	EC dS/m	< 2	2 to 4	4 to 8	> 8
	SAR	< 4	4 to 8	8 to 12	> 12
Subsoil	EC dS/m	< 3	3 to 5	5 to 10	> 10
	SAR	< 4	4 to 8	8 to 12	> 12

Copied from: D. A. Bright and J. Addison, "Derivation of Matrix Soil Standards for Salt under the British Columbia Contaminated Sites Regulation," Royal Roads University, 2002.

Table C.3: Saskatchewan Upstream Petroleum Sites Remediation Guidelines for Soil (2000). (a) must monitor crop growth and yield for minimum of 3 y. (b) must monitor crop growth and yield for a minimum of 5 y

Parameter		Agricultural	Residential	Forest	Subsoil	
EC@25°C dS/m	Unconditional use	2	2	2	8	
	Moderately tolerant crops	3-5[a]	3-5[a]	3-5[a]	8-12[a]	>12[b]
	Tolerant crops	6-8[a]	6-8[a]	6-8[a]		
SAR	Unconditional use	5	5	5	8	
	Conditional use	6-8[a]	6-8[a]	6-8[a]	9-13[a]	>13[b]

Note:
According to SPIGEC 2000, data pertaining to salt tolerance on forest vegetation are not readily available.

Table C.4: CCME Commercial/Industrial (CCME, 1991. Interim Canadian Environmental Quality Criteria for Contaminated Sites)

Parameter	Agricultural	Residential/Parkland	Commerical/Industrial
EC	2 dS/m	2 dS/m	4 dS/m
SAR	5	5	12

Copied from: D. A. Bright and J. Addison, "Derivation of Matrix Soil Standards for Salt under the British Columbia Contaminated Sites Regulation," Royal Roads University, 2002.