

# Interventions

What	Who	When
Liming, Fertilization, and Seeding	City (by hand) Vale (by air)	<u>Ongoing</u> : <ul style="list-style-type: none"> <li>• 25 to 50 ha per year by hand depending on terrain.</li> <li>• 100 to 150 ha per year through aerial liming</li> </ul>
Planting of tree and shrub seedlings	City, Vale, Sudbury INO, a Glencore Company, and Volunteers	<u>Ongoing</u> – Target of ½ million conifer seedlings per year starting in 2010 and 5000 shrubs and hardwood seedlings. May be any combination of the above in a given year.
Lichen ‘seeding’ on bare rock	City	<ul style="list-style-type: none"> <li>• To be evaluated from 2010 to 2014.</li> <li>• Widespread use if outcome of trials are positive.</li> </ul>
Planting forest shrubs and wildflowers	City	Ongoing but dependent on availability of stock
Transplanting of forest floor ‘mats’	City	<ul style="list-style-type: none"> <li>• Ongoing in tree plantations over 20 years old.</li> <li>• Dependent on availability of donor sites</li> </ul>
Collecting seeds and propagating native plants	City and other partners	<ul style="list-style-type: none"> <li>• Ongoing</li> <li>• Need to establish community partners for growing plants from local seed sources</li> </ul>
Planting trials to determine suitability of plants for ‘assisted migration’ due to climate change	City	Ongoing – initiated in 2009