



Remediation of Salt Affected Sites by Leaching

Petroleum Technology Alliance Canada (PTAC)

Matrix Solutions Inc. has been contracted by the Petroleum Technology Alliance Canada (PTAC) to investigate the effectiveness of remediating salt affected sites by leaching. The project will focus on determining under what conditions current approaches to enhance the soil leaching process have been effective, and whether some techniques work better or are more cost effective than others. To do this Matrix requires information on actual salt release sites which have been treated by leaching. Specifically we require information on the following types of sites:

1. Sites with remediation leaching systems installed, such as tile drainage systems, leaching cells, trench intercept systems or other constructed type of leaching system, especially if the system has been installed more than 3 years ago;
2. Sites that have been remediated with known types and amounts of chemical amendments more than 3 years ago; and
3. Sites that have not been treated in any way, but have been left to leach naturally for at least 3 years.

Ideally, sites should have good soil analytical information collected over a period of several years. However, as a minimum, sites need to have good information on soil salinity levels at one point in time at least 3 to 5 years ago. The project has funding to carry out soil sampling on a limited number of sites selected for the study.

Please contact Nancy Finlayson or Sheila Luther, Matrix Edmonton, if you have any sites you think might be useful to the study. All information provided will be treated as confidential, and company names and legal locations will not be released to anyone or mentioned in any documentation.

A handwritten signature in black ink, appearing to read 'N Finlayson', with a long, sweeping underline.

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