Solutions to NaCl damage soils are our specialty. SOS has the technology and experience to solve your environmental problems in a timely, cost efficient manner.

DeSalt Plus™

Effects of Sodium Damage in the Soil
Salt contamination of soils is a serious environmental issue facing the oil and gas industry today. Salts found in produced water spills and leaks can completely devastate surrounding vegetation. Until recently the remediation of sodium affected soils has been a time consuming, ineffective and often-expensive process. Newly developed *technology* offers a fast, easy and cost-effective way to remediate salt damaged soils.

Sodium affected soils have poor physical properties and commonly having crusted surfaces which prevent water percolation, causing runoff and erosion. The severity and depth of the damaged soil formation will increase sharply with increased sodium concentrations in the soil. Remediation of sodium damaged soils in a timely manner necessitates replacing the exchangeable sodium with a stronger and more favorable cationic source. Research and experience have shown that the sodium (Na+) levels in the soil structure can be reduced through electrolyte manipulation, replacing the damaging sodium with more desirable minerals. Gypsum or calcium nitrate have been used In the past to attempt to accomplish this. However poor results, due to the low solubility of gypsum or the negative environmental impact of nitrates, make these poor and costly choices. Now, through chemistry developed in a joint effort between the agricultural and chemical industries, damaging sodium can now be effectively replaced with the desirable ingredients in **DeSalt Plus™** . Desalt Plus™ is stable product containing Calcium, Ammonium, and key plant nutrients with 100% cationic availability. Plus these are all plant nutrients, helping to restoring soil fertility, and encouraging re-growth while removing the harmful sodium from the soil matrix! Proper soil conditions are them restored improving water absorption and soil fertility.

Salt water damaged sites can be restored.

S O S Environmental, Inc
P.O Box 2157
Conroe, Texas 77305-2157
e-mail for information to *solutions@sosenvironmental.com*
sosenvironmental.com