

Case Study **Harris County, TX**

Historical Site **Saltwater Disposal System**

Site Condition

- Sodic Soil
- Heavy Clay

EC 77
SAR 125
ESP 93
CEC 40

Treatment

- Deep plow and bulk soil
- Install drain pattern with bulking materials
- Applied amendments
- Irrigate

Amendments Applied

- *ReNew*TM

**Re-seed with native grass
& Turnips**

Remediation Cost = \$250K
Est. Dig & Haul cost = \$1.2mm



Case Study **Montgomery County, TX**

Recent Spill Saltwater Leak

Site Condition

- **Sandy Clay**

EC 84
SAR 38
ESP 35
CEC 17

Treatment

- **Test soil**
- **Apply amendments**
- **Flush with water**

Amendments Applied

- ***ReNew™***

Test Seeding

Re-seeding with Native Grass

Remediation Cost = \$14K
Est. Dig & Haul cost = \$750K



Case Study Terrebonne Parish, LA

**Historical Site
Saltwater Disposal Pit**

Site Condition

- Sodic Soil
- Heavy Clay

EC 20
SAR 30
ESP 43
CEC 46

Treatment

- Disc soil
- Apply amendments
- Flush with water

Amendments Applied

- *ReNew*[™]

Test Seeding

Re-seed with native grass



Remediation Cost = \$75K
Est. Dig & Haul cost = \$2mm

Case Study **Webster Parish, LA**

Historical Site
Saltwater Disposal

Site Condition

- **Sodic Soil**
- **Sandy Clay**
- **Top Soil Erosion**

EC **17 - 49**
SAR **12 - 64**
ESP **17 - 52**
CEC **6 - 15**

Treatment

- **Install drain system**
- **Deep plow and bulk soil**
- **Apply amendments**
- **Flush with water**

Amendments Applied

- ***ReNew***™
- ***RxDP***™
- ***CropUp***™

Test Seeding
Replanting of Native Grass

Remediation Cost = \$150K
Est. Dig & Haul cost = \$13mm



Case Study **Gregg County, TX**

Historical Site **Saltwater Disposal Pit**

Site Condition

- Sodic Soil
- Top Soil Erosion
- Sandy Clay

EC 12
SAR 27
ESP 50
CEC 5

Treatment

- Deep plow and bulk soil
- Apply amendments
- Flush with water

Amendments Applied

- *ReNew*TM

Re-seed with native grass

Remediation Cost = \$28K
Est. Dig & Haul cost = \$726K



Case Study

Grant County, Kansas

Historical Site Saltwater Evaporation Pond

Site Condition

- Sodic Soil
- Sandy Clay

EC 8.9
SAR 34.9
ESP 23.6
CEC 24.3

Treatment

- Deep plow and bulk soil
- Apply amendments
- Flush with water

Amendments Applied

- ReNew™

Re-seed with native grass

Remediation Cost = \$76K
Est. Dig & Haul cost = \$493K

