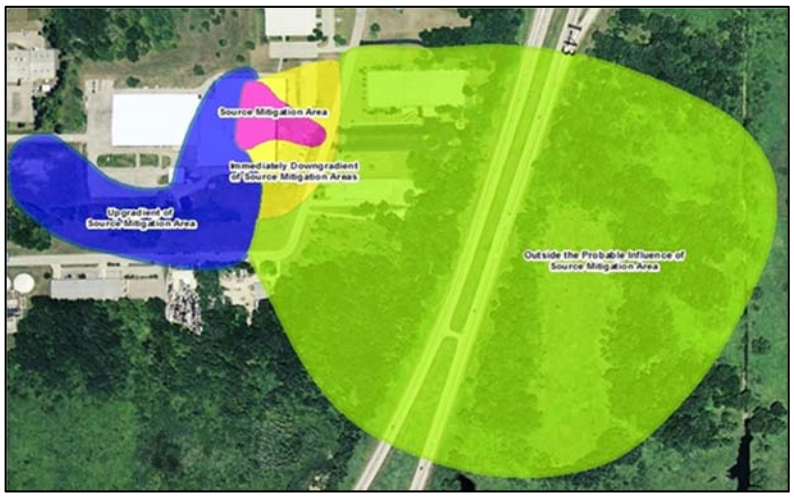
REGENESIS
REMEDIATION SERVICES

PROJECT SUMMARY

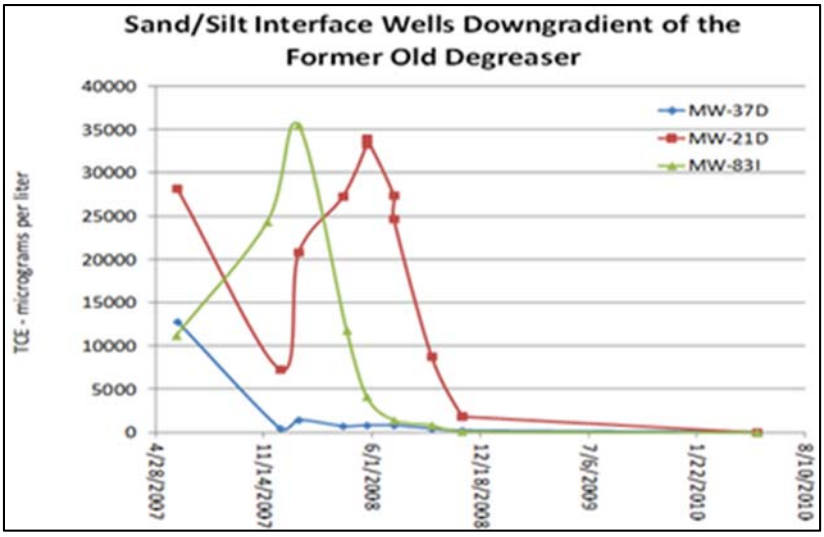
Regenesis Remediation Services™ – TCE Plume Treated with Combined Remedies

RegenOx®, 3-D Microemulsion® Reduce Contamination Concentrations at a Steel Tube Manufacturing Facility



East Troy, Wisconsin

A stainless-steel tube manufacturing facility and their environmental consultant, Symbiont, selected Regenesis as a team member to assist in the design and implementation of an in situ chemical oxidation (ISCO) and enhanced reductive dechlorination (ERD) remediation plan. The goal was to reduce trichloroethylene (TCE) in source-area groundwater from as high as 110 mg/L to less than 10 mg/L. RegenOx® was used initially oxidize cVOCs and followed by an application of 3-D Microemulsion® in a later treatment event to further reduce contaminants via ERD. RegenOx was applied through injection wells over five applications from November 2007 to June 2008. Five month later, ERD was initiated using 3-D Microemulsion in this sandy surficial aquifer.



Remediation Details:

Site Type: Steel Tube Manufacturing Facility

Remediation Approaches: In Situ Chemical Oxidation, Enhanced Reductive Dechlorination

Technologies: RegenOx, 3D Microemulsion

Geology: Sand

Medium: Groundwater

COCs: Chlorinated VOCs

Surficial Treatment: 62,500 ft^2

Treatment Interval: 5-20 ft. bgs

Cubic Yards Treated: 34,700

Cost Per Cubic Yard: $3.25 applied

About RRS:

Regenesis Remediation Services (RRS) is a dedicated team of scientists and engineers whose primary function is to provide environmental engineering and consulting firms with specialized groundwater and soil remediation planning, design, verification and application services.

This uniquely qualified group of remediation professionals combine excellence in field activity management and Regenesis' class-leading technologies to bring sites to closure. RRS draws from REGENESIS' 19+ years of experience working with hundreds of leading environmental engineering firms on thousands of remediation projects around the world.