

PROJECT SNAPSHOT

Combined ISCO/Carbon Remedies Applied at Active Retail Site in NJ

ISCO

Location: Clayton, New Jersey

Client: BL Companies

Contamination: CVOC Solvents & BTEX/EPH

Lithology: Sand & Clay Hyd

Reagent: Sodium Persulfate & Hydroxide

Type: DPT & Wells

Number of Injection Points: 90

Project Duration: 22 Field Days

Project Approach:

Install 10 permanent injection wells and apply low concentration ASP solution to treat low level CVOC plume under the existing building onsite, 15 - 30 ft bgs. Manifolled all 10 wells at once and injected on all at the same time. Averaged 9,600 gals per day. Apply BOS200 and supporting amendments through 80 DPT in a NAPL source area of BTEX/EPH. Treated 2 different depth zones (shallow - 14-19 ft bgs & intermediate - 19 - 26 ft bgs), injecting one point at a time with 4 sets of tooling in the ground at a time. Targeted completion of 8 points a day. Utilized standard 1.75 inch pressure activated tool as well as incorporating oscillation tool in ~54% of injection points.

WHAT MAKES THIS PROJECT UNIQUE?

This is an active retail property with a Dollar Store that remained open and active during all injection operations. Did not impede business at all during the 4-week application. Injected a fairly-heavy dose of suspended solid carbon in a small treatment area with new oscillation tool.



CONTACT

communications@cascade-env.com

