

**SIGNIFICANT VPH REDUCTIONS OBSERVED AT FLORIDA SITE**

**Gasoline Station in Crystal River, Florida**

Time Period	Start-up	+ 12 Months
Parameters		
VPH (ug/L)	MW-4	MW-4
Methyl tert-butyl ether (MTBE)	39	10.4
Benzene	3,400	314
Toluene	3,400	48.4
Ethylbenzene	1,300	182
Xylenes	8,100	841
Naphthalene	170	16.9

**EXAMPLE OF CONTAMINANT DECREASES OBSERVED AT SITE**

In May 2003, GBI implemented *Butane Biostimulation Technologies*<sup>™</sup> at the Pure Gasoline & Convenience Store located in Crystal River, Florida. The primary environmental contractor for the Site is ECS Marin located in Tampa, Florida. Historically, the Site consisted of four petroleum underground storage tanks (USTs). During contamination assessment activities in 1987, dissolved petroleum hydrocarbons were encountered in two Site monitoring wells and in a potable water well. The potable well was abandoned. The geology at the Site consists of fine-grained sand to approximately 10 feet below land surface (bls), followed by a clay layer from 11 to 16 feet bls and continuing to a depth of at least 23 feet bls. The target contaminants at the site include benzene, toluene, ethylbenzene, xylenes, MTBE and naphthalene. Butane is being injected into eight shallow *Butane Biosparging*<sup>™</sup> wells and one deep *Butane Biosparging*<sup>™</sup> well. The latest groundwater analytical results (obtained by ECS in April 2004) for a key Site monitoring well are presented in the table above.