

GAME CHANGING

PERFORMANCE-BASED CONTRACTS FOR
CONTAMINATED PROPERTY

EXPECT RESULTS

5 MONTHS

OR LESS! *


Biovation[®]
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DON'T DELAY PROPERTY PLANS!

- Contaminated sites go from liability to profitability—with clean-up results in 5 months or less*.
- A set performance-based cost is provided up front.
- No capital equipment costs.
- No lengthy operation and maintenance costs.

WE CAN HELP!

- We assist property owners, bankers, developers, realtors, and insurance companies.
- We can help you too!
- We've had 100% clean-up success over the past 6 years—proven results working in the field.

BIOVATION HAS CHANGED THE WAY FLORIDA CLEANS CONTAMINATED PROPERTY

Biovation provides unprecedented treatment results with a revolutionary bioremediation method called **ADVANCED BIO-CYCLE®**. Advanced Bio-Cycle has a proven record of cleaning up sites in **5 MONTHS** or less*—with **100% CLEAN-UP SUCCESS** over the past 6 years.

Effective against contaminants such as petroleum products (gas, oil, diesel), MTBE, organic pesticides, and chlorinated solvents; Advanced Bio-Cycle can be utilized in-situ or ex-situ in a variety of soils—including clay!

We have over 8 years' experience cleaning up real Florida sites successfully. From assessments to clean up—we help turn properties around faster than anyone else—and with **PERFORMANCE-BASED** contracts, we are paid only when you see results.

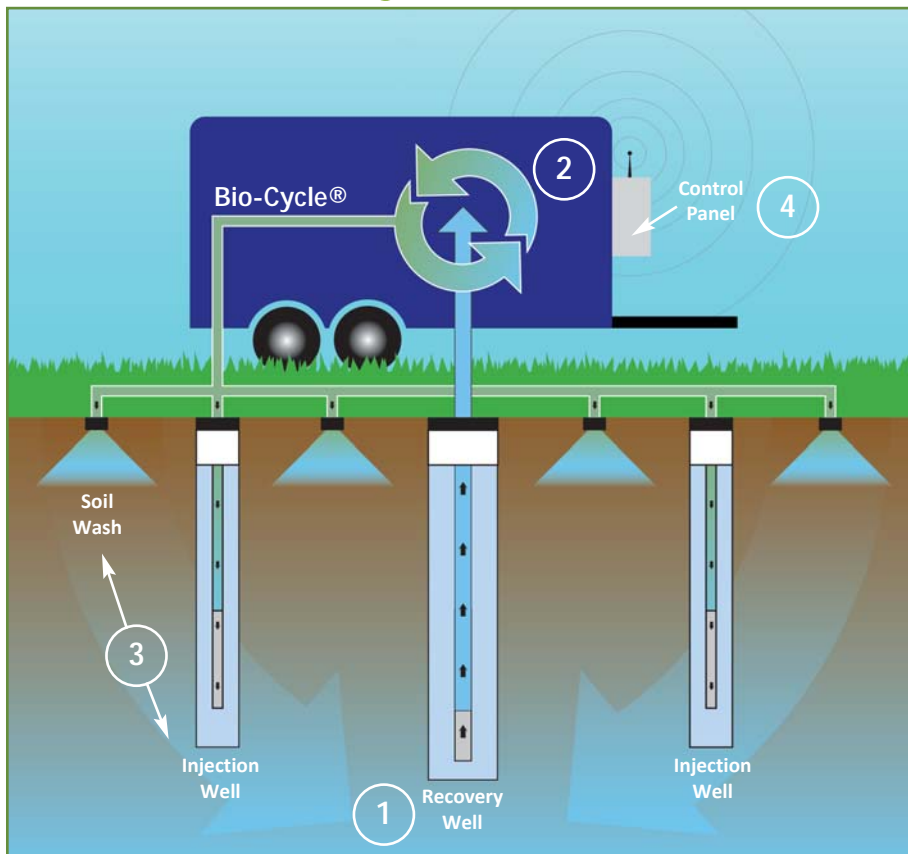
So feel good about the treatment option you choose, get results **FAST**, and get back to business with Advanced Bio-Cycle™.

DISCOVER RAPID RESULTS AT EVERY PHASE

- Phase I & Phase II Site Investigations
- Site Assessments
- Remedial Action Plans
- Cleanup—in 5 MONTHS or less*!
- Monitoring & Closure—State mandates 1 year of monitoring prior to issuing a Site Rehabilitation Completion Order (SRCO).

* Denotes clean-up time from trailer treatment start date to Groundwater Cleanup Target Levels (GCTL) only. Typical site clean-up routinely takes 5 months or less, unique site conditions may take longer. Does not include SAR, RAP, or SRCO approvals.

Advanced Bio-Cycle® (ABC) Method



Advanced Bio-Cycle combines numerous treatment technologies into an advanced recirculation system. Quick—in and out—our trailer(s) arrive on site as needed and utilize flexible hoses to inject and extract water. No trenches to dig—our hoses are simply less disruptive to business and can even be driven over.

1. Contaminated groundwater is extracted from the aquifer through a recovery well.
2. Approved microbes, nutrients, and oxygen are added to the groundwater.
3. The enhanced groundwater is simultaneously re-injected into both the soil as a "soil wash" and into the groundwater via injection wells specifically designed to treat the soil and groundwater from the top down.
4. Advanced telemetry controls offer 24/7 monitoring and complete on- and off-site control.

Get Results Like These!

SITE	FL ID #	SOIL TYPE	TREATMENT DURATION	SRO*	CONTAMINANT(S)	TOP LEVELS (ppb)	END LEVELS (ppb)
Crooks Farm Ft. Lucie Co., FL	9807808	Dense Clay	4 ½ months	✓	Ethyl Benzene	580	<1
					Xylenes	2250	<1
					Naphthalene	219	<1
Ed Morse Honda, Parcel A&B Palm Beach Co., FL	9807489	Sand/Organics	4 ½ months	✓	Benzene	16.1	U
					Ethyl Benzene	381	U
					Toluene	290	U
					Xylenes	1328	U
					1,2,4 Trimethylbenzene	1740	<1
Lehigh Golf Course Lee Co., FL	8629489	Sand/Clay	5 days	✓	Benzene	19.1	U
					Toluene	138.6	U
Joe's Texaco Broward Co., FL	8838491	Fine Sand	4 months	✓	Benzene	1020	U
					Ethyl Benzene	151	U
					MTBE	2800	U
Rodhouse Property Pinellas Co., FL	9803781	Clay/Organics	2 months	✓	1/8-inch Free Floating Product (Kerosene)	Free Product	Below Target Levels
Lee County Bus Depot Lee Co., FL	9806949	Sand/Organics	1 month	✓	Acenaphthalene	6.2 mg/kg	U
					Ethylbenzene	7.4 mg/kg	U
					1-Methylnaphthalene	70 mg/kg	U
					2-Methylnaphthalene	44 mg/kg	U
					Naphthalene	17 mg/kg	U
					TPH	64,000 mg/kg	U

* SRO-Site Rehabilitation Order issued by the FDEP following 1 yr. verification sampling.

** All sites were treated in-situ with the highest contaminated monitoring well reported.

† FL ID-Site identification number assigned and results verified by the FDEP.

‡ U-Undetectable

BIOVATION is a full service environmental consulting company specializing in bioremediation for the cleanup of gas, oil, diesel, MTBE, pesticides and chlorinated solvents in soil and groundwater.

With over 11 years' experience in bioremediation technologies and an eight year treatment record, our engineering staff and experienced field specialists are capable of assisting with the following regulatory phases of your cleanup:

- **Site Investigation**
- **Site Assessment**
- **Remedial Action Planning**
- **Remedial Action Modification**
- **Site Cleanup**
- **Site Monitoring**
- **Follow-up & Closure**

Biovation is approved by the State of Florida Department of Environmental Protection (FDEP) for environmental cleanups.

- **Florida State Licensed Contractor (License #01332)**
- **Florida State Licensed Geology Business (License #GB474)**
- **FDEP approved as an Innovative Technology**

No matter what stage of clean-up—even if you currently have treatment plans or equipment in place, Biovation can help you reach your treatment goals.



ASK **Lyn Dorman** of Panama City Beach, FL.
Lyn benefited from the clean-up of his soil & groundwater contamination in sandy soil & organics in 1 month.
Ph: 205-965-1588.

ASK **Tom Hughes** of Fort Pierce, FL.
Tom benefited from the clean-up of his soil & groundwater contamination in dense clay in 4 ½ months.
Ph: 561-818-5405.

ASK **Ed Roby** of North Palm Beach, FL.
Ed benefited from the clean-up of his soil & groundwater contamination in sandy soil in 4 ½ months.
Ph: 561-254-6779.

