

# GAME CHANGING

PERFORMANCE-BASED CONTRACTS FOR  
CONTAMINATED PROPERTY

EXPECT RESULTS

IN MONTHS  
NOT YEARS!

  
**Biovation**<sup>®</sup>  
*Environmental Services, LLC*

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## DON'T DELAY PROPERTY PLANS!

- Contaminated sites go from liability to profitability—with clean-up results within months instead of years\*.
- 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 generated numerous treatment success stories over the past decade—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®**. We have a proven record of **SUCCESSFUL SITE CLEAN-UPS**—resulting in Site Rehabilitation Completion Order (SRCO). Our Advanced Bio-Cycle method delivers results—typically cleaning up sites in **MONTHS** not 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 15 years of experience successfully cleaning up Florida sites. 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.

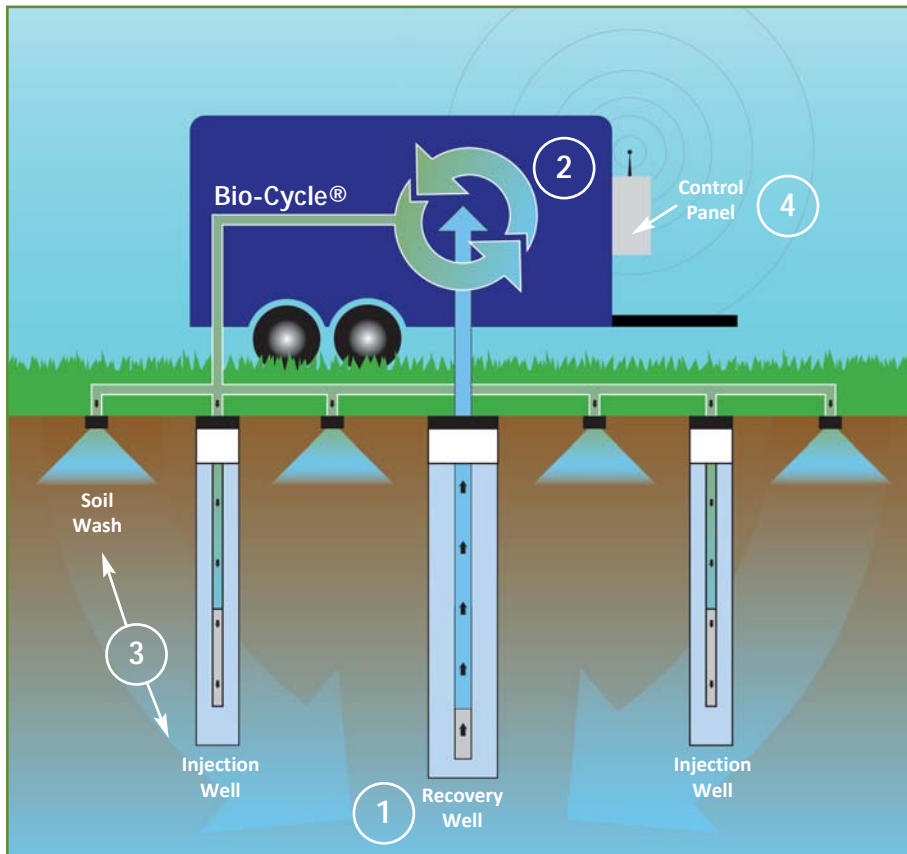
So feel good about the treatment option you choose, get results **FAST**, and get back to business with Advanced Bio-Cycle.

## DISCOVER RAPID RESULTS AT EVERY PHASE

- Phase I & Phase II Site Investigations
- Site Assessments
- Remedial Action Plans
- Cleanup-in MONTHS not years\*!
- Monitoring & Closure—Florida mandates 1 year of monitoring prior to issuing a 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	SRCO*	CONTAMINANT(S)	TOP LEVELS (ppb)	END LEVELS (ppb)
Yeatter-Henderson #41 Lee Co., FL	9201288	Sand/Clay	60 days	✓	Benzene	1.26	U
					Toluene	2.47	U
					Ethyl Benzene	32.7	U
					1-Methylnaphthalene	90.8	U
					2-Methylnaphthalene	164	U
					Naphthalene	267	U
					TRPH	37,800	582
First Fuel & Food Naples Co., FL	8518236	Sand/Indurated Limestone	95 days	✓	Benzene	2.8	U
					Naphthalene	130	U
Doyles Marine Lee Co., FL	9201078	Sand/Organics/Clay	11 months	✓	Benzene	66.1	U
					Toluene	6030	U
					Ethyl Benzene	219	U
					Xylenes	1300	U
					Naphthalene	17.5	<1
					TRPH	5730	<1
Rodhouse Property Pinellas Co., FL	9803781	Clay/Organics	2 months	✓	1/8-inch Free Floating Product (Kerosene)	Free Product	Below Target Levels
Yole Vero Tire Indian River Co., FL	8520272	Sand/Organics	8 months	✓	Benzene	433	U
					Toluene	409	U
					Ethyl Benzene	761	U
					Xylenes	2280	U
					2-Methylnaphthalene	50.6	U
					Naphthalene	222	<1

\* SRCO-Site Rehabilitation Completion Order issued by the FDEP following 1 yr. verification sampling.

\*\* All sites were treated in-situ with the highest contaminated monitoring well reported. Top levels indicate baseline contamination levels prior to treatment.

† 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 15 years of experience in bioremediation technologies and a decade of treatment success, 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 Licensed Contractor (License #01332)**
- **Professional Engineering License (License #30848)**
- **Florida Licensed Geology Business (License #GB474)**
- **Advanced Bio-Cycle® is 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** **Randall Henderson, Jr** of Fort Myers, FL.  
Randall benefited from the clean-up of his soil & groundwater contamination in sandy soil & clay in 60 days.

**ASK** **David Nowack** of North Fort Myers.  
David benefited from the clean-up of his soil & groundwater contamination in sand, organics & clay in 11 months.

**ASK** **Michael Corradi** of Naples, FL.  
Michael benefited from the clean-up of his soil & groundwater contamination in sand & indurated limestone in 95 days.



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