# FUNKY FIELDS

Identification and Remediation of Nontraditional Brownfield Sites

> Jessica Gow, Cobb Cole Law Firm Kirk Blevins, SCS Engineers

### ACTIVITY!

At your seat you will find a summary of four (4) properties located throughout the state of Florida, along with a sheet asking you to classify whether or not you think the site would qualify as a Brownfield Site.

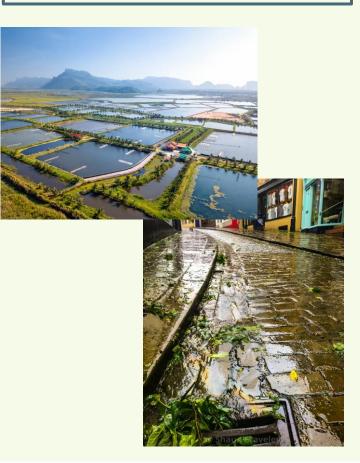
#### What is a Brownfield Site?

"Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination."

"Real property, the expansion, redevelopment, or reuse of which may be complicated by actual or perceived environmental contamination."



## WHAT IS A NONTRADITIONAL BROWNFIELD SITE?



### THE PROBLEM WITH DEFINITIONS

As the Florida Brownfields Program continues to grow, we are seeing a number of sites enter into the program that may be considered "nontraditional" brownfield sites. Nontraditional brownfield sites include those areas where contamination may be present, but the sites do not carry the general perception of contamination generally associated with classic brownfield sites such as gas stations, drycleaners, and industrial users. How we define these sites is crucial in determining their options for remediation. Let's look back at the last slide – "industrial and commercial facilities" v. "real property"

### TYPES OF NONTRADITIONAL SITES

Golf Courses, Fruit Nurseries, Agricultural Operations, Old Streets/Alleys, Aquaculture, Lake fill, Illegal landfill, Dredge Spoils





### PUBLIC PERCEPTIONS OF NONTRADITIONAL SITES



LOCAL GOVERNMENT DECISIONS

Limited resources and lack of known environmental issues



LEGISLATIVE FUNDING

Expansion of program applications – funds and backlogs



TESTING

Environmental issues for nontraditional sites and redevelopment options

# NONTRADITIONAL SUCCESS STORIES



### CHALLENGES

- Arsenic Impacted Soil
- Limited City funds for remediation
- Most of the area to become a regional stormwater pond

### CREATIVE SOLUTION

- Over excavate pond bottom
- Source clean fill
- Place portion of nonleachable impacted soil underneath pond bottom

# Solary Park



### CHALLENGES

- Impacted soil and groundwater
- No on site discharge

### CREATIVE SOLUTION

- Demonstrated impacts were due to dredge spoils and not site activities
- Limited offsite assessment activities



## QUESTIONS?

How can we help tackle the future of Brownfield Remediation through education and outreach?

What funky fields can we tackle next?

PITCH DECK