The background of the slide is a photograph of a pond. The water is clear, revealing a sandy bottom. In the upper right, there are some green and brown aquatic plants. The overall scene is a natural, outdoor setting.

SFWMD C111D Monitoring Project

Status Report to the TOC
10/30/03

Multiple Components

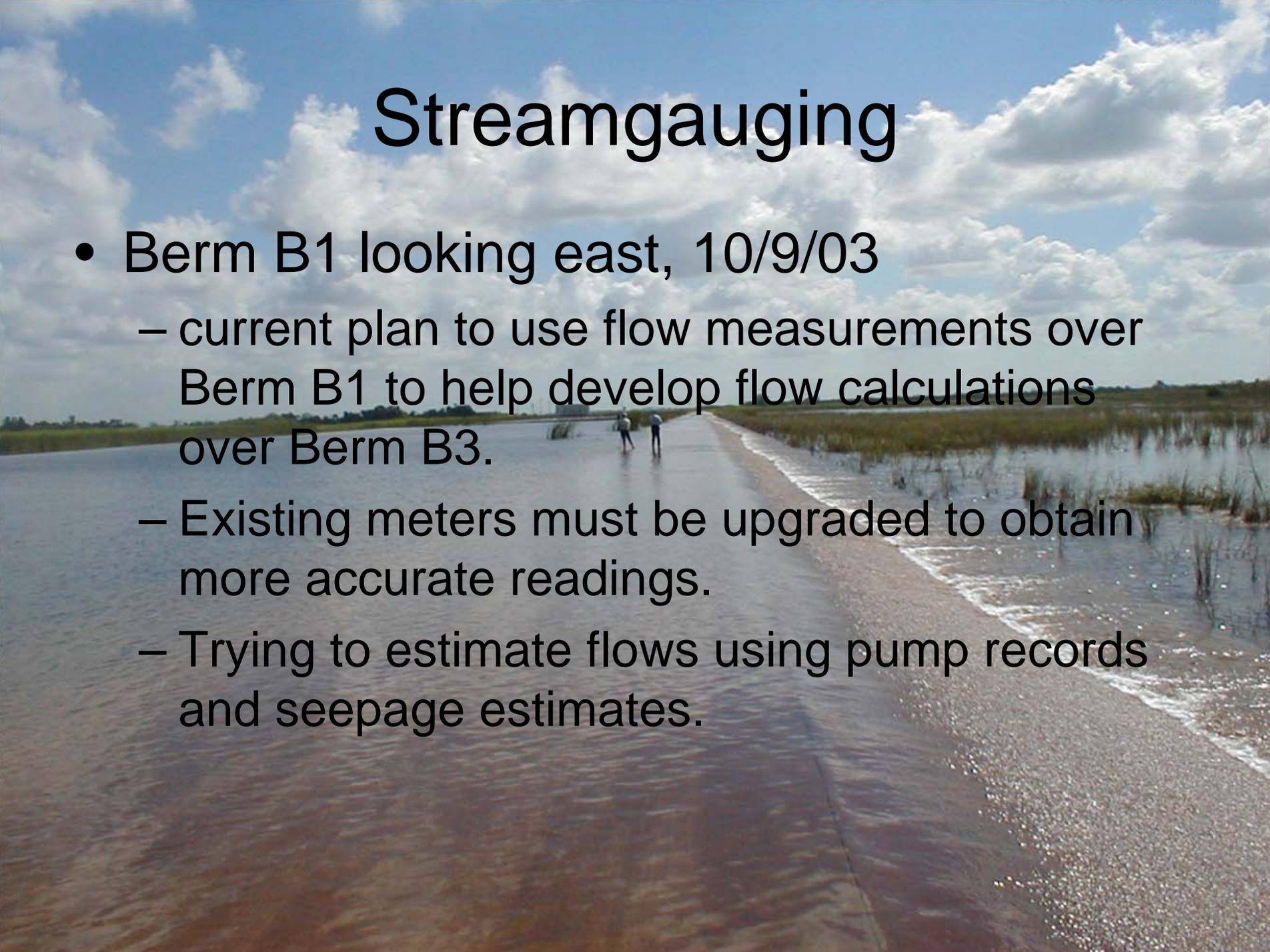
- Hydrologic Monitoring
- Surface Water within project
- Fish within project
- Downstream biological monitoring
- Downstream surface water monitoring
- Groundwater

Hydrologic Monitoring

- Structure ratings
 - (ongoing, needed for ACF)
- Stream gauging
 - Ongoing needed to estimate overflows
- Instrumentation installation

Streamgauging

- Berm B1 looking east, 10/9/03
 - current plan to use flow measurements over Berm B1 to help develop flow calculations over Berm B3.
 - Existing meters must be upgraded to obtain more accurate readings.
 - Trying to estimate flows using pump records and seepage estimates.



Instrumentation

- Berm B3 looking north into Cell 5, 10/9/03

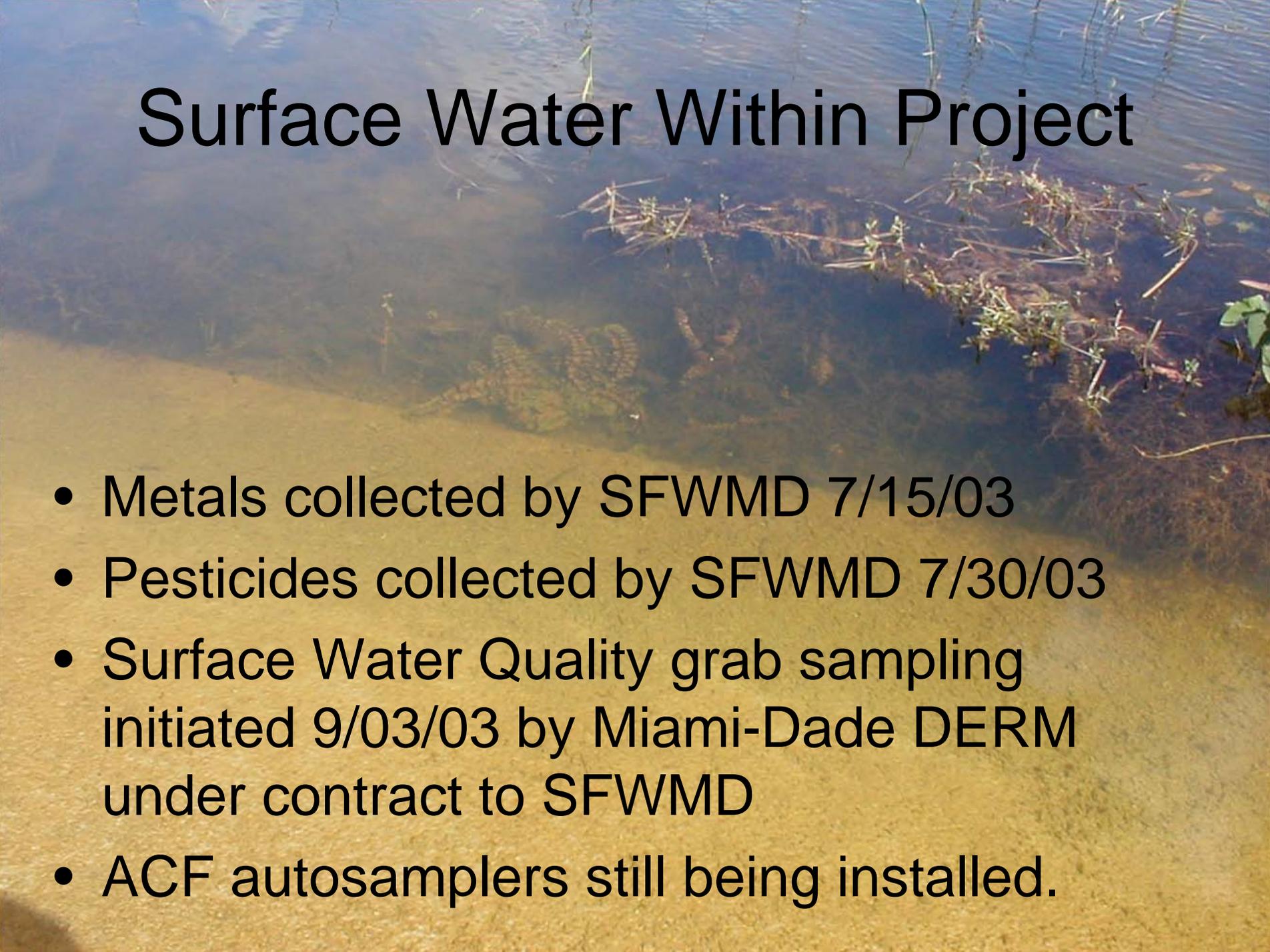


Instrumentation

- Berm B3 looking south into Flow Way Cell, 10/9/03



Surface Water Within Project

A photograph of a body of water, likely a pond or a slow-moving stream. The water is clear, revealing a sandy bottom. There are some aquatic plants and debris floating on the surface, particularly on the right side. The lighting suggests it's daytime.

- Metals collected by SFWMD 7/15/03
- Pesticides collected by SFWMD 7/30/03
- Surface Water Quality grab sampling initiated 9/03/03 by Miami-Dade DERM under contract to SFWMD
- ACF autosamplers still being installed.

Metals Results

Parameter	S332B	S332C	S332D	Units
Cadmium	1.0	1.0	1.0	ug/L
Calcium	74.4	74.6	74.8	mg/L
Copper	3.0	2.5	2.4	ug/L
Hardness	219.6	216.1	212.5	mg/L
Magnesium	8.2	7.2	6.2	mg/L
Zinc	-4	-4	-4	ug/L
THg	0.3	0.2	0.1	ng/L
MeHG	0.10	0.043	0.034	ng/L

S332B Autosampler Housing



Culvert C1



Fish within project

Collected 10/9/03 SFWMD and FGFWFC

- Cell 4

- mosquitofish
- 18 bass
- 9 redear
- 7 bluegill
- 3 warmouth
- 1 spotted sunfish

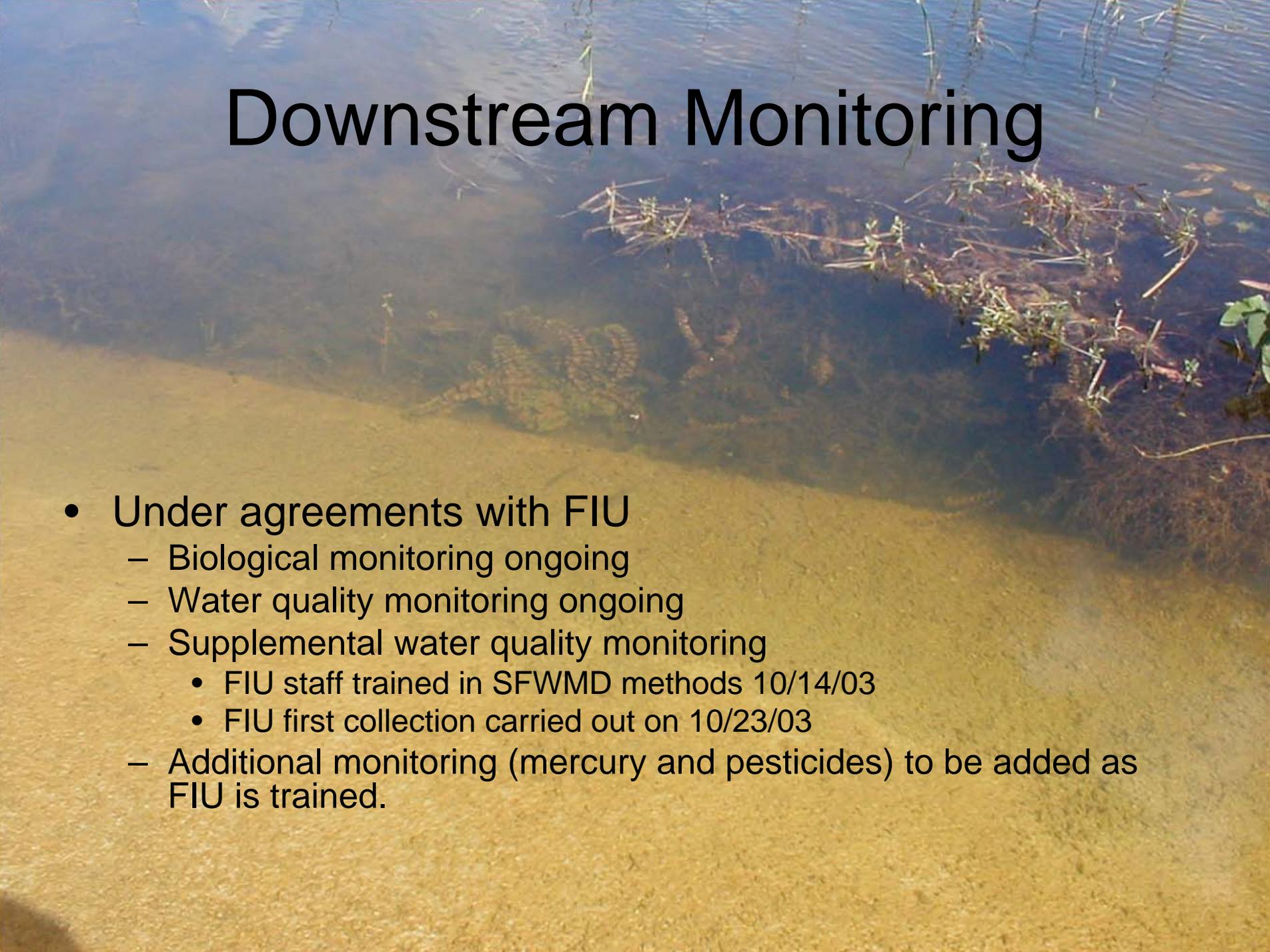
- Culvert C1 (Cell 2)

- mosquitofish
- 20 bass
- 13 warmouth
- 7 redears



10.9.2003 10:23

Downstream Monitoring



- Under agreements with FIU
 - Biological monitoring ongoing
 - Water quality monitoring ongoing
 - Supplemental water quality monitoring
 - FIU staff trained in SFWMD methods 10/14/03
 - FIU first collection carried out on 10/23/03
 - Additional monitoring (mercury and pesticides) to be added as FIU is trained.

Groundwater

- Contract with ENP approved at September Governing Board.
- K. Kotun (ENP) has asked to delay implementation because of staffing issues.



A green iguana is positioned on a sandy bank in the foreground, facing right. The bank is covered with sparse green grass and small plants. In the background, a calm pond reflects the sky, surrounded by a dense line of tall grasses and shrubs. The overall scene is a natural, outdoor setting.

Questions?

8. 6. 2003 13:06