EXHIBIT A-10

Biological Sampling

Book #1

Illinois River Watershed

8-16-08 to

Biological Sampling

Book #1

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

ALL-WEATHER
ENVIRONMENTAL FIELD BOOK

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This book is printed on "Rite in the Rain" All-Weather Writing Paper - A unique paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather. For best results, use a pencil or an all-weather pen.

Specifications for this book.

Page Pattern		Cover Options	
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Location _____ Date _____

Project / Client _____

Kids swimming in the summer - 40-50 kids.

GPH - Rookery in the area.

Cleaned area - no litter

Location Illinois River Date 3-13-07

Project / Client Robinson Road

RDF

Step 1 -

Side tributary feeding into Illinois River. Garbage bag of leaves adjacent to the creek. 1 picture

Illinois River - epiphytic algae on rocks, sedimentation in the stream. Cobble, gravel, sand substrate

1 picture - bridge looking upstream.

Average depth about 1 foot.

Turned a few rocks over and found mayflies.

North bank of river is highly eroded - Picture #2

Looks high flow can exceed 6' feet over base flow.

Water is deeper near the bridge - picture #3

Camping in area next to river.

No blocknets for fishing here.

RDF

72

Location Spring Creek, AR Date 3-13-07

Project / Client Highway 112 crossing

Picture #1 Cladophora growth with dime. Good algae growth on Rocks. 6-8" in length. Cobble/gravel substrate Too cloudy to sample near bridge. Need to check upstream.

Picture #2 Looking upstream.

Picture #3 - Cladophora - No bugs observed on bottom or rocks.

Water Temp was warm, estimated in the low 60's.

617-420-8711 Jon

Little Osage Creek - Osage Mills, AR

Epiphytic algae growing on rocks.

Picture 1 looking upstream - person in picture.

Picture 2 - looking downstream

Picture 3 - Dime on rock with Algae

RDF

73

Location Little Osage Creek Date 3-13-07

Project / Client

Pictures 4 & 5 - Mayflies on Rock, Picture 6 - Caddisfly

Pictures - 7, 8, 9, 10 Mayflies & Dragonfly larvae.

~~RDF Ballard Creek~~ Unnamed tributary adjacent to Hwy 59, just north of Watts, 3 pictures, of aquatic macrophyte, downstream view, AM and log. Water was clear. Lots of AM and duckweed.

Illinois River at Lake Francis. Walked over to old dam foundation. Lots of Cladophora attached to rocks and algae blooms near dam structure. Some algae was greater than a foot long.

9 pictures taken.

RDF

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Location Illinois River Date 5-13-07

Project / Client at Hwy 59

Flow was slow in the river and the river was green in appearance.
3 pictures taken.

Ballard Creek at Hwy 59 -
Most rocks on stream bottom covered with algae, stream channel shows some slight change in morphology since 2005.
3 pictures taken

Near Springtown, AR it appears the land application had taken place along Hwy 12. Strong chicken litter smell in the air.

RDF 5-13-07

75

Location Little Lee Creek Date 4-3-2007

Project / Client IRW Ron French/Jeremy B.

0900 Cloudy-Overcast

REF-1/RS 10003

No significant algae growth, some diatom growth on the rocks. Larval fish seen swimming in the area. Mayflies observed on the bottom of rocks.
6 pictures taken. DSC-0056 - DSC-0065
4 pictures of Crested Dwarf Iris.

RS 10004-
Cladophora growing at the site but not very abundant. Nice pool areas upstream of the sampling area. 8 pictures
DSC-0067 - DSC-0076
Eastern Box Turtle DSC 077

Road 918 off of Hwy 59 AKK small Trib has lots of algae growing on rocks - Dutch Mills
No pictures

Evansville Creek - Hwy 51 crossing - lots of algae (spirogyra) growing on rocks and the bottom of the stream. Water greenish in color. 5 pictures DSC-0078 - DSC-0082

RDF

76

Location Barren Fork Hwy 59 Date 4-3-07

Project / Client RS205

Lots of Algae growing on the rock - filamentous, 3-4 feet long. Spirogyra was growing along the shoreline in slow moving water - stagnant. 16 pictures.
DSC-0083 - DSC-~~0102~~ 0097

Fly creek - Algae on bottom - heavy sultation in the sediments. 1 picture DSC-0102 DSC-0098

RS 109 - Barron Fork - 3 pictures lots of filamentous algae growing on the stream bottom.
DSC-0099 - DSC-0101

Bush Creek - HF22 Site - lots of algae growing on Rocks two pictures. DSC-0102 - DSC-0103

RS-139 Arkansas - Goosenecks Creek 19 pictures. Lots of Cladophora growing on the stream bottom. Video taken at this site. Cladophora 3-4 feet in length. DSC-0104 - DSC-0121

RDP

77

Location Ballard Creek at Hwy 62 Date 4-3-07

Project / Client RS-399 AR

Lots of algae growing on the rocks. Long filamentous growth 4-5' in length. Mainly Cladophora and Oedogonium spp.
14 pictures.
DSC-0122 - DSC-0135

RS-772 - Spring trib to Illinois.

Video taken of the waterway by Jeremy. 2 pictures taken. Very little algae growing in the stream. It appears the source for this creek is spring flow. The water temperature was cold. A couple was observed nearby filling up 1 gallon plastic jugs in the water.
DSC-0136

RDP

78

Location Illinois River Date 4-3-07

Project / Client at Lake Frances

Walked down to dam site. Water appeared "soupy green".
DSC 0137 - DSC 0154
Dead watersnakes around the dam area.

Ron French, R. Olsen, Sam Steenson

Ron 4-16-07

Stopped at Lake Frances 2 pictures taken. Water elevation up. Some large mats of Cladophora were observed washed upon the bedrock.

Stopped at RS-399 - little scouring occurred after weekend rain event. Still abundant algae growth.

Stopped at RS-109 - Some slight scouring and water elevation up a bit

Stopped at RS-10004 - Water level up about 1 foot

79

Location IRW study Date 4-16-07

Project / Client

866 659-5416

89J 4352

Several trucks hauling chickens out were observed.

RDF