

## A DAY IN THE LIFE OF THE BUFFALO RIVER: MASTER DATASHEETS

	Please fill in the following information.
SAMPLE SITE	
DATE	
SCHOOL	
WATERWAY	
PARTNER ORGANIZATION	

### INSTRUCTIONS

Please use this packet to submit your data and evaluations by November 30. At minimum, you must complete the "Big Picture Data Summary" chart, the **Teacher Evaluation**, and the **Student Attitudes Evaluation** (all marked "Mandatory"). Your results will be compiled with other schools for the Day in the Life website.

**Send this packet to:** Reinstein Woods

Attn: Day in the Life

93 Honorine Drive

Depew, NY 14043

**By email:** [reinsteinwoods@yahoo.com](mailto:reinsteinwoods@yahoo.com)

**By fax:** (716) 686-0210

<b>THE BIG PICTURE DATA SUMMARY (MANDATORY)</b>	
<b>PARAMETER</b>	<b>DATA</b>
Turbidity	
Air Temperature & Weather Conditions	
Wind Speed (Rotations Per Minute) & Direction	
The land around the site is mostly (forest, industrial...)	
Nitrate Level	
Phosphate Level	
Water Temperature	
3 most abundant macroinvertebrates caught:	
Water Quality Assessment & Score	
Dissolved Oxygen (ppm) & % Saturation	
pH	
Extra Data (if applicable)	

## Teacher Evaluation Form (Mandatory)

We hope that A Day in the Life of the Buffalo River has been a positive experience for you and your students.  
Please take a few moments to evaluate your experience. Thank you!

Please rate the overall program:

\_\_\_\_\_ Poor      \_\_\_\_\_ Needs Improvement      \_\_\_\_\_ Fair      \_\_\_\_\_ Good      \_\_\_\_\_ Excellent

How was the date for the program?      \_\_\_\_\_ too early      \_\_\_\_\_ just right      \_\_\_\_\_ too late

How was the number of activities?      \_\_\_\_\_ not enough      \_\_\_\_\_ just right      \_\_\_\_\_ too many

Was the equipment provided adequate?      \_\_\_\_\_ No      \_\_\_\_\_ Yes      \_\_\_\_\_ Somewhat

Were the program content and activities age-appropriate?      \_\_\_\_\_ No      \_\_\_\_\_ Yes      \_\_\_\_\_ Somewhat

Do you feel your students have an increased knowledge of and appreciation for the Buffalo River?      \_\_\_\_\_ No      \_\_\_\_\_ Yes      \_\_\_\_\_ Somewhat

Did this program meet your expectations?      \_\_\_\_\_ No      \_\_\_\_\_ Yes      \_\_\_\_\_ Somewhat

Why or why not?

Please continue on next page -->

Please provide feedback on the following:

Activities:

Equipment:

Location of sampling site:

On-site experts/partnerships:

Other comments:

### Student PRE-visit Survey (Optional)

Educators: Please survey your class and record the number of students responding for each category BEFORE the event.

	TRUE	FALSE	Not Sure
We all depend on water.			
What we do at home and in the community can affect our water.			
Water quality can determine what animals can live in a river.			
Weather, wind, and the surrounding environment can affect a river.			
A river is more than just water.			

### Student POST-visit Survey (Optional)

Educators: Please survey your class and record the number of students responding for each category AFTER the event. Record student responses to the follow-up questions.

	TRUE	FALSE	Not Sure
We all depend on water.			
What we do at home and in the community can affect our water.			
Water quality can determine what animals can live in a river.			
Weather, wind, and the surrounding environment can affect a river.			
A river is more than just water.			

The part I like most about A Day in the Life of the Buffalo River was...

Something I'd like to know more about is....

### Student Attitudes Evaluation (Mandatory)

Educators: Please survey your class and record the number of students responding for each category AFTER the event.

	OK	Good	Awesome
Going in the river is...			
Exploring the sample site is...			
Testing water quality is...			
Catching river animals (like insects) is...			
Measuring turbidity and temperature is...			







**ENVIRONMENT AT SAMPLE SITE DATASHEET**

**Site Description**

<i>EXAMPLE:</i>	<i>70% forest, 20% marsh, 10% recreational</i>

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**Shoreline Appearance**

<i>EXAMPLE:</i>	<i>marsh, pier, riprap</i>

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**Water Depth**

<i>EXAMPLE:</i>	<i>18 inches</i>

**Average water depth:**

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## NITRATES AND PHOSPHATES

### Nitrate

*EXAMPLE:*

Time	(ppm)
8:30 AM	20
AVERAGE	

Nitrate levels show pollution (above 4 ppm)?

YES

NO

### Phosphate

*EXAMPLE:*

Time	(ppm)
8:43 AM	2
AVERAGE	

Phosphate levels within healthy range (below .03 ppm/ water remains clear)?

YES

NO





## CHEMICAL ANALYSIS DATASHEET

Dissolved Oxygen	(Extra Activity)			
	Time	Water Temp °C	DO (ppm)	% Saturation
<i>EXAMPLE:</i>	8:30 AM	19	6	64%
	<b>AVERAGES</b>			

Average DO within healthy range (5-11)?                      YES                      NO

Extra Activity: Average % saturation 90% or above?                      YES                      NO

pH (of tablet test)	Time	pH
<i>EXAMPLE:</i>	8:43 AM	7.5
	<b>AVERAGE pH</b>	

Average pH within healthy range (6.5-8.2)?                      YES                      NO