

HERRING COUNT TRAINING



WHERE DO I COUNT?

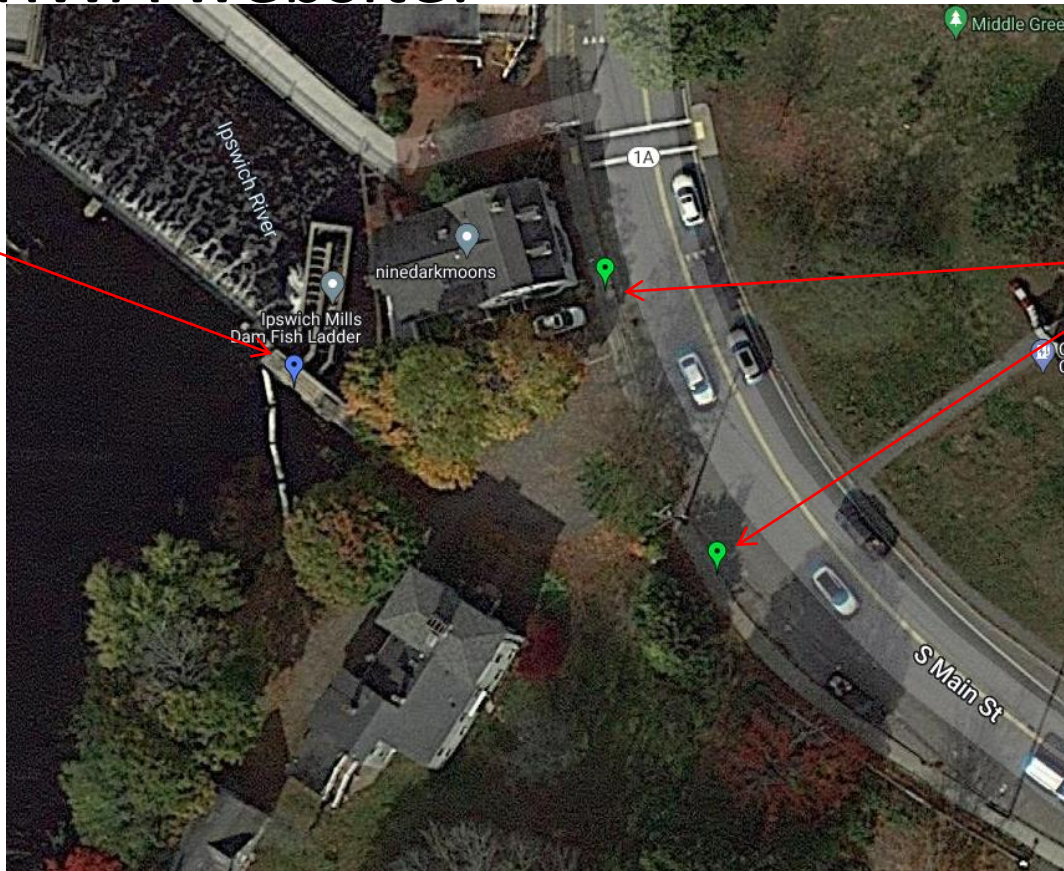
IPSWICH MILLS DAM



WHERE IS IT?

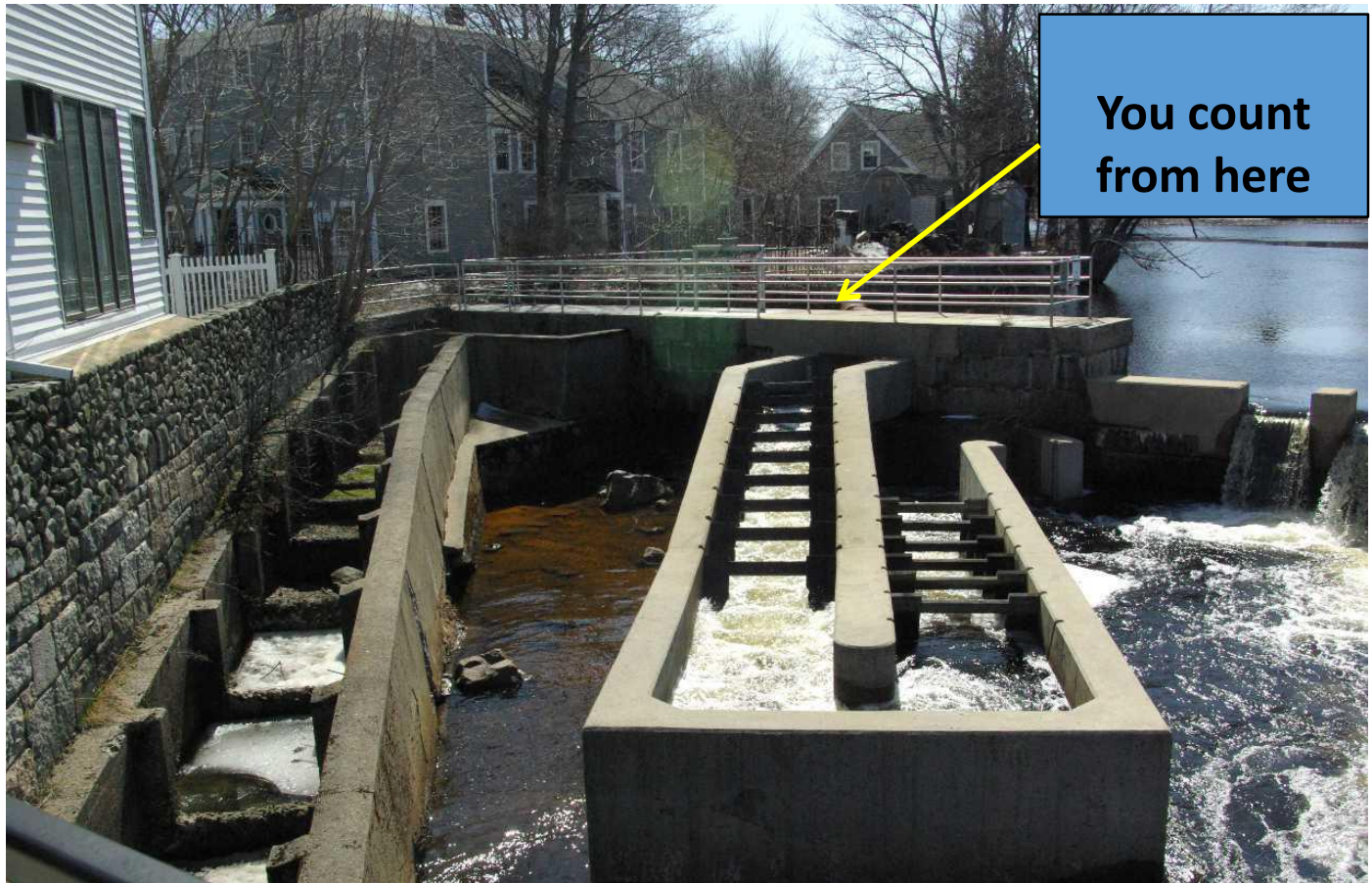
See the [map](#) with directions on the IRWA website.

Fish Count
Location



PARKING

WHERE DO I COUNT?



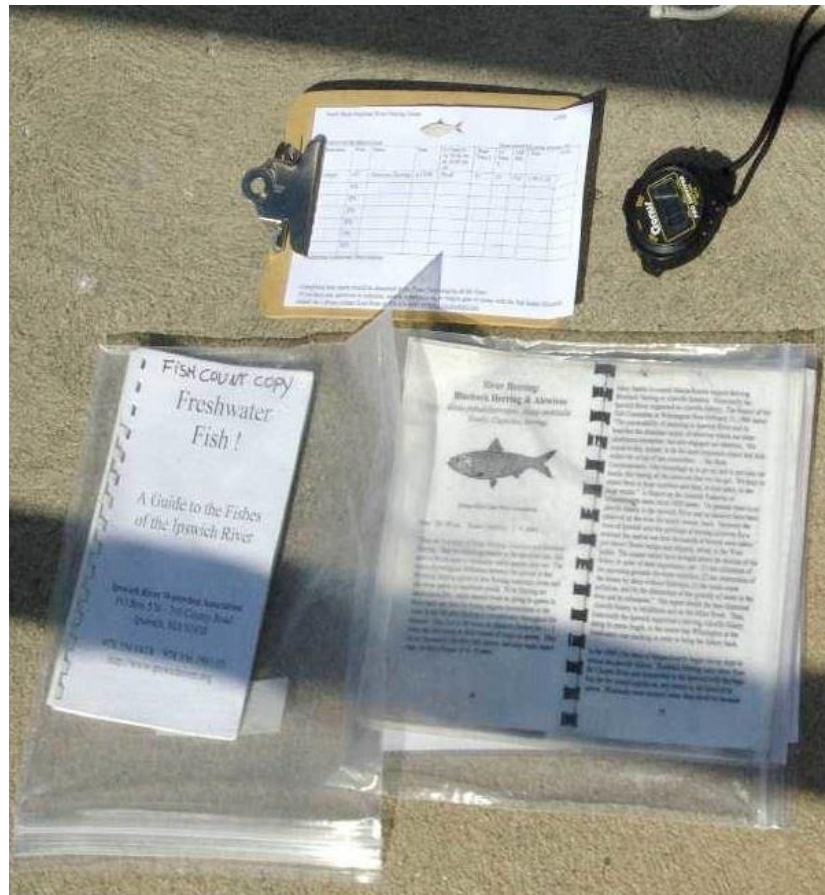
HOW DO I COUNT?

STEP 1: Find box on fence



STEP 2:


Remove everything you will need.




- CLIPBOARD
- PENCIL
- STOPWATCH

STEP 3:

Record your name and date in the columns on the data sheet.



IPSWICH RIVER WATERSHED ASSOCIATION
The Voice of the River



2011

Ipswich River ERSCO Dam

PLEASE RECORD FISH GOING UPSTREAM ONLY


Observation	Name	Date	Weather (see key below)	Water Temp C	Air Temp C	AM/PM	Time	# Fish (ONLY record herring)
Example	Henrietta Herring	04/12/11	5	15	19	PM	1:00-1:10	1
1								
2								
3								
4								
5								
6								

Weather Key: 1= no clouds (sunny); 2= 1%-25% clouds; 3=26%-50% clouds; 4=51%-75% clouds; 5=76%-100% clouds; 6= drizzle/light rain; 7=rain/moderate-heavy; 8=sleet/snow; 9=other


Additional Observations:

STEP 3:

Record the weather on the data sheet.



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2011

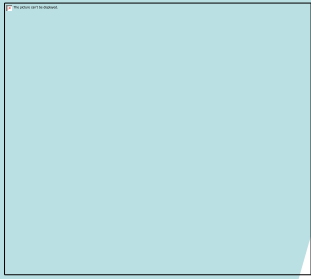
Ipswich River EBSCO Dam

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Additional Observations:



STEP 5:

Record the air and water temperature in degrees celsius.

- Be sure to turn the air temp. board away from direct sunlight.



STEP 5 (CONT.):

Record water and air temperature on data sheet.



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Additional Observations:

STEP 6:

Record the time interval and write “AM” or “PM” in the columns



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Additional Observations:

STEP 7:

- Look down at the counting board and begin the stopwatch.
- Watch continuously for TEN minutes.




WHAT AM I LOOKING FOR?

Watch this [video](#) to see what herring and some other fish look like.




STEP 8:

- Record the number of any HERRING GOING UPSTREAM (and only herring going upstream) in the “fish” column of the data sheet.
- If any herring are observed going back downstream, subtract that from your total.



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Additional Observations:

STEP 9:

- Make any other notable observations about wildlife or other activity around the fish ladder.
- Record these at the bottom of the data sheet.
- Examples:

- I saw a huge snapping turtle!



- Fifteen lamprey came up during my count!
 - I dropped the pencil in the river, sorry :(
 - The river otter ran up the ladder!

TYPES OF FISH YOU MIGHT SEE

2008 TRAP RESULTS

MOST COMMON FISH



130 ALEWIFE



1021 SEA LAMPREY



**18 RED BREASTED
SUNFISH**



23 GOLDEN SHINERS



42 WHITE SUCKERS



22 PUMPKINSEED



20 YELLOW PERCH

TYPES OF FISH YOU MIGHT SEE

2008 TRAP RESULTS

LESS COMMON FISH



1 BLUEBACK HERRING



1 PICKEREL



6 LARGEMOUTH BASS



0 AMERICAN SHAD



3 BULLHEAD

2 AMERICAN
EEL



1 CREEK CHUBSUCKER

STEP 10:

- Return all counting tools to the boxes.
- If the data sheet is full, place it in the plastic bag in the box.
- Multiple dates can go on one sheet.
- Hang box back up on fence if you removed it.
- You're done! Thanks! :)

HOW OFTEN DO I COUNT?

- As often or as little as you want!
- Once a day, once a week, one time only, up to you! **

WHEN DO I COUNT?

- There are THREE time periods every day:
- 7 AM to 11 AM – three 10 minute counts
- 11 AM to 3 PM – three 10 minute counts
- 3 PM to 7 PM – three 10 minute counts

**Goal is for random data

HOW DO I SIGN UP?

- Request email will go out every Thursday for the following week.
- Go to the [Ipswich River Herring Count Page](#) on SignUp.com.
- You can sign up anytime. Go to a date and click the Sign Up button
- You can see who is already signed up in each time block (7am-11am, 11am-3pm, 3pm-7pm).
- Pick a block Enter your information and click Save
- You should receive an email showing your sign up times.
- Save the link, but it will be sent out weekly with any updates.
- check the calendar in the box to see if that time is already covered.

Counting Guidelines

The goal is to do a ten minute count at some point within the time period you sign up for, ideally with 3 counters signed up for each time period for a total of 9 counts a day.

The time periods in which to count are:

7AM - 11 AM

11AM - 3 PM

3PM - 7 PM

Four rules:

- 1) Randomness is better, so if you do a count in the same time slot regularly try to not have it be at exactly the same time.
- 2) Please, no back to back counts, meaning if you sign up for more than one count in a given time slot please leave at least 10 minutes in between.
- 3) If you do a drop-in count (don't sign up ahead but pop by when you have time) *please please check the data sheet to make sure a count is needed and fill in your name on the hard copy schedule in the box.* Otherwise a scheduled counter might get bumped from their planned slot.
- 4) Please don't forget to close the camera box cover when you are done.

What do I do if I have questions?

- Ryan
- rodonnell@ipswichriver.org
- (978) 412-8200 (Mon-Thurs. business hours)

THANKS FOR COUNTING!
REMEMBER, EVERY COUNT COUNTS!

