

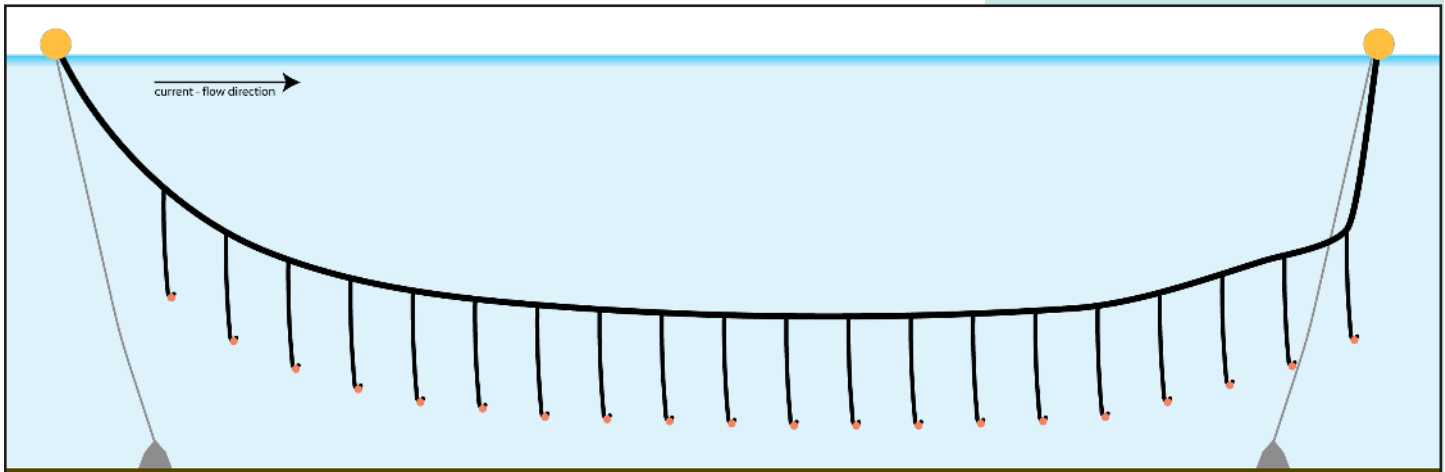
Set-Line

Set-lining is a method of fish capture, and is used by the NWSRI as the main method to catch juvenile and adult white sturgeon.

A **set-line** is made up of:

- A main heavy line
- A number of shorter lines with hooks for bait
- Bait (sockeye salmon is a favourite for sturgeon)
- Buoys to keep the line floating in the water
- Anchor to keep the line in place

This is a diagram of what a set-line can look like, with all the parts. **Can you name all the parts of the set-line diagram below?**



Set-line diagram.

Set-lining is used mainly because:

- It can cover a large area of the river
- It can be set-up and left for a number of hours
- It has lots of hooks, so higher chance of catching a sturgeon
- It can be placed in flowing or still water using the same equipment

What other types of set-lines are there, and what are they used to fish?

Uses for Set-Line fishing for sturgeon recovery

The NWSRI uses the set-line fishing method in two of their monitoring programs for sturgeon.

Juvenile Monitoring Program

- Measures the number of wild young fish in the river and those released from the hatchery program.
- Measures the growth rate and survival rate of young sturgeon in the river.

Spawn Monitoring Program

- Catches mature sturgeon to use at the hatchery for breeding.
- Measures the number of adult, large juveniles and sub-adult sturgeon in the river.

More available at:

www.nechakowhitesturgeon.org/education

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