

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | O | I | T | A | V | R | E | S | N | O | C | X | T |
| N | O | K | D | M | Y | E | H | H | O | P | N | D | R |
| O | O | S | C | M | L | L | I | J | I | U | N | E | A |
| I | X | I | A | U | P | B | E | H | T | T | O | S | N |
| T | Y | T | T | L | P | A | N | I | A | R | I | A | S |
| A | G | E | E | A | U | W | Z | N | R | A | T | L | P |
| T | E | B | P | G | S | E | W | Z | T | I | A | I | I |
| N | N | Y | U | F | L | N | S | E | L | D | L | N | R |
| E | X | Z | S | G | H | E | E | Z | I | N | U | A | A |
| M | Z | M | N | P | S | R | P | D | F | E | G | T | T |
| I | A | E | F | I | L | F | I | B | N | L | A | I | I |
| D | I | R | G | Q | H | S | P | Y | W | O | O | O | O |
| E | C | A | T | C | H | M | E | N | T | M | C | N | N |
| S | I | N | O | I | T | A | R | O | P | A | V | E | S |
| S | T | O | R | E | S | O | U | R | C | E | D | B | Y |

source

- evaporation
- condensation
- transpiration
- rain
- oxygen
- catchment
- bugs



store

- coagulation
- alum
- sedimentation
- filtration
- chlorine



supply

- renewable
- dams
- life
- pipes
- Hinze
- desalination
- conservation



Which word is missing? \_\_\_\_\_

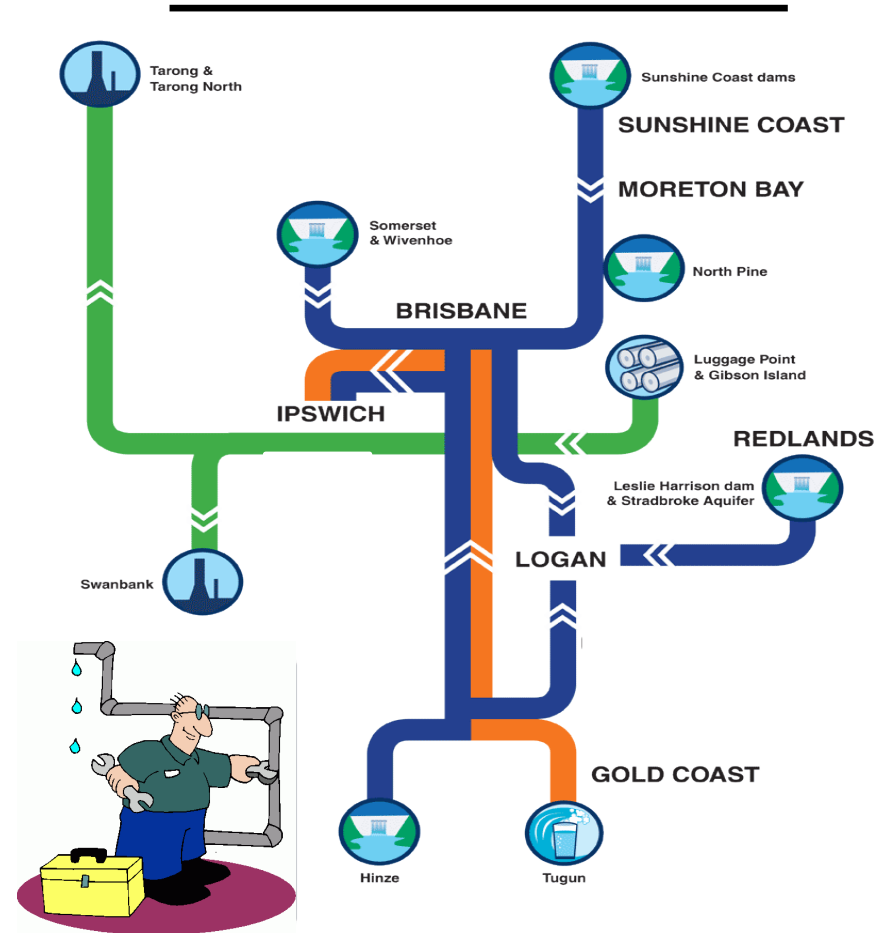
Why do we add this to our water? What does it do?

---



---

# Water Networkers



*How healthy do you think the Hinze Catchment is?*



# Water

## Catchment Scramble

Find the creature and fill in the letter

Hint: some creatures appear twice with different letters

|   |                                       |   |
|---|---------------------------------------|---|
| Katie Koala <input type="checkbox"/>    | Barry Bass <input type="checkbox"/>   | Quincy Quoll <input type="checkbox"/>   |
| Trina Tortoise <input type="checkbox"/> | Gilbert Frog <input type="checkbox"/> | Gilbert Frog <input type="checkbox"/>   |
| Quincy Quoll <input type="checkbox"/>   | Hugo Turtle <input type="checkbox"/>  | Craig Cockatoo <input type="checkbox"/> |
| Polly Python <input type="checkbox"/>   | Erica Eel <input type="checkbox"/>    | Trina Tortoise <input type="checkbox"/> |
| Gary Goanna <input type="checkbox"/>    | Peta Perch <input type="checkbox"/>   | Polly Python <input type="checkbox"/>   |
| Craig Cockatoo <input type="checkbox"/> |                                       | Gary Goanna <input type="checkbox"/>    |

### Who am I?

I am often enclosed within a case of twigs and plant material. I am a larva and can grow up to 20 mm. I am a sensitive little fellow. Who am I?

I am a \_\_\_\_\_

I live in still water. I breathe through a long siphon at the end of the abdomen. I am a number 1! Who am I?

I am a \_\_\_\_\_

### Biological indicators

Provide an example for each (name your diagrams)

|                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| Very sensitive       | Sensitive            | Tolerant             | Very tolerant        |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

⑩ ⑨                      ⑧ ⑦ ⑥                      ⑤ ④ ③                      ② ①

Colour in the sensitivity number

Unscramble the letters to answer this question

### What is Seqwater's role in our community?

They \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ our water.

Complete the  
*Hinze to Home*  
journey



SOURCE



STORE



SUPPLY



# Scientist

| Test        | Results  |
|-------------|----------|
| Turbidity   | NTU      |
| Temperature | °C       |
| pH          |          |
| DO          | ppm<br>% |
| Phosphates  | ppm      |

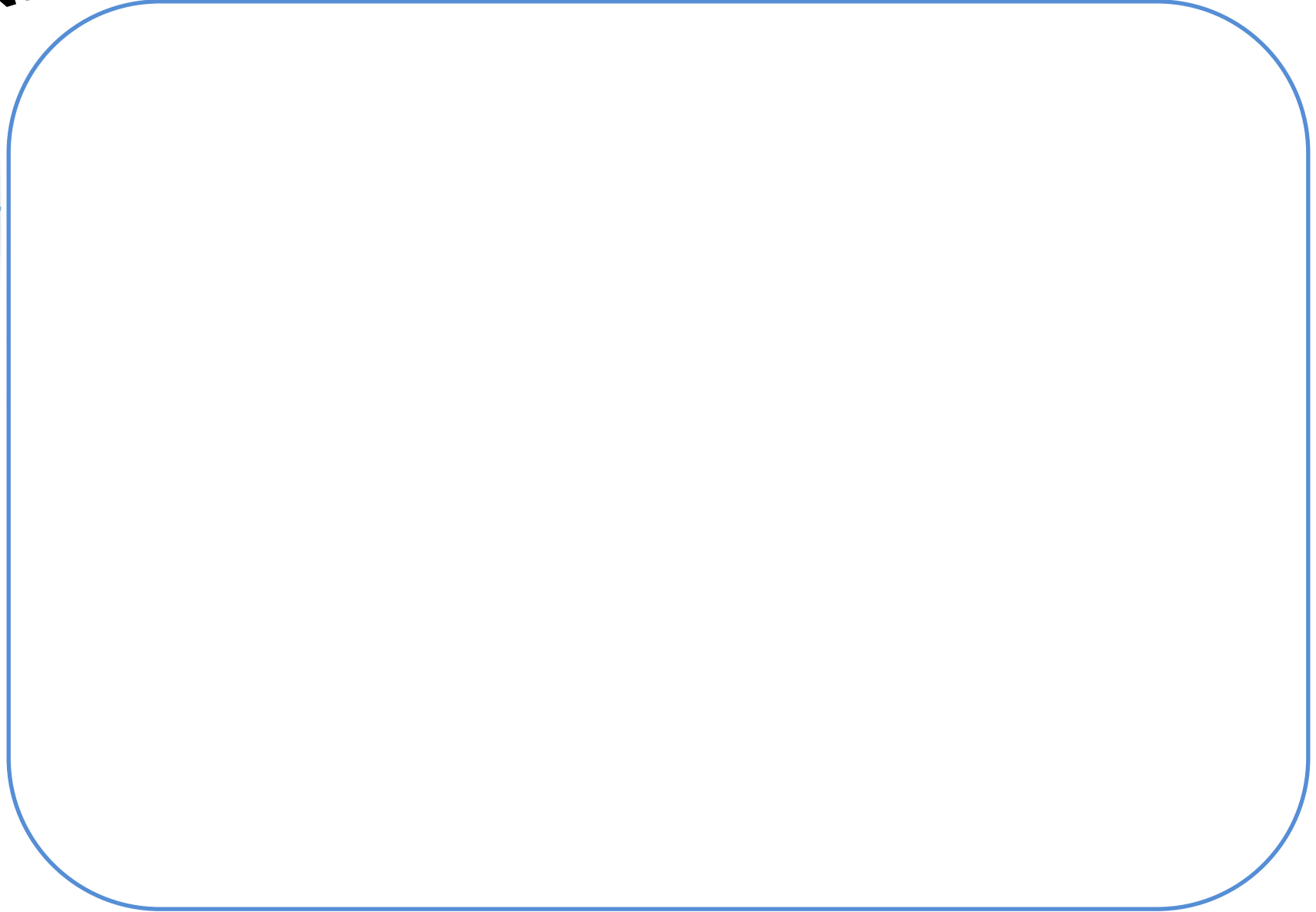
Now that you are an expert Water Scientist, what is your conclusion? **Do you think the Hinze Catchment is healthy?**

Explain



# THE NETWORK

Draw the  water network



Checklist

- ✓ Dams
- ✓ Treatment plants
- ✓ Desalination plant
- ✓ Pipes
- ✓ Reservoirs

SUPPLY



*Remember!*  
to label your  
diagram