

World of Water Quest: Desalination & Recycled Water

Name: _____

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⇒ Step 1: Click on **Water cycle**, then find **Urban water cycle - Desalination**

1. What is desalination? _____

2. Why was the desalination plant built? _____

3. Why is desalinated water important during times of drought?

4. Where is Melbourne's desalination plant located?

5. Where does the desalinated water enter Melbourne's water supply?

6. How much water can the desalination plant produce?

7. Watch the video **Integrating the Victorian Desalination Project** and list all the places where desalinated water could be used.

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⇒ Step 2: Click on **Topics - Water cycle**, then go to the **Urban water cycle** and find **Recycled water**. Watch the video and read the information to answer the following questions.

8. What percentage of sewage is water?

9. Which rooms does sewage come from?

10. What is recycled water?

11. Why can sewage be treated to produce recycled water ?

12. What are the three types of recycled water produced? Describe each

13. List all the places where recycled water is currently used?

14. Why is using recycled water good for the environment?
