



**Toolibin Lake Catchment**

**Year 9- October 2021**

1. What makes Toolibin Lake important?

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**Bird Life**

1. How many bird species have been recorded in the lake?

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1. How many waterbirds are there in Toolibin Lake?

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1. Name 4 waterbirds that use Toolibin Lake.

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1. Which catchment is Toolibin Lake located in?

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1. What is the area of Toolibin Lake?

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1. What is the annual rainfall at Toolibin Lake?

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1. Whilst you are walking out on to the bund look to your right and then look to your left (Toolibin Lake floor). Describe the differences in vegetation you can see.

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| --- | --- |
| Left (Toolibin Lake floor) | Right |
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1. What do you think may have caused these differences?

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1. List at least four main threats to Lake Toolibin.

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1. Where does the salt come from?

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**Major Recovery Actions**

1. Why is there a separator gate/diversion structure installed at Toolibin Lake

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1. When was the diversion structure built?

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1. How does the diversion structure work?

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1. Where does the saline water get diverted to?

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1. What other methods are used to protect Toolibin Lake? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How much ground water is pumped out every day?

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Monitoring the health of Toolibin Lake

1. Complete the following table

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| --- | --- |
| Distance from pump(m) | Ground water depth below ground level (m) |
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|  |  |
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1. What important information does this monitoring site provide?
2. Have there been any major setbacks/challenges in the quest to protect this unique community?
3. What role do local land owners play in helping to conserve Lake Toolibin?

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1. What does your job entail at Lake Toolibin?

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1. What qualifications did you need to get this job?

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1. What is the most exciting thing that you have observed in your time so far at Lake Toolibin?

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1. How would the traditional owners of the Land (Noongar- Wilman)

people have used this area.

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