

An enhanced picture of **Water Allocation in Northland**

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Water is Life...





How much water can we allocate?





It's all about flow...



What is WAT?



Simply put...





Northlands Water Allocation v1.0



Initial challenges





I can see clearly now...



Applying accumulation





While you're at it...

Increase accuracy of tool

- Apply Minimum flow accumulation
- Apply affects of over-allocated SW's to GW
- Improve quality of data

Improve usability of tool

- Improve structure of the tool
- Automate sequences of models
- Make outputs easily accessible



Hydrology / SoE



- Accurate picture of current state
- Identify pressure areas
- Prioritize monitoring and research
- Meet NPS-FM regulations
- Reduced workload







- "See" WA policy
- See over-allocation and availability
- Reduced time to process water take consents
- Easier to communicate decisions to public







- "See" WA policy
- Better data = better decisions
- Future planning thru scenario's



Public



- "See" WA policy
- Transparency
- Confidence in NRC
- Self serve



What's next for WAT?



Thank you

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