

Science & Technology

Water testing



Specialised equipment is used for testing water quality



Water near landfill is tested for contaminants

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Water testing



Why is water testing important near a landfill?

How are they testing the water in these photos? What are they looking for?

Why is it a good sign if the water isn't clear?

What might they do if any contaminants are found?

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Decomposition



A fresh pile of waste at the Kate Valley landfill



A pile of waste approximately ten years old

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Decomposition



Which items in the fresh picture are organic and will decompose? Which are inorganic and will not decompose?

What similarities and differences do you notice in the two photos?

What could we do to reduce the amount of inorganic waste we produce?

Image source:

<http://www.learnz.org.nz>

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Containment



The construction of the landfill liner (plus Siltstone layer)



The landfill liner (plus Siltstone layer)

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Containment



Why was this location chosen for the landfill?

What are the benefits of the Tokama Siltstone layer?

How does the liner protect the environment?

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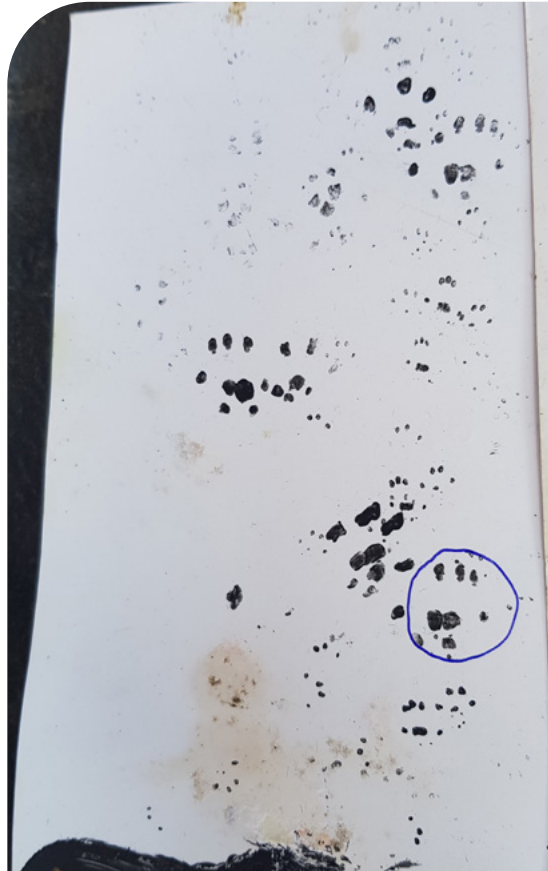
Pest management



Animal tracker (1)



Animal tracker (2)



Animal tracker showing footprints

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Pest management



What animals do you think went across this tracker?

Why is it useful to know what animals are in the bush?

What kind of damage might these animals do in the bush?

How could they deal with the introduced animals they find?