

# Dune Restoration Trust of New Zealand

## National Conference, 2013

### Nelson – A Region of Coastal Diversity

## Conference Presentation: Te Moutere o Matakana Restoration Projects

The following presentation was given by Jason Murray & Aroha Armstrong. The Dunes Trust has been given permission by the presenters to make this document available from our website. However the information and images contained in the document belong to the presenters.

To obtain permission to use the information and/or imagery used in this document for any other purpose please contact [matakanamci@gmail.com](mailto:matakanamci@gmail.com)

The Dunes Trust would like to acknowledge WWF-New Zealand for sponsoring this presentation.



[www.dunestrust.org.nz](http://www.dunestrust.org.nz)

# Te Moutere o Matakana Restoration Projects









10<sup>th</sup> October 2011: Oil reaches the ocean beach of Matakana Island, a 27 km continuous stretch of coastline. Tangata whenua mobilise to start the oil clean up.



Tangata whenua co-ordinate and mobilise whanau volunteer labour force from Matakana .



# The Debris hits on Jan 9<sup>th</sup>





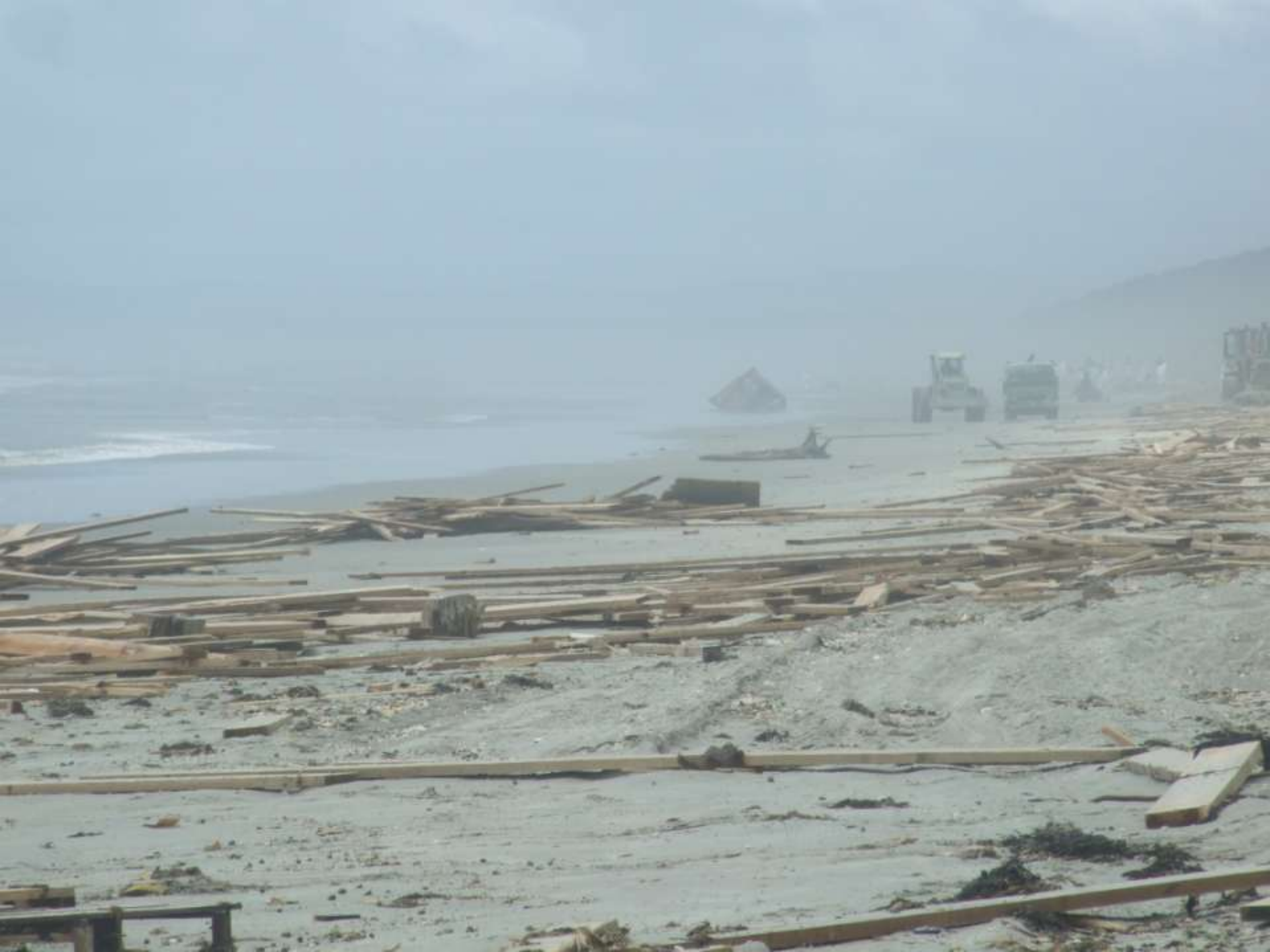














Greatest threat to our sensitive wildlife are the oil & debris – twine, polymer beads, wool , milk powder & food packets.







# Recovery



Sifting the sand for the polymer beads and oil.



# Lamour Machine for oil







HARBER SURF RAKE

MI CONTRACTING  
027 611 7894



The disruption of  
life cycles and  
habitats.





# Post-Rena Restoration



# Matakana Island Environment Group

- Where have we come from?
- What are we doing?
- Who are we doing this for?
- How have we achieved this?

# Understanding your environment

- At least 40% of our diet comes from the moana
- So why has it declined???
- wetlands/swamps etc used as rubbish tips
- Unsustainable land-use e.g. agricultural farming
- High nutrient load into the harbour
- unsustainable land practices affect the water quality, degrade plant and animal habitats and upset life cycle balances that exist locally, regionally and nationally

.What is the solution??

# Matakana Is Nursery



# Matakana Island Nursery “Te Akakura”















- The fresh water outlets and springs that are found throughout the island form part of the natural life cycle of the many fish and shellfish species found in the Tauranga Harbour.
- An increase in Kaimoana quality and quantity depends largely on the quality of fresh water tributaries that run into the harbour.



8

9

1

2

7

6

3

5

4

# Matauranga maori

Matauranga Maori is knowledge that is derived from and finds expression in living with the land.

It is

**Living Knowledge**

# Capturing korero from our Kaumatua pertaining to the whenua and moana











# Western science

- Has a key role to play in the retention of knowledge
- Creates a more holistical understanding that we all can feel apart of
- better informed decision making

# Moving the community...

























# Acknowledgments

- Key funding agencies i.e Nga Whenua Rahui, WWF-NZ, BOP Regional Council, NZ Landcare Trust etc..... And of course the whanau of Matakana

