



# THE OCEAN PLASTIC DEPOT

March 3<sup>rd</sup>, 2021

# PROJECT BACKGROUND

- Establish 2 Depots in collaboration with
  - Alberni Clayoquot Regional District
  - qathet Regional District
- Materials consolidated and separated:
  - Ropes and netting (PP and HDPE)
  - Polystyrene (PS)
  - Billets and large items (mixed PP, HDPE, PET, LDPE, PS)
  - Buoys, Floats, Traps and Baskets (HDPE, PP)
- 16 month Target for landfill diversion:
  - Approximately 150 Tonnes of rope and mixed plastics
  - Approximately 400 cubic yards of expanded polystyrene foam

# PROJECT BACKGROUND

- 2 Depots now established in British Columbia and collecting materials
- ACRD built and receiving materials through Surfrider Pacific Rim and Coastal Restoration Society



# SORTING GUIDE & ACCEPTED MATERIALS



## SORTING GUIDE

### WELCOME TO THE OCEAN PLASTIC DEPOT

This depot is one of the first of its kind in Canada created to collect and recycle select ocean plastics and marine debris materials from cleanup efforts as well as legacy equipment from the marine sector.

Thank you to all the volunteer cleaning efforts that are an integral part in solving this plastic pollution crisis.



### WE DO NOT ACCEPT

- X Coloured Styrofoam
- X Dirty Styrofoam
- X PVC /ABS Tubing
- X Lighters, Tennis Balls
- X Containers or Bottles with liquid
- X Metal, Glass or Fiberglass
- X Candy/Snack Wrappers



<p>DO NOT LEAVE LOOSE ITEMS! All items must be placed in a provided storage bag unless it is too big to fit into bag.</p>	<p>No standing water please, empty all water from all items if possible before placing them in a storage bag.</p>	<p>Do not leave your item in the wrong category or on the ground. Help us keep things organized!</p>
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If you do not see your item included in a category then we unfortunately are not yet able to recycle your item or your regional district has a local recycling option in place.

### WE DO ACCEPT

<p>*OYSTER BASKETS &amp; CRAB POTS Perfect condition, reusable oyster baskets</p>	<p>*OYSTER BASKETS &amp; CRAB POTS Damaged/broken oyster baskets</p>
<p>*HARD PLASTIC BUOYS</p>	<p>*HARD PLASTIC FRAGMENTS</p>
<p>*BEVERAGE BOTTLES</p>	<p>*NETTING</p>
<p>*ROPE</p>	<p>*BARRELS</p>
<p>*TIRES WITH STYROFOAM</p>	<p>*STYROFOAM White Styrofoam No coloured foam</p>
<p>*FOAM FLOATS</p>	

### WHY IS THIS IMPORTANT?

**400 MILLION TONS OF PLASTIC** ... IS PRODUCED EVERY YEAR AROUND THE WORLD

**8-12 MILLION TONS ENTERS THE OCEAN** ... EVERY YEAR KILLING MARINE WILDLIFE, COMPROMISING HUMAN AND OCEAN HEALTH, THREATENING FOOD QUALITY AND SAFETY AS WELL AS COASTAL TOURISM, CONTRIBUTING TO GLOBAL CLIMATE CHANGE.

**SINGLE USE PLASTICS ACCOUNT FOR** ... A LARGE PERCENTAGE OF MISMANAGED PLASTICS.

**MICROPLASTICS** ... THREATEN OUR ENTIRE ECOSYSTEM. THE PARTICLES ARE IN OUR FOOD, WATER AND ARE NOW A PART OF OUR WEATHER SYSTEMS. PREVENTING PLASTIC FROM ENTERING THE OCEAN HELPS PREVENT ITS EVENTUAL BREAKDOWN INTO MICROPLASTICS.

**ONLY 9% IS RECYCLED** ... MUCH OF IT ENDING UP IN LANDFILLS OR WATERWAYS.

### DEPOT BENEFITS

- \* Diverting landfill waste
- \* Reducing oceanic plastic pollution
- \* Reducing our carbon footprint by making recycled sources of plastic available
- \* Stimulating the Canadian plastic circular economy
- \* Creating safer and cleaner marine environments for all to enjoy

Please carefully read the category and picture signs that are provided next to each storage bag located either in or beside the depot containers.

# DEPOT IMPORTANCE FOR LOCAL COMMUNITY



# SURFRIDER FOUNDATION PACIFIC RIM



## Since 2016

- >2500 volunteers
- 50 tonnes of debris
- 25 beach events
- 46 individuals + businesses registered on MDT app for solo beach cleans
- 22.5k items recorded since April 2020!

## Looking forward...

- CCCW Funding, job creation
- EOL options for hard to recycle materials

# MEMBERSHIP CARD

- Tipping Fee Waiver
- Training - minimize contamination
- Data

Initial pilot of 6 members made up of our partner organisations and dedicated Surfrider members that regularly undertake cleanup work.



# END OF LIFE PROCESSING AND RECYCLING



# NEXT STEPS AND LONG TERM VISION

- We are proposing to launch the ACRD opening at the end of March together
- Releasing press release
- Opening for public use
- The ACRD Depot is being used to model other locations throughout the province
  - Possible expansion into
    - Comox Valley Regional District
    - Mount Waddington Regional District
    - Prince Rupert area





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