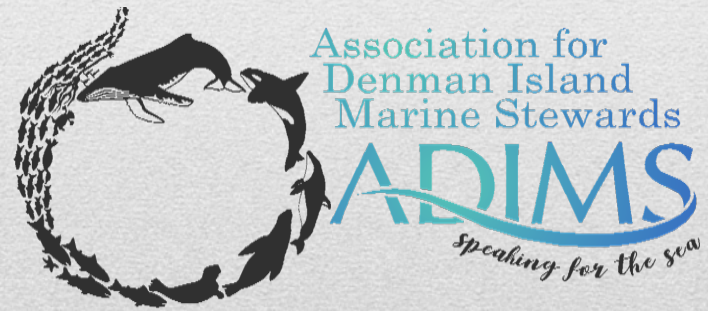


# Clean Coast Clean Water Initiative



ADIMS and Comox Valley Shoreline Cleanup

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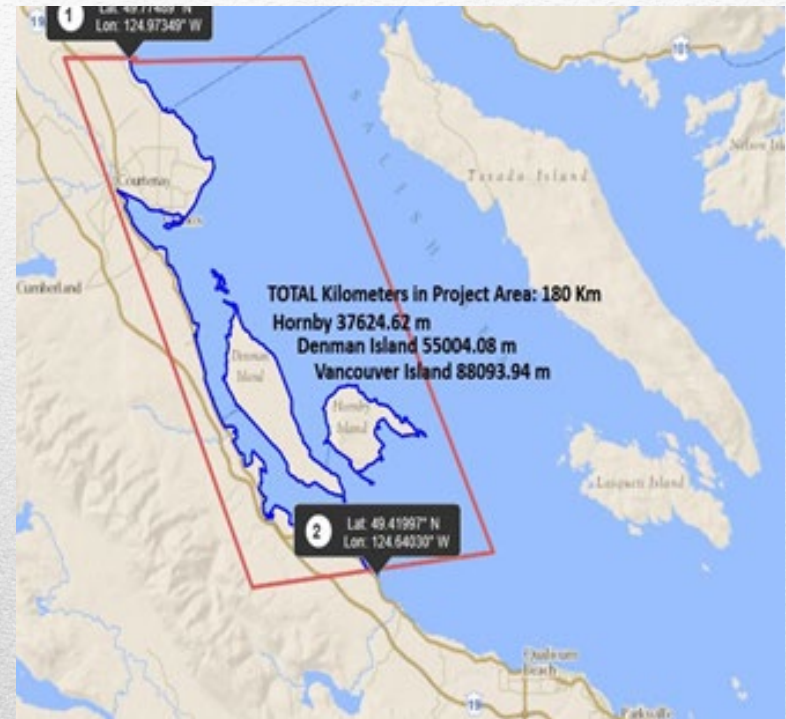
## Co-management team:

Liz Johnston, Beth Janz and Lisa Pierce

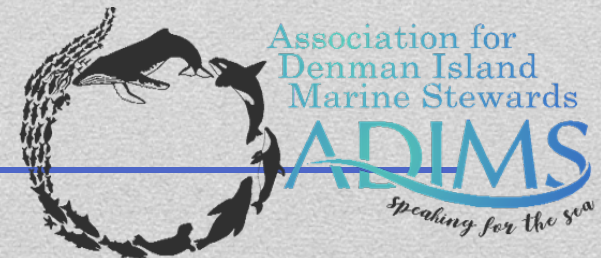


## Scope:

Seal Bay → Bowser



# Comox Valley Beach Cleanup 2021





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# K'ómoks Guardian Watchmen



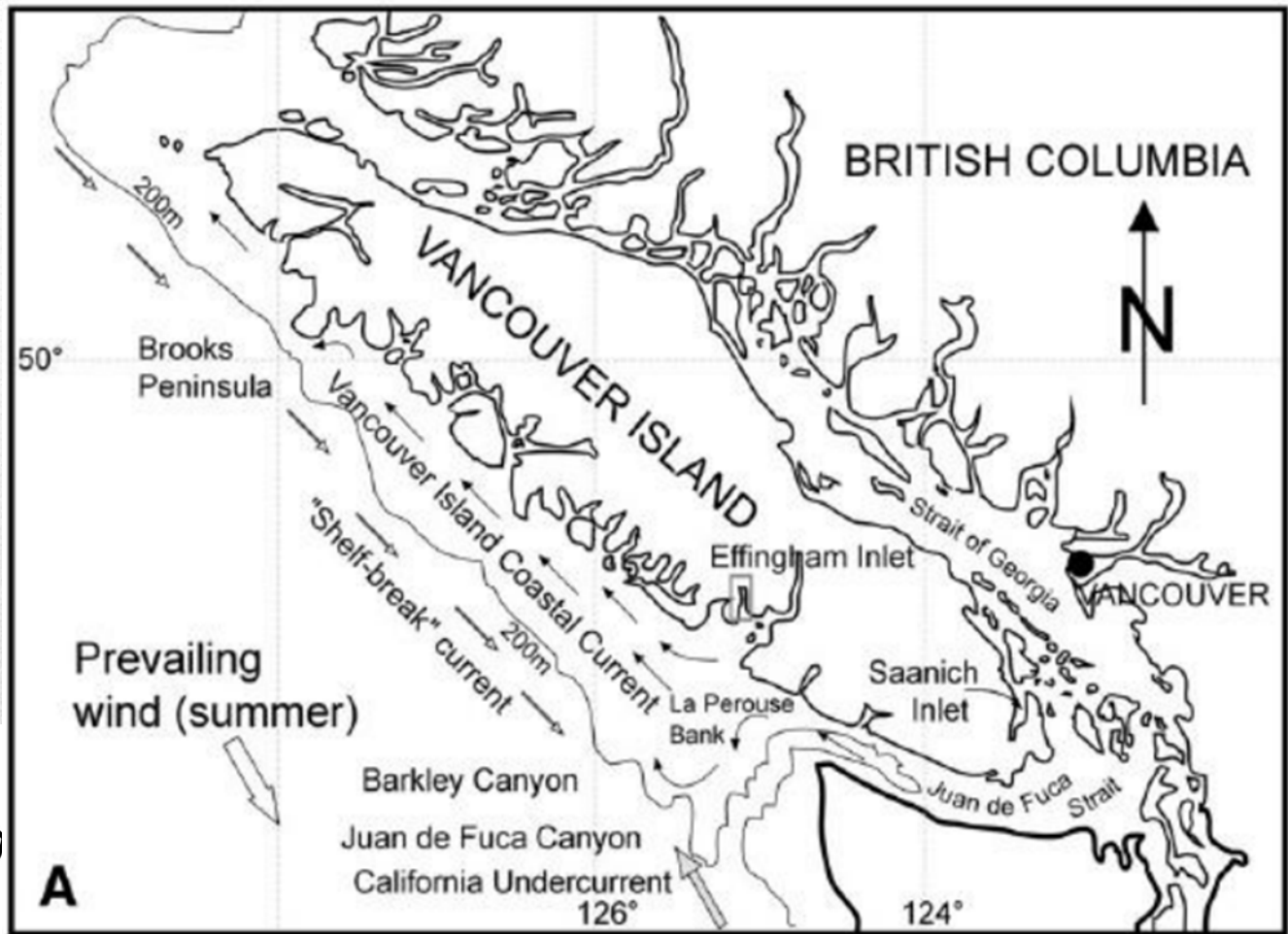


## Debris collection - Totals

*Please record the total kilograms collected to be processed for end of life management, per category of debris.*

Total	Kilograms
Total debris collected for recycling	18 314.18
Total non-recyclable debris collected; to be landfilled	16 287.10
Total debris intended for re-use or repurposing	3 674
<b>Total debris collected</b> <i>Sum of all debris categories</i>	<b>38,275.28 kg</b> <b>&gt; 38 MT (metric tonnes)!</b>





Oceanography degree and knowledge of local currents not required to determine source of marine debris in Comox Valley region...



Baynes Sound supports the highest density of intertidal shellfish aquaculture in British Columbia...

Over 95% of marine debris collected during beach clean up events in Baynes Sound is from the shellfish industry.



Sustainable shellfish industry?





**types /sources of industry  
debris....**

---



The most visible and widespread marine debris collected on beaches in the Comox Valley region.

Despite the massive volumes collected during a beach clean up event.... this represents only a portion of the total amount washed up on our shores every year.



# Oyster Trays





Longitude Latitude  
-124.7567° W 49.4602° N 24° C  
Wednesday, 14, Jul., 2... 07:39 P.M.

# Industry rafts





**Beach: storage, dumping ground,**





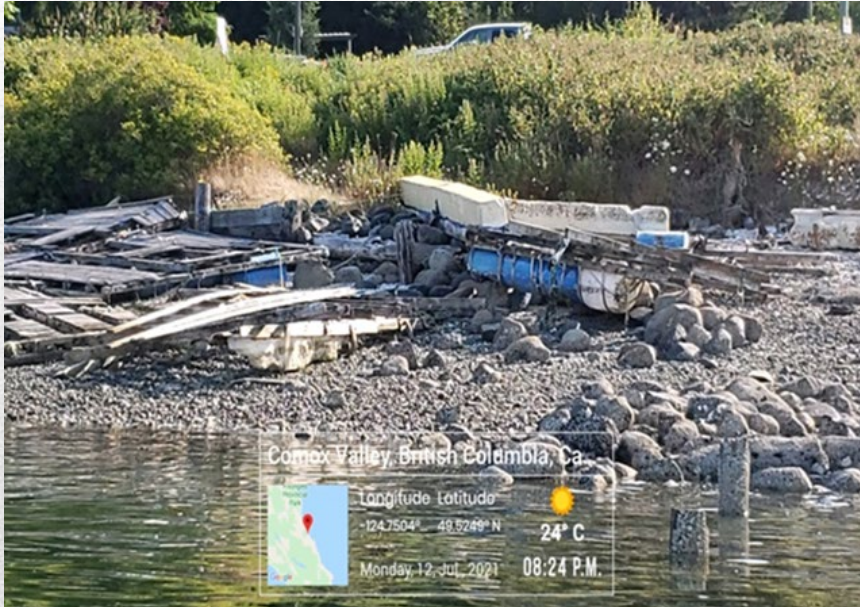
...dump





## Before

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## Clean-up in process

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# Special Focus:

## Derelict Shellfish Industry Rafts

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### (Fanny Bay and South of Union Bay)





## Participation *from* Macs Oysters







# **production practices**

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# production practices 2





# 'Oyster blues'





# Intertidal areas under tenure

Buckley Bay



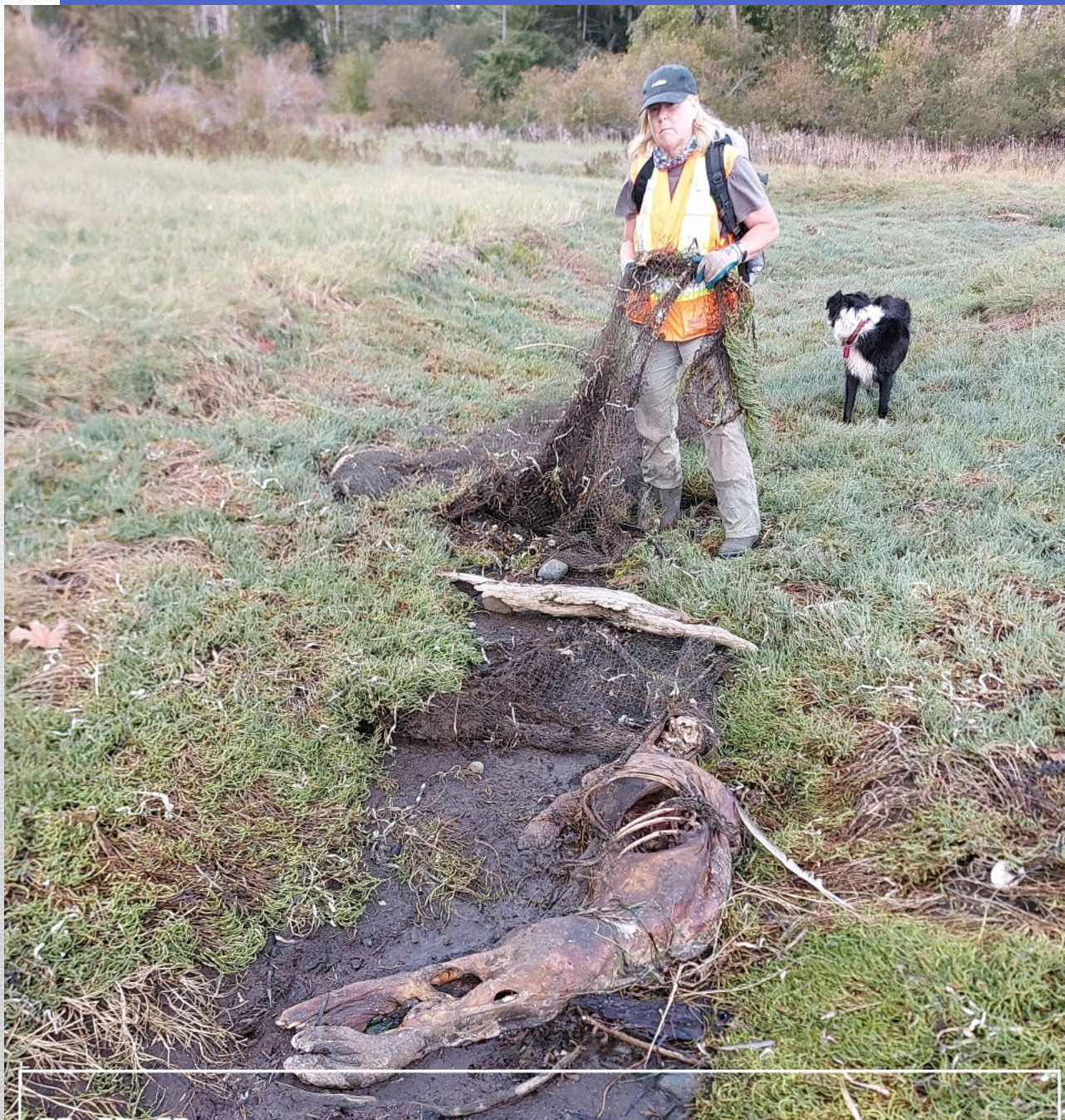


## **KEY CONCERN (arising from estuary focus...)**

**The predator nets used by the shellfish industry impact 14 estuaries in the Baynes Sound marine ecosystem.**

---





Sept 18, 2021  
Sea lion caught in net  
at Wilbur Creek  
estuary (Mud Bay)

Wilbur Creek:  
Spawning  
ground for Chum  
and Coho





**Special Focus:**

**Predator nets at Wilbur Creek (Mud Bay)**

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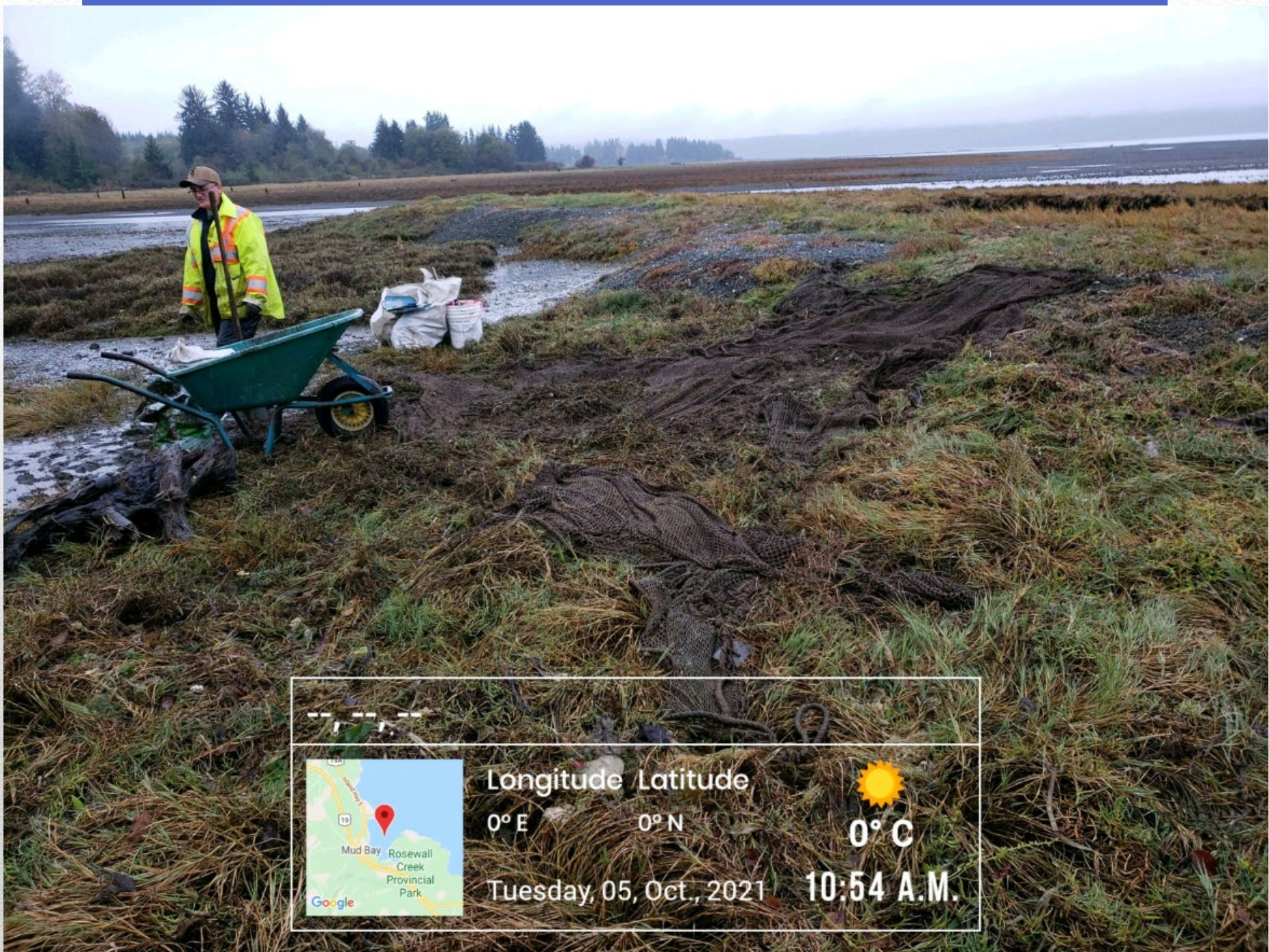
Longitude Latitude

0°E 0°N

0°C

Tuesday, 05 Oct. 2021 10:54 A.M.





Longitude Latitude

0° E

0° N



0° C

Tuesday, 05, Oct., 2021

10:54 A.M.
















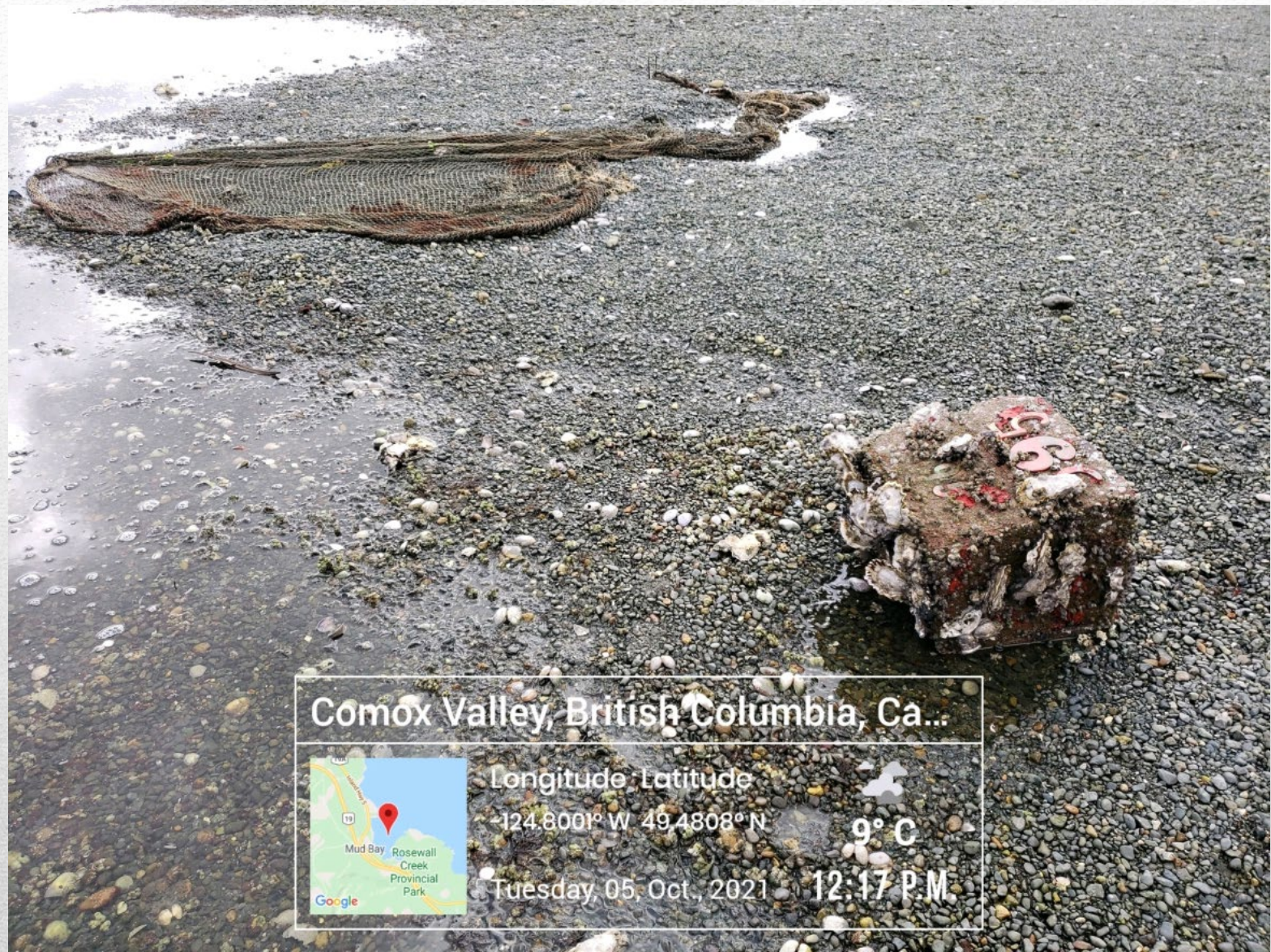


**“It is pretty disheartening to be so exhausted digging up nets and removing debris only to look down a few feet at low tide and see this abandoned mess...**

**We have to wait until nets come loose and float ashore or net decays and pieces float to shore before we can remove debris originating from the intertidal area....”**

**2021 Beach Clean –up worker**





Comox Valley, British Columbia, Ca...



Longitude Latitude

-124.8001° W 49.4808° N

9° C

Tuesday, 05, Oct., 2021

12:17 P.M.



# Comox Valley, British Columbia, Ca..



Longitude Latitude

-124.8466° 49.5241° N

12° C

Friday, 08, Oct., 2021

12:00 P.M.







*Some examples of some of the areas impacted:*



**Henry Bay (Denman Island)**

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# Buckley Bay

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# Comox Valley, British Columbia, Ca...



Longitude Latitude

-124.8466° 49.524° N

12°C

Friday 08, Oct., 2021

12:12 P.M.



## Comox Valley, British Columbia, Ca...



Longitude Latitude

-124.8466°... 49.5241° N

Friday, 08, Oct., 2021



12° C

12:12 P.M.



Comox Valley, British Columbia, Ca...



Longitude Latitude

-124.8466° 49.5241° N

12° C

Friday, 08 Oct., 2021

12:21 PM

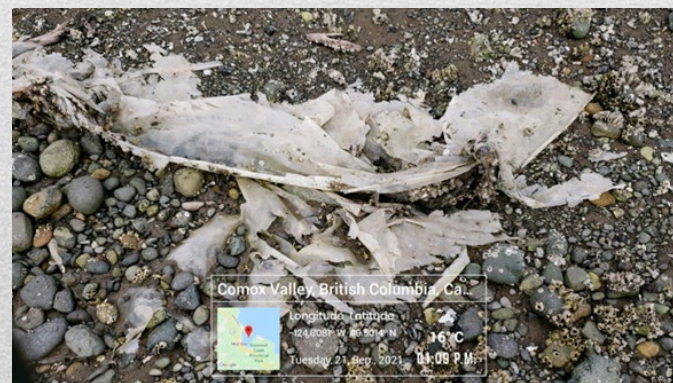
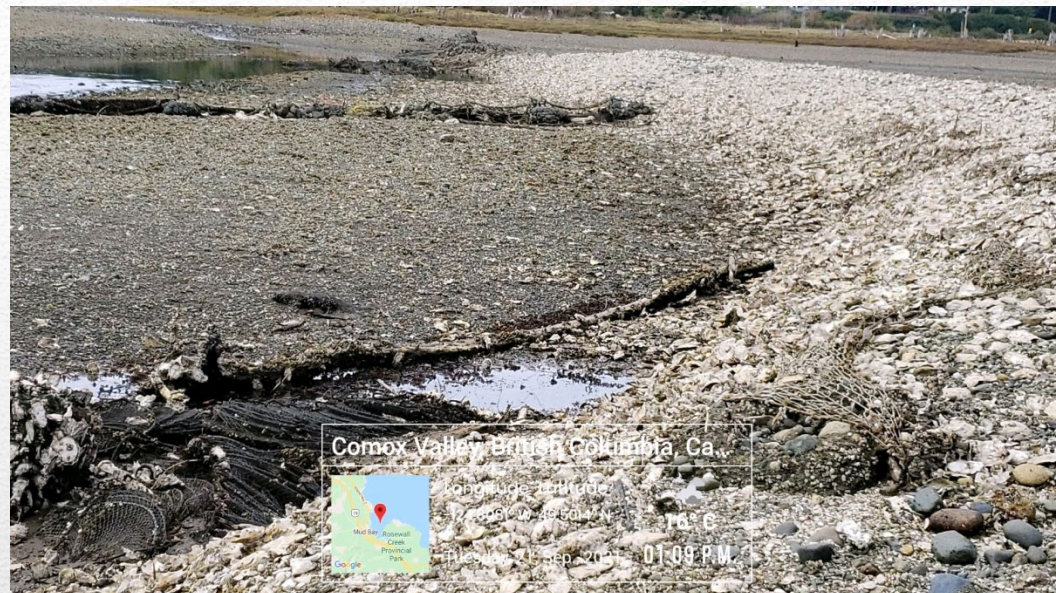




# Fanny Bay estuary

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# McNaughton Creek/Cook Creek Estuary (Deep Bay)





**If I could have one wish / outcome as a result of this shoreline clean up.....**

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# **Eliminate shellfish industry debris on our shoreline**

## ***'Responsible, Accountable, and Traceable'***

- **Shellfish Industry Good Practices**
  - Attitudinal change
  - Zero waste production strategy
  - No more 'cut and release'
  - Secure rafts and equipment
  - Proper storage and disposal of equipment
- **Clean up existing damage and derelict intertidal tenures**
  - Volunteer annual shoreline clean ups
  - Funding pool for restoration of shores damaged by industry



# **Summary**

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**BC SHELLFISH**  
GROWERS ASSOCIATION

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[INDUSTRY](#) ▼

[ENVIRONMENT](#) ▼

# Environment

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Text coming soon.