

Circulation Package



Area B - NM

September 2024



Aquaculture Management Division
Pacific Region
1965 Island Diesel Way
Nanaimo, British Columbia
V9S 5W8

Division de la gestion de l'aquaculture
Région du Pacifique
1965, voie Island Diesel
Nanaimo, C.-B.
V9S 5W8

August 15, 2024

Dear Aquaculture Advisory Group Members, Stakeholders & Regulatory Partners,

Re: Consultation on Marine Shellfish Licence Reissuance and Conditions of Licence

This is to notify you that existing shellfish aquaculture licences expire on April 30, 2025, and licences with updated conditions will be considered for licence reissuance effective May 1, 2025.

DFO is contemplating proposed licence condition changes for this renewal related to: control of harvest for the Canadian Shellfish Sanitation Program; transfer of fish and aquatic invasive species; and protection of fish and fish habitat; and is also contemplating some administrative improvements. We invite your feedback on DFO's proposed licence changes, and any changes you propose. For your reference, attached is the "*2025 Shellfish Aquaculture Licence Review & Reissuance Timeline*", which includes an overview of engagement opportunities and key milestones.

Information received through consultations will be used to inform any potential changes to conditions with the goal of continued improvement in the management and regulation of the aquaculture industry in BC.

To support your review and feedback, please find attached to this letter a document entitled "*Summary of Contemplated Changes to 2025 Shellfish Conditions of Licence*". This document provides an overview of the contemplated changes to conditions of licence. In addition, please find linked a detailed [list](#) and a [map](#) of all currently licensed shellfish aquaculture facilities in BC, and current [shellfish aquaculture conditions of licence](#). Note that DFO conditions of licence are designed to ensure the proper management and control of the fishery and the conservation and protection of fish.

If you wish to discuss the shellfish licence review, please contact Amber Neuman, Senior Aquaculture Coordinator, at 250-618-1022 or amber.neuman@dfo-mpo.gc.ca.

Written feedback for this consultation may be directed to DFO.AQConsult-AQConsultez.MPO@dfo-mpo.gc.ca by **October 31, 2024**.



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Sincerely,

Reagan, Newcomb
A/Operations Director, Aquaculture Management Division

Attachments (2):

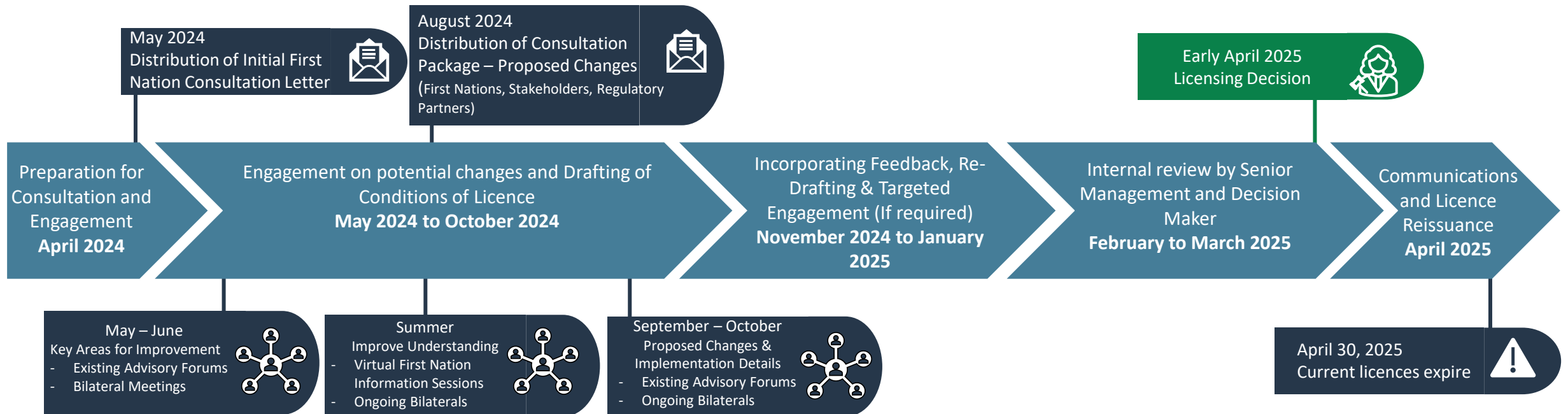
- *2025 Shellfish Aquaculture Licence Review & Reissuance Timeline*
- *Summary of Contemplated Changes to 2025 Shellfish Conditions of Licence*

Shellfish Aquaculture 2025 Licence Issuance

Process to Meet April 1, 2025, Decision Timeline

Background

This document outlines the key milestones to reach a decision on shellfish aquaculture licences by April 1, 2025.



Summary of Contemplated Changes to 2025 Shellfish Conditions of Licence

Fisheries and Oceans Canada (DFO) has started consultation and engagement in advance of the reissuance of 2025 Shellfish Conditions of Licence. The planned issuance for new conditions of licence is May 1, 2025. DFO may implement licence conditions for the proper management and control of fisheries, or for the conservation and protection of wild fish.

Current [marine shellfish aquaculture conditions of licence](#), expiring on April 30, 2025, are accessible on the DFO website.

Please direct any questions, comments, suggestions, or requests for follow-up conversations to: DFO.AQConsult-AQConsultez.MPO@dfo-mpo.gc.ca.

Summary of Contemplated Changes to General Conditions

Item #	Identified Gap or Concern	Contemplated Change
1.	There are terms not previously used or defined in the conditions of licence.	Add new definitions for: <ul style="list-style-type: none">• acoustic deterrent• floating surface culture gear• gear identification tag• growing waters• intertidal stream channel• oyster setting tubes• pinniped• salmonid bearing stream
2.	Some current definitions require updates for consistency with other regulations, clarity, and improved language.	Review and update definitions for: <ul style="list-style-type: none">• approved area• DFO• important and sensitive habitat• introduction• marine mammal• refuse• transfer• transport water
3.	Some current definitions are no longer relevant or are being replaced by other definitions.	Remove definitions for <ul style="list-style-type: none">• biofouling• fishery tag• salt marsh

Summary of Contemplated Changes to 2025 Shellfish Conditions of Licence

4.	Current conditions do not specify a date when payment of annual access to resource fees is required.	Require Licence Holders to pay access to resource fees annually no later than the anniversary date of the licence.
5.	Current conditions exclude reference to seals.	Update conditions that refer to individual species of pinnipeds (e.g., seal lions) to “all pinnipeds.”
6.	The implementation dates for multiple conditions in Part B. Section 9 have passed.	Remove reference to implementation dates in 2021 and 2023, and instead identify these conditions as required.
7.	The Canadian Food Inspection Agency has identified biotoxin monitoring constraints with Geoduck Clam and Giant Rock Scallop.	Remove Geoduck Clam and Giant Rock Scallop from select licensed facilities.
8.	Horse Clam, a bycatch species of Geoduck Clam, requires the same reporting and notification requirements. These requirements are not adequately captured under the current conditions.	Apply licence conditions applicable to Geoduck Clam (i.e. Part B. Section 3. Transfer of Fish, Part C. Section 3. General culture of geoduck, Appendix IX) to Horse Clam.
9.	Licence Holders have increased or moved infrastructure without applying through the harmonized application process, to those agencies with authority (Province of BC and Transport Canada).	Removal of Appendix II for standard equipment or infrastructure. Additionally, update Part B, Section 1.2 of the licence conditions to clarify when a harmonized application is required to amend the DFO facility management plan.

Summary of Contemplated Changes for the Control of Harvest

Item #	Identified Gap or Concern	Contemplated Change
10.	Harvested product has been discovered without harvest tags, which contributes to gaps in product traceability/control of harvest.	Require tags not be removed from any container until the harvested product has landed at a facility licensed by the Canadian Food Inspection Agency (CFIA).
11.	Current conditions do not specify that records and reports must be complete and accurate	Reports relating to aquaculture activities must be complete and accurate. This aligns with language used in the 2024 Freshwater/Land-based conditions of licence
12.	Current conditions do not include certain authorized product movement activities.	Add product movement activity codes to Part B. Section 15.3.
13.	Product movement records did not require recording of source culture type, which is needed to discern between culture types, where more than one exists on a single facility.	Add requirement for recording product movements to document culture type for source shellfish. This will result in an additional column for "source" in electronic recording of product movement records.
14.	There is no ongoing need to identify the CFIA facility licence number in product movement records, as this is extraneous data for DFO.	Remove requirement for this data.
15.	Industry has shared that the application and review process for addition of site-specific condition of licence for floating surface culture gear is administratively burdensome.	<ul style="list-style-type: none"> • Create a new condition for floating surface culture gear which would prohibit harvest or transfer of product from floating surface culture gear unless in possession of a valid <i>Management of Contaminated Fisheries Regulations</i> licence. • Consider other management approaches during engagement.

Summary of Contemplated Changes to Fish Transfer and Aquatic Invasive Species (AIS) Conditions

Item #	Identified Gap or Concern	Contemplated Change
16.	Industry has identified the need for clarity on requirements for shellfish transfers, including but not limited to Horse Clam and Pacific Oyster.	Update language in transfer conditions to better articulate requirements around transfers of adult bivalves, including those intended for broodstock purposes only.
17.	It was identified that Section 3 of the shellfish conditions of licence should be updated to align with the updated 2024 Freshwater/Land-based conditions on authorized movements between zones.	Update language in Part B. Section 3(c) conditions to clarify authorized movement of Pacific Oyster and Manila Clams between zones and permit additional movements with DFO approval through an Introduction and Transfer licence.
18.	It was identified that Section 3 of the shellfish conditions of licence does not include a condition identifying who should hold a valid Introduction and Transfer licence	Add a new condition outlining that the receiving facility shall possess a valid Introduction and Transfer licence, for any transfers requiring a licence. This would be consistent with the 2024 Freshwater/Land-based conditions of licence.
19.	It was identified that Section 3 of the shellfish conditions of licence, does not include a condition clarifying when a Licence Holder must possess a valid Introduction and Transfer licence a	Add a new condition confirming that Licence Holders must possess a valid Introductions and Transfers Licence unless otherwise authorized by these conditions of licence. This would be consistent with the 2024 Freshwater/Land-based conditions of licence.
20.	It was identified that Section 3.1 (e) of the shellfish conditions of licence should be updated to align with the updated 2024 Freshwater/Land-based condition regarding symptoms of disease or infections.	Update condition of licence in Section 3.1 (e) to clarify that Licence Holders must ensure that, prior to transfer, fish or shellfish do not display any observable symptoms of diseases or infections that are of concern to the BC Introductions and Transfer Committee.

Summary of Contemplated Changes to Fish and Fish Habitat Protection Conditions

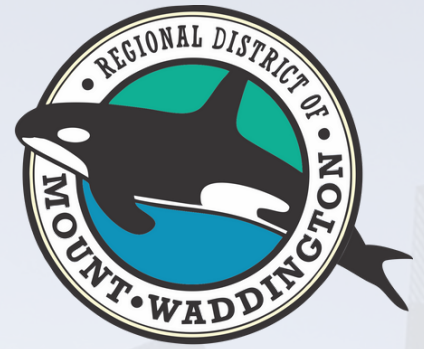
Sorted by General Theme

<i>Facility Inspections and Gear Storage</i>		
Item #	Identified Gap or Concern	Contemplated Change
21.	Lack of maintenance and proper use and securing of gear continues to be an issue.	Strengthen requirements around inspections, i.e., frequency by culture type, maintenance of records, etc.
22.	Current conditions do not specify a date by which facility inspections are to be completed or differentiate by culture method.	Update Part B. Section 2. to clarify when facility inspections are required based on culture method or infrastructure type.
23.	Monitoring has shown that rafts used to store gear are more likely to generate debris on the seafloor.	Restrict the manner and location in which gear may be stored within both deepwater and intertidal licensed facilities.
<i>Gear Interactions with Wild Fish and Sensitive Habitat</i>		
Item #	Identified Gap or Concern	Contemplated Change
24.	Overlapping infrastructure makes the maintenance of predator netting difficult and poses a risk of fish entrapment, which is particularly problematic in important and sensitive habitat including salmon bearing streams.	Phase in two new conditions by September 2025: <ul style="list-style-type: none"> • No aquaculture infrastructure shall be installed within 75m of salmon bearing streams, including braided and seasonal flowing stream channels. • Licence Holder shall not install overlapping intertidal infrastructure.
25.	Predator netting is consistently found to be improperly secured.	Require that predator netting be secured tightly to the substrate around the netting perimeter.
26.	There is redundancy with a current condition requiring equipment to function as intended.	In condition 7.2, remove the need for regular cleaning of predator netting to minimize "biofouling".

Summary of Contemplated Changes to 2025 Shellfish Conditions of Licence

<i>Equipment Types, Identification, and Marine Mammals</i>		
Item #	Identified Gap or Concern	Contemplated Change
27.	French tubes are highly prone to becoming marine plastic debris.	Restricting the use of “French Tubes” or permit them to only under an approved management plan.
28.	Current condition outlining actions the Licence Holder must take upon discovery of an entangled marine mammal does not fully align with current marine mammal, shark, and sea turtle reporting guidelines.	Update condition to align with the <i>Species at Risk Act</i> and current DFO <i>Marine Mammal Regulations</i> guidance including incident reporting and mention of sharks and sea-turtles of concern.
29.	Current conditions do not clearly outline that new types of gear identification tags, besides existing commercial fishing ones, may be considered for approval.	Amend condition for equipment identification allowing innovation and ability for industry associations to submit additional tag types for DFO approval.
<i>Seafloor Surveys</i>		
Item #	Identified Gap or Concern	Contemplated Change
30.	Current condition does not specify a completion date for seafloor cleanups.	Require the annual sea floor clean-up be completed annually by April 1, unless otherwise authorized by DFO.
31.	Current conditions require gear and equipment found on seafloor be removed, potentially leading to confusion that gear actively being used must also be removed.	Update conditions to clarify the intent that only gear on the seafloor that is lost, not being actively used in the location it is found, and/or not serving a function be removed.
32.	Licence Holders have identified that Appendix VI provides limited options for survey technology to conduct seafloor surveys.	Update Appendix VI language to clarify that Licence Holders may use innovative survey methods and equipment to conduct seafloor surveys and clean-ups provided they are using scientifically defensible methods and equipment.
33.	DFO is unable to adequately audit seafloor survey and clean-up records without a detailed map being provided.	Create a new reporting criterion in Appendix VI which will require a facility area map which clearly shows the location of all completed survey transects.

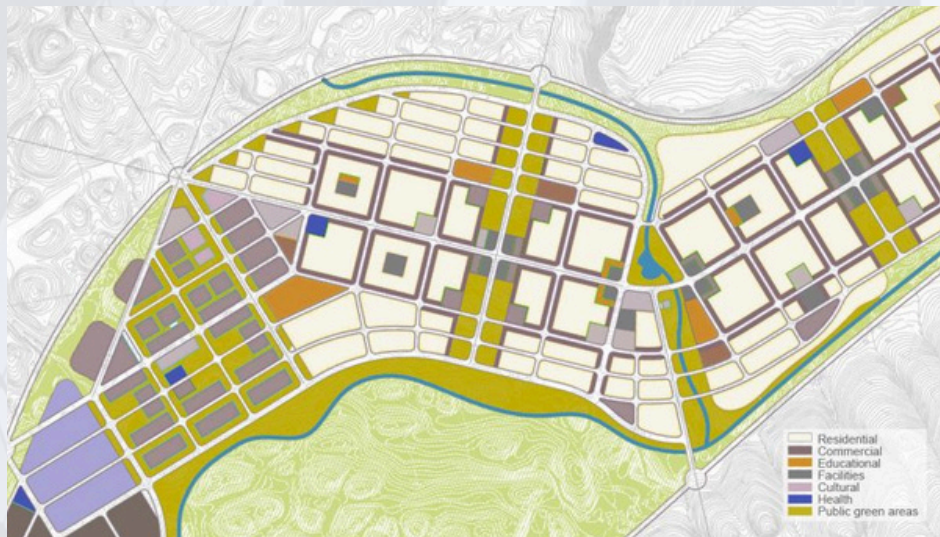
PLANNING NEWSLETTER



THIS MONTH'S REPORT

AUGUST 2024 VOL.5

The Planning Report gives an Overview of developments and activities occurring within the region. Each month a volume is issued by the Planning Department in local media news as an opportunity to create awareness amongst our dynamic local community. For inquires contact: Emmanuel Okorji Development Technician ekorji@rdmw.bc.ca 250-956-3301 (ext 1014)



<https://aqso.net/work/1112upp-pengshui-city-planning/5016-the-urban-development-plan>

KEY NOTES

The RDMW Board has approved the initiation of the Planning Relaxation tool at its July 16th Board Meeting. This relaxation tool delegates staff to use their discretion in relaxing zoning setback regulations for up to but not greater than 1.5 meters (5 feet) during permit applications. Note that this tool does not expel the Development Variance Permit Process. Contact Staff for more details.

INSIGHTS ON DEVELOPMENT APPLICATIONS

Did you know that a Site Permit or Building Permit (in the case of Coal Harbour) is required for any construction, alteration, and occupation of property lots within the RDMW community? Property Owners and Development applicants are encouraged to apply for the appropriate permit by contacting the RDMW Planning department staff.



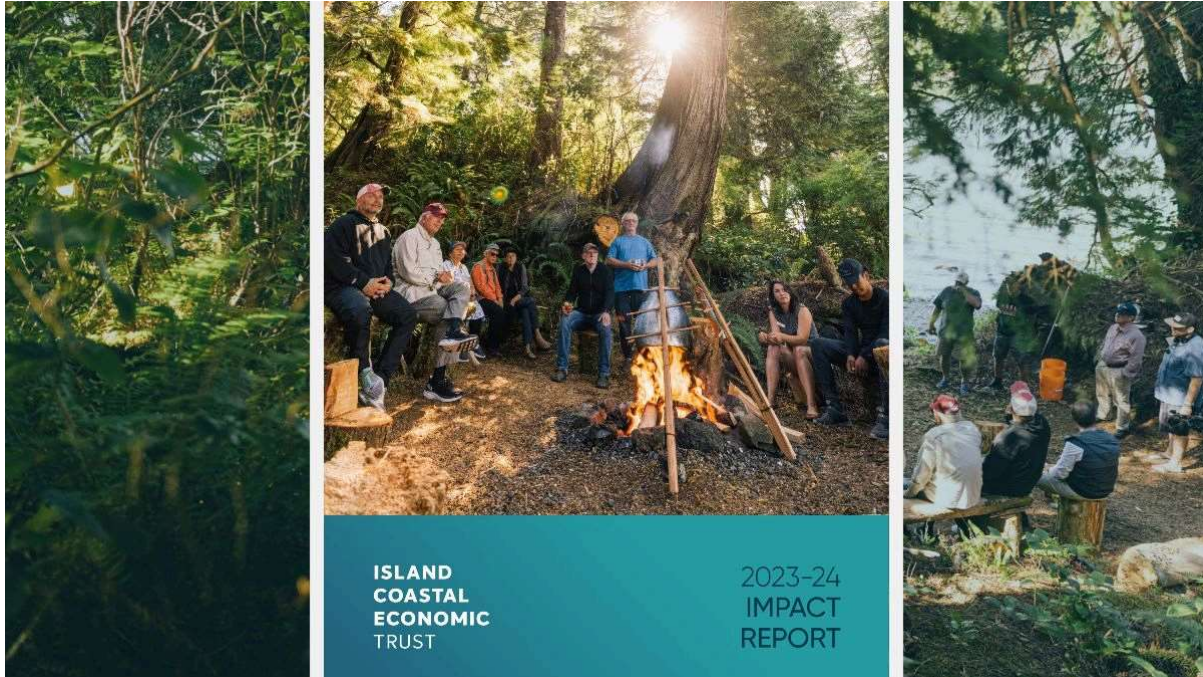
KEY EVENTS

These are a few of the Key Events happening in and around the Regional District pertaining to planning;

- The RDMW is seeking to update its OCP and zoning bylaws.
- The Ministry of Transportation and Infrastructure processes and approves applications related to the subdivision of lands within the RDMW's jurisdiction.
- The use of 5th wheel trailer and RV for dwellings is prohibited throughout the region, except in areas designated for RV parks and marinas.

[View this email in your browser](#)

[2023-24 Impact Report Highlights Community-led Priorities for Island Coastal Region](#)



Island Coastal Economic Trust partnerships with First Nations, local governments, and non-profit organizations attract nearly \$13 million in regional investments.

Courtenay, 30 July 2024 – Over the past year, First Nations, local governments, community organizations, industry associations, and regional economic organizations have partnered with Island Coastal Economic Trust to invest \$3,469,835 in new sustainable development initiatives. These partnerships are unlocking total new investment of \$12,589,796 into the region.

“The past year was one of moving forward in a great way with strategic priorities, including through our valued relationship with First Nations, local governments, industry, and the Province of British Columbia,” said Aaron Stone, Chair, Island Coastal Economic Trust, “In March, we welcomed new investment that is empowering us to move forward with island and coastal communities’ vision to transform the Trust into the first co-governed regional development organization in Canada.”

New partnerships with the Ministry of Jobs, Economic Development, and

“Through our partnerships, the Trust has delivered several new programs that see communities advancing their priorities for inclusive economic development,” said Stone, “drawing on our uniquely community-led approach and strong relationships across the coast to create value with and for the people and communities we serve.”

As we move forward in all our work, we remain focused on creating significant economic and social value for Islanders and coastal people. We are incredibly grateful for the relationships we’ve built across the coast and the commitment our partners express with this, their Trust, when they invite us to co-invest in their projects and communities.

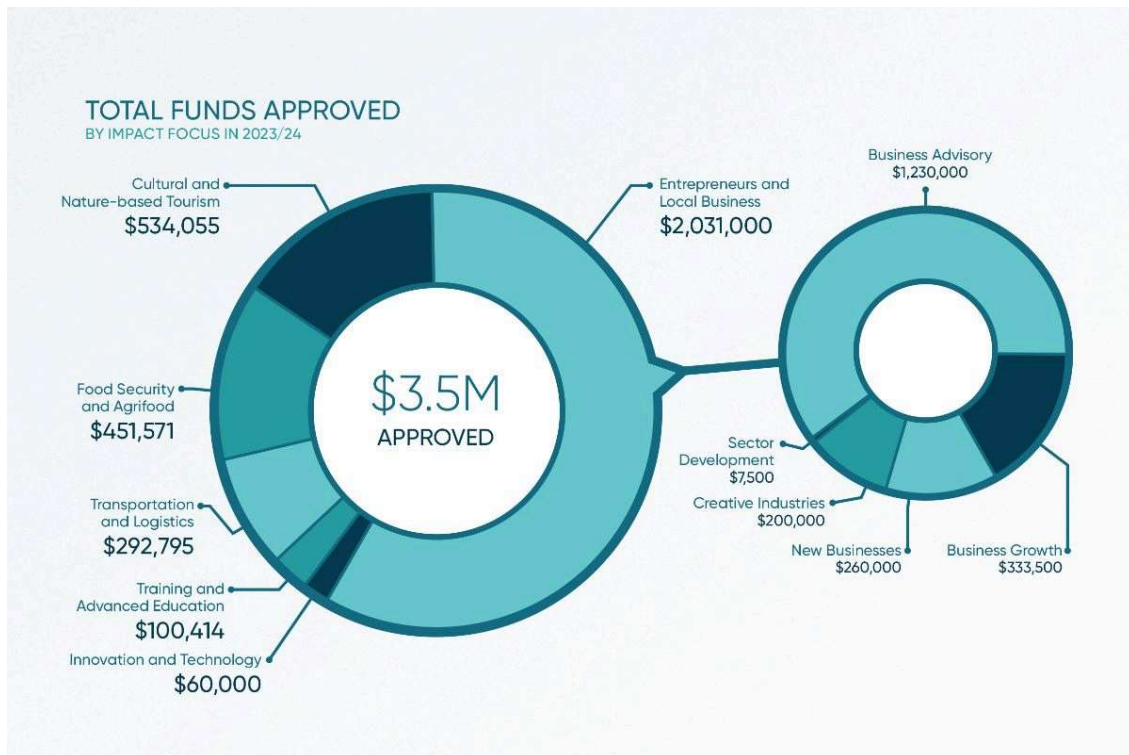
“In collaboration with First Nations, local governments, and the provincial government, we are creating the space and developing the pathways for Island Coastal Economic Trust to be the first co-governed regional development organization in Canada,” said Brodie Guy, CEO, Island Coastal Economic Trust. “We are honoured by the enthusiasm, support, and commitment from communities across Vancouver Island and the surrounding coast, and grateful to be advancing this work through close collaboration with First Nations governments, local governments, and the provincial government in the year ahead.”

As we begin this vital consultation process, inviting all 53 First Nations to share their vision for the Trust, we’ll also continue our core business – investing with communities across our region. Our Board of Directors has made \$2.0 million available for new project investments this year, providing stability for coastal communities that rely on the Trust as a local, community-led, partner.

We invite you to explore [our 2023-24 Impact Report](#), which highlights the incredible projects and organizations that strengthen our local economies and community wellbeing across Vancouver Island, the Sunshine Coast, and the islands and inlets from the Salish Sea to Cape Caution. If you have a project in mind that will strengthen the local economy and wellbeing of people in the region, please visit [our website](#) and [connect with us](#).

Our Impact in 2023-24

development across eight impact priorities. In 2023-24, we invested in 85 projects:



Our 2023-24 Impact Highlights:

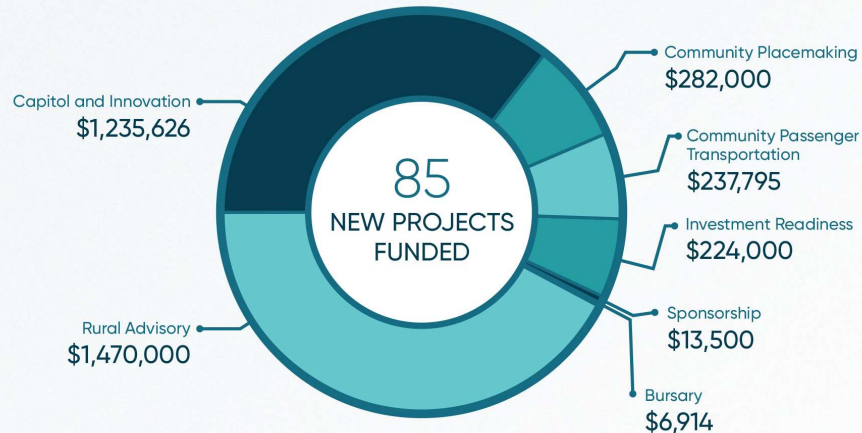
- 40% of funds invested in First Nation-led or partnered projects
- 73 new business start-ups or expansions directly from project investments
- 55% of projects are led by organizations partnering with the Trust for the first time.

[Learn more about our 2023-24 Impact on page 17](#)

Program Results

We continue to focus on our core business – investing in inclusive economic development and strengthening wellbeing – through our Capital and Innovation, Investment Readiness, Community Placemaking, and Regional Initiative programs.

2023-24 HIGHLIGHTS



Our 2023-24 Program highlights:

- \$1.8M invested from the Trust's Regional Development Account, attracting \$4.80 for every \$1 invested by the Trust.
- \$1.7M invested from programs delivered with partners
- 99 Direct, permanent jobs and 139 temporary or construction jobs created from project investments with the Trust.

[Read more about our Program Results, beginning on page 20.](#)

Partnerships and Program Delivery

In 2023-24, we were fortunate to have continued long-standing partnerships and formed new strategic relationships that attract resources to our region and unite people as we build our region's economy together.



Our 2023-24 Partnerships and Programs included:

- **RURAL ADVISORY PROGRAM**
with the Ministry of Jobs, Economic Development and Innovation
- **INTER-COMMUNITY PASSENGER TRANSPORTATION STUDY AND FUND**
with the Ministry of Transportation in Infrastructure
- **COMMUNITY PLACEMAKING PROGRAM**
with 4Vi and Destination BC

[Read more about our Partnerships and Program Delivery, beginning on page 59.](#)

The Secret to Tiičma Enterprises' and Ka:'yu:'k't'h' / Che:k'tles7et'h' First Nations' Development Success

Across three projects, Island Coastal Economic Trust has invested \$650,000 with Tiičma Enterprises. This investment has helped attract nearly \$3.0 million in total investment, equating to \$3.37 for each dollar contributed by the Trust.

[Read the full story on Page 13](#)



To learn more about these impact and other inspiring stories, program highlights, and individual projects across Vancouver Island, Sunshine Coast, and the islands and inlets from the Salish Sea to Cape Caution, check out the full [2023-24 Impact Report](#).



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Our mailing address is:

#108 - 501 4th Street
Courtenay, BC V9N 1H3

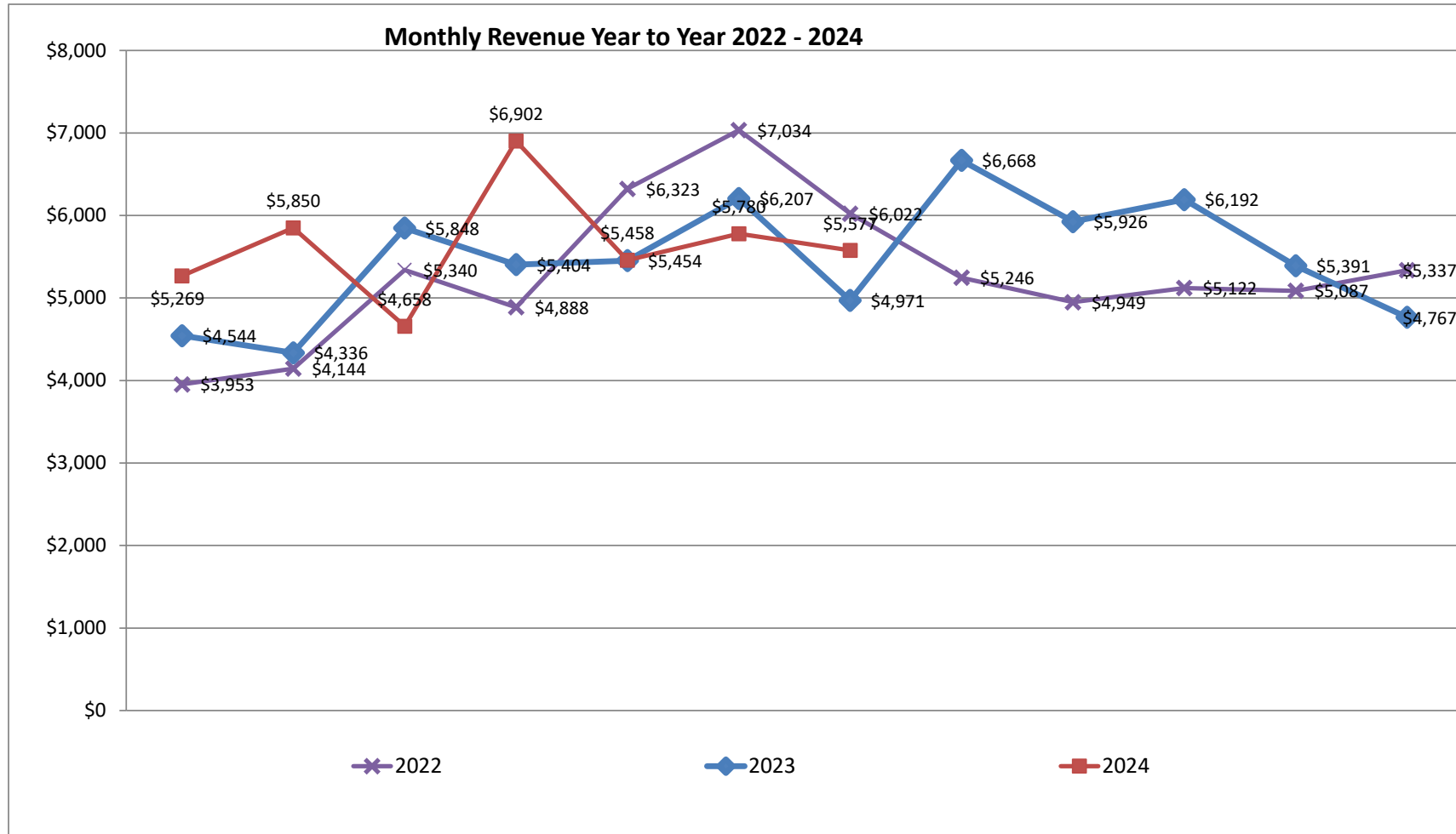
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Average Monthly Revenue

	2022	2023	2024
July	\$6,022	\$4,971	\$5,577
Annual	\$63,446	\$65,707	<i>\$67,705 Projected</i>
Change	11.6%	3.6%	3.0%

Year/Year Comparison (Revenue)

2023 Jan - Jul	\$36,764
2024 Jan - Jul	\$39,495
increase	7.4%



Mount Waddington Transit Revenue Trends

2024

Revenue Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date	Projected
Farebox	\$2,208	\$2,049	\$1,873	\$2,347	\$2,252	\$3,376	\$2,690						\$16,794	\$28,789.46
Ticket Sales	\$819	\$1,418	\$63	\$1,838	\$557	\$32	\$525						\$5,250	\$9,000.00
Pass Sales	\$663	\$804	\$1,143	\$1,138	\$1,070	\$793	\$783						\$6,391	\$10,956.00
BC Bus Passes	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580						\$11,060	\$18,960.00
Total	\$5,269	\$5,850	\$4,658	\$6,902	\$5,458	\$5,780	\$5,577	\$0	\$0	\$0	\$0	\$0	\$39,495	\$67,705.46

*estimate/average

Projected: 3.0%

2023

Revenue Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date
Farebox	\$1,981	\$2,046	\$1,890	\$2,643	\$2,683	\$2,907	\$2,530	\$2,657	\$2,509	\$2,324	\$2,298	\$1,978	\$28,447
Ticket Sales	\$315	\$0	\$1,575	\$75	\$189	\$609	\$84	\$1,575	\$851	\$1,313	\$0	\$525	\$7,110
Pass Sales	\$668	\$710	\$803	\$1,106	\$1,002	\$1,111	\$777	\$856	\$986	\$976	\$1,513	\$684	\$11,190
BC Bus Passes	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$18,960
Total	\$4,544	\$4,336	\$5,848	\$5,404	\$5,454	\$6,207	\$4,971	\$6,668	\$5,926	\$6,192	\$5,391	\$4,767	\$65,707

*estimate/average

3.6%

2022

Revenue Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date
Farebox	\$1,767	\$1,566	\$2,127	\$1,615	\$2,110	\$2,512	\$2,526	\$2,576	\$2,440	\$2,015	\$2,365	\$2,017	\$25,636
Ticket Sales	\$126	\$63	\$788	\$872	\$1,313	\$2,258	\$1,313	\$0	\$0	\$578	\$53	\$525	\$7,886
Pass Sales	\$480	\$935	\$846	\$1,028	\$1,528	\$918	\$835	\$1,090	\$929	\$949	\$1,090	\$1,216	\$11,841
BC Bus Passes	\$1,580	\$1,580	\$1,580	\$1,375	\$1,373	\$1,347	\$1,348	\$1,580	\$1,580	\$1,580	\$1,580	\$1,580	\$18,083
Total	\$3,953	\$4,144	\$5,340	\$4,888	\$6,323	\$7,034	\$6,022	\$5,246	\$4,949	\$5,122	\$5,087	\$5,337	\$63,446

*estimate/average

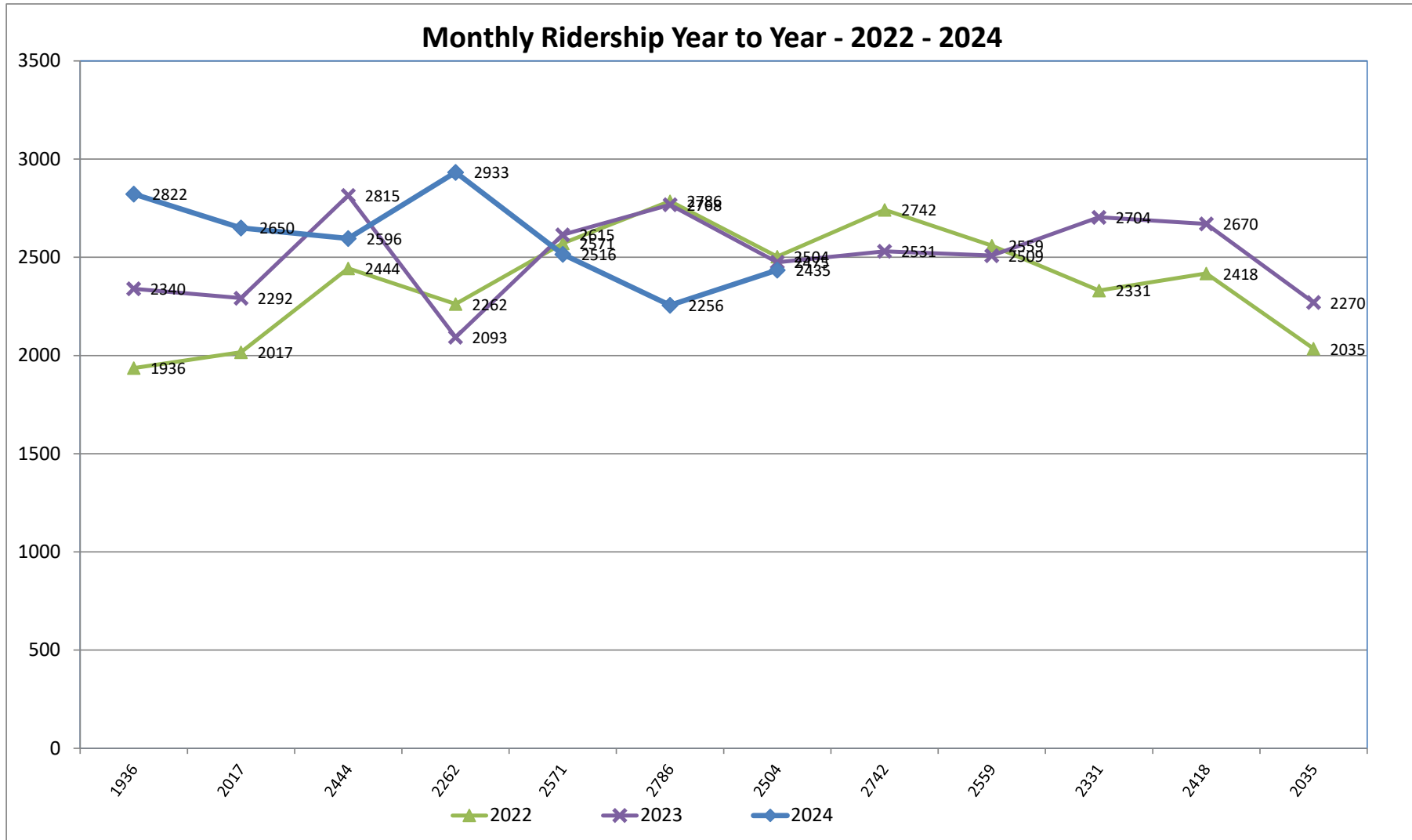
11.6%

Average Passengers per Month:

	2022	2023	2024
July	2504	2475	2435
Annual	28605	30082	31214 <i>Projected</i>
Change	19%	5%	4%

Year/Year Comparison (Ridership)

2023 Jan - Jul	17398
2024 Jan - Jul	18208
increase	4.7%



Mount Waddington Transit Ridership Trends

2024	January	February	March	April	May	June	July	August	September	October	November	December	2024 Total	Projected 2024 Total
Route 1 to Port McNeill	544	515	502	574	488	461	472						3556	6096
Route 1 Saturdays	0	0	0	23	22	21	21						87	149
Route 2 to Port Hardy	548	485	519	564	490	494	474						3574	6127
Route 2 Saturdays	0	0	0	13	23	20	15						71	122
Route 4-Ft Rupert	488	484	468	564	414	247	334						2999	5141
Route 4-Airport Extension	19	34	26	31	6	8	10						134	230
Route 5-Coal Harbour/Quatsino	625	547	539	572	604	607	680						4174	7155
Route 5-Coal Harbour Saturdays	30	63	75	39	47	63	42						359	615
Route 6-Woss/Mount Cain	21	20	21	-	-	-	-						62	106
Route 11-PH Local	363	324	280	359	286	206	225						2043	3502
Route 12-PM Local	178	173	158	194	135	127	162						1127	1932
HandyDART-PH	6	5	8	0	1	2	0						22	38
HandyDART-PM	0	0	0	0	0	0	0						0	0
2024 Monthly Total	2822	2650	2596	2933	2516	2256	2435	0	0	0	0	0	18208	31214

2023	January	February	March	April	May	June	July	August	September	October	November	December	2023 Total
Route 1 to Port McNeill	540	531	572	421	552	554	490	537	484	472	519	446	6118
Route 1 Saturdays	0	0	0	13	16	14	11	8	25	10	17	0	114
Route 2 to Port Hardy	455	509	555	390	551	540	502	506	506	495	460	391	5860
Route 2 Saturdays	0	0	0	15	7	11	7	12	29	18	15	0	114
Route 4-Ft Rupert	387	347	574	367	457	451	346	370	381	488	477	403	5048
Route 4-Airport Extension	44	22	45	22	25	4	6	13	1	4	12	24	222
Route 5-Coal Harbour/Quatsino	473	391	623	459	540	658	647	647	578	616	612	528	6772
Route 5-Coal Harbour Saturdays	21	48	13	34	35	58	65	40	51	21	34	0	420
Route 6-Woss/Mount Cain	22	40	13	-	-	-	-	-	-	-	-	51	126
Route 11-PH Local	260	262	277	241	278	310	238	219	308	368	353	288	3402
Route 12-PM Local	134	140	139	131	154	168	163	178	134	212	158	125	1836
HandyDART-PH	1	2	0	0	0	0	0	1	5	0	5	6	20
HandyDART-PM	3	0	4	0	0	0	0	0	7	0	8	8	30
2023 Monthly Total	2340	2292	2815	2093	2615	2768	2475	2531	2509	2704	2670	2270	30082

2022	January	February	March	April	May	June	July	August	September	October	November	December	2022 Total
Route 1 to Port McNeill	375	384	497	441	487	550	506	577	544	537	579	438	5915
Route 1 Saturdays	0	0	0	10	9	9	8	15	15	14	16	1	97
Route 2 to Port Hardy	500	515	587	578	663	634	467	516	561	548	572	460	6601
Route 2 Saturdays	0	0	0	9	5	15	11	4	9	8	5	0	66
Route 4-Ft Rupert	350	342	439	401	485	526	468	396	343	323	337	286	4696
Route 4-Airport Extension	3	11	11	12	17	20	9	13	1	14	28	29	168
Route 5-Coal Harbour/Quatsino	351	404	539	395	470	565	543	682	546	436	464	429	5824
Route 5-Coal Harbour Saturdays	13	18	27	20	39	27	30	35	37	24	17	0	287
Route 6-Woss/Mount Cain	16	14	18	-	-	-	-	-	-	-	-	41	89
Route 11-PH Local	160	181	192	244	268	281	249	297	278	224	236	212	2822
Route 12-PM Local	168	148	132	150	127	157	204	195	219	196	158	137	1991
HandyDART-PH	0	0	2	0	0	0	1	1	0	0	0	0	4
HandyDART-PM	0	0	0	2	1	2	8	11	6	7	6	2	45
2022 Monthly Total	1936	2017	2444	2262	2571	2786	2504	2742	2559	2331	2418	2035	28605

2024 Volunteer Transportation Network/HandyDart Trip Summary

Month	Total Trips	Total Clients	Lift Van	Community - Trips (T) /Clients (C)														Int w/ Transit	HandyDART				Int w/ VTN
				Port Hardy		Port McNeill		Alert Bay		Malcolm Island		Woss		Fort Rupert		Port Alice			Port Hardy		Port McNeill		
				T	C	T	C	T	C	T	C	T	C	T	C	T	C		AM	PM	AM	PM	
January	13	45	4	0	0	5	12	0	0	0	0	8	33	0	0	0	0	0	0	6	0	0	0
February	8	22	2	0	0	3	7	0	0	0	0	5	15	0	0	0	0	0	0	5	0	0	0
March	16	103	4	0	0	5	18	0	0	0	0	11	85	0	0	0	0	0	1	7	0	0	0
April	11	60	5	0	0	5	22	0	0	0	0	6	38	0	0	0	0	0	0	0	0	0	0
May	16	73	6	0	0	7	29	0	0	0	0	6	39	0	0	3	5	0	0	1	0	0	0
June	14	50	3	0	0	3	7	0	0	0	0	7	35	0	0	4	8	0	0	2	0	0	0
July	14	64	4	0	0	3	15	0	0	0	0	8	46	0	0	3	3	0	0	0	0	0	0
August	0	0																					
September	0	0																					
October	0	0																					
November	0	0																					
December	0	0																					
TOTAL	92	417	28	0	0	31	110	0	0	0	0	51	291	0	0	10	16	0	1	21	0	0	0
Riders/trip		4.5			0.0		3.5484						5.7				1.6	0.0					
Projected	158	715	48	0	0	53	189	0	0	0	0	87	499	0	0	17	27	0	2	36	0	0	0
Change	-30%	49%	14%	0	0	-24%	41%	0	0	-100%	-100%	90%	117%	0	0	-78%	-66%	0	-66%	1700%	-100%	-100%	0

7-MILE LANDFILL MONTHLY TONNAGE SUMMARY FOR July 2024

	MONTH	7	PROJECTIONS NOT SEASONALLY ADJUSTED			
MATERIALS MANAGED IN THE LANDFILL AREA - TONNES	July 1 to July 30 (2024)	2024 UP TO July 30, 2024	PRO-RATED ANNUAL PROJECTION	BUDGET ANNUAL PROJECTION	VARIANCE	% WASTE STREAM
LANDFILL	627.66	3772.41	6467	7000	-7.6%	65%
GENERAL REFUSE FROM BELLA BELLA	39.47	235.89	404	464	-12.8%	4%
GENERAL REFUSE FROM KLEMTU	6.91	46.38	80	136	-41.5%	1%
GENERAL REFUSE FROM WUIKINUXV	4.57	22.92	39			
OTHER MATERIAL LANDFILLED FROM OUTSIDE OF RDMW	0.00	0.00	0	100		0%
FEE EXEMPT PUBLIC CLEANUP (<i>NOT ACCOUNTED IN LANDFILL TONNAGE</i>)	<u>2.60</u>	<u>17.22</u>	<u>29.52</u>	100	-70.5%	0%
VOLUME BASED LOADS CONVERTED TO TONNES	0.00	14.62	25			
TOTAL AMOUNT SENT TO ACTIVE LANDFILL FACE	681.21	4094.82	7019.69	7800.00		
RECYCLABLES AND STEWARDSHIP MATERIALS DIVERTED AT LANDFILL FACE	0.00	0.00	0	50	-100.0%	0%
WOODWASTE DIVERTED AT LANDFILL FACE	0.00	11.99	21	200	-89.7%	0%
METAL DIVERTED AT LANDFILL FACE	0.22	13.53	23	50	-53.6%	0%
OTHER MATERIALS DIVERTED AT LANDFILL	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>200</u>	-100.0%	0%
TOTAL AMOUNT OF MATERIAL DIVERTED AT THE ACTIVE LANDFILL FACE	0.22	25.52	43.75	500.00	-91.3%	
TOTAL AMOUNT ACTUALLY LANDFILLED	680.99	4069.30	6975.94	7300.00	-4.4%	
MATERIALS DIVERTED FROM THE LANDFILL - TONNES						
TOTAL AMOUNT OF MATERIAL DIVERTED AT THE ACTIVE LANDFILL FACE	0.22	25.52	44	500	-91.3%	0%
OUTBOUND METAL	0.00	0.00	0	150	-100.0%	0%
SALVAGED MATERIALS	0.05	1.99	3	5	-31.8%	0%
CREOSOTE LOGS	0.00	4.42	8	5	51.5%	0%
PAPER/WAX CARDBOARD - COMPOSTABLE	0.00	0.00	0	250	-100.0%	0%
WOODWASTE FOR CHIPPING AT \$25/TONNE	128.34	724.20	1241	500	148.3%	12%
COMPOSTABLE MATERIALS	165.13	833.41	1429	1100	29.9%	14%
FINE GARDEN WASTE (NO CHARGE)	0.00	0.00	0	100	-100.0%	0%
RECYCLED MATERIALS	0.00	19.27	33	700	-95.3%	0%
ASPHALT SHINGLES	30.24	99.37	170	75	127.1%	2%
ASBESTOS TO ASBESTOS DISPOSAL AREA	2.39	22.30	38	100	-61.8%	0%
MMBC MATERIAL	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>300</u>	-100.0%	0%
TOTAL DIVERTED	293.74	1730.48	2966.54	3785.00	-21.6%	30%
TOTAL TONNAGE MANAGED AT 7 MILE LANDFILL	974.73	5799.78	9942.48	11085.00	30.3%	
OTHER MATERIALS: ADDITIONAL TO LANDFILL - TONNES						
	July 1 to July 31 (2024)	2023 UP TO July 31, 2024	ANNUAL PROJECTION PRO-RATED FROM ACTUALS	BUDGET PROJECTION	VARIANCE	% WASTE STREAM
SOIL FOR REMEDIATION	0.00	0.00	0	100	-100.0%	
SOIL FOR DIRECT DEPOSIT	<u>0.00</u>	0.83	1	100	-98.6%	
TOTAL IMPORTED FILL	0.00	0.83	1.42	200.00	-99.3%	