



Pelee Coastal Resilience Committee

Meeting #8

Pete Zuzek, Linda Mortsch, Janice Forsyth, Larry Hildebrand
May 13, 2026



Land Acknowledgement

We acknowledge the land on which the County of Essex is located is the traditional territory of the Three Fires Confederacy of First Nations, comprised of the Ojibway, Odawa and Potawatomie Peoples.

We specifically recognize Caldwell First Nation and other First Nations which have provided significant historical and contemporary contributions to this region.

We also value the contributions of all Original Peoples of Turtle Island, who have been living and working on this land from time immemorial.



I – APPROVE AGENDA AND MEETING GOALS





Draft Agenda

Agenda – Committee Meeting Pelee Coastal Resilience Action Plan

Date: May 13, 2026; 10 am to 2:00 p.m.
Location: County of Essex Building, Erie Room
360 Fairview Ave W, Essex ON N8M 1Y6
Meeting Goals: Review progress on adaptation concepts;
Discuss Year 3 budget and approve;
Determine next steps for engagement.



1.	Review/Approve Agenda and Minutes (10 mins)
	• Welcome; Land Acknowledgement. • Introductions – around the table • Review and approve meeting goals and agenda. • Review and approve minutes from March 2026 meeting.
2.	Adaptation Concepts Updates (110 mins)
	• Adaptation B – Municipal infrastructure (Pete). • Adaptation C – Newsletter and Fact Sheets (Janice). • Adaptation D – Beachgrass Nurseries (Pete). • Adaptation E – Nature-based Restoration (Linda). • Adaptation F&G – Habitat Shoals (Pete). • Adaptation H&I – Harbours (Pete). • Group discussion.
3.	LUNCH (45 mins)
4.	Review and Approval of Year 3 Budget (40 mins)
	• Review Year 3 budget, discussion, and approval. • Group discussion of additional funding sources and partnerships beyond 2027.
5.	Public Engagement 2026 (20 mins)
	• Caldwell First Nation – June 23 from 5:30 to 7:30 p.m. • Public Meeting: Open House West (Colchester) June 24 (2-4 pm, 6-8 pm). • Public Meeting: Open House East (Leamington Municipal Building) June 25 (2-4 pm, 6-8 pm). • Format to include formal presentation, Q&A, and 1 hour of free time to engage with posters (1 per adaptation).
6.	Other Business (10 mins)
	• As required.
7.	Next Meeting and Adjourn (5 min)
	• Fall 2026 Committee Meeting (pick date and location) • Meeting adjourned.



Draft Meeting Minutes

Pelee Coastal Resilience Action Plan

Date: March 6, 2026; 10 am to 12:00 noon
 Location: Teams Meeting
 Meeting Goals: Review progress on adaptation [concepts](#);
 Discuss budget and costing for Year 3;
 Determine next steps for adaptation planning.

Attendees:

Present	Organization	Member	Initials
	Caldwell First Nation	Steve Simpson	
x	Caldwell First Nation	Shelley Birch	SB
	Walpole First Nation	TBD	
x	County of Essex	Rebecca Belanger	RB
	Municipality of Leamington	Bill Fuerth	BF
x	Municipality of Leamington	Rob Sharon	RS
	Town of Kingsville	Richard Wyma	
	Town of Kingsville	Tim Del Greco	
	Town of Essex	Kevin Girard	KG
	Town of Essex	Erica Tilley	
x	Town of Essex	David McBeth	DM1
x	Municipality of Chatham-Kent	Edward Soldo	
x	LTVCA	Jason Wintermute	JW
	LTVCA	Mark Peacock	
	ERCA	Tian Martin	
x	ERCA	Tim Byrne	
x	Leamington District Chamber of Commerce	Diane Malenfant	DM2
x	Leamington District Chamber of Commerce	Wendy Parsons	
x	Leamington Shoreline Association	Wayne King	
	PPNP Citizens Advisory Committee	Charbel Saad	
x	South Essex Community Council	Carolyn Warkentin	
	Nature Conservancy of Canada	Kristyn Richardson	
x	Ontario Greenhouse Vegetable Growers	Sarah Nasri	SN
	Ontario Greenhouse Vegetable Growers	Matt Marchand	
	DFO, Integrated Planning	Cindy Mitton-Wilkie	
	DFO, Integrated Planning	Lujanne Hamdan	
	DFO, Integrated Planning	Maegan Rodrigues	



x	DFO, SCH	Adele Butcher	AB
	DFO, SCH	David Tinley	
	DFO, SCH	Annette Winter	
	DFO, SCH	Mike MacDiarmid	
x	CWA	Greg Mayne	GM
x	CWA	Jody McKenna	JM
x	Parks Canada	Julie Charlton	JC
	Parks Canada	Scott Parker	SP
x	Parks Canada	Tammy Dobbie	TD
x	NRCan	Mujtaba Ali	MA
x	University of Waterloo	Linda Mortsch	LM
x	Foresight Management Consulting	Janice Forsyth	JF
	SJL Engineering	Seth Logan	SL
x	Zuzek Inc.	Pete Zuzek	PZ

1.	Review/Approve Agenda and Minutes (10 mins)
	- JF welcomed everyone, provided a land acknowledgement and went over meeting protocols. - Review and approve meeting goals and agenda by JF. Move: RB and Second DM2, none opposed, motion carried. - Review and approve minutes from October meeting by JF. Move DM1 and Second RS, none opposed, motion carried.
2.	Adaptation Concepts Updates (60 mins)
	Adaptation B – Municipal infrastructure. - PZ mentioned leveraging flood and erosion hazard mapping and discussed the work with the CRIS program (Climate Ready Infrastructure Service) and brought in additional \$75k to advance these projects into a capital upgrade cycle and include Wagle Creek to Ford Road in Kingsville, Town of Essex maintenance strategy for drainage outlets to Lake Erie, Bondy #1, #2 and Lipps Beach and flood proofing for sanitary pump stations in the Town of Amherstburg, Lakewood, McCloud and Erie Avenue. Dan Krutsch, Landmark is the lead. RB asked about the timing of the work. PZ mentioned now officially under contract, it will go through March into the next fiscal year, end of summer (4 or 5 months). TD asked if this was a surprise about the funding? PZ mentioned getting contacted after Christmas, taking a long time to negotiate. Adaptation C – Newsletter and Factsheets. - JF shared one of the fact sheets she worked on with JW at LTVCA. JW will review factsheets again and see about wording and discussed two phases, what is the hazard and potential actions for landowners. RB likes the look and layout. Will create a similar version for ERCA. - JF shared the newsletter and plan is to have a spring 2026 newsletter sent out promoting different adaptations. Potential launch around May. TD mentioned having the fish shoals adaptation in the next newsletter. Adaptation D – Beachgrass.

- PZ discussed the seed collection at PPNP, the Sauble collection and summer/fall 2026 further seed collection, seed health, gibberellic acid and trials. He also discussed the foredune restoration at Cedar Beach and the meeting with the Town of Kingsville next week. GM asked if we reached out to anyone in the US about these seeds? JM we held a beachgrass meeting and reps were invited from Indiana Dunes National Park but they declined. Brought people together who are doing restoration to share knowledge. PZ discussed the advantages of promoting genetic diversity by growing from seeds vs cloning.

Adaptation E – Nature based restoration.

- LM discussed the meetings and accomplishments which include web-mapping application to share data, draft ideas for screening and ranking (Decision Support Tool). The steps include, Screen, Score and Rank, Final Selection and Potential Year 3 Activities. PZ discussed the tiles on the mapping for vulnerability of built infrastructure on hazardous lands. Tim Byrne – good maps – other things are impacted not just roads, ice impact from this winter (drain systems, public water supply), suggested municipal infrastructure not just roads. PZ to talk further with Tim, first cut at this map and appreciates his thoughts. RB – cascade affect, perhaps another map.
- PZ discussed map with high ecological value, key biodiversity area. JC – can we show the vulnerability of the park and make a connection, but another adaptation to look at the land. PZ this came up in the Task Team meeting, this adaptation is focused on de-risking of the coastal communities, places where there is dual benefit threat of erosion and flooding and opportunities to do restoration. Since national park is already a natural area (protected), it wasn't included but could be in the future. Tim Byrne liked what is showed around Cedar and Fox, property, significant amount of municipal infrastructure being tested and damaged. East side of the Pelee Peninsula also identified. GM his team continues to work on identifying coastal wetlands where we should do restoration work, more modelling underway, have completed a wetland vulnerability assessment. Cedar, Fox, Dolson should be considered for future funding applications
- LM will there be info coming down we can incorporate? GM said within the next year.
- JM identifying pieces in matrix you can take on and support of bigger group, do things that are mutually beneficial to overall goal. Figuring out next steps.
- LM continued on explaining the screening outcome and draft candidate sites. Draft Ranking Criteria approach which includes ability to de-risk community and restore with nature-based solutions (40 points) and local support and governance (60 points).
- RB looking at ecological and less on coastal risks and infrastructure (15 points).
- Action:** Share Slides and ask for feedback.

Adaptation F&G – Pelee Fish Habitat Shoals.

- PZ mentioned retaining fish biologists at SLR and discussed species at risk and non at-risk species. Looked at how these species will benefit from the shoals. The numerical modelling of the shoals was discussed, and bathymetric data. WK is there worry that there could be a breach at the lower end? PZ mentioned that is an important consideration, where it will be built is an ongoing discussion. Will have to evaluate how the currents interact. AB – have you considered regulatory aspects, like Transport Canada, Nav Waters Protection Act, it could require light or signage? PZ mentioned

this is part of the discussion. Parks Canada brought in additional funding, we are very grateful for that.

Adaptation H&I – Harbours.

- PZ discussed Hillman Marsh, and that the design drawings are in final stages. Working on final permitting and hoping to go to tender soon. Small Craft Harbours agreed to stockpile sand at Hillman North Parking lot, to the extent they can, with future dredging. WK concern about Hillman draining during storm surges and low water levels with the fixed outlet. PZ suggested to take that offline but that habitat refugia in the form of deep pools will be excavated into the marsh to address the concern. AB met with Seth, the amount of sand exceeds what SCH can supply. JC – Who is leading the tendering? – PZ mentioned ERCA, JC to reach out to Tim.
- PZ mentioned the Leamington Harbour spring/summer 2026 dredging program (120k m³) and that has been tendered by MTO. Placement is downdrift of Sturgeon Creek. MTO would consider moving the sediment to the waterline of PPNP if we got the permits and paid for the additional costs. JM what is the timing, PZ said probably around July, in the summer and possible summer of 2027.
- PZ discussed the Kingsville Harbour Western Shoal. RB who is on the Task Team, PZ indicated Kingsville, MTO, Southwest Sales.

3. Year 3 Budget and Future Funding (30 mins)

Review Year 3 budget.

- Year 3 - ~\$550k (with HST), Year 4 - ~\$50k (with HST)
- \$290k was originally for implementing adaptation and will need to re-allocate these funds in discussions with NRC.
- JM asked about breakdown of funds, PZ do not have anything formal yet.

Group discussion of additional funding sources and partnerships beyond 2027.

- CWA GLFEI September 2026 call for proposals –JM 4 years – not a huge amount of resources in the first two years but does expand in years 3 and 4. JM other important piece is matching funds with other partners.
- N-EWN Seminar: Dutch experience with beaches and dunes as coastal Natural and Nature Based Features...
- No indication of additional funding from NRC (at this time). MA – will let projects know in advance if there are other opportunities.
- Conservation Impact Bond concept was briefly discussed along with other potential sources.
- Consulting team is funded for ~18 months at present.

4. Remaining Committee Meetings 2026 (10 mins)

- Committee participation on Task Teams to assist with adaptation work.
- May 14, 2026 for in-person Committee Meeting, will also make virtual option available.
- Next Public Engagement. (June 23-25). Also, a dedicated open house with Caldwell FN is being planned.
- GM asked about DMAF update from Leamington. RS mentioned there was some admin hurdles to get through – slow start, but things are moving now.



Fall 2026 Committee Meeting – to be decided later	
5.	Other Business (9 mins)
n/a.	
6.	Adjourn (1 min)
Meeting adjourned. Motion to adjourn, Move RS and Second JC, none opposed, motion carried.	

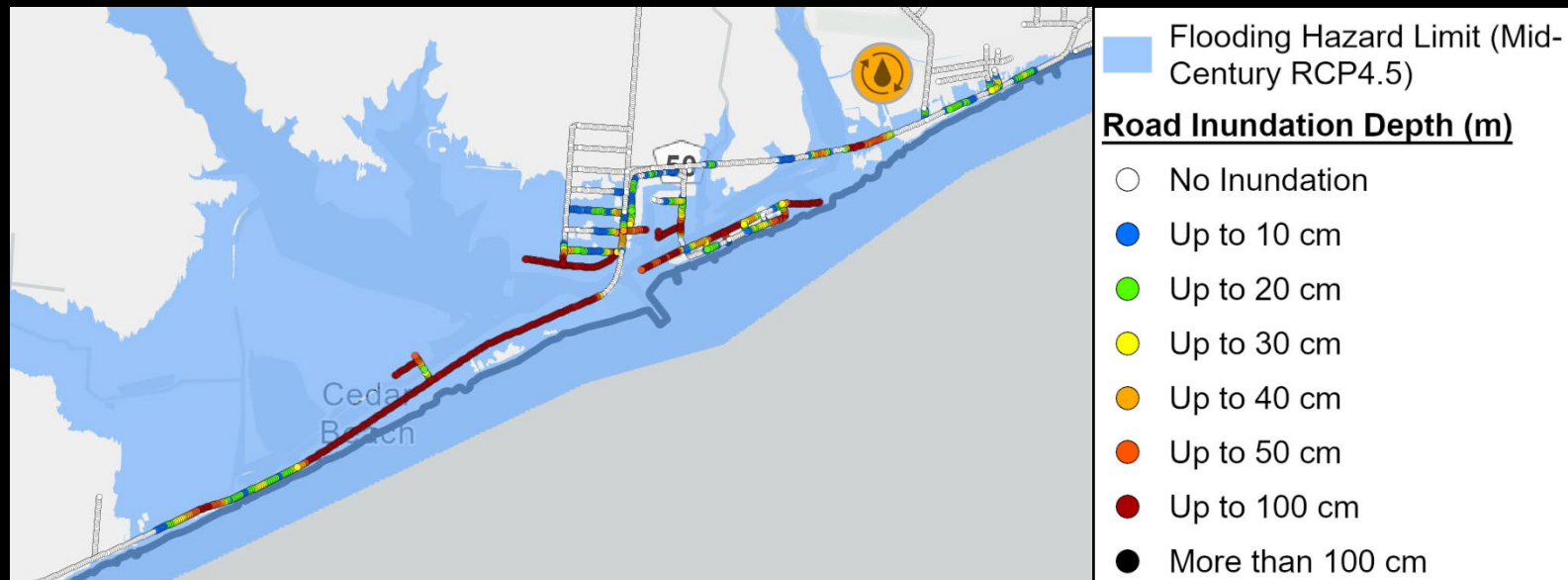
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II – ADAPTATION CONCEPT UPDATES





Adaptation B: Municipal Infrastructure and Natural Capital





Heritage Road / County Road 20 in Cedar Beach

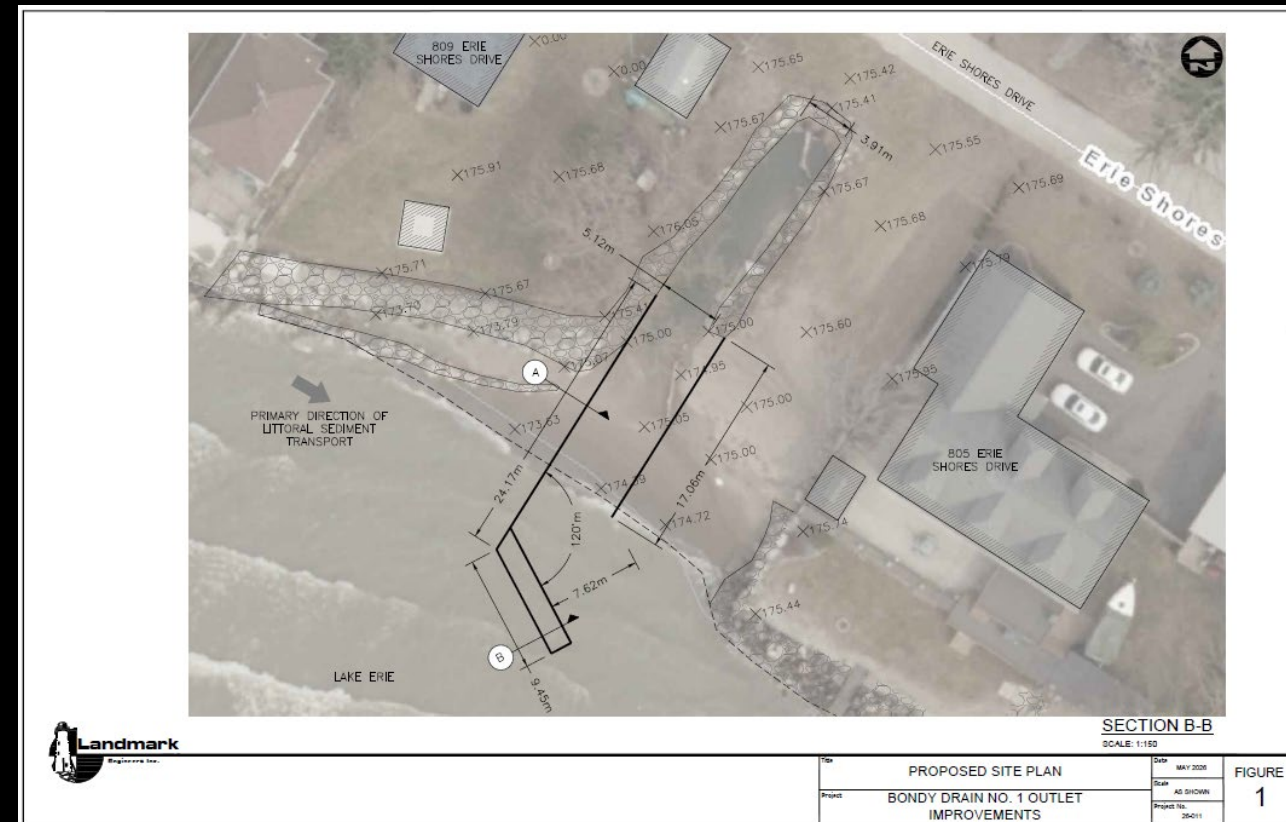
- >1 m of water over road for CC Flood Level
- Conceptual design to raise elevation, with wider footprint to north





Drain Outlets to Lake Erie Town of Essex

- Investigating sedimentation causes and potential remediation solutions
 - Bondy No. 1
 - Bondy No. 2 – Townline Drain
 - Lipps Drain
- Sedimentation reduces conveyance





Floodproofing for Sanitary Pump Stations in the Town of Amherstburg

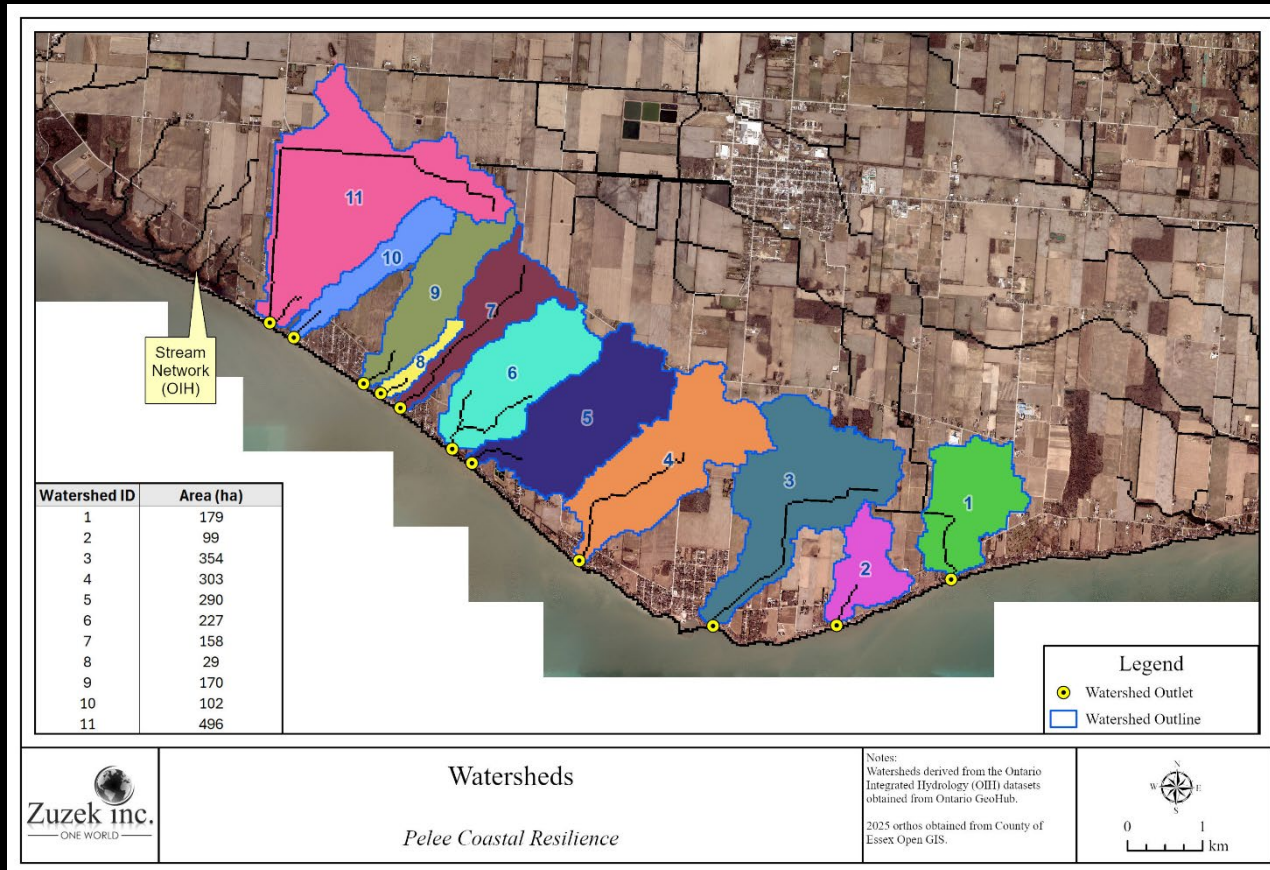
- Lakewood, McCloud, and Erie Ave.
- Pumping systems located in the storm water drains, vulnerable to the 100-year flood
- Proposing a riser for the manhole to protect against flood waters inundating the pumps





Draft Year 3 Workplan

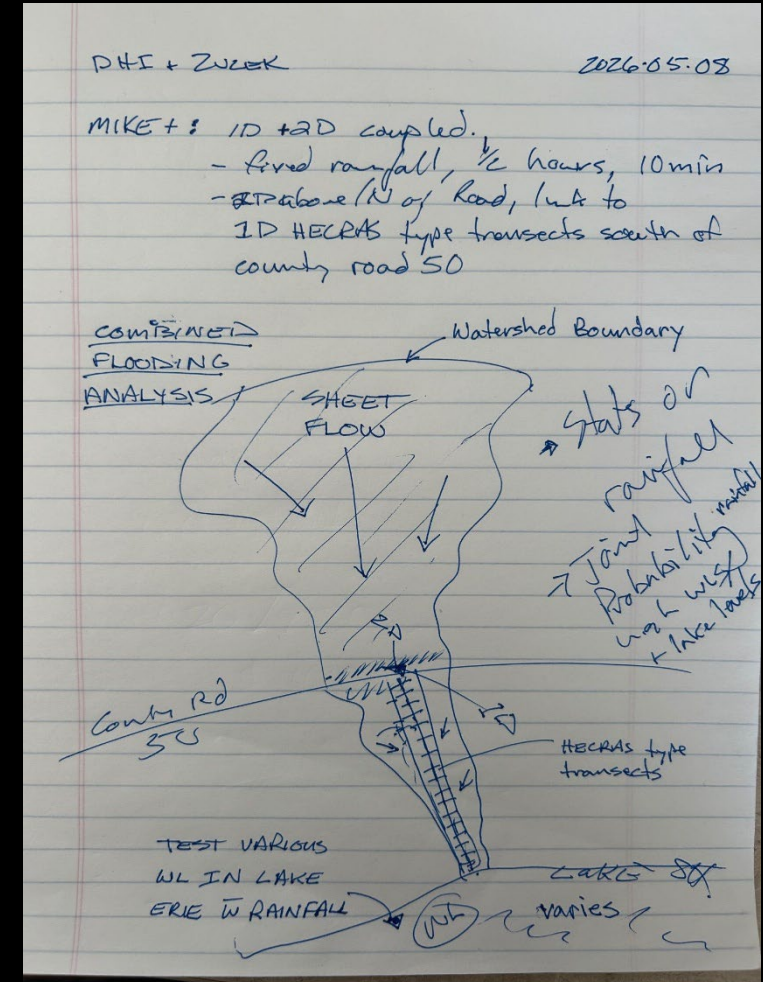
- Watershed flood risks due to rainfall and lake levels





Year 3 Flood Adaptation Planning

- Select watersheds with flood risk due to rainfall and overland flow
- Focus on potential development areas
- MIKE+ model simulates 2D flow (sheet flow across agricultural fields), groundwater, and 1D flow in watercourses and drains
- Coupled model used to define floodplain for 100-year rainfall events, other scenarios, and various lake levels
- Work with Municipalities, County of Essex, and Conservation Authorities to integrate findings into planning and regulatory decisions





Adaptation C Task Team: Newsletter and Fact Sheets



Working on Spring Newsletter and More Fact Sheets

PELEE COASTAL RESILIENCE
NEWSLETTER



Volume 1 – Update on Adaptation Planning

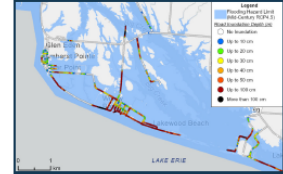
Fall 2025

ADAPTATION B

Screening Assessment of Municipal Infrastructure and Natural Capital

The vulnerability assessment completed for the project to date identified 4,000 buildings valued at over 800 million dollars located in the coastal floodplain when climate change impacts were considered. The value of buildings vulnerable to erosion over the next 100 years is over \$1 Billion.

Adaptation B expands the vulnerability assessment to include flood risk for municipal infrastructure such as roads, drinking water intakes and plants, wastewater treatment plants, buildings for first responders, and natural assets. The initial screening identified 92 km of roads that are vulnerable to flooding from a Lake Erie 100-year climate-change event.



Coastal Floodplain for the Lake Erie 100-year Climate Change Event in Amherstburg



Cedar Beach Flooding on August 24, 2023 Following Record Setting Rainfall During High Lake Levels (Photo credit: Windsor Star)



Road Flooding at Creek Outlet, Town of Essex (Photo credit: Windsor Star)

Meetings are continuing with the local Town, Municipal, and County Engineering Staff to refine the assessment and identify potential projects for an engineering scoping investigation into alternatives to make the infrastructure more resilient to natural hazards and changing climate.



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PELEE COASTAL RESILIENCE
NEWSLETTER



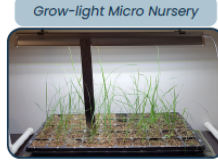
Volume 1 – Update on Adaptation Planning

Fall 2025

ADAPTATION D

Develop In-situ and Greenhouse Nurseries to Grow Native Dune Plants for Restoration

The Caldwell First Nation and Point Pelee National Park are leading Adaptation D with support from the Consulting Team. After several months of planning over the summer, the Task Team met at Point Pelee National Park on October 7, 2025 to collect seeds from native dune plants. Seeds from beachgrass plants were separated and counted at the Visitors Centre inside the National Park. Over the winter, members of the Caldwell First Nation and staff from the National Park will grow the beachgrass seeds in indoor grow-light micro nurseries.



Grow-light Micro Nursery



Dune Grass Seed Collection at Point Pelee



Processing and Separating Dune Grass Seeds by Volunteers

In the spring of 2026, the beachgrass will be planted into dune environments to strengthen resilience to coastal hazards and climate change. The experience gained from growing the native plants from seeds will be used to generate plant material for future restoration projects in the two littoral cells.

"Yesterday was just amazing to be involved and witness people of all ages and cultures come together towards a greater cause. The unity and collaboration was astounding and formed instant bonds. I am grateful to have been part of this unique assembly." Shelley Birch, Junior Water Guardian, Caldwell First Nation



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Coastal Flood Hazards
in Great Lakes
Communities




Flooding is the leading cause of public emergencies in Ontario, and communities across the region are the most vulnerable to its impacts.

Coastal floods are worsened by wave uprush, overtopping, ice spray, and periods of high water levels. These hazards threaten homes, businesses, infrastructure, recreational areas, public safety, and access for first responders.

Lower Thames Conservation monitors areas that are prone to coastal flooding across the region and regulates development in hazardous areas to reduce risks to communities.



Coastal Flooding can occur at any time of the year during extreme weather, high water levels, storm surges, heavy rainfall, and ice or snowmelt events.



Wave Uprush and Overtopping occur when intense wind-driven waves hit the coastline, pushing lake water onto low-lying areas. This hazard is intensified during periods of high water levels, leading to destructive flood events.



Ice Spray occurs during winter storms when intense wind-driven waves cover infrastructure and homes in thick ice. The ice is often mixed with beach sediments, adding weight to the coating.



High Water Levels occur when water levels rise significantly above the normal range, leading to the flooding of low-lying areas.



Adaptation D Task Team: Nurseries





Fall 2026 Beachgrass Seed Collection at PPNP

- Attempt seed collection late summer/early fall at PPNP
- Exploring potential partnerships to scale up production
- Grow plants from seeds for restoration and nurseries





Verbinnen's Nursery

<https://verbinnens.com/>

- 500 Sauble and 500 Long Point seeds
- Float-Sink test, dissect seeds to evaluate embryo and endosperm health
- Published literatures documented increased germination with alternating day-night temperatures
- Eight trials:



	Long Point (n = 200)		Sauble Beach (n = 200)	
	No stratification	30-day cold stratification	No stratification	30-day cold stratification
Alternating chamber (18C/29C)	50 seeds	50 seeds	50 seeds	50 seeds
Stable temp. (~24C)	50 seeds	50 seeds	50 seeds	50 seeds





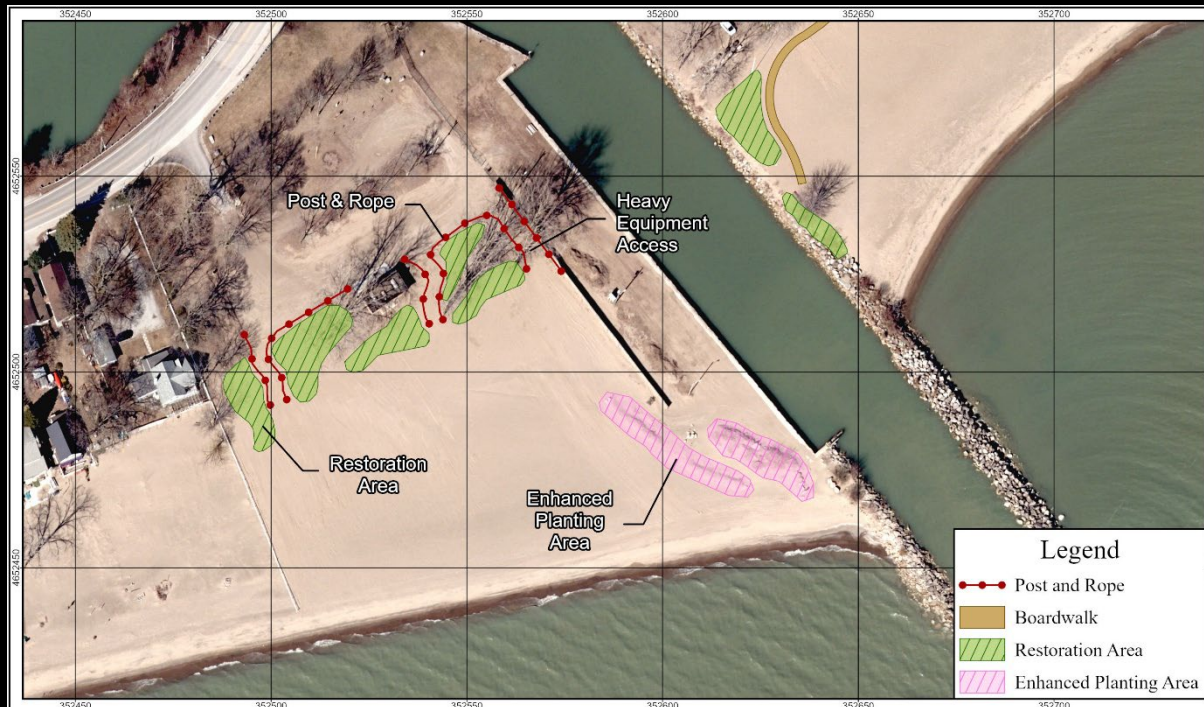
2025 Long Point Seed Collection, Winter Germination, Spring Planting





Future Cedar Beach In-situ Nursery (draft – pending council approval)

- West Side: will design post and rope walkways from the parking lot to beach
- Dune restoration with native plants and serve as in-situ nurseries
- Capital costs funded by Building Beach Resilience (*other Zuzek Inc. project*)

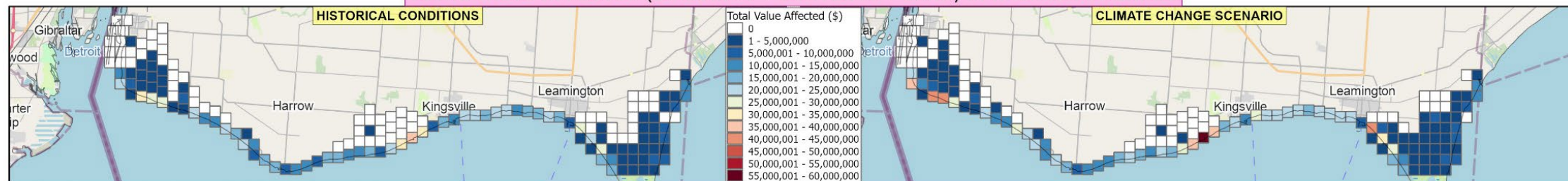




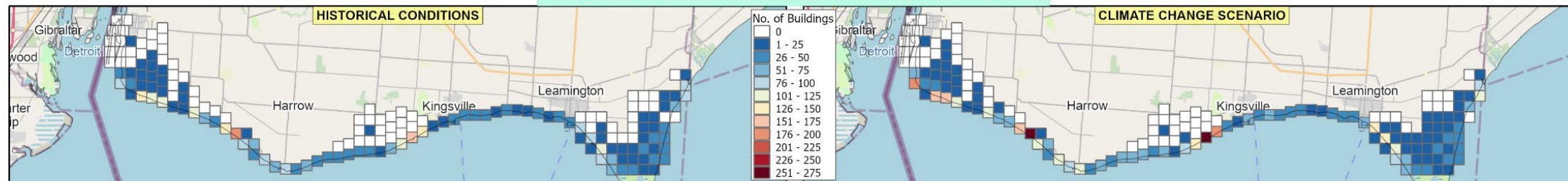
Adaptation E Task Team: Evaluate Needs and Opportunities for NbS Restoration and Connectivity Projects

ADAPTATION OUTCOME: De-risk coastal communities through nature-based actions that enhance restoration and connectivity of coastal areas to increase RESILIENCE (applied to both “human” and “ecological” systems).

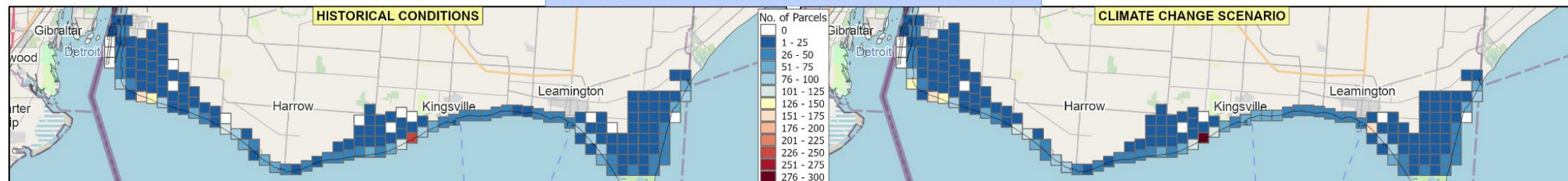
TOTAL VALUE AFFECTED (BUILDINGS + CONTENTS + LAND) IN HAZARDOUS LANDS



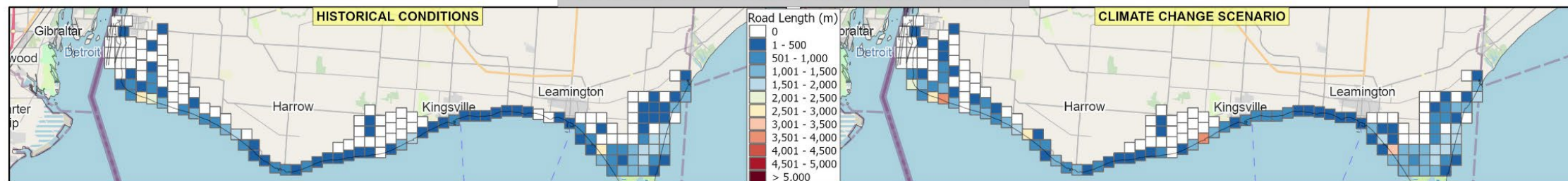
TOTAL NUMBER OF BUILDINGS IN HAZARDOUS LANDS



TOTAL NUMBER OF PARCELS IN HAZARDOUS LANDS



TOTAL LENGTH OF ROADS IN HAZARDOUS LANDS





UPDATED SCREENING FOR ... ECOLOGY

Map Series 2: Document areas with high ecological “priority” .

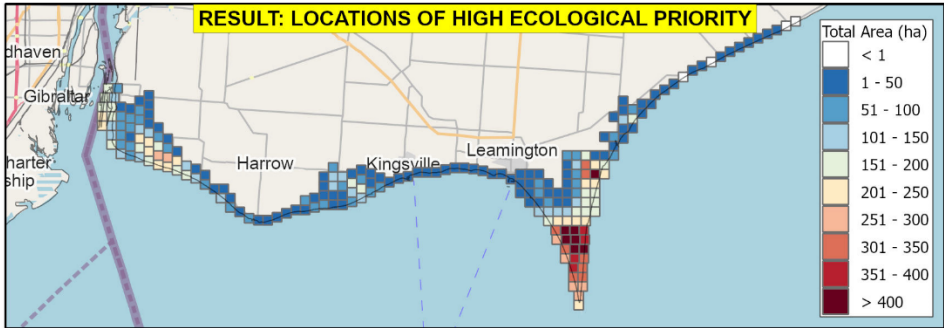
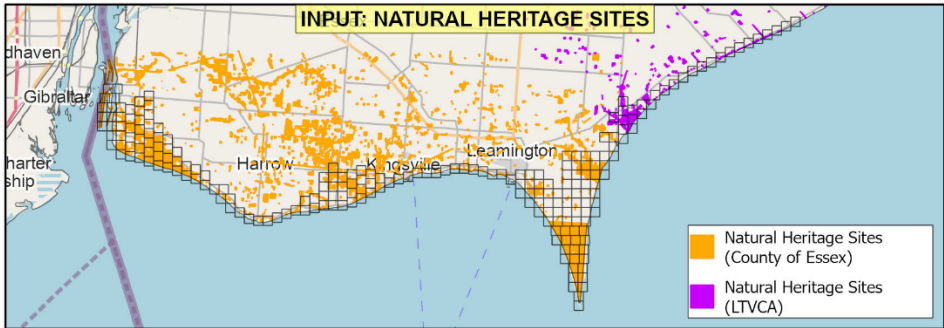
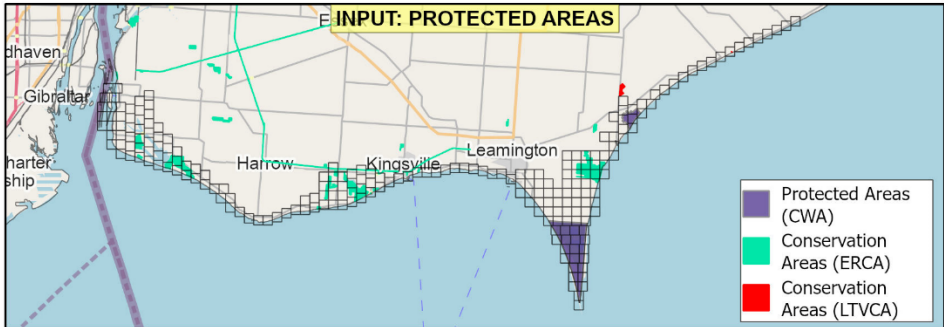
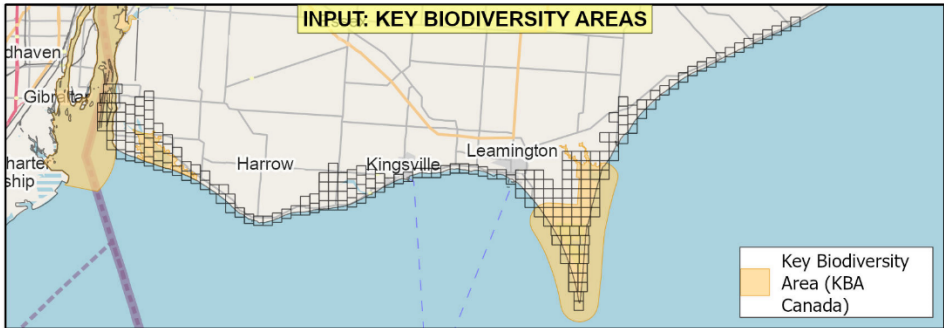
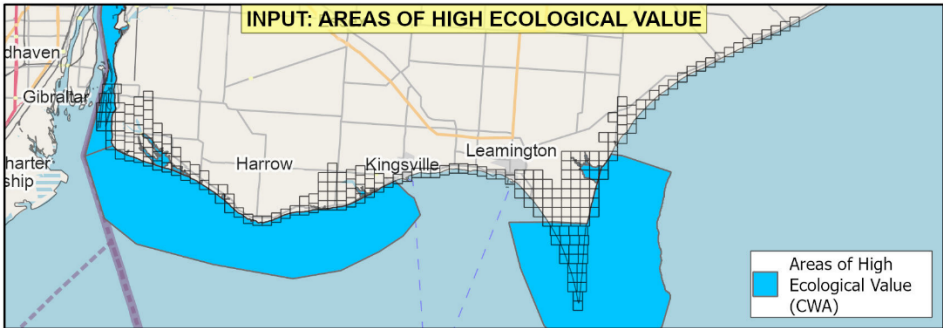
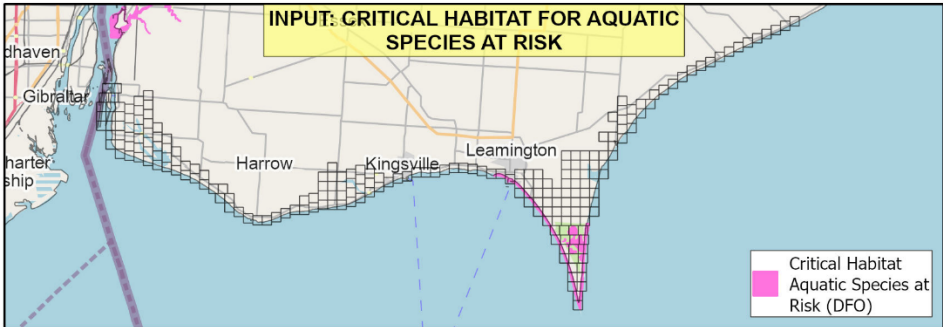
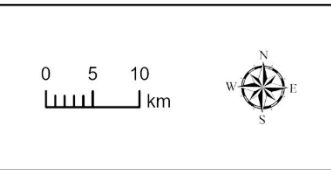
- Where is there high restoration/connectivity need/opportunity?
- Where are areas that are identified by many agencies?
 - Using existing data sets
 - ADDED
 - ECCC proposed wetland restoration sites
 - Protected areas expanded to include lands owned and managed by Conservation Authorities (previously federal and provincial land)
 - Coverage for full extent of East and West Littoral Cells

PELEE COASTAL RESILIENCE ADAPTATION E ANALYSIS

Assessment of Ecological Priority with Existing Datasets

Heat Map Based on Total
Area of Coverage per Tile
for Seven Data Categories

Notes:
The area of 1 index tile is 100 ha.
Background: OpenStreetMap (Esri Base Map)



PELEE COASTAL RESILIENCE ADAPTATION E ANALYSIS

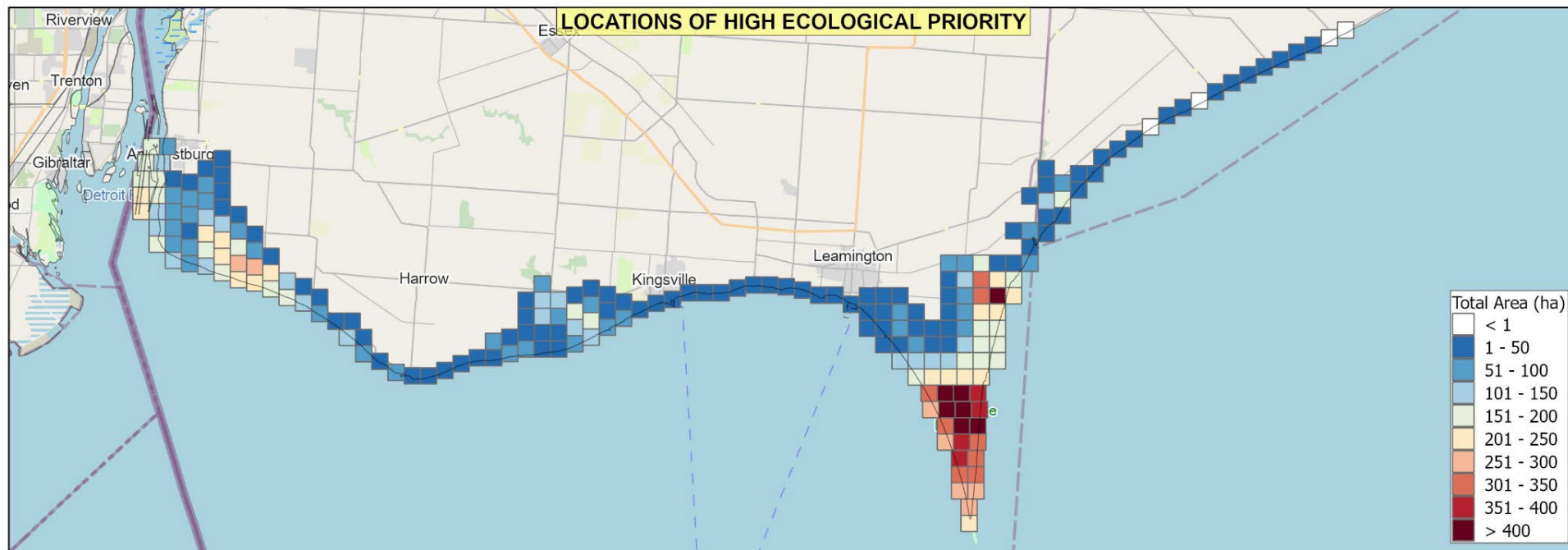
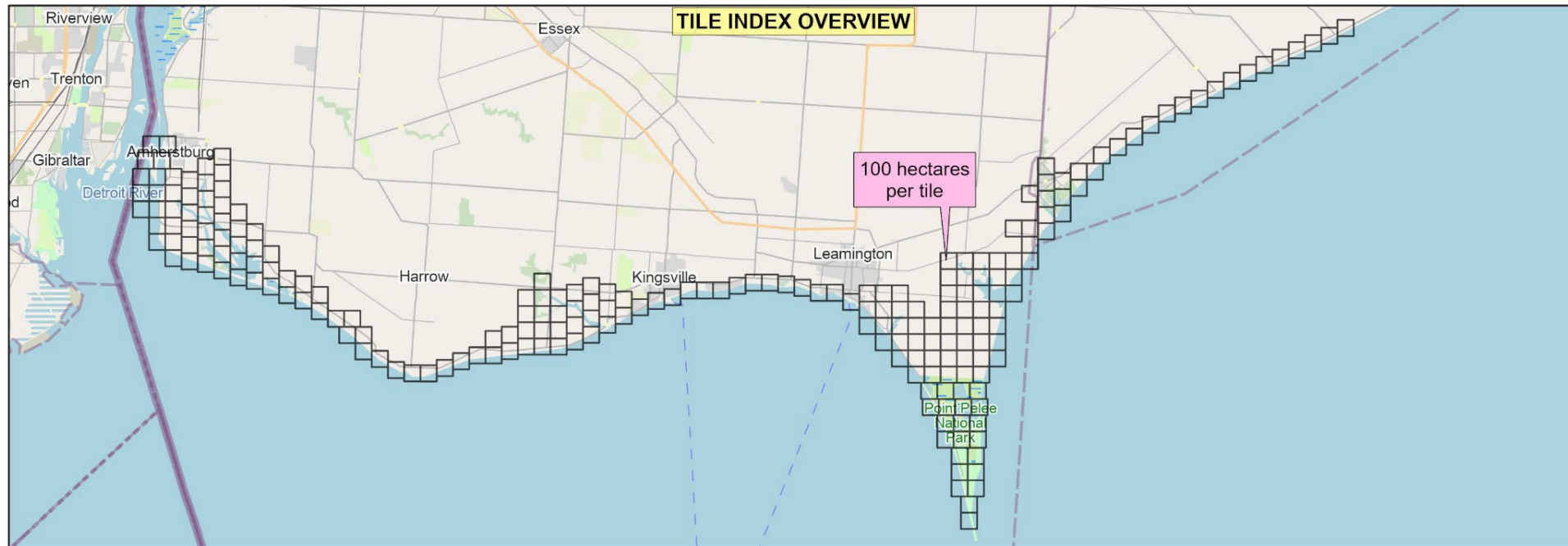
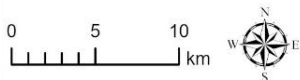
Assessment of Ecological Priority with Existing Datasets

Heat Map Based on Total Area of Coverage per Tile for Seven Data Categories

Notes:

The area of 1 index tile is 100 ha.

Background: OpenStreetMap (Esri Base Map)





REVISED DRAFT - SCREENING OUTCOME

REVISED DRAFT Candidate sites:

- Wheatley Provincial Park
- Corridor between Point Pelee National Park and Hillman Marsh
- Cedar Beach area (shows vulnerability to hazardous land but lower ecological priority than other sites)
- Big Creek Area
- Lower Detroit River

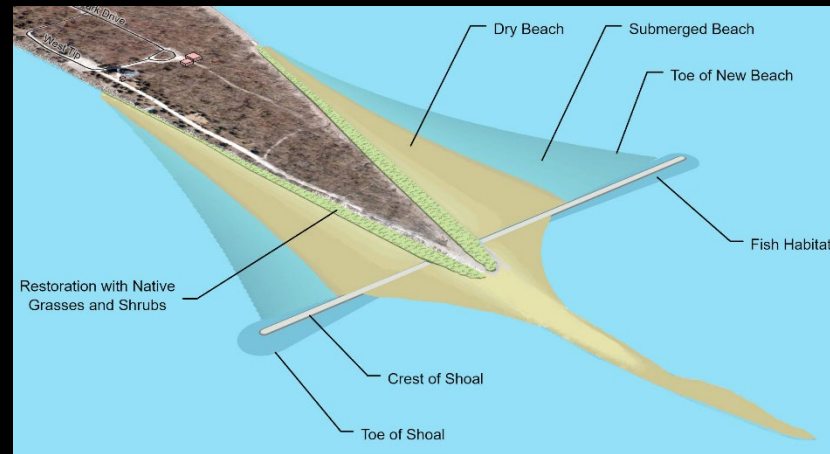


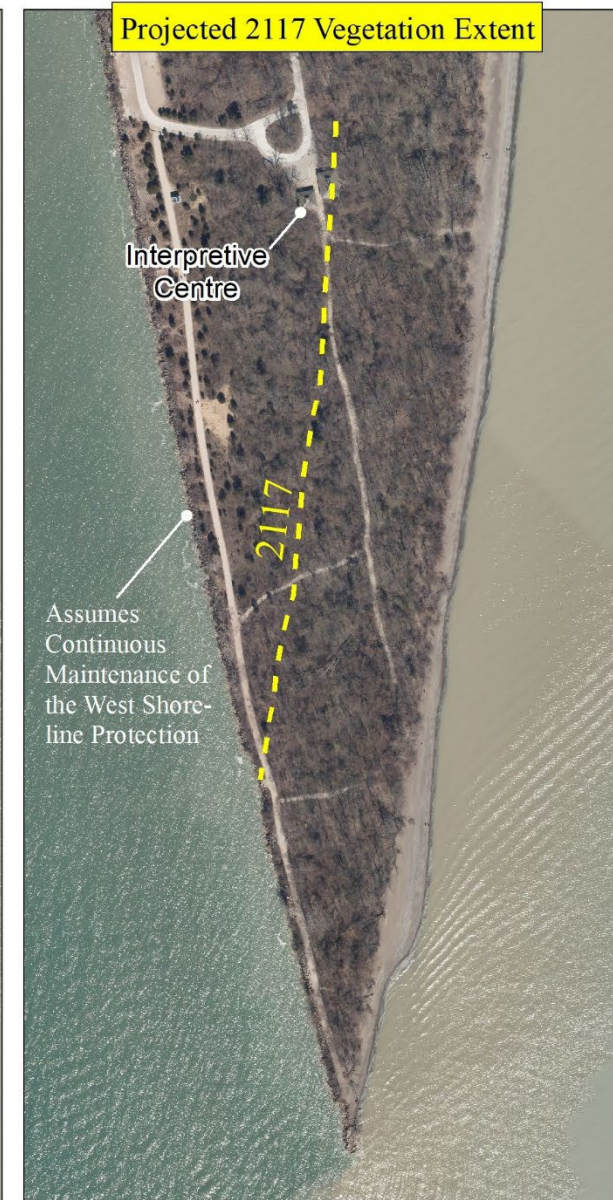
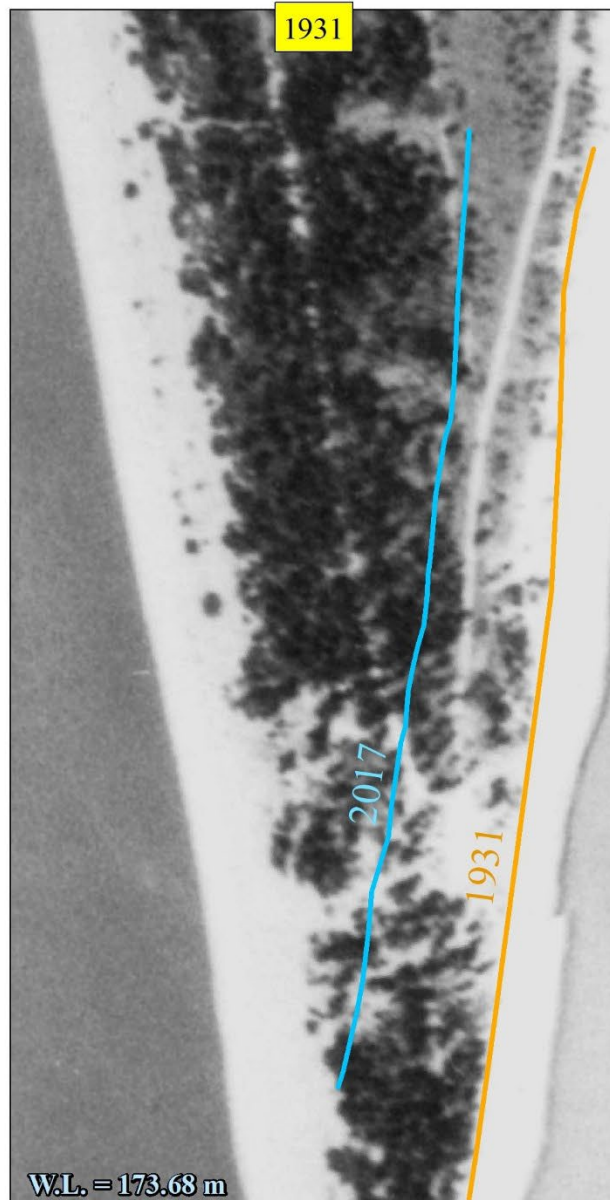
YEAR 3 PLAN

- Draft decision support process
- Draft screening process and outcome
- Draft ranking process
- Scope of activities in Year 3



Adaptation F&G Task Team: Pelee Fish Habitat Shoals

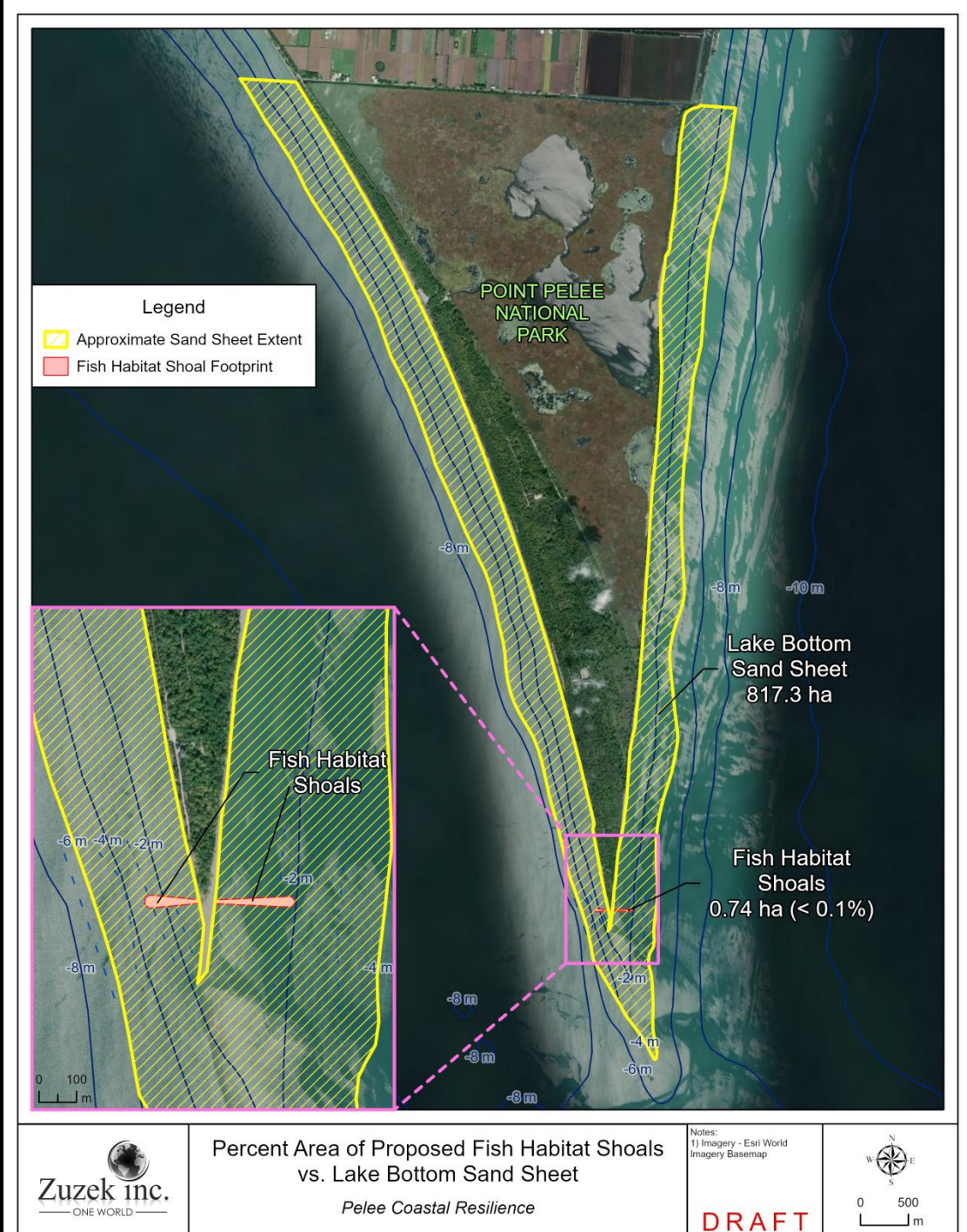
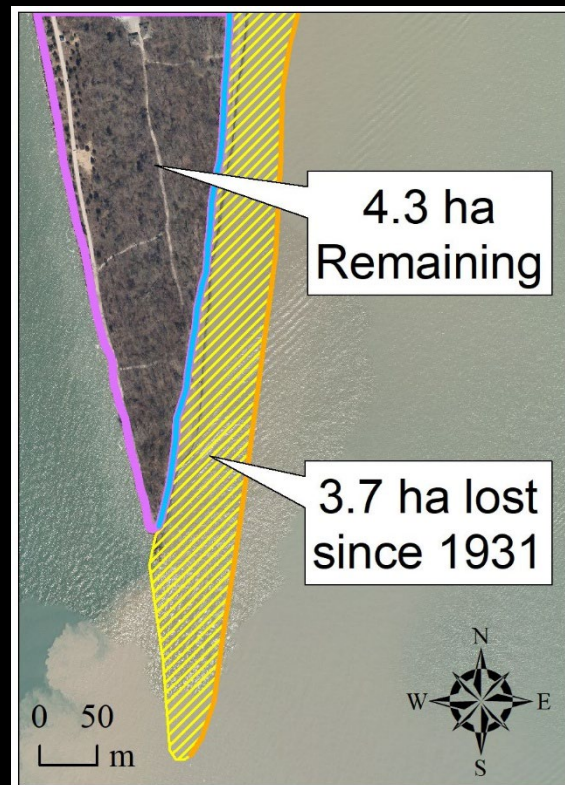






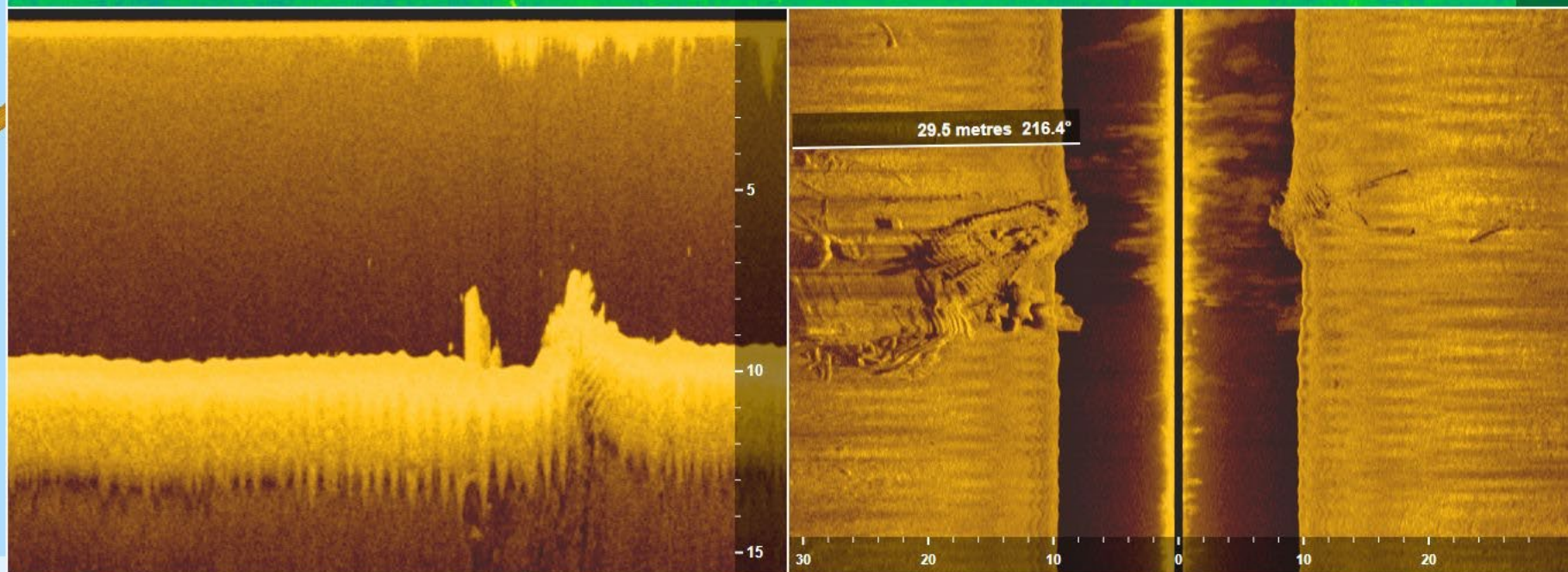
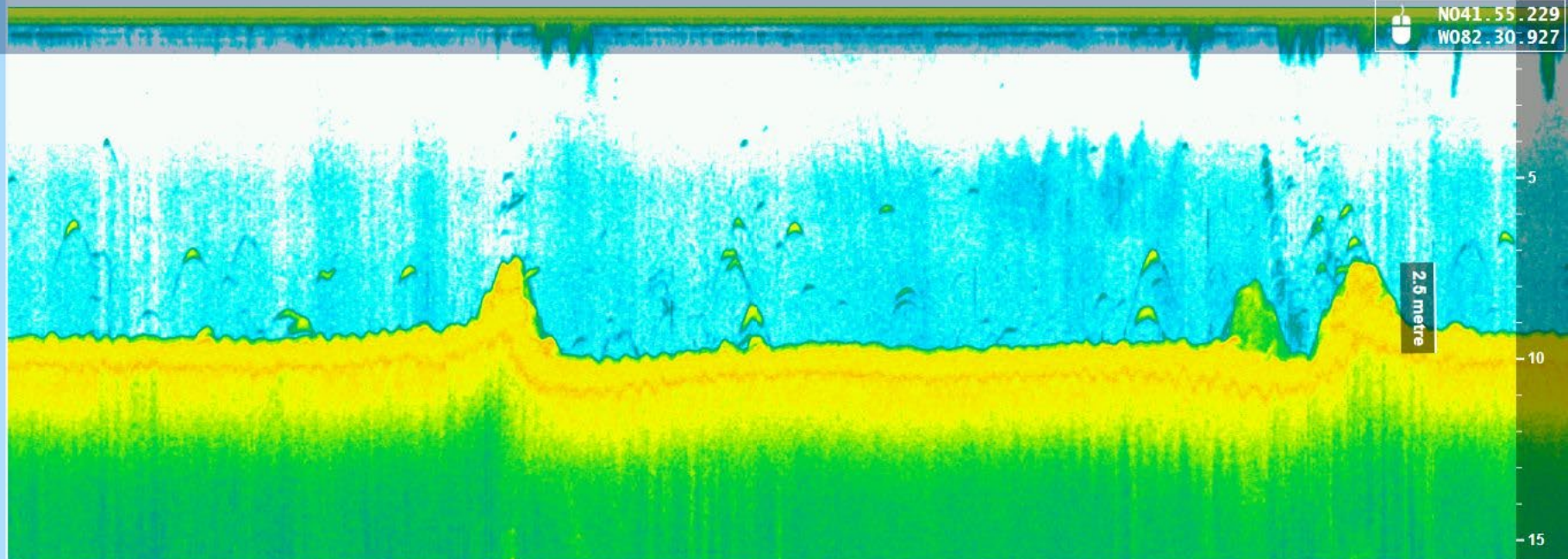
Habitat Loss and Draft Footprint of Shoals

- Habitat loss since 1931
- Draft footprint of shoals



 N041.53.902 HDG: ---.--- Speed: 3.9 kts
W082.30.620 COG: 352.94° Depth: 9.36m

 N041.55.229
W082.30.927



All maps © OpenCycleMap, map data © OpenStreetMap

Numerical Modelling Objectives and Scope of Work

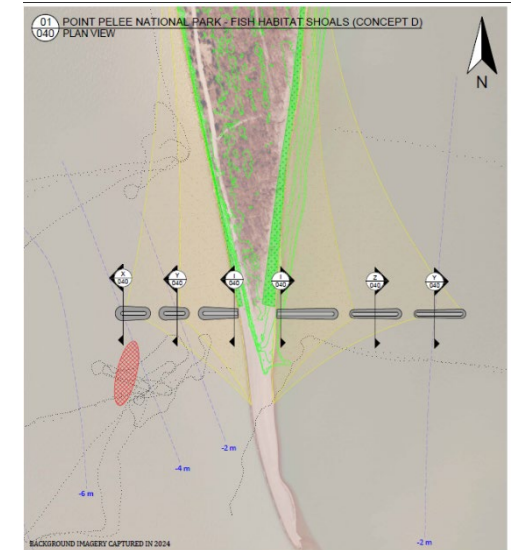
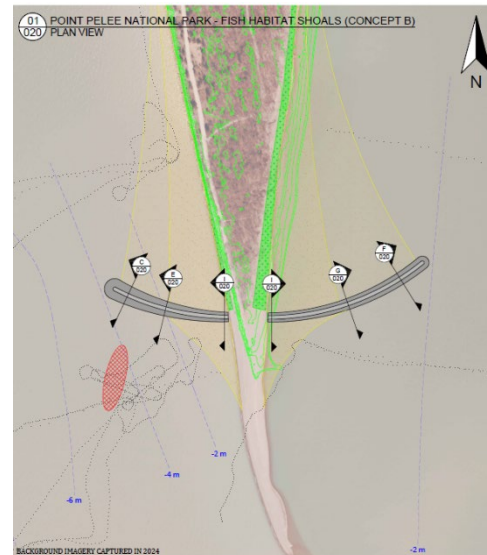
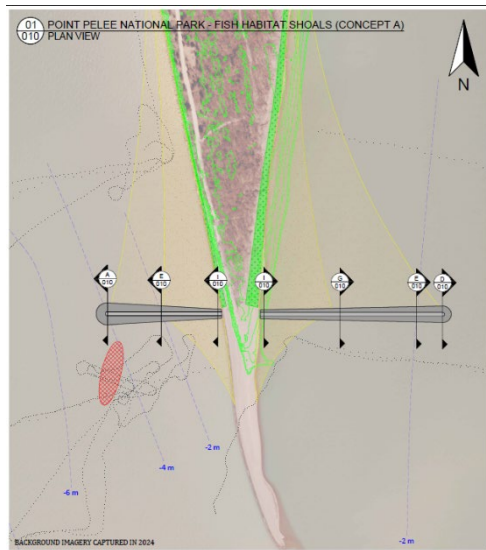
To depict the hydrodynamics (wave-currents-water level) and sediment transport potential patterns considering current conditions and rock shoal designs to inform discussions for the design options.

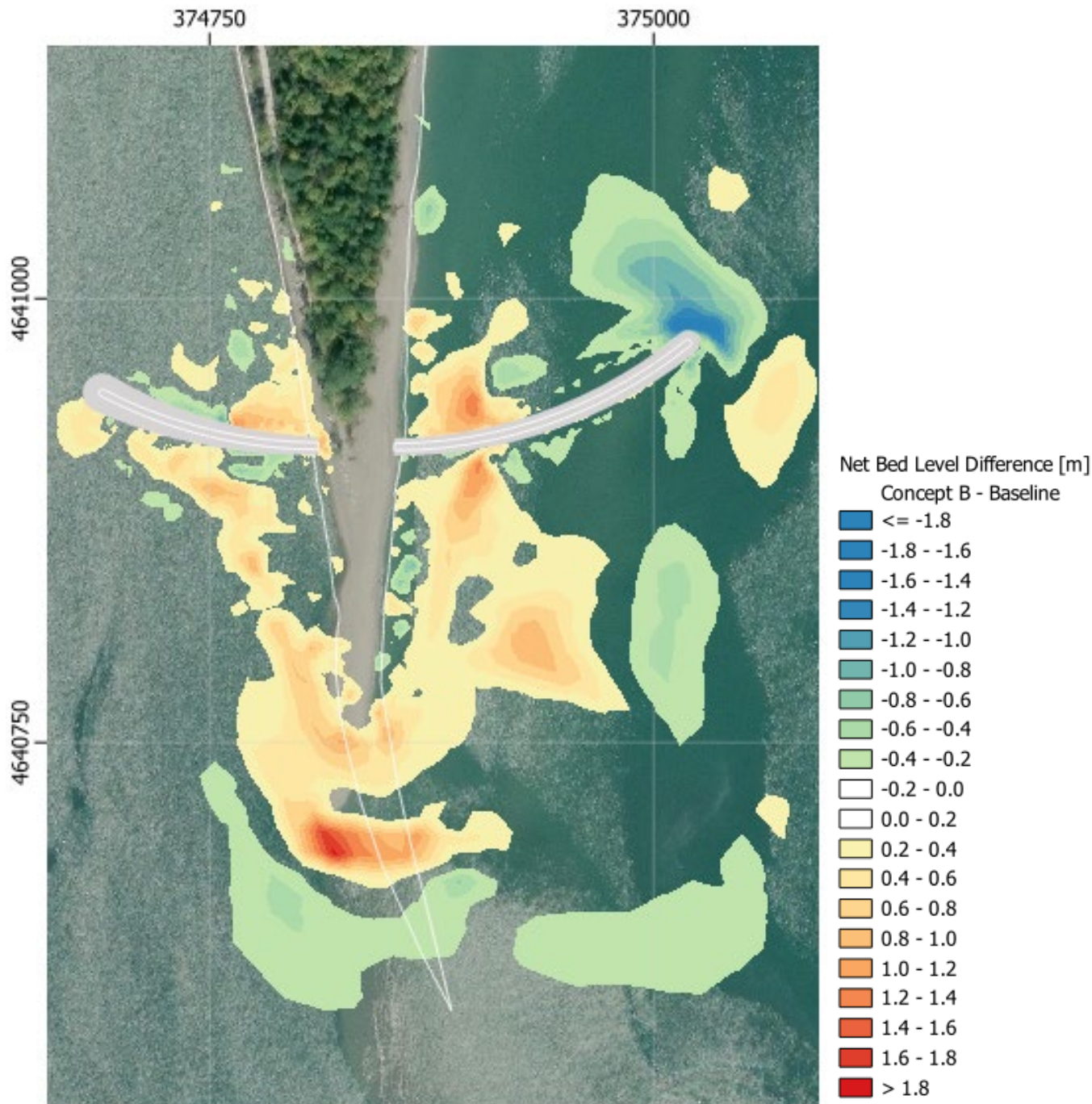
Digital Elevation Model
Development

Select Representative
Modelling Year

Develop a high-
resolution, coupled
model

Simulate Sediment
Transport Potential



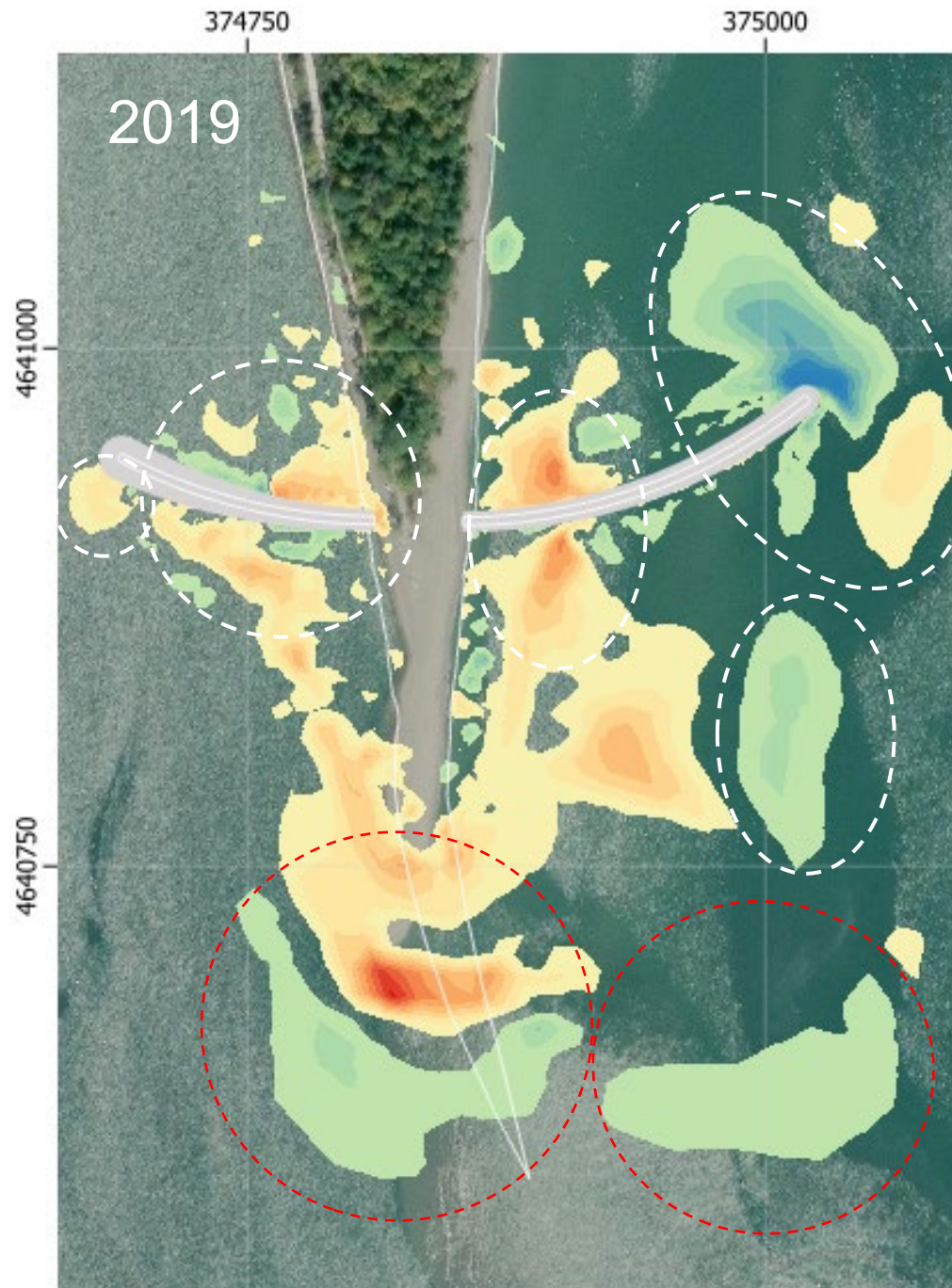


2019 Morphological Simulation for Baseline Conditions and Fish Habitat Shoals

Net Bed Level Change Difference between Concept B Shoals and Baseline simulations (no shoals)

Blue colors represent areas where the rock shoal results in more erosion than Baseline

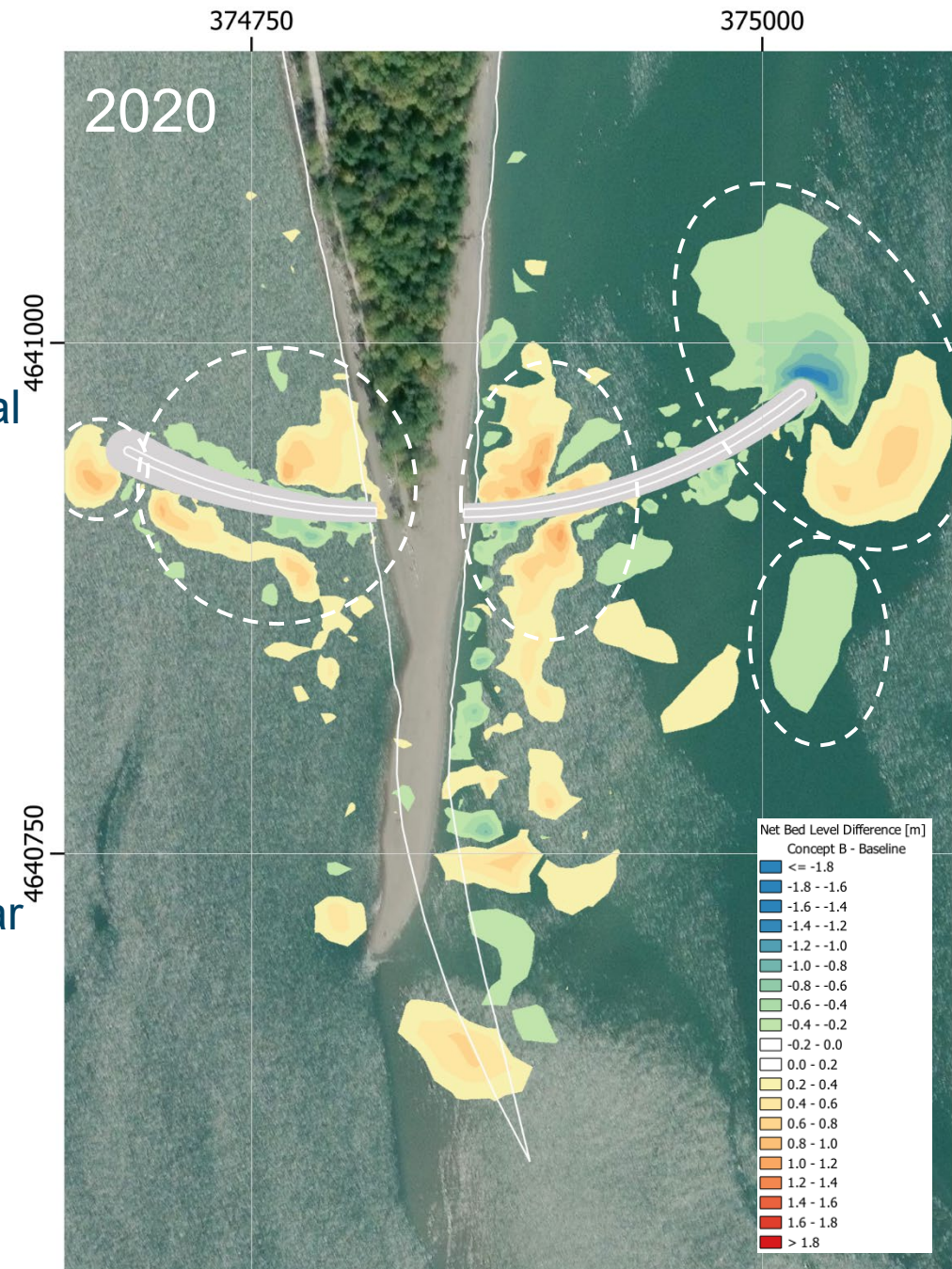
Orange colors represent areas where the rock shoal results in more deposition than Baseline



Year Sensitivity Analysis - Additional run for 2020

Consistent rock shoal effects on erosion/deposition regardless of the simulated year **circled in white**

Effect observed on the tip of the sand bar during 2019 is not observed for 2020 **circled in red**





Next Steps for Year 3

- Meeting with CWA and DFO Integrated Planning/Coastal Unit/Regulations staff:
 - Discussed options to integrate woody debris, modify sand substrate with cobbles
 - If crest of structure is below 80th percentile lake level, no harmful alteration of fish habitat. Will diversify nearshore habitat
- Engaging with Transport Canada
 - Navigable Waters Protection Act
- Engaging with Ministry of Natural Resources:
 - Public Lands Act
- Continue with numerical modelling, engineering design, and permitting
 - Design could be complete by end of Year 3, leaving permitting and funding

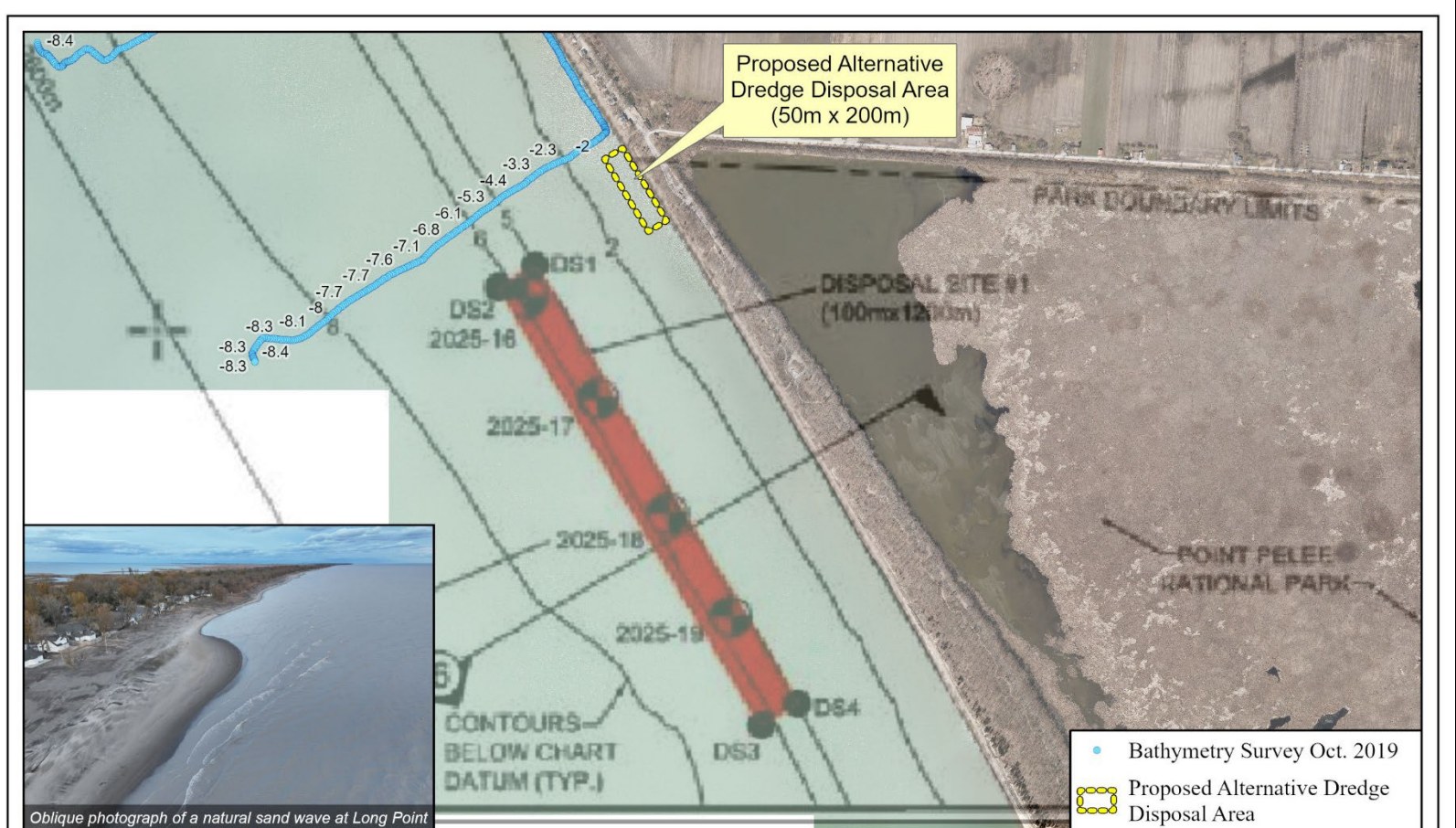
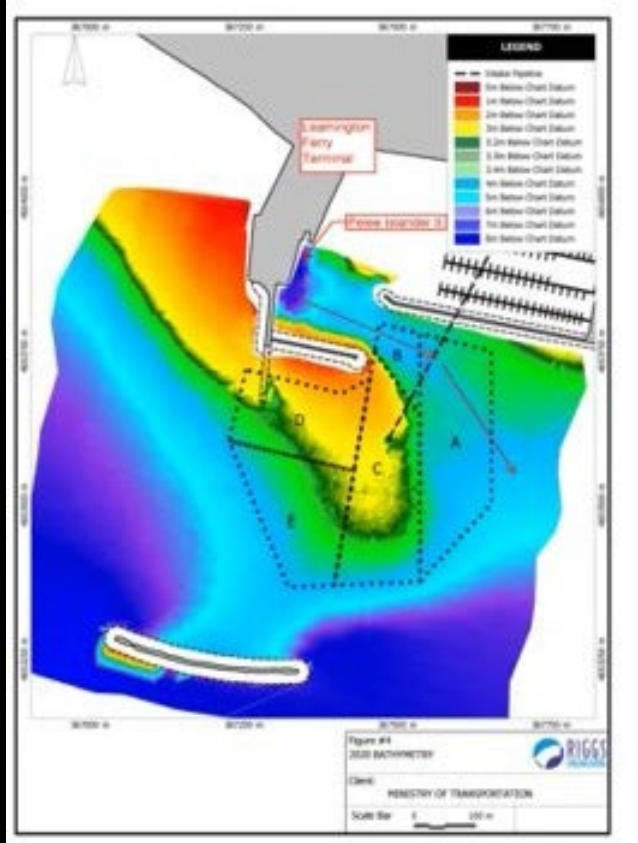


Adaptation H&I: Harbours





Leamington Harbour Spring/Summer 2026 Dredging Program (120k m3)





Existing Beach Conditions on the West Side of PPNP

- Starved of fine sand needed to sustain dunes and natural transition to savana habitat





Kingsville Harbour Western Shoal





Year 3 Harbour Bypassing Studies at Kingsville

- Town of Kingsville, MTO, and Southwest Sales supportive of work plan
- Evaluate bypassing rate for existing Kingsville structures
- Evaluate conceptual alternatives to enhance future bypassing rate and minimize sedimentation in the navigation channel:
 - Dredging updrift fillet beach and placing sediment downdrift
 - Structural modifications of harbour entrance
- Continued review of dredged material placement and alternative dredging approaches/equipment

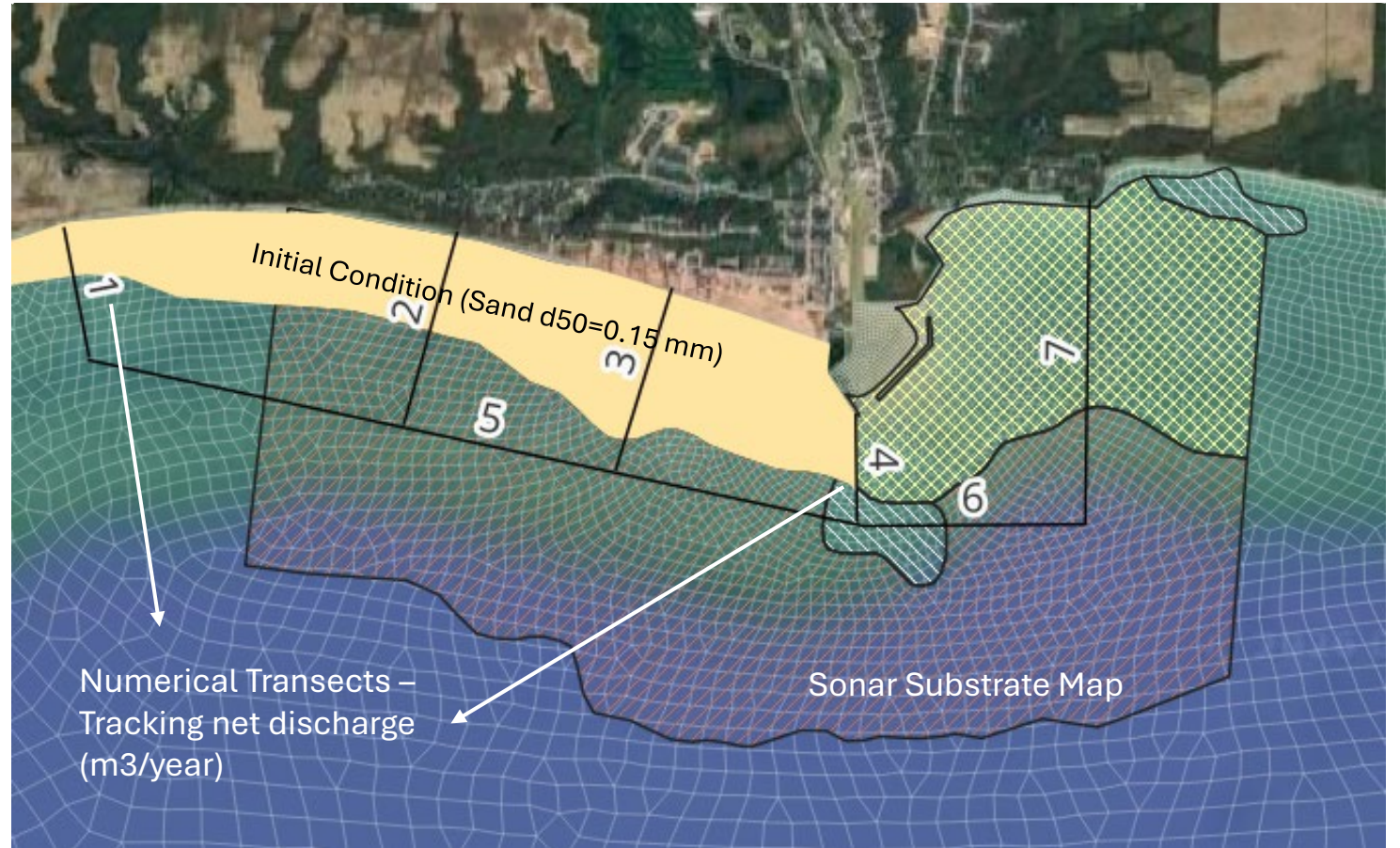
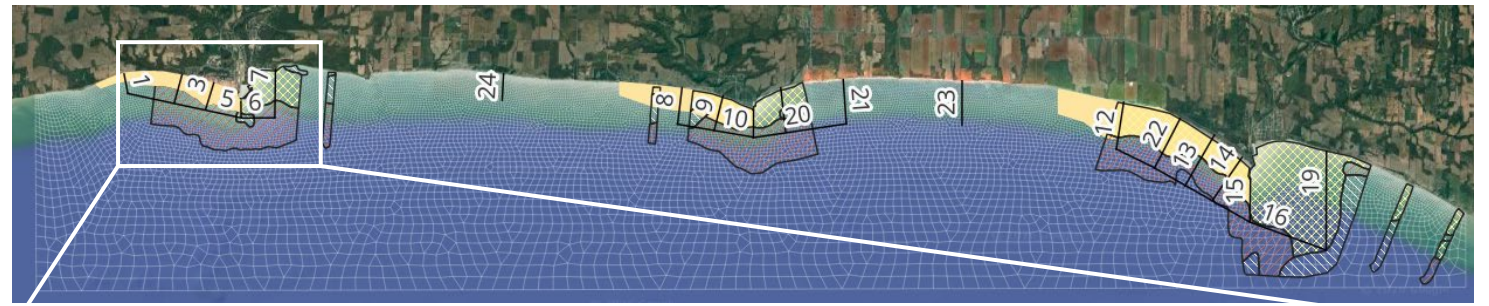
Sediment Transport Model

Sediment Bypassing Analysis

Simulates the transport of sand forced by coupled SW-HD model

Initial condition with sand upstream the harbor jetties

Net sand discharge tracked along various transects to determine bypassing % as well as sand exported to offshore



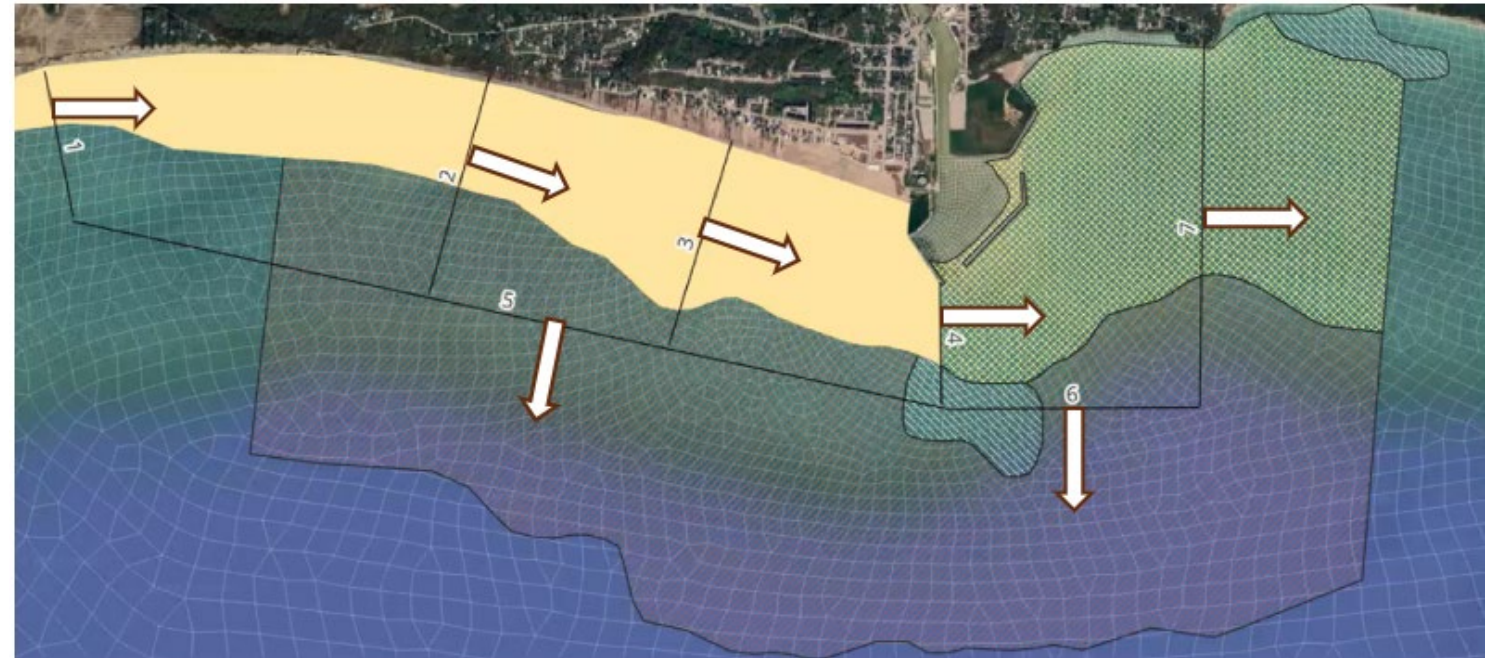
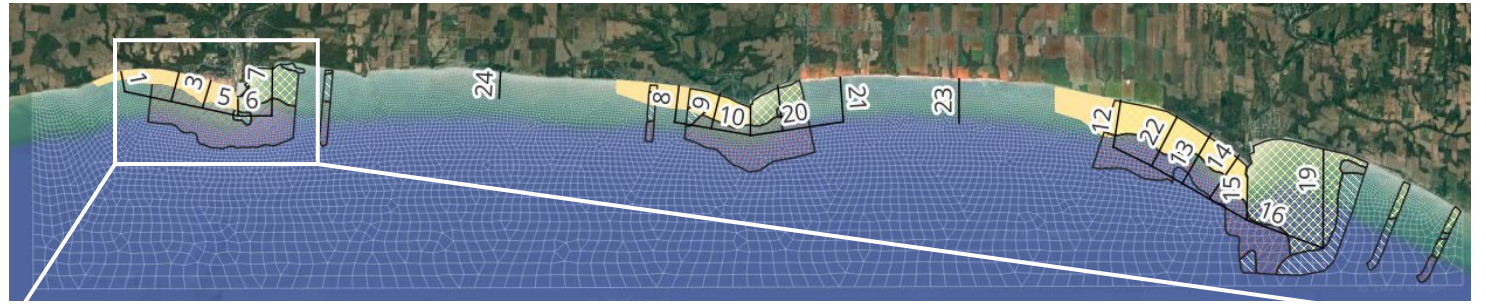
Sediment Transport Model

Sediment Bypassing Analysis

Simulations on final stages of calibration and quality-checking.

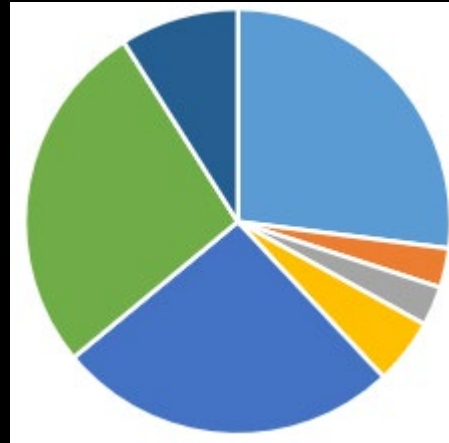
Preliminary findings indicates

- Very high bypassing rates (>90%) for all ports are expected
- Strong interannual variability (after initial tests, a multi-year approach was needed)
- Sand (0.15 mm) export to offshore is not significant



Based on the multi-year sediment transport simulations, the percentage of net sand discharge at each transect will be calculated relative to the upstream transect.

IV – Review and Approval of Year 3 Budget





Year 3 Budget Allocation

- Draft for review and approval

TASK LIST AND BUDGET		PERCENTAGE
B - MUNICIPAL INFRASTRUCTURE		27%
1.1	Support CRIS Projects by Landmark	
1.2	Watershed Flood Mapping	
C - CONSERVATION AUTHORITY LED FACT SHEETS AND NEWSLETTER		3%
2.1	Newsletters and Fact Sheets	
D - NURSERIES		3%
3.1	Collect PPNP Beachgrass Seeds and Scale Up Production for Winter 2026/27	
E - NATURE-BASED RESTORATION AND CONNECTIVITY		5%
3.1	Task Team Meetings	
3.2	Brief Reporting on Assessment	
3.3	Planning of Restoration Opportunities to De-risk Communities and Enhance Ecosystem/Connectivity	
F+G - PELEE FISH HABITAT SHOALS		26%
5.1	Bathymetric Survey of Tip/Shoal and Sediment Samples	
5.2	Design to Advance Concepts (SJL) and Optimize Ecological Benefits (SLR)	
5.3	Numerical Modelling of Concept to Finalize Design	
5.4	Finalize Design, Regulatory Agency Meetings, Opinion of Cost	
5.5	Reporting on Ecological Benefits of Shoals	
H+I - BYPASS SEDIMENT AT HARBOURS AND OPTIMIZE PLACEMENT		27%
6.1	Fate Modelling for Planned Placement of Leamington Dredged Sediment	
6.2	Kingsville Harbour Sediment Bypassing Strategy	
6.3	Harbour Bypass Regulatory and Technology Review	
6.4	CWA Dredging Scope (new funding)	
PROJECT MANAGEMENT AND COMMITTEE MEETINGS		9%
6.1	Project Management	
6.2	Committee and Public Meetings	
6.3	Reporting on Final Coastal Resilience Action Plan	



Future of Committee and Funding Sources

- Future of the Committee:
 - Consulting Team is funded for ~18 months at present
 - Implementation of the Coastal Resilience Action Plan
- Future Funding:
 - CWA GLFEI September 2026 call for proposals (looking for action-oriented projects)
 - Phase 2 funding from NRCan uncertain
 - Other sources



V – PUBLIC ENGAGEMENT

- Caldwell First Nation – June 23 from 5:30 to 7:30 p.m.
- Public Meeting: Open House West (Colchester) June 24 (2-4 pm, 6-8 pm).
- Public Meeting: Open House East (Leamington Municipal Building, tentative) June 25 (2-4 pm, 6-8 pm).

Format to include formal presentation, Q&A, and 1 hour of free time to engage with posters (1 per adaptation).



VI – OTHER BUSINESS



VII – NEXT MEETING AND ADJOURN