



Minutes

Quarterly Meeting #2: Pelee Coastal Resilience Committee

Date: September 12, 2024

Location: Municipality of Leamington Council Chambers

Attendees:

Present	Organization	Member	Initials
x	Caldwell First Nation	Susan Sullivan	SS
	Walpole First Nation	TBD	
x	County of Essex	Rebecca Belanger	RB
x	County of Essex	Corinne Chiasson	CC
	Municipality of Leamington	Bill Fuerth	BF
x	Municipality of Leamington	Rob Sharon	RS
	Town of Kingsville	Richard Wyma	RW
	Town of Kingsville	Tim Del Greco	TDG
	Town of Essex	Kevin Girard	KG
x	Town of Essex	Erica Tilley	ET
x	Municipality of Chatham-Kent	Edward Soldo	ES
	Municipality of Chatham-Kent	Brigan Barlow	BB
	LTVCA	Jason Wintermute	JW
x	LTVCA	Mark Peacock	MP
x	ERCA	James Bryant	JB
	ERCA	Tian Martin	TM
x	Leamington District Chamber of Commerce	Diane Malenfant	DM
	Leamington District Chamber of Commerce	Wendy Parsons	WP
x	South Essex Community Council	Carolyn Warkentin	CW
x	Leamington Shoreline Association	Wayne King	WK
	PPNP Citizens Advisory Committee	Charbel Saad	CS
	Nature Conservancy of Canada	Kristyn Richardson	KR
	Nature Conservancy of Canada	Luke King	LK
	Nature Conservancy of Canada	Jill Crosthwaite	JC
	Nature Conservancy of Canada	Brett Norman	BN
	Ontario Greenhouse Vegetable Growers	Rob Petro	RP
	Wheatley Harbour Authority	Bobby Cabral	BC
	DFO, Integrated Planning	Cindy Mitton-Wilkie	CMW
	DFO, Integrated Planning	Emily Champagne	EC
	DFO, SCH	Adele Butcher	AB
	DFO, SCH	Jennifer Thomas	JT
	DFO, SCH	Annette Winter	AW
	DFO, SCH	Mike MacDiarmid	MM
x	Parks Canada	Julie Charlton	JC



x	Parks Canada	Scott Parker	SP
x	Parks Canada	Tammy Dobbie	TD
x	University of Waterloo	Linda Mortsch	LM
x	Foresight Management Consulting	Janice Forsyth	JF
x	Zuzek Inc.	Pete Zuzek	PZ
	Natural Resources Canada	Mujtaba Ali	MA
Present	Observer	Member	Initials
x	Canada Water Agency	Jody McKenna	JM
	Canada Water Agency	Greg Mayne	GM

1.	Review/Approve Agenda and Introductions
<ul style="list-style-type: none"> Welcome; Land Acknowledgement. Review and approve meeting goals and agenda Review and approve minutes from June 13, 2024. Approve: Meeting agenda and goals, and minutes motion from Rob, second Mark. None opposed 	
<i>Action Item(s):</i>	
1. None.	
2.	Business arising from the minutes
<ul style="list-style-type: none"> Matching funds from partners, other funding, and leverage opportunities discussed. Pete: Need partners to provide cash contributions for year 1. Pete: First Nation Adapt Funding is very close. \$180K/3 yrs. Purpose is to design and execute detailed engagement with the Caldwell FN Community. Pete: Waiting to hear about MECP funding for beach grass initiative. Rob: Caldwell FN application of \$15M to DMAF was successful. Thrilled and thankful to Caldwell FN for their effort. Three stage process: 1) select Project Management firm, 2) engage an Engineering firm for design, 3) tender and construction. DMAF Program Timeline is out to 2033. Hoping for a project timeline of 3 years. Susan: Community is very proud of this accomplishment. Shows how a project partnership with the FN is powerful (Green leadership given to FN councillor, Tom Giles). Mark P: Cannot underestimate how important this effort is for the region. Brought the federal government back to the table and will help getting other things done on Lake Erie. Jody, introduced herself as a member of the Canada Water Agency (national management of water quantity and quality), which is now a branch of ECCC. Great Lakes program management/implementation model will be adopted across the country. Great Lake Water Quality Program (GLWQP) not changing. Rob S: Like this focus on water. Focus is a similar to U of Ohio and H2Ohio. Very well funded program, with a huge focus on water quality. 	
PROJECT ANNOUNCEMENT	



- Pete: Explained situation. Can inform internally the group/organizations you represent.
- James: Want to announce at Board, will wait.
- Rebecca: If we put out internally, it will go out more broadly to media.
- Rob: We should wait to be respectful of the funding agency.
- Jody: Hopefully the Program announcement is soon.
- Linda: Should tell NRCan we will wait to October 1 to announce Pelee Resilience Project
- Jody: Communicate with NRCan on your communication plans.
- James: We can re-evaluate through email and wait until Oct. 1 but we should pressure NRCan since we need some lead-time for our announcement of November workshops.
- Tammy: We need to be aware of the scope of the audience. NRCan wants to tell all Canadians about Resilience. Our goal is to communicate to the local area about a Coastal Resilience Action Plan. We want the public to contribute and participate in November workshops.
- Julie: We have waited up to 2 years for our Program announcements.
- Pete: Will inform Mujtaba, we will wait until Oct. 1 for broad announcement. At that point we will announce a Workshop Series on Coastal Resilience for our Pelee Coastal area.

LOGO

- Pete: introduced the logo. Susan approved. Julie seconded. No-one opposed.

VISION

- Linda: presented the vision. No concerns.
- Goals: #1, Task team of Susan, Emily, Julie, Zack discussed a revised #1 and approved rewording.
- Goals #2: recognize broad engagement with community.
- Goals #3 and #4: previous approved.
- Jody: questioning 'linked' in #2. What does this mean. Linda: explained how the Committee's work is locally focused; however, it needs to be linked to broader research, regulatory, and institutional networks. Jody: will there be a roadmap on how to get there. Pete: yes, Step 4 is evaluating outcome. Work plan has task list.
- Mark P: Will we create links? Pete: we want them and will contribute to developing. James: thinks vague is good and ok with link. Scott: what will we do? Pete: Goal 3 outlines this (baseline, adaptations, and implementation).

CLIMATE CHANGE SCENARIOS

- Pete: explained that we have historical scenarios but need future climate (lake levels, rainfall, wave and ice cover). Tammy: would like to be involved. Yes. Rob: how many scenarios are there to pick (RCP4.5, 8.5). Scott: Scenarios good and important step. Linda: agreeing on common scenarios is important for long-term planning. James: CA already has updated hazard mapping and would like to see consistency with their updated hazard maps. The combined impacts of coastal flooding and rainfall is an important scenario consideration.



- Linda: Looking at infrastructure, okay to look at multiple scenarios and understand at what thresholds they fail. Pete: have to be careful with introducing too many scenarios, as it will confuse the assessment.

Action Item(s):

1. Upcoming Pelee Coastal announcement will be coordinated through calls/email for Oct 1, 2024. The focus will be building the excitement for the November workshops.
2. Provide the work plan to Committee.
3. Pete, re-schedule call with Climate Scenarios task team (Tammy, James, Rebecca, Mark, Edward, Linda)

3. Community Engagement

WEBSITE

- Pete: Reviewed the website features. Do you have thoughts on what you want? Currently there is not a lot of content but will be evolving with the project. It will be the resource for meeting information, agendas, minutes, presentations and project resources. We want to list partners on web site; is everyone ok? No objections.
- James: When will it go live? Take out reference to NRCan and include the rest?
- Mark: Would have to make the Resources tab password protected.
- Pete: Could do this.
- Jody: Does the NRCan want to be involved. Pete: Yes, Mujtaba is on the distribution list for Committee meetings.
- Susan: Can we encourage NRCan to announce; delay can create issues/distrust in the community. Pete: Yes, we are in discussions with funding agency.
- Edward: If NRCan is removed from website, could we share now, not wait until Oct. 1? Corrine: If we have Committee Member sign in for the Resources Tab, then we are being clear and transparent.
- Rebecca: Would like to wait to release the website until Oct. 1.
- Susan: Caldwell FN is having election this weekend. Can we inform new members? (Yes)
- Pete: After good discussion, Committee agrees to wait until Oct. 1 to release the website. Currently, remains password protected. Will notify NRCan of this plan. The focus of the launch will be informing people of the November workshops series and inviting them to attend.

COMMUNITY ENGAGEMENT

- Janice: reviews knowledge mobilization (slide 14). We want the Committee to be a voice within your own organizations. Explains diversity, equity, inclusion and importance of project.
- Janice: focus groups could start in later October, then four workshops,
- Janice: format for Workshop #1. Two locations. Two slots per day. Workshop #1 will be more information out to the community, with surveys and opportunities for people to provide feedback. Committee members to have roles to play (e.g., table facilitators, distributed through audience for informal feedback)
- Carolyn: if serious about EDI lens, accessibility and translation, etc. are important. Should include the plugin to translate from English to French and Spanish.



- Rebecca: microphone button on a website can be used to read the content. General support for this.
- James: AODA, Ontario with Disabilities, could be a guide.
- WORKSHOP LOCATIONS: East and West littoral cell locations.
- Tammy: new room in Wheatley (that could be centrally located for CK shoreline towards Port Alma). Rebecca: Lakeside Pavilion in Kingsville, Colchester, Pete/James: Harrow Arena is an option. Colchester Harbour venue may be a bit small. Julie: being on the water provides a nice perspective
- James: Wheatley Resource Center; check if accessible
- NAME TAGS
- Tammy: if you wear your uniforms, help the public give feedback to you personally rather than speaking out in workshop. Name tags with your organization is a good idea (shirt, etc.).
- Rebecca: possibly have special name tags with the logo (produce) for members of Committee to identify to the public for informal feedback and questions.

INVITATIONS FOCUS GROUPS AND WORKSHOPS

- Edward: who should we invite from CK for the workshop. Janice: workshops completely open to the community/public at large. The focus group are targeted.
- Linda: workshops are learning opportunities (two-way).
- Rebecca: could we do targeted mailouts for the workshops? Carolyn: can do it with Canada Post. Rob: have done targeted mailings with their system (e.g., Cedar Creek). Tammy: got the Hillman Marsh post card and seemed to work well. If we implement post cards, we need to have a contact person/method for the public.
- Rob: with focus groups, have to select them very carefully. Thinking about a meeting and inviting like-minded groups (e.g., socially focused, landowners, businesses). Need to determine what we are focusing on.
- Susan: high schools have eco-clubs, so have an eco-club meeting. If we get the First Nation Adapt funding, can target the General Members Meeting (200 to 300 people).
- Jody: with the initial list of groups, did we do an interested and affected table. If you selected groups that have both, they are more likely to be engaged. Are there other citizens groups west of Leamington? Wayne: no.
- GROUPS
- Diane: Leamington Chamber Board, Amherstburg, CK Chamber. Edward: Rather than one organization, maybe better to invite all the accessibility committees and have a meeting at one location. James: focus on themes/areas, not individual groups. Should include Groups not already on the Committee. Rebecca: themes such as economy, recreation, social, physical (Diane: our four component circle group diagram).
- Focus Groups: theme such as recreation and accessibility. Invite appropriate groups. Corinne: Greenhouse owners, winery owners, agri-tourism, farmers.
- Julie: how do we engage harbours? Pete: create a special task team/working group.
- Rob: shoreline communities (they are definitely interested and affected).



- Carolyn: need chance to connect with those that do not typically engage; everyone is affected as coastline is “everywhere” and people need awareness and a voice. Linda: want those people to be engaged.
- Pete: shoreline landowners are typically very good at attending Workshops; Focus groups want to engage with those who typically have not been engaged.
- Jody: be clear about the role the focus group plays. Julie: Essex County Field Naturalists are an important group for ecosystem perspective. Corrine: want advocates that are involved in the coast already.
- Susan: advocating for the youth voice. Within Caldwell FN, young leaders are important voices. Have eight passionate youth that advocate for water. Perhaps the Caldwell First Nation can take a lead with the youth, reaching out to the High Schools; this could be part of the Caldwell First Nation Adapt funding. With youth, have to meet on their terms.
- Rebecca: when finalizing County Official Plan, sent email to Principals for students to join the planning process. Rebecca has contacts with Principals and could help with this group.
- Rebecca: there are also organized senior groups. Will they be engaged more than once? What about year 2?
- Pete: could use some of the Essex funding for engagement. Expand focus group aspect of the project.
- Jody: develop a PowerPoint presentation to train the trainer on communicating about the Pelee Coastal Resilience project.
- Scott: need clarification of lines on the summary workplan graphic. Add more detail. Pete: Slide 20 is the summary work plan; there is a more detailed version.

Action Item(s):

1. Pete: Notify NRCAN of our timeline for launching the website and purpose of communicating with the community.
2. Pete: Pelee Coastal Resilience website (peleecoastal.ca) will go live on Oct 1 (password protection will be removed).
3. Pete: List partner organizations on website.
4. Peter, Linda, Janice: Determine groups to target for Focus Groups

4. Year 1 Work Plan

- Peter: shared one component of the necessary baseline work – vulnerability of land, buildings, and building contents to erosion and flooding. It is based on assessment values for properties (not market value, not current 2024 values) and the recently completed 100-year erosion hazard limit and flood hazard limit. Both hazards were also re-evaluated considering the impacts of a changing climate. There is a lot more to do in developing baseline work for social, environmental, and economic streams for example.
- Peter: have scenarios for flood hazard limits related to lake driving effects – lake levels, storm surge, waves but not rainfall effects on coastal communities.
- Julie: would be useful to have baseline flooding loss information for agricultural lands, tourism.



- Pete: looking for task team members to enumerate baseline assessment needs and data for social, economic, and physical dimensions of the coastal area.
- Rebecca: one more data set that would be useful for the analysis is zoning (e.g., agricultural, residential).
- Pete: erosion line (100-year regulatory line) used to calculate how many buildings are on the wrong side of the line; assumes existing shore protection fails and people will not invest in new shore protection; historical recession rates increase 50% for the climate change scenario.
- Tammy: gaps include Pelee Park; Pete: analysis will be completed for baseline; also need to complete assessment for Chatham-Kent.
- Scott: what about vulnerability and ability to bounce back. Maps for resilience or resistance (where adaptations have been implemented (e.g., good drainage, stilts))
- Tammy: need to know scenarios for habitat mapping.
- Pete: described issues of sedimentation in Wheatley and Kingsville harbours' navigation channels. These "barriers to nearshore drift" could be evaluated in future adaptation planning. The dredged sediment is placed on the lake bottom (e.g., around the 4 to 5 m contour) and along the shoreline. At Wheatley, the majority of the sediment is dredged with land-based equipment and placed downdrift on the beach (e.g., trucked to the north beach at the Hillman Marsh). Need to discuss optimization of future placement on beaches with harbour managers and approval agencies.
- Jody: would benefit from some idea of context. See slide: 29. What role does nearshore water quality play and sources of nutrients from the land play. Pete: this investigation will be handled by ECCC money to nutrient initiative (led by ERCA), but we can link to their findings.

TASK TEAMS AND MEMBERS

- ED: Would like some guidance on type of person: knowledge holder and technical/GIS person.
- James: clarification needed on what resources and time commitment to do baseline.
- Pete: information needed in October.
- Jody: seems like this is a high level screening assessment and not a detailed assessment of hundreds of reports; based on experts, knowledge, high priority areas.
- Rebecca: will collaborate with ERCA; have datasets including layers used for the ecological baseline and natural systems strategy, which integrate into the County Official Plan.

ECOLOGY

- Rebecca/County, James/ERCA (will identify an ecology person, Tom Dufour for GIS), Tammy/Parks, Greg Mayne/Jody/ECCC, Caldwell FN, DFO, Ed/CK (will identify someone).

BUSINESS/ECONOMY

- Rebecca/Corinne County Essex, Julie Charlton/Parks, Caldwell FN, Ed/CK, Diane/Chamber

SOCIAL BASELINE



<ul style="list-style-type: none"> Carolyn/Community Council, Rebecca/County, Wayne/Leamington Shoreline Association, Susan/Caldwell FN, Ed/CK 	
<p>Action Item(s):</p> <ol style="list-style-type: none"> Pete: hazard mapping and vulnerability assessment will be extended into PPNP and updated for CK. Pete: send out detailed work plan to Committee. Form task teams on ecosystems, social and economic themes to identify assessment content and data sets to support analysis. Task team members to organize meetings, data submitted in October to Pete (to support analyses for November Workshops). Pete will reach out to DFO Small Craft Harbours to discuss bypassing and sedimentation in federal navigation channels. 	
5.	Adaptation Scorecard/Decision Support Tool
<ul style="list-style-type: none"> Janice: need a way to evaluate adaptation concepts. Introduced slides 31/32. Group Work to discuss and brainstorm criteria. Tammy: is the process to decide on all potential ideas for the Action Plan or just the ones that we can afford with this project? Linda: Should be selected for the broad scope of potential adaptations to address issues in the first cut and ultimately selected using scoring to inform James: hard. Are we weighing displacement of residents versus ecological threat. Scott: look at threats (vulnerability), Open Standards using evidence based approach (Miradi), uses results chain. BREAKOUT SESSION AND REPORT OUT – see Appendix A 	
<p>Action Item(s):</p> <ol style="list-style-type: none"> Janice to compile the feedback and the consulting team will advance a decision support tool to screen and ultimately select adaptations for review in December. 	
6.	Other Business / Feedback
<ul style="list-style-type: none"> Pete: are people open to communications in between meetings. Rebecca, yes! Tammy: okay to send emails and look for feedback. Carolyn: use Microsoft Teams approach to get feedback on materials. Date window for Workshop: November 19-21, 2024. Edward: 10 am is a perfect start for quarterly meetings. Jody: spoke to Emily/DFO and the morning agenda was very process based. So hard to justify travel. Might need to find different role/way for them to participate. Rob: plan for workshops and public engagement, start at basic principles. Tell them why we are here? 150 years ago, area was natural, modified the area. Tell the narrative of disrupted natural processes. These are the things influencing nearshore water quality. This is the habitat loss. And thus, this is the problem (status quo is not a solution). In some locations, may have to consider buyouts. Jody: “And, But, Therefore” approach to problem statement. 	
<p>Action Item(s):</p> <ol style="list-style-type: none"> Consider Microsoft Teams meeting in between face-to-face quarterly meetings. 	



7.	Next Meeting and Adjourn (3 pm)
	<ul style="list-style-type: none">• firmed next meeting:• December 12, 2024 – 10 am - 3pm, County of Essex Municipal Offices. Lunch will be provided.• Adjourn, motion from Carolyn, second James. None opposed.

Appendix A

Group 1: Tammy, Rob, James, Wayne

Criteria possibilities:

- Protection of people and property - values
- Opportunity to link to other potential solutions
- Ecological impacts/benefits
- Sustainability
- Repeatable – serve as pilot/example
- Timing (availability of funds, political issues, etc.)
- Public opinion
- Aligns with vision and goals of the Resilience Committee
- Amount of funding needed

Scoring Model:

Adaptation Concept	Impact 1 (low) -10	Feasibility 1-10	Sustainable 1-10	Public Support	Repeatable
1.					
2.					
3.					
4.					
5.					

Criteria possibilities 8

- protection of people + property
- opportunity to link to other values - potential solutions
- Ecological impacts/benefits
- Sustainability
- Repeatable → serve as pilot/example
- Timing (availability of funds, political issues, etc...)
- Public opinion
- Aligns with vision/goals of Committee
- Amount of funding needed

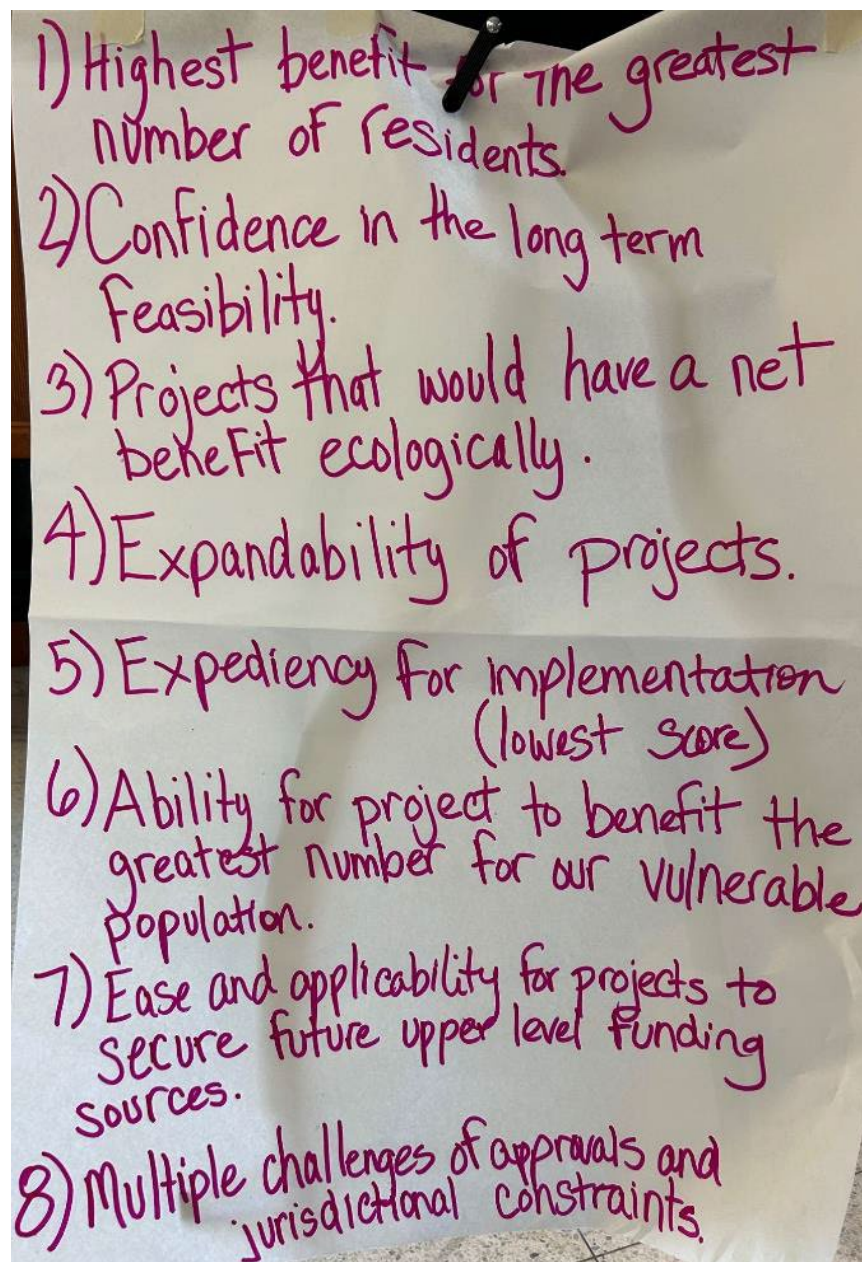
Adaptation	Impact	Feasibility	Sustainable	Public Support	Repeatable
1.	a	b	c	d	e
2.					
3.					
4.					
5.					

a - Impact 1-10
 b - Feasibility 1-10
 c - Sustainable
 d - Public Support
 e - Repeatable

Group 2: Rebecca, Edward, Corinne

Criteria

- 1) Highest benefit for the greatest number of residents
- 2) Confidence in the long-term feasibility
- 3) Projects that would have a net benefit ecologically
- 4) Expandability of projects
- 5) Expediency for implementation (lowest score)
- 6) Ability for project to benefit the greatest number for our vulnerable population
- 7) Ease and applicability for projects to secure future upper-level funding sources.
- 8) Multiple challenges of approvals and jurisdictional constraints



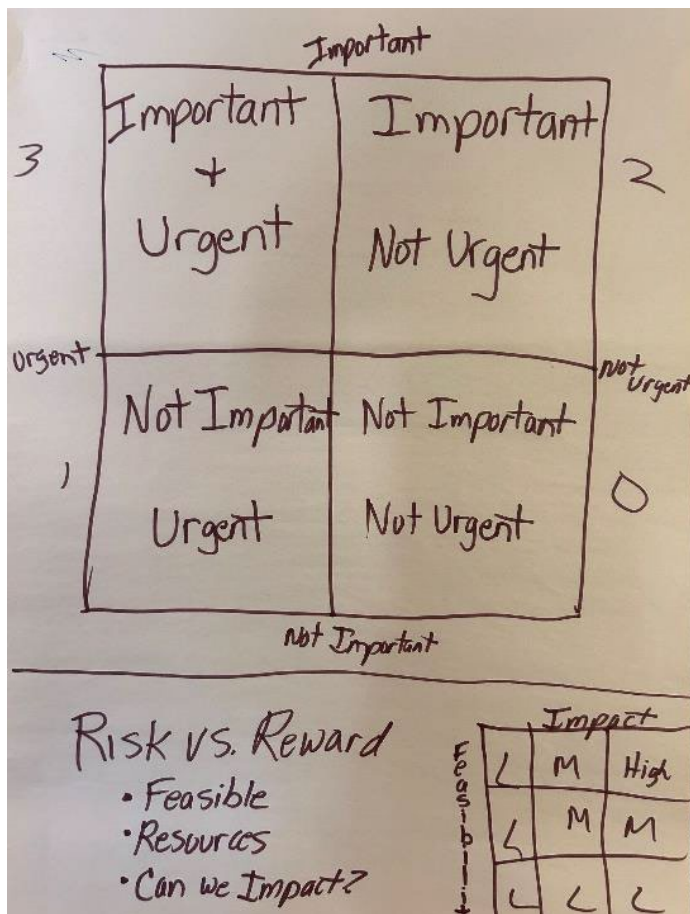
Group 3: Diane, Susan, Julie

Importance		
Urgency	Important and Urgent 3	Important and Not urgent 2
	Not Important and urgent 1	Not important and not urgent 0

Risk vs. Reward

- Feasible
- Resources
- Can we impact?

Feasibility	Impact		
	L	M	HIGH
L	M	M	
L	L	L	



The handwritten diagram consists of two parts. The top part is a 2x2 matrix with 'Urgency' on the vertical axis (values 3, 1) and 'Importance' on the horizontal axis (values 2, 0). The quadrants are labeled as follows: top-left is 'Important + Urgent', top-right is 'Important Not Urgent', bottom-left is 'Not Important Urgent', and bottom-right is 'Not Important Not Urgent'. The bottom part is a table titled 'Risk vs. Reward' with 'Feasibility' on the vertical axis and 'Impact' on the horizontal axis. The table contains the following values:

Feasibility	Impact		
	L	M	High
L	M	M	
L	L	L	

Group 4: Scott, Jody, Carolyn

1. Addresses an important conservation/resilience goal
 - Mitigates vulnerability
 - Improves habitat
 - Increases resilience to disturbance
 - Effective for short and long periods
2. Climate smart
3. Feasibility
 - Cost
 - Opportunities for funding and partnership
 - Likelihood of success
 - Robust to climate scenarios
 - Institutional and local capacity
4. Other goals and values
 - Time to implement and achieve benefit
 - Stakeholder acceptance
 - Consequence of no action
 - Ability to monitor
 - "social-economic" benefit

