



Terry Mazany
July 14, 2023

Natural Resources Branch July Meeting

Lee County Recovery Task Force



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Introductions

Recovery Task Force Updates

Workshop Feedback

Projects and Initiatives

Branch Technical Briefs

Questions and Next Steps

Public Comment



Introductions



Membership:

Branch Lead:

- Dan DeLisi

Branch Members:

- Daniel Andrews
- Ryan Berger
- Chadd Chustz
- James Evans
- Kate Gooderham
- Joanne Ribble
- Dr. Maya Robert
- Dr. Mary Beth Saunders
- Casey Streeter
- Matt Caldwell
- Holly Milbrandt
- Bethany Brosious
- Justin Mahon
- Emily Porter
- Fred Forbes
- Ron George
- Randall Jones

Introductions



Branch Meeting Support Team

Facilitator(s)

- Terry Mazany

Branch Support

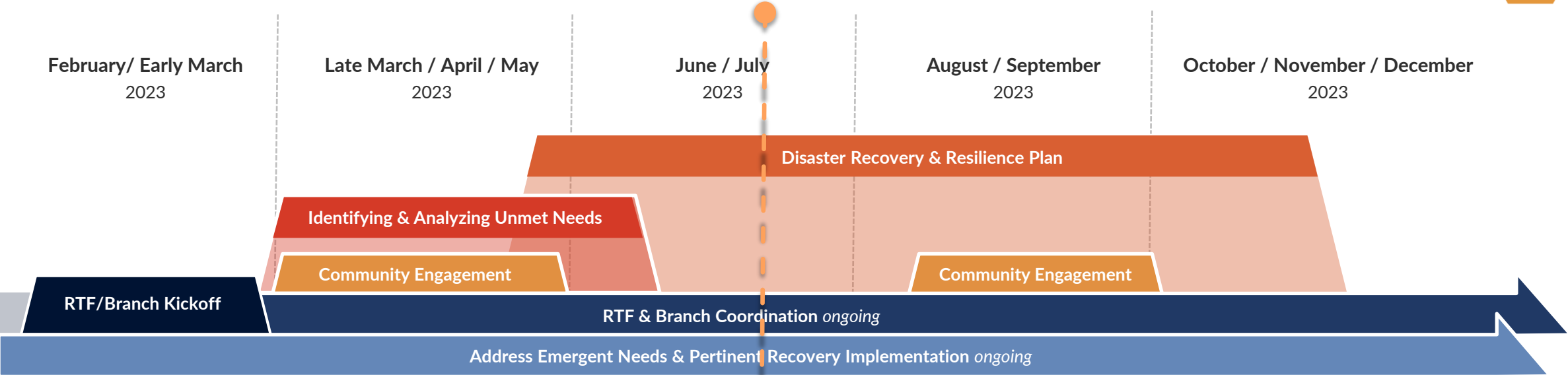
- Shanna Snider
- Robbie Heere

Recovery Task Force Membership



Agency	Position	Liaison
Board of County Commissioners	Commissioner	Kevin Ruane, Chair
City of Bonita Springs	Councilman	Chris Corrie
City of Cape Coral	Mayor	John Gunter
Village of Estero	Mayor	Jon McLain
City of Fort Myers	Mayor	Kevin Anderson
Town of Fort Myers Beach	Councilman	Bill Veach
City of Sanibel	Councilwoman	Holly Smith
Law Enforcement	Undersheriff	John Holloway
Lehigh Acres Fire District	Fire Chief	Robert Dilallo
Lee County School Board	Chairman	Aarmor Persons
Lee Health	Board Member	David Collins
Legislative Delegation	Representative	Jenna Persons-Mulicka
Constitutional Office	Property Appraiser	Matt Caldwell

High Level Process for Long-term Recovery Planning



RTF / Branch Kickoff

Establish the working structure for RTF and launch branches. Identify immediate needs and goals to address.

Launch website.

RTF & Branch Coordination

Identify recovery objectives; inform impact and needs assessment; establish projects; incorporate community's priorities; inform long term planning; oversee recovery plan implementation.

Identifying & Analyzing Unmet Needs

Hurricane Ian storm impact analysis, and a cursory look at outstanding needs that will begin to shape recovery priorities.

Community Engagement

Comprehensive community outreach to inform and validate needs, identify solutions, and validate planning.

Hurricane Ian Disaster Recovery & Resilience Plan

A framework for Lee County's recovery from Hurricane Ian, including prioritized projects, funding sources, and key stakeholders.

Emergent Needs & Pertinent Recovery Implementation

Conduct recovery operations and manage recovery funding streams: short-term, intermediate, long-term.

RTF is forum to identify emergent and time sensitive needs and identifying best path forward.

Meeting Purpose



Discuss Branch Initiative Matrix and address gaps in priority alignment.



Review Branch Technical Brief development process and identify other Technical Brief requests.

Introductions

Branch Initiatives Discussion

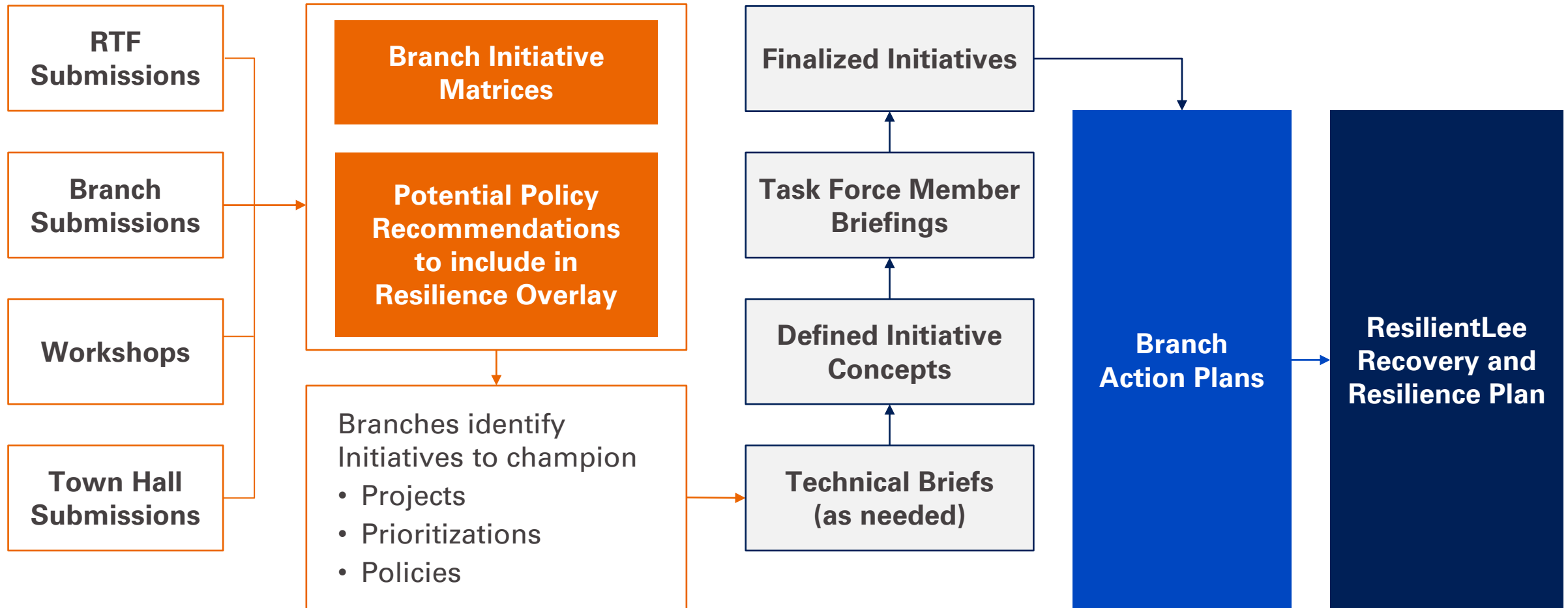
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Initiative Development Process



Initiate Design

What is an Initiative?



- An Initiative is a component of the Branch Action Plan to address validated priority areas.
- Initiatives are the critical piece of the Recovery and Resilience Plan that will showcase the steps Lee County is taking to increase overall resiliency.

Branch Role:

Branch members are responsible for identifying the following components of an initiative:

- Initiative Lead
- Description and Progress
- Measures of Success
- Partners
- Implementation Steps (collaborative piece)

How to Read an Initiative:



Initiative Title and Number

Each Initiative has a unique title that briefly describes its purpose, and unique identifying number. The number indicates the strategy that the action supports.

Lead

The lead represents the primary organization or position charged with overseeing the action's implementation.

Initiative Description + Progress

The description provides a high-level overview of each action that explains its purpose in the Recovery Action Plan.

Funding

Potential funding or organizations with potential funding are listed here.

Resources

The resources are identified information, guidance, and/or equipment necessary to support implementation.

Where is this Initiative Involved?

Connections to relevant planning documents are noted in this section.

Initiative

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LEAD: [Department Lead]

Initiative Description + Progress

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POTENTIAL FUNDING SOURCE:

- Funding Source's/Program Name
- Funding Source's/Program Name

ORGANIZATIONS WITH POTENTIAL FUNDING:

- Organization's Name
- Organization's Name
- Organization's Name

Resources

- Lorem ipsum dolor sit amet

WHERE IS THIS ACTION INVOLVED?

[xxx] Plan Name..... Pages ###, ###, #

[xxx] Plan Name..... Pages ###, ###, #

[xxx] Plan Name..... Pages ###, ###, #

OBJECTIVE 1.1

PRIORITY LEVEL

Pending

1 2 3 4

MET NEEDS

3 2 4 1

- Safety & Security
- Infrastructure
- Economy
- Quality of Life

MEASURES OF SUCCESS

- Finalized agreements example
- Increase of something example
- Implementation of an example

PARTNERS:

- Partner's Name
- Partner's Name
- Partner's Name
- Partner's Name
- Partner's Name

Priority Level

The following indicators show the action's priority level (low, medium, or high). Three filled in boxes means high, two means medium, and one means low.

Project Partner Type

Each icon shows the type of project partners(s) to support action implementation. They can be City-led (left), Community-led (middle), or Private-Public Partnership-led (right).

Met Needs

Met needs displays the number of redevelopment needs that the action addresses.

Measures of Success

Measures of success identify key milestones of successful action implementation.

Partners

Initiatives may require assistance from community partners, which are noted here.

Implementation Steps
The steps outline actionable tasks that are needed for

Initiative

OBJECTIVE

Implementation Steps

1. STEP TITLE (#-# Months/Years)

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2. STEP TITLE (#-# Months/Years)

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Implementation Steps

The steps outline actionable tasks that are needed for implementation at all project phases.

Technical Briefs

What is a Technical Brief?



- Technical Briefs will connect Branch members with technical expertise on requested topics.
- Branch Action Plans allow Branch members to strategize scope of initiatives and identify additional information needed to fully develop a proposed initiative.
- Briefs will be short summaries including a combination of case study review, research, and subject matter expertise to provide branch members with information useful in developing an initiative.

Examples:

- **Need:** A Branch wants to review a few "best practice" policy approaches from a jurisdiction with similar characteristics.
- The ResilientLee Support Team will provide case study summaries that highlight key elements that could inform our initiative.

Considerations



 Do the Initiatives align with the Branch priorities?

 Are there missing Initiatives for any of the priorities?

 Are there any gaps in addressing Branch priorities?

 What Technical Briefs are needed?

Priority 1 Initiatives



Determine regulatory actions and incentives to address impacts of natural resources, including identifying mixed-use spaces that can be used for future debris staging with minimal to no impact to the environment

Initiatives:

1. Identify feasibility studies and environmental areas needing additional protection through land acquisition and other conservation efforts.
2. Preserve and improve natural habitats through community planning, conservation, restoration, protection best practices.
3. Rehabilitate railways into multiuse areas using green infrastructure practices to expand community use and address natural resource challenges.
4. Develop multi-use paths and roads that support walking and biking, improving transportation capabilities.

Priority 2 Initiatives



Direct actions to improve hydrological and ecological conditions

Initiatives:

1. Coordinate infrastructure improvements with natural resource partners to ensure new and existing plans are sustainable to both sectors.
2. Identify and implement actions aligned with protecting natural resources to address existing stormwater management challenges and mitigate future impacts to vulnerable communities.
3. Implement beach renourishment measures to restore community identities and support economic recovery for associated industries.
4. Increase resilience within economic sectors relying on natural resources with improved accessibility and infrastructure.
5. Improve hurricane flood water management and reclaim/store water.

Priority 3 Initiatives



Create public education and awareness campaigns to reduce the impact on natural resources

Initiatives:

1. Assess economic impact of natural resources.
2. Incorporate resilience practices in natural resource advisory boards and committees to increase strategy and oversight on resilient efforts.

Branch Action Plans

What is a Branch Action Plan?



- Branches will develop an Action Plan that will become annexes to Initiatives in the final Plan.
- These will include the recommended Initiatives defined as new projects, policy changes, and current project prioritizations from the eight Branches.

Purpose:

- Provide **prioritization recommendations** for existing plans and projects;
- Recommend **new Initiatives**; and
- Identify key **policy changes** that can support community resilience.

Branch Member Responsibilities



Branches will need to accomplish the following to successfully develop an action plan:

-  Participate in workshops related to Branch priorities/initiatives.
-  Deliberate best approaches to addressing priorities.
-  Identify topics requiring technical briefs to fill information gaps.
-  Identify and collaborate with key partners/stakeholders who might implement initiatives or enact policy changes.
-  Facilitate the design (concept and approach) of the initiatives and identifying a lead to facilitate initiative implementation.

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Technical Brief Requests



Natural Resources Branch

Green Infrastructure

- What are examples of green infrastructure policies in similarly situated communities that aim to reduce nutrient loading for the improvement of water quality?

Infrastructure Branch

Hardened Communication Utilities

- What are examples of redundancies for hardening from communications providers?

Transportation

- How can Lee County benefit from a van pool program, similar to the program proposed by Ford and Lyft?

Fuel Infrastructure (Natural Gas)

- Can utilizing natural gas lines for back up fuel be a sustainable and reliable source?

Planning and Capacity Branch

Resilience Overlays

- What are some examples of similar coastal communities using resilience overlays?

Nutrient Loading Technical Brief



What are the specific areas of interest you would like included in this Technical Brief? Are there additional topics you would like included?

Constructed Wetlands – slow water transportation, reducing nutrient concentrations in stormwater runoff before reaching receiving waters. **(Best Practice)**

Bioswales – vegetated swales that convey stormwater within a shallow channel helping to lessen peak flows, reduce pollutant loads, and enhance biodiversity (performance is sensitive to design). **(Best Practice)**

Green Roofs – reduce runoff volumes, regulate building temperatures, reduce urban heat island effects, and provide urban wildlife habitat.

Permeable Pavements – address infiltration and pollutant removal efficiency, long term performance, and impacts on ground water quality leading to cooled surface temperatures, reduced runoff volumes, and improved water quality.

Rainwater Harvesting – described as an approach to water conservation and stormwater management by increasing rainwater use in urban environments (showering/bathing, laundry, toilet flushing).

Rain Gardens and Planter Boxes – considered forms of bioretention that can support ground water recharge, pollutant removal, and effective runoff detention when open space is limited.

Urban Tree Canopy – trees in urban environments can mitigate air pollution, reduce runoff quantity, and reduce energy use through the interaction of urban trees and soils.

Discussion Questions



What Technical Briefs are needed for the Branch to further develop branch initiatives?



Are you aware of assessments or studies that may exist?



Where would new research have to be done?



How can we leverage county and city officials, nonprofit leaders and other NGOs to obtain information?



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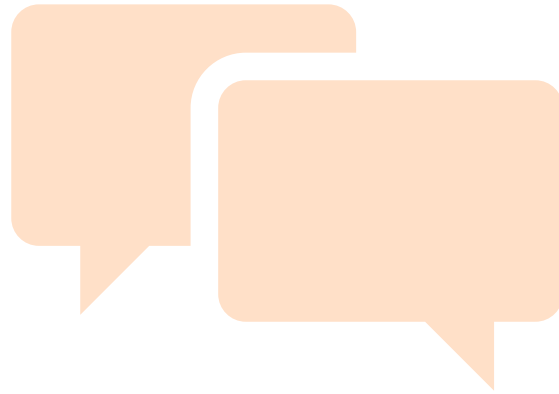
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Discussion and Questions



**Discussion to close
after final member
questions and next
steps, before opening
to Public Comment.**

Next Steps



Next Meeting

- Friday, July 21st, 2023 | 10:30 am – 12:00 pm

Next Items to Accomplish

- **Submit preferred title and a photo for the ResilientLee website**
- Continue identifying initiatives that need a Technical Brief
- Begin developing Branch Action Plan

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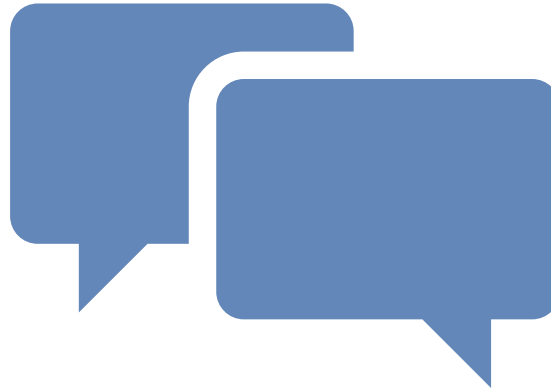
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Public Comment





Adjourn

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Natural Resources Branch



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