

TULELAKE SUBBASIN GROUNDWATER CORE TEAM

CORE TEAM MEMBERS

Gary Wright, Tulelake Irrigation District
Kraig Beasley, Tulelake Irrigation District
Henry Ebinger, City of Tulelake
Matt Parker, Siskiyou County
Tiffany Martinez, Modoc County



Kraig Beasley
Chairperson

Tiffany Martinez
Clerk of the Core Team

**Tulelake City Hall
591 Main Street, Tulelake, CA 96134
(530) 667-2249**

**AGENDA FOR WEDNESDAY, MAY 19, 2021
1:00 PM**

**Alternate Meeting Locations:
204 South Court Street, Alturas, CA 96101**

Pursuant to California Governor Gavin Newsom's Executive Order N-25-20 & N-29-20 issued on March 12, 2020 and March 17, 2020, relating to the convening of public meetings in response to the COVID-19 pandemic, the Tulelake Sub Basin Core Team will be enacting social distancing procedures for the Tulelake Sub Basin Core Team Meetings to members of the public and staff. Additionally, members of the Tulelake Sub Basin Core Team are allowed to attend the meeting via teleconference and to participate in the meeting to the same extent as if they were present.

To protect the public, staff, and members of the Tulelake Sub Basin Core Team, members of the public are encouraged to participate in the Core Team meetings in the following ways:

Join Zoom Meeting

<https://us02web.zoom.us/j/82796918418?pwd=VytPR3NaL0JWWFg2MFdBemRINGVFdz09>

Meeting ID: 827 9691 8418

Passcode: 051920

1-669-900-9128,,82796918418#,,,,*051920# One tap mobile

Public comments can also be e-mailed to clerkoftheboard@co.modoc.ca.us by 5:00 p.m. on May 18, 2021 to be entered into the record.

AGENDA FOR WEDNESDAY, MAY 19, 2021

The Sustainable Groundwater Management Act (SGMA) established a new structure for managing California's groundwater resources at a local level by local agencies. SGMA requires, by June 30, 2017, the formation of locally controlled groundwater sustainability agencies (GSAs) in the State's high- and medium-priority groundwater basins and subbasins (basins). A GSA is responsible for developing and implementing a groundwater sustainability plan (GSP) to meet the sustainability goal of the basin to ensure that it is operated within its sustainable yield, without causing undesirable results.

1:00 PM Call to Order

Pledge of Allegiance

Public Comment - *This is the time set aside for citizens to address the Core Team on matters on the consent agenda and matters not otherwise on the agenda. Comments should be limited to matters within the jurisdiction of the Core Team. If your comment concerns an item shown on the agenda please address the Core Team after that item is open for public comment. By law, the Core Team cannot take action on matters that are not on the agenda. The chair reserves the right to limit the duration of each speaker to three minutes. Speaker may not cede their time.*

Agenda items with times listed will be considered at that time all other items will be considered as listed on the agenda or as deemed necessary by the Chair.

Approval or Additions/Deletions to Agenda

Correspondence

Consideration / Action

1. CONSIDERATION/ACTION: Requesting approval of the February 17, 2021 Tulelake Subbasin Groundwater Core Team meeting minutes. (Tulelake Core Team)
2. CONSIDERATION/ACTION: Set aside Public Draft Chapter 5 (Monitoring Networks) and Draft Chapter 6 (Water Budgets) of the Groundwater Sustainability Plan (GSP).
3. DISCUSSION: MBK presentation on Sustainable Management Criteria, Projects and Management Actions.
4. DISCUSSION: DWR presentation on Airborne Electromagnetic Survey

Core Team Members Reports

1. Siskiyou County
2. City of Tulelake
3. Modoc County

ADJOURNMENT

Parties with a disability as provided by the American Disabilities Act who require special accommodations or aides in order to participate in the public meeting should make the request to the Clerk at clerkoftheboard@co.modoc.ca.us at least 48 hours prior to the meeting. POSTED AT CITY HALL, TULELAKE IRRIGATION DISTRICT, ONLINE, AND AT TULELAKE POST OFFICE ON MAY 14, 2021.

Tulelake Core Team Meeting

Undesirable Results and Minimum Thresholds

May 19, 2021



Sustainability Indicators

Groundwater Level Minimum Threshold

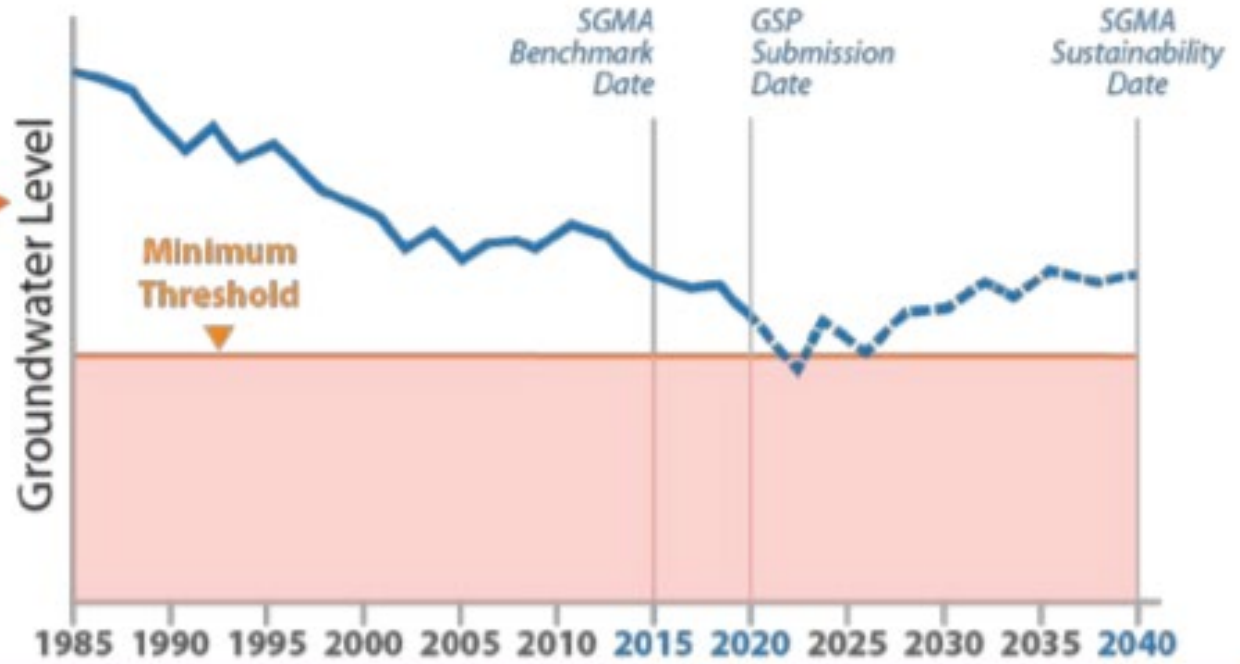


Lowering
GW Levels



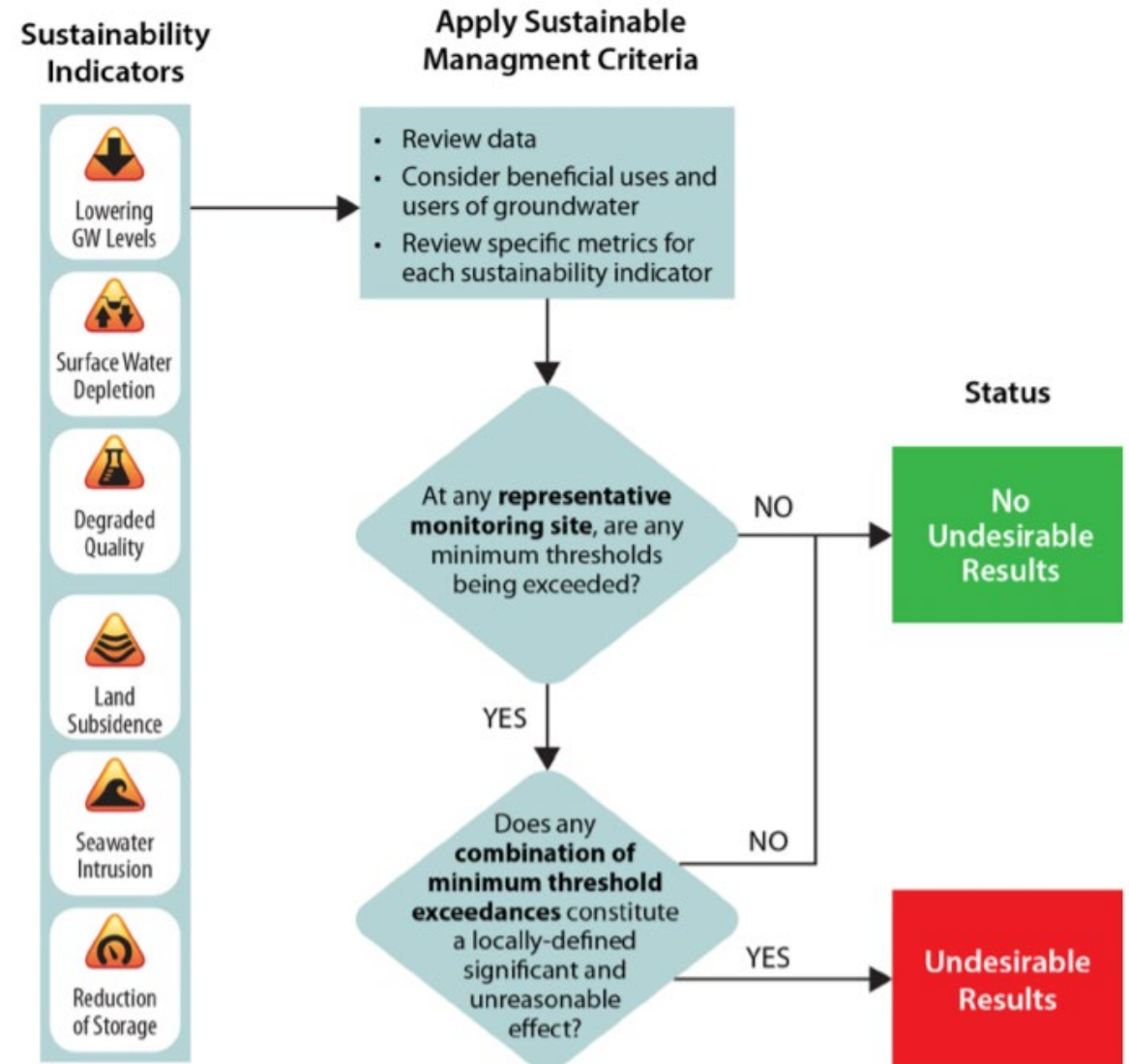
○ = Groundwater Level
Representative Monitoring Site

MA = Management Area

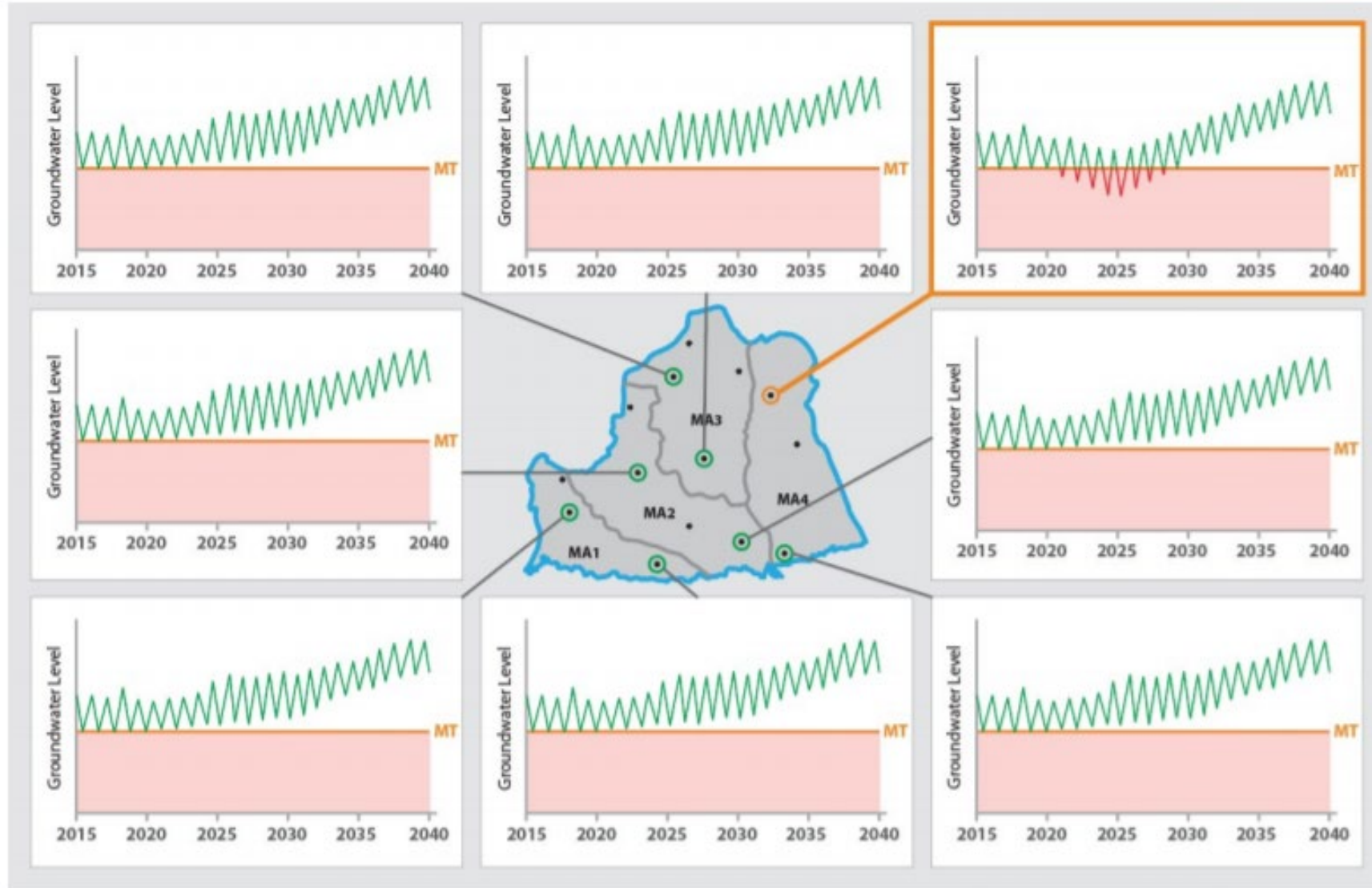


Relationship between Components

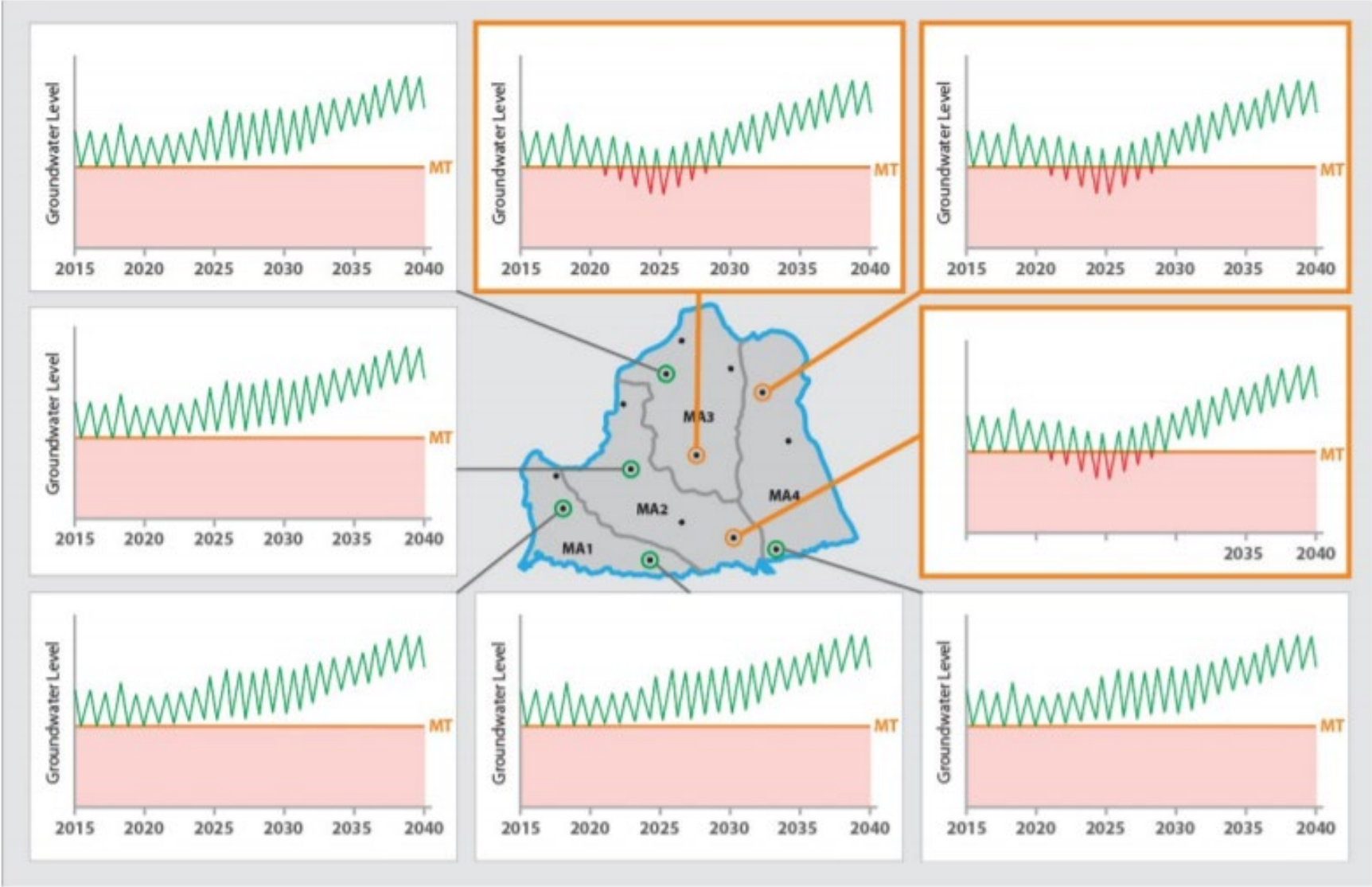
- ▶ Sustainability indicators become undesirable results when a GSA-defined combination of minimum thresholds is exceeded.
- ▶ Those combinations of minimum threshold exceedances define when a basin condition becomes significant and unreasonable.



Scenario 1 - Minimum Threshold Exceedances without an Undesirable Result



Scenario 2 - MT Exceedances with Undesirable Results Eliminated Within 20 Years



Undesirable Results Projects & Management Actions

Group Discussion

Undesirable Result Definitions

Undesirable Result	Proposed GSP Definition
Chronic Lowering of Groundwater Levels	Groundwater elevations dropping below the Minimum Threshold criteria at 25% of representative monitoring locations over three consecutive spring measurements.
Change-In-Storage	Monitoring of groundwater levels will be used as a proxy for this undesirable result.
Land Subsidence	Monitoring of groundwater levels will be used as a proxy for this undesirable result.
Depletion of Interconnected Surface Water	<p>As stated above, the only surface water within the Subbasin is a small portion of the Lost River which terminates in the Tule Lake Sumps. This system is highly regulated as part of the US Bureau of Reclamation's Klamath Project. Due to the nature of the Lost River and Sumps, a separate monitoring network for groundwater-surface water interaction has not been developed. However, DWR Monitoring Well No. 48N04E22M001M is located adjacent to the Lost River and is included in the Groundwater Level Monitoring Network.</p> <p>Groundwater elevations dropping below the Minimum Threshold criteria at this representative monitoring locations over three consecutive spring measurements.</p>

Potential Management Actions

GSA	Description	Timeline
Siskiyou County	GSA Involvement in Well Permitting	
Modoc County	GSA Involvement in Well Permitting	
Tule Lake ID		
City of Tulelake		

Potential Projects

GSA	Description	Timeline
Tule Lake ID	Installation of MW via DWR's TSS	2022
Tule Lake ID	Projects identified in FCA Brief	??
Tule Lake ID		
Siskiyou County		
Modoc County		
City of Tulelake		

Next Steps

- ▶ MBK will coordinate with each GSA to further discuss:
 - ▶ Minimum Thresholds
 - ▶ Undesirable Results
 - ▶ Management Actions
 - ▶ Projects