JOINT POWERS AUTHORITY BOARD MEETING
Oroville City Council Chambers
1735 Montgomery Street
Oroville, CA. 95965

Wyandotte Creek
GROUNDWATER SUSTAINABILITY AGENCY

January 28, 2021
REGULAR MEETING
OPEN SESSION 2:00 PM
AGENDA

COVID-19 AND PUBLIC ACCESS AND PARTICIPATION

In light of the Governors orders issued on November 16, 2020 returning Butte County to Tier 1 (Purple) the Oroville City Council Chambers are closed to the public until further notice. To view the meeting or provide comment, please see the options below. If you desire to provide comments to the Board, we strongly encourage that you send the comments in writing, as outlined below, to avoid any technical difficulties. All comments emailed will be provided to the Board Members for their consideration.

To View the Meeting:

1. Watch our live feed https://www.youtube.com/channel/UCAoRW34swYl85UBfYqT7IbQ/

To Provide Comment to the Council:

1. Email before the meeting by 12:00 PM your comments to publiccomment@cityoforoville.org
2. Join the meeting virtually via Zoom – Join Zoom Meeting
   https://zoom.us/j/91843162349?pwd=N2J4clY3R0ZHeGNEU21pWWdkNlYyUT09
   Meeting ID: 918 4316 2349
   Passcode: **879862**
3. Join the meeting by telephone (audio only):
   Telephone: 1-669-900-9128
   Meeting ID: 918 4316 2349
   Passcode: **879862**

To provide comment, you will need to use the raise hand function in Zoom. The clerk will call upon speakers when directed by the Board Chair.

CALL TO ORDER / ROLL CALL

1. Pledge of Allegiance
2. Roll Call: Board Members: Bill Connelly, Eric Smith, William Bynum, Kyle Daley, Susan Latulippe

   Staff Management Team: Butte County – Paul Gosselin and Kelly Peterson, TWSD – Chris Hendell, Oroville – Matt Thompson
3. Election of a Chair and Vice Chair for 2021

CONSENT CALENDAR

1. APPROVAL OF THE MINUTES

The Board may approve the minutes of December 17, 2020.

RECOMMENDATION

Approve the minutes of December 17, 2020

REGULAR BUSINESS

2. WANDOTTE CREEK GSA STAKEHOLDER ADVISORY COMMITTEE CHARTER

The Wyandotte Creek GSA Stakeholder Advisory Committee (WAC) held their first meeting in December of 2020, and through consensus, developed and approved revisions to the group's draft Charter which outlines how the group functions.

RECOMMENDATION

Approve the Advisory Committee charter or provide staff direction

3. WYANDOTTE CREEK GSA AVDISORY COMMITTEE APPOINTMENT

The Wyandotte Creek GSA Advisory Committee (WAC) has received an application for an agricultural well-user representative and the Board will consider this appointment.

RECOMMENDATION

The Management Committee recommends that the Wyandotte Creek GSA Board appoint Duke Sherwood to serve on the Wyandotte Creek GSA Stakeholder Advisory Committee as an agricultural well owner representative with a term ending January 28, 2023.

REPORTS AND CORRESPONDENCE

4. Wyandotte Creek Groundwater Sustainability Plan Development Update

5. Wyandotte Creek GSA Advisory Committee Update

6. Management Committee updates

7. Wyandotte Creek GSA financial report as of January 19, 2021

PUBLIC COMMENT- NON-AGENDA ITEMS

This is the time for the public to address the Board on items not listed on the agenda. The WC GSA Board is prohibited by State law from taking action on any item presented if it is not listed on the agenda. Comments will be limited to three minutes per person.

ADJOURN THE MEETING

The meeting will be adjourned.

Accommodating Those Individuals with Special Needs – In compliance with the Americans with Disabilities Act, the City of Oroville encourages those with disabilities to participate fully in the public meeting process. If you have a special need in order to allow you to attend or participate in our public meetings, please contact the Board Clerk at (530) 538-2535, well in advance of the regular meeting you wish to attend, so that we may make every reasonable effort to accommodate you. Documents distributed for public session items, less than 72 hours prior to meeting, are available for public inspection at City Hall, 1735 Montgomery Street, Oroville, California.

Recordings - All meetings are audio recorded.

JOINT POWERS AUTHORITY BOARD MEETIN

Oroville City Council Chambers
1735 Montgomery Street
Oroville, CA. 95965

December 17, 2020
MINUTES

This agenda was posted on December 11, 2020 at 10:17am. This meeting was recorded and may be viewed on the City of Oroville YouTube Channel.

CALL TO ORDER / ROLL CALL

Meeting called to order at approximately 2pm.

Board Members: Bill Connelly, Janet Goodson, William Bynum, Kyle Daley, Bruce Wristen

Staff Management Team: Butte County – Kelly Peterson, Paul Gosselin, TWSD – Chris Heindell, City of Oroville – Matt Thompson

OPEN SESSION

1. Pledge of Allegiance – The board did not recite the pledge

CONSENT CALENDAR

Motion by Board Member Bynum and second by Goodson to adopt the consent calendar. Motion passed unanimously.

1. APPROVAL OF THE MINUTES

The Board approved the minutes of October 22, 2020

2. ADOPTION OF THE 2021 CALENDAR

The Board adopted the 2021 Meeting Calendar

REGULAR BUSINESS

Board Member Bynum recused himself from the meeting.

3. TECHNICAL SERVICES SUPPORT AND LAND USE AGREEMENTS FOR MULTI-COMPLETION MONITORING WELL INSTALLATION

The first multi completion groundwater monitoring well is planned for installation in the Wyandotte Creek subbasin near Lone Tree Road and Circle G Ranch Road. The well will use hourly data collectors from different zones of the aquifer to understand groundwater level conditions at varying depths from the ground surface. DWR is funding the majority of the project through the DWR Technical Services Support (TSS) Program. The Wyandotte Creek GSA is funding the well drilling permit fee.

Motion by Board Member Goodson and second by Board Member Daley to approve the TSS agreement and authorize the GSA Administrator to sign the agreement and approve the land use agreement and authorize the GSA Administrator to sign the agreement. Motion passed with

4 yes votes, and Board Member Bynum was not present as he had recused himself from the meeting.

Board Member Bynum returned to the meeting.

4. **APPROVAL OF MEMORANDUM OF AGREEMENT WITH LANDOWNER OF THE NEW MULIT-COMPLETION MONITORING WELL FROM DWR'S TECHNICAL SERVICES SUPPORT PROGRAM**

   The first multi completion groundwater monitoring well is planned for installation in the Wyandotte Creek subbasin near Lone Tree Road and Circle G Ranch Road. The well will use hourly data loggers to understand groundwater level conditions from different zones of the aquifer. DWR is funding the majority of the project through the DWR Technical Services Support (TSS) Program. The Wyandotte Creek GSA is funding the well drilling permit fee. Execution of the TSS and land use agreements are required before well drilling can begin.

   Motion by Board Member Goodson and Second by Board Member Daley to approve the Memorandum of Agreement for the new multi-completion monitoring well from DWRs Technical Services Support Program. Motion passed unanimously.

5. **APPROVAL OF THE NOTICE OF EXEMPTION FOR THE NEW MULTI_COMPLETION MONITORING WELL INSTALLATION THROUGH DWR'S TECHNICAL SERVICES SUPPORT PROGRAM**

   The first multi completion groundwater monitoring well is planned for installation in the Wyandotte Creek subbasin near Lone Tree Road and Circle G Ranch Road. The well will use hourly data collectors from different zones of the aquifer to understand groundwater level conditions at varying depths from the ground surface. A CEQA Notice of Exemption was filed by DWR for this project (attached for reference).

   Motion by Board Member Goodson and second by Board Member Daley to approve the Notice of Exemption for the new multi-completion monitoring well installation through DWRs Technical Services Support Program. Motion passed unanimously.

REPORTS AND UPDATES

6. **The Board received a Wyandotte Creek Groundwater Sustainability Plan Development Update**

7. **Management Committee Updates –** The Management Committee reported that they are coordinating the first the advisory committee meeting and working on the TSS well project.

8. **Wyandotte Creek GSA Financial Report** – The board received a written report.

PUBLIC COMMENT- NON-AGENDA ITEMS

There were no public comments at this meeting.

ADJOURN THE MEETING

Chairperson Connelly adjourned the meeting at approximately 2:20pm.

APPROVED: ATTESTED:

Chairperson Bill Connelly Management Team Paul Gosselin

Wyandotte Creek Groundwater Sustainability Agency Agenda Transmittal

TO: **WYANDOTTE CREEK GSA BOARD OF DIRECTORS**

FROM: **KELLY PETERSON**

RE: **WYANDOOTE CREEK GSA STAKEHOLDER ADVISORY COMMITTEE CHARTER**

DATE: **1/28/21**

SUMMARY

The Wyandotte Creek GSA Stakeholder Advisory Committee (WAC) held their first meeting in December of 2020, and through consensus, developed and approved revisions to the group's draft Charter which outlines how the group functions.

DISCUSSION

The Wyandotte Creek GSA WAC draft Charter is attached as Exhibit C of the Joint Powers Agreement forming the Wyandotte Creek GSA. During the first meeting of the WAC, members reviewed and revised the draft Charter to include the following general changes:

- Clarifications that due to extenuating circumstances that may preclude the WAC from holding in-person meetings, the WAC may consider offering a video-conferencing option.
- Removal of language regarding staggered terms for WAC members (half serving for three years and hald serving for 2 years) and that all terms end in the month of December
- Notes reflecting that in the event a quorum is not reached, the WAC meeting may still proceed to allow an opportunity for the public to receive information and provide comments to the Management Committee.

FISCAL IMPACT

None

RECOMMENDATION

Accept as informational item.

ATTACHMENTS

Wyandotte Creek GSA WAC Draft Charter revised 12-16-21 Clean Copy

Wyandotte Creek GSA WAC Draft Charter revised 12-16-21 Red Line Copy

Wyandotte Creek Groundwater Sustainability Agency
DRAFT ~~AC~~ Advisory Committee Charter

Version: December 16, 2020~~August 3, 2018~~

Purpose

The purpose of the Wyandotte Creek ~~AC~~ Advisory Committee (WAC) is to provide input and recommendations to the Groundwater Sustainability Agency (Agency) Board of Directors on groundwater sustainability plan (GSP) development and implementation. The intent of the WAC is to provide community perspective and participation in Sustainable Groundwater Management Act (SGMA) implementation.

The WAC will review and/or provide recommendations to the Agency Board on groundwater-related issues that may include:

- Development, adoption, amendment of the GSP
- Sustainability goals and objectives
- Best management practices
- Monitoring programs
- Annual work plans and reports (including mandatory 5-year milestone reports)
- Modeling scenarios
- Inter-basin coordination activities
- Projects and management actions to achieve sustainability
- Community outreach
- Local regulations to implement SGMA
- Fee proposals
- Other

The WAC will not be involved in the Agency's day to day operations, such as contracting, budgeting, etc.

Brown Act, Open Process, and Conflicts of Interest

All meetings of the WAC are open to the public. The Agency will announce WAC meetings through its regular communication channels.

WAC meetings are subject to the Brown Act. The WAC shall adopt a schedule and location for regular meetings, and meeting agendas shall be posted in accordance with the Brown Act. Under extenuating circumstances that may preclude the WAC from holding in-person meetings, the WAC may consider offering a video-conferencing option. However, all attempts will be made to hold in-person meetings, particularly when substantive discussion and formal recommendations are being considered by the WAC.

All WAC meetings shall provide for public comment in accordance with the Brown Act, including non-agenda public comment and public comment on individual agenda items. As needed, time limits may be placed on public comments to ensure the WAC is reasonably able to address all agenda items during the course of the meeting. Speakers will generally be limited to three minutes, but time may be adjusted based upon meeting circumstances. Special and emergency meetings need not provide for non-agenda public

comment, but such comment may be allowed in the WAC's discretion. ~~Members of the WAC are subject to all applicable conflict of interest laws including Government Code section 1090 and the California Political Reform Act. The Agency shall adopt a conflict of interest code for the WAC~~[GP1]~~.~~

Roles and Responsibilities

Agency Board of Directors
The Agency Board commits to the value of the WAC and will consider WAC recommendations when making decisions.

Advisory Committee
The role and responsibility of the WAC is to solicit and incorporate community and stakeholder interests into recommendations on SGMA implementation in the Wyandotte Creek ~~subbasin~~ Subbasin for the Board to consider in its decision-making processes.

Criteria for Advisory Committee Membership
~~AC~~ WAC Members must:

- Serve as a strong, effective advocate for the interest group represented
- Work collaboratively with others
- Commit time needed for ongoing discussions
- Collectively reflect diversity of interests within the stakeholder group they represent
  ~~Complete any required Brown Act trainings by all applicable deadlines~~[GP2]

As part of membership, members agree to:

- Arrive at each meeting fully prepared to discuss the issues on the agenda. Preparation may include reviewing meeting summaries, technical information, and draft documents distributed in advance of each meeting
- Present their constituent members' views on the issues being discussed and be willing to engage in respectful, constructive dialogue with other members of the group
- Develop a problem-solving approach in which they consider the interests and viewpoints of all group members, in addition to their own
- Keep their constituencies informed about the deliberations and actively seek their constituents' input

Management Committee
The Management Committee comprised of staff from each Member of the Agency are responsible for administering the WAC which includes:

- Maintaining a current roster of WAC members
- Working with Agency Board to fill WAC vacancies, as needed
- Preparing agendas for WAC meetings
- Noticing all meetings in accordance with the Brown Act
- Staffing all meetings, recording minutes and developing and distributing meeting summaries
- Working with WAC and the Agency Board to develop annual work plans and schedules for WAC meetings

- Facilitating the process of incorporating WAC recommendations in staff reports into Board packets
- Ensuring that the records for WAC member Brown Act Training are filed and updated as required
- Maintaining a record of all meeting materials

Facilitator

As resources allow, a third-party facilitator may provide impartial facilitation services for WAC meetings. The facilitator's primary responsibility is to ensure an open process where ~~all~~ WAC member interests are heard and thoughtfully considered. To this end, the facilitator works on behalf of the process and the members contributing to WAC efforts. Specific facilitator responsibilities include:

- Supporting the Management Committee in developing and distributing Committee agendas and relevant materials
- Advocating for a fair, effective, and credible process, but remain impartial with respect to the outcome of the deliberations
- Applying collaborative, mutual-gain negotiation methods that foster openness and identify areas of preliminary and final consensus agreement for advice and recommendations to the Board
- In the absence of consensus, helping to identify areas of agreement and disagreement
- Checking in with members as needed to ensure all issues are identified and explored
- Coordinating with Management Committee members to ensure accurate, impartial documentation of meetings and agreements (i.e. meeting summaries and recommendation reports)
- Ensuring all members uphold the tenets of the charter

Membership

Composition of the WAC is intended to represent the beneficial uses and users of groundwater identified in SGMA. WAC members only fill one seat on the AC and may not serve concurrently on the Agency Board or on the Management Committee. Members must live or work within the Wyandotte Creek ~~subbasin~~ Subbasin or represent an organization with a presence in the Wyandotte Creek ~~subbasin~~Subbasin.

The Agency Board will appoint representatives to the WAC. The following represents a draft, proposed list of possible WAC representation:

- Cal Water - Oroville (1)
- South Feather Water and Power (1)
- Tribal representative(s)
- Agricultural groundwater user(s)~~:~~
    - ~~Two (2) at-large members~~
    - ~~One (1) Groundwater Pumpers Advisory Committee (GPAC) member. In the event that the GPAC dissolves, this position will transition to an at-large position~~
- At-large domestic well users(s) ~~(2)~~
- At-large environmental representative(s) ~~(1)~~
- At-large business association representative(s) ~~(1)~~

The Agency Board may appoint other interests representing beneficial users and uses of groundwater as per Water Code Section 10723.3~~)~~ .~~-~~

Member Appointment

The Agency Board will appoint at-large members to fill AC seats. Interested individuals from the community or organizations may apply to the Agency Board, specifying in the application the seat(s) that the applicant intends to be considered for.

The Agency Board encourages candidates with experience and familiarity with groundwater and its groundwater management. The Agency Board will also give preference to applicants who have the backing of multiple organizations or individuals, have experience working with diverse community-based groups and can represent the interests of disadvantaged populations or interests that are otherwise under-represented on the Advisory Committee.

Application Timeline

Following Agency formation, the Agency Board will establish a timeline and process for appointment of the initial AC using the application process for the at-large seats on the AC and appointing the non-at-large seats as presented by the respective governing bodies of those non-at-large seats. In subsequent years, at-large applicants will submit applications for vacant at-large seats when they become vacant. The Agency will post blank applications on its website.

Advisory Committee Member Terms

~~The initial AC appointments will include approximately half of the seats with three-year terms ending in December 2022 and the remaining seats with two-year terms ending in December 2021. Following initial Committee member Committee appointment,~~ Aall terms will be two years in length~~, ending in December~~. Appointees are not term-limited; however, at-large members would be required to apply for open seats each term. If a vacancy occurs for a seat before the end of the term, the Board will appoint a new individual to complete the term~~. (using the application process for the at-large seats[A3]).~~

The Agency Board can remove an WAC member if the member fails to attend three consecutive meetings or if the WAC member no longer meets the criteria for WAC membership. If deemed necessary by the Board, alternates may be appointed by the Agency Board.

Decision Making and Recommendations to the Agency Board

To inform Agency Board decision-making, the WAC will provide written recommendations to the Agency included in Management Committee reports.

Any WAC member(s) who disagree with a recommendation made by the WAC to the Agency should provide an alternative that attempts to meet the interests they are representing as well as the interests of other members. The Committee will strive for consensus; however, if unanimous agreement among ~~all~~ participants cannot be reached after all interests and options have been thoroughly identified, explored, and discussed, the WAC shall not limit itself to strict consensus. When unable to reach consensus on advice or recommendations, the WAC will outline the areas of disagreement and provide an explanation about such disagreements to inform the Agency Board for decision-making processes.

Pursuant to Agency Board direction, the Management Committee will develop ~~a~~nnual work plan(s) and schedule(s) for WAC meetings. The WAC will adopt a charter describing the purpose, operating principles and ground rules of the WAC. This charter will be subject to approval by the Agency Board of Directors.

The Agency Board will consider WAC recommendations when making decisions. If the Agency Board does not agree with the recommendations of the WAC, the Agency Board shall state the reasons for its decision.

In order to conduct business (e.g. make and advance a recommendation to the Board), a quorum of the WAC seated must be present. A simple majority of WAC members constitutes a quorum.[MOU4] In the event a quorum is not reached, the WAC meeting may proceed to allow an opportunity for the public to received information and provide comments to the Management Committee. Management Committee will transmit a summary of recommendations and discussion to the Board.

Process Agreements and Ground Rules

To conduct a successful collaborative process, ~~all~~ WAC members will work together to create a constructive, problem solving environment. To this end, ~~all~~ members agree to the following process agreements which the WAC will use, and to ground rules which will guide individual and group behavior.

Process Agreements

1. Everyone agrees to negotiate in good faith. All participants agree to participate in decision making, to act in good faith in all aspects of this effort and to communicate their interests during meetings. Good faith also requires that members not make commitments they do not intend to follow through with, and that members act consistently in the meetings and in other forums where the issues under discussion in these meetings are also being discussed.

2. Everyone agrees to address the issues and concerns of the participants. Everyone who is joining in the WAC is doing so because s/he has a stake in the issue at hand. For the process to be successful, all the members agree to validate the issues and concerns of the other members and strive to reach an agreement that takes all the issues under consideration. Disagreements should be viewed as problems to be solved, rather than battles to be won.

3. Everyone agrees to inform and seek input from their constituents about the outcome of the facilitated discussions. To the extent possible, scheduling will allow for members to inform and seek input from their constituents, and others about discussions.

4. Everyone agrees that members can meet with other organizational or interest group members. WAC members may find it helpful to meet with other organizations or interest group members and to consult with constituents outside of the meeting so the member is better able to communicate community concerns on the issues at hand.

5. Everyone agrees to attend all of the meetings to the extent possible. Continuity of the conversations and building trust are critical to the success of the WAC.

Management Committee member(s)and / or the facilitator will coordinate the WAC meeting schedule.

Ground Rules

1. Use Common Conversational Courtesy: Treat each other with mutual respect as you discuss and deliberate groundwater issues. Members are encouraged to turn off cell phones and focus on the issue at hand.

2. All Ideas and Points of View Have Value: The goal is to achieve understanding. Simply listen, you do not have to agree. If you hear something you do not agree with or you think is "silly" or "wrong," please remember that the purpose of the forum is to share ideas.

3. Be Honest, Fair, and as Candid as Possible: Put your interests forward, help others understand you and listen actively in order to understand others.

4. Avoid Editorials: It will be tempting to analyze the motives of others or offer editorial comments. Please talk about your own ideas and thoughts. Avoid commenting on why you believe another participant thinks something.

5. Honor Time, Be Concise and Share the Air: Help ensure an inclusive discussion by being cognizant of time constraints, stating your views clearly and concisely, and sharing the air so others can participate as well.

6. Think Innovatively and Welcome New Ideas: Creative thinking and problem solving are essential to success. “Climb out of the box” and attempt to think about the problem in a new way.

7. Invite Humor and Good Will: Don’t hesitate to bring levity and humor to the process when warranted.

Amendments

The WAC can recommend future changes to the charter. The Agency Board may amend the charter when needed using its decision-making procedure.

DRAFT

Wyandotte Creek Groundwater Sustainability Agency
DRAFT Advisory Committee Charter

Version: December 16, 2020

Purpose

The purpose of the Wyandotte Creek Advisory Committee (WAC) is to provide input and recommendations to the Groundwater Sustainability Agency (Agency) Board of Directors on groundwater sustainability plan (GSP) development and implementation. The intent of the WAC is to provide community perspective and participation in Sustainable Groundwater Management Act (SGMA) implementation.

The WAC will review and/or provide recommendations to the Agency Board on groundwater-related issues that may include:

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- Other

The WAC will not be involved in the Agency's day to day operations, such as contracting, budgeting, etc.

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upon meeting circumstances. Special and emergency meetings need not provide for non-agenda public comment, but such comment may be allowed in the WAC's discretion.

Roles and Responsibilities

Agency Board of Directors

The Agency Board commits to the value of the WAC and will consider WAC recommendations when making decisions.

Advisory Committee

The role and responsibility of the WAC is to solicit and incorporate community and stakeholder interests into recommendations on SGMA implementation in the Wyandotte Creek Subbasin for the Board to consider in its decision-making processes.

Criteria for Advisory Committee Membership

WAC Members must:

- Serve as a strong, effective advocate for the interest group represented
- Work collaboratively with others
- Commit time needed for ongoing discussions
- Collectively reflect diversity of interests within the stakeholder group they represent

As part of membership, members agree to:

- Arrive at each meeting fully prepared to discuss the issues on the agenda. Preparation may include reviewing meeting summaries, technical information, and draft documents distributed in advance of each meeting
- Present their constituent members' views on the issues being discussed and be willing to engage in respectful, constructive dialogue with other members of the group
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packets
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- In the absence of consensus, helping to identify areas of agreement and disagreement
- Checking in with members as needed to ensure all issues are identified and explored
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- Ensuring all members uphold the tenets of the charter

Membership

Composition of the WAC is intended to represent the beneficial uses and users of groundwater identified in SGMA. WAC members only fill one seat on the AC and may not serve concurrently on the Agency Board or on the Management Committee. Members must live or work within the Wyandotte Creek Subbasin or represent an organization with a presence in the Wyandotte Creek Subbasin.

The Agency Board will appoint representatives to the WAC. The following represents a draft, proposed list of possible WAC representation:

- Cal Water - Oroville (1)
- South Feather Water and Power (1)
- Tribal representative(s)
- Agricultural groundwater user(s)
- At-large domestic well users(s)
- At-large environmental representative(s)
- At-large business association representative(s)

The Agency Board may appoint other interests representing beneficial users and uses of groundwater as per Water Code Section 10723.3

Member Appointment

The Agency Board will appoint at-large members to fill AC seats. Interested individuals from the community or organizations may apply to the Agency Board, specifying in the application the seat(s) that the applicant intends to be considered for.

The Agency Board encourages candidates with experience and familiarity with groundwater and its groundwater management. The Agency Board will also give preference to applicants who have the backing of multiple organizations or individuals, have experience working with diverse community-based groups and can represent the interests of disadvantaged populations or interests that are otherwise under-represented on the Advisory Committee.

Application Timeline

Following Agency formation, the Agency Board will establish a timeline and process for appointment of the initial AC using the application process for the at-large seats on the AC and appointing the non-at-large seats as presented by the respective governing bodies of those non-at-large seats. In subsequent years, at-large applicants will submit applications for vacant at-large seats when they become vacant. The Agency will post blank applications on its website.

Advisory Committee Member Terms

All terms will be two years in length. Appointees are not term-limited; however, at-large members would be required to apply for open seats each term. If a vacancy occurs for a seat before the end of the term, the Board will appoint a new individual to complete the term.

The Agency Board can remove an WAC member if the member fails to attend three consecutive meetings or if the WAC member no longer meets the criteria for WAC membership. If deemed necessary by the Board, alternates may be appointed by the Agency Board.

Decision Making and Recommendations to the Agency Board

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Any WAC member(s) who disagree with a recommendation made by the WAC to the Agency should provide an alternative that attempts to meet the interests they are representing as well as the interests of other members. The Committee will strive for consensus; however, if unanimous agreement among participants cannot be reached after all interests and options have been thoroughly identified, explored, and discussed, the WAC shall not limit itself to strict consensus. When unable to reach consensus on advice or recommendations, the WAC will outline the areas of disagreement and provide an explanation about such disagreements to inform the Agency Board for decision-making processes.

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Process Agreements and Ground Rules

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Process Agreements

1. Everyone agrees to negotiate in good faith. All participants agree to participate in decision making, to act in good faith in all aspects of this effort and to communicate their interests during meetings. Good faith also requires that members not make commitments they do not intend to follow through with, and that members act consistently in the meetings and in other forums where the issues under discussion in these meetings are also being discussed.

2. Everyone agrees to address the issues and concerns of the participants. Everyone who is joining in the WAC is doing so because s/he has a stake in the issue at hand. For the process to be successful, all the members agree to validate the issues and concerns of the other members and strive to reach an agreement that takes all the issues under consideration. Disagreements should be viewed as problems to be solved, rather than battles to be won.

3. Everyone agrees to inform and seek input from their constituents about the outcome of the facilitated discussions. To the extent possible, scheduling will allow for members to inform and seek input from their constituents, and others about discussions.

4. Everyone agrees that members can meet with other organizational or interest group members. WAC members may find it helpful to meet with other organizations or interest group members and to consult with constituents outside of the meeting so the member is better able to communicate community concerns on the issues at hand.

5. Everyone agrees to attend all of the meetings to the extent possible. Continuity of the conversations and building trust are critical to the success of the WAC.

Management Committee member(s)and / or the facilitator will coordinate the WAC meeting schedule.

Ground Rules

1. Use Common Conversational Courtesy: Treat each other with mutual respect as you discuss and deliberate groundwater issues. Members are encouraged to turn off cell phones and focus on the issue at hand.

2. All Ideas and Points of View Have Value: The goal is to achieve understanding. Simply listen, you do not have to agree. If you hear something you do not agree with or you think is "silly" or "wrong," please remember that the purpose of the forum is to share ideas.

3. Be Honest, Fair, and as Candid as Possible: Put your interests forward, help others understand you and listen actively in order to understand others.

4. Avoid Editorials: It will be tempting to analyze the motives of others or offer editorial comments. Please talk about your own ideas and thoughts. Avoid commenting on why you believe another participant thinks something.

5. Honor Time, Be Concise and Share the Air: Help ensure an inclusive discussion by being cognizant of time constraints, stating your views clearly and concisely, and sharing the air so others can participate as well.

6. Think Innovatively and Welcome New Ideas: Creative thinking and problem solving are essential to success. “Climb out of the box” and attempt to think about the problem in a new way.

7. Invite Humor and Good Will: Don’t hesitate to bring levity and humor to the process when warranted.

Amendments

The WAC can recommend future changes to the charter. The Agency Board may amend the charter when needed using its decision-making procedure.

DRAFT

Wyandotte Creek Groundwater Sustainability Agency Agenda Transmittal

TO: **WYANDOTTE CREEK GSA BOARD OF DIRECTORS**

FROM: **KELLY PETERSON**

RE: **WYANDOTTE CREEK GSA ADVISORY COMMITTEE APPOINTMENT**

DATE: **1/28/21**

SUMMARY

The Wyandotte Creek GSA Advisory Committee (WAC) has received an application for an agricultural well-user representative and the Board will consider this appointment.

DISCUSSION

The Wyandotte Creek GSA Stakeholder Advisory Committee (WAC) is established through Section 11.3 of the Joint Powers Agreement (JPA) establishing the GSA and as further described in Appendix C of the JPA. The purpose of the WAC is to provide input and recommendations to the GSA Board of Directors concerning Groundwater Sustainability Plan development and implementation and on matters of policy affecting the GSA. The WAC held their first meeting in December 2020.

The WAC membership is currently:
- Cal Water Chico (1) – organizational appointment, filled
- South Feather Water and Power (1) - organizational appointment, filled

Additional Possible Seats:
- Agricultural well users (3) – Open, Board appointment
- Business association representative (1) – Open Board appointment
- Domestic well users (2) – Open Board appointment
- Environmental representative (1) - Open Board appointment
- Tribal Representative (Any) – Open, Organizational appointment

The open application period for the 7 at-large members on the WAC began in July 2019. Since then, notice of the open seats for all potential vacancies were provided on numerous occasions. Applications will continue to be accepted until all of the positions are filled.

FISCAL IMPACT

None

RECOMMENDATION

The Management Committee recommends that the Wyandotte Creek GSA Board appoint Duke Sherwood to serve on the Wyandotte Creek GSA Stakeholder Advisory Committee as an agricultural well owner representative with a term ending January 28, 2023.

ATTACHMENTS

Wyandotte Creek WAC application Duke Sherwood 1-28-21

Wyandotte Creek Groundwater Sustainability Agency
Advisory Committee Application

Date submitted: 1-12-2021

First and last name: Duke Sherwood

Address, phone number and email address: [redacted]

Describe how you meet eligibility (circle one): *Link to subbasin map*

- Resident living in the Wyandotte Creek subbasin
- Employed at an organization with a presence in Wyandotte Creek subbasin

Which at-large seat(s) are you applying for:
Applicant may select all that apply

- [x] Agricultural representative (3 seats available)
- [ ] Domestic well representative (2 seats available)
- [ ] Environmental representative (1 seat available)
- [ ] Business association representative (1 seat available)

1. **Describe how you will represent the interest group(s) indicated above and communicate with other members of these interest group(s):**
   I would represent the interestgroups in the Wyandotte Creek Subbasin with a common sense approach with good communication skills developed through my years of experiences.

2. **Current Occupation(s):** Sec/Treasurer Duke Sherwood Contracting Inc.,
   Within the last 12 months Cattle rancher, Walnut farmer

3. **Current License(s) and / or Certifications:**
   Professional or occupational, date of issues / expiration, including status
   Contractors License 327827 A General Engineering

4. **Relevant Education / Experience:**
   Applicant may attach resume containing this information and any other information that would be helpful to the Board in evaluating the application.
   As a General Engineer Contractor and Mine Operator we have experience dealing with the Regional Water Control Boards. I understand and use BMP (Best Management Practices) in our storm water related activities.

5. **Other Relevant Board(s) / Commission(s) / Committee(s) on which you serve / have served (paid or volunteer):** Current Committee member- Butte County Surface Mining Aggregate Operations Committee
Please list name of organization, title and date of service
Currently on Butte County Cattlemens Board of Directors, Past President of Butte County Cattlemens Assoc. multiple terms. Past Board member for Feather River Mens Center in Live Oak, Ca. which is a faith based alcohol and drug rehab program. Served from 2003 to 2007.

6. **Letters of Support:**
For at-large seats, applicants are encouraged to demonstrate support from local organizations and community groups engaged in issues related to the interest that the applicant seeks to represent (i.e. environmental, business, agriculture, rural communities) by attaching letters of support. Submission of letters of support are not required, but are encouraged in order to demonstrate the applicant's ability to represent the interests of the stakeholder seats for which they are complying. Please list the organization, author and date of the letters of support attached here:

7. **References**
List at least two personal and / or professional references. Provide the name, affiliation, title, phone number, and email address of each reference.

Steve Lambert Butte County Supervisor [redacted]

Bill Connelly Butte County Supervisor [redacted]

8. **Please explain your reasons for wishing to serve and, in your opinion, how you feel you can contribute to the Wyandotte Creek GSA Advisory Committee:**

I have always believed in community and being involved. I feel I can contribute on the advisory committee due to my years of experience in different industries.

NOTE: The Agency will keep all applications on file for one year from the date of receipt of the application.

Wyandotte Creek Groundwater Sustainability Agency Agenda Transmittal

Agenda Item: Agenda Item Number

Subject: Update on the Groundwater Sustainability Plan (GSP) for the Wyandotte Creek Subbasin

Contact: Paul Gosselin **Phone: 530-574-7443** **Meeting Date: January 28 2021** **Regular Agenda**

Summary: The development of the Groundwater Sustainability Plan (GSP) for the Wyandotte Creek subbasin remains on schedule. The Board will receive an overview of a draft Sustainable Management Criteria concept, Projects and Management Actions and Interbasin Coordination. The presentation given to the Advisory Committee is provided as background information.

Fiscal Impact: None

Staff Recommendation: None. Information only.

Wyandotte Creek
GROUNDWATER SUSTAINABILITY AGENCY

PROJECT MEETING
WYANDOTTE CREEK SUBBASIN
DEVELOPMENT OF SMCs
JANUARY 7, 2021

AGENDA

- INTRODUCTIONS
- OVERVIEW
- SMC STRAWMAN OVERVIEW
- SMC STRAWMAN DETAILS
- OTHER

OVERVIEW

BASIC CONCEPTS FOR DEVELOPING SUSTAINABILITY CRITERIA

Sustainable management is the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing ***undesirable results***.

Undesirable results occur when conditions related to one or more sustainability indicators cause significant and unreasonable impacts.

SGMA and subsequent DWR guidance have left it to the GSAs to define what constitute significant and unreasonable impacts.

SUSTAINABLE MANAGEMENT CRITERIA (SMC)

For each undesirable result, SMC must be defined that include:

1. **Description of Undesirable Results** – what constitutes a "significant and unreasonable" condition
2. **Minimum Threshold** – Quantitative definition of groundwater conditions at a representative monitoring site at which undesirable results may begin to occur
3. **Measurable Objective** – quantitative definition that reflect the basin's desired groundwater condition and allows the GSA to achieve sustainability goals within 20 years.

UNDESIRABLE RESULTS

Six Undesirable results are defined in SGMA

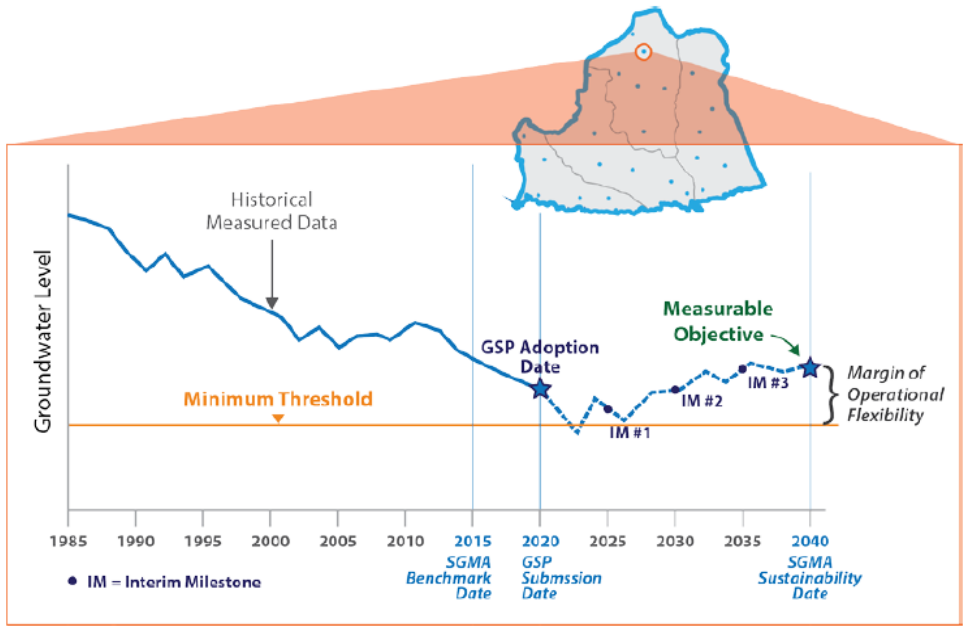
1. Chronic lowering of groundwater levels
2. Reduction of groundwater storage
3. Seawater intrusion
4. Degraded water quality
5. Land subsidence
6. Depletions of interconnected surface water

Sustainable Management Criteria and associated representative monitoring locations must be developed for each undesirable result.

OTHER DEFINITIONS FOR SGMA GSP DEVELOPMENT

- **Management Areas -** Sub-regions within the basin that differ from the basin at large due to local conditions. They are the geographic area(s) over which the significant and unreasonable impacts will be evaluated.
- **Representative Monitoring Sites** – A subset of a basin's complete monitoring network, where sustainable management criteria are set and measured
- **Margin of Operational Flexibility -** the "space" between the measurable objective and the minimum threshold
- **Interim Milestones :** 5 year targets for the Measurable Objective

RELATIONSHIP BETWEEN MINIMUM THRESHOLDS, MEASURABLE OBJECTIVES, INTERIM MILESTONES (IM), AND MARGIN OF OPERATIONAL FLEXIBILITY FOR A REPRESENTATIVE MONITORING SITE



- January 7, 2020 – Draft SMC Presentation
- January 19, 2020 – Continue Discussion of SMCs
- February 4, 2020 – Wyandotte Creek GSA Board Workshop – SMCs
- February 11, 2020 – Start of 30-Day Public Review of SMCs
- March 11, 2020 – Discuss SMC Public Comments

SCHEDULE - SMCS

SMC STRAWMAN OVERVIEW

OBJECTIVES OF STRAWMAN DISCUSSION

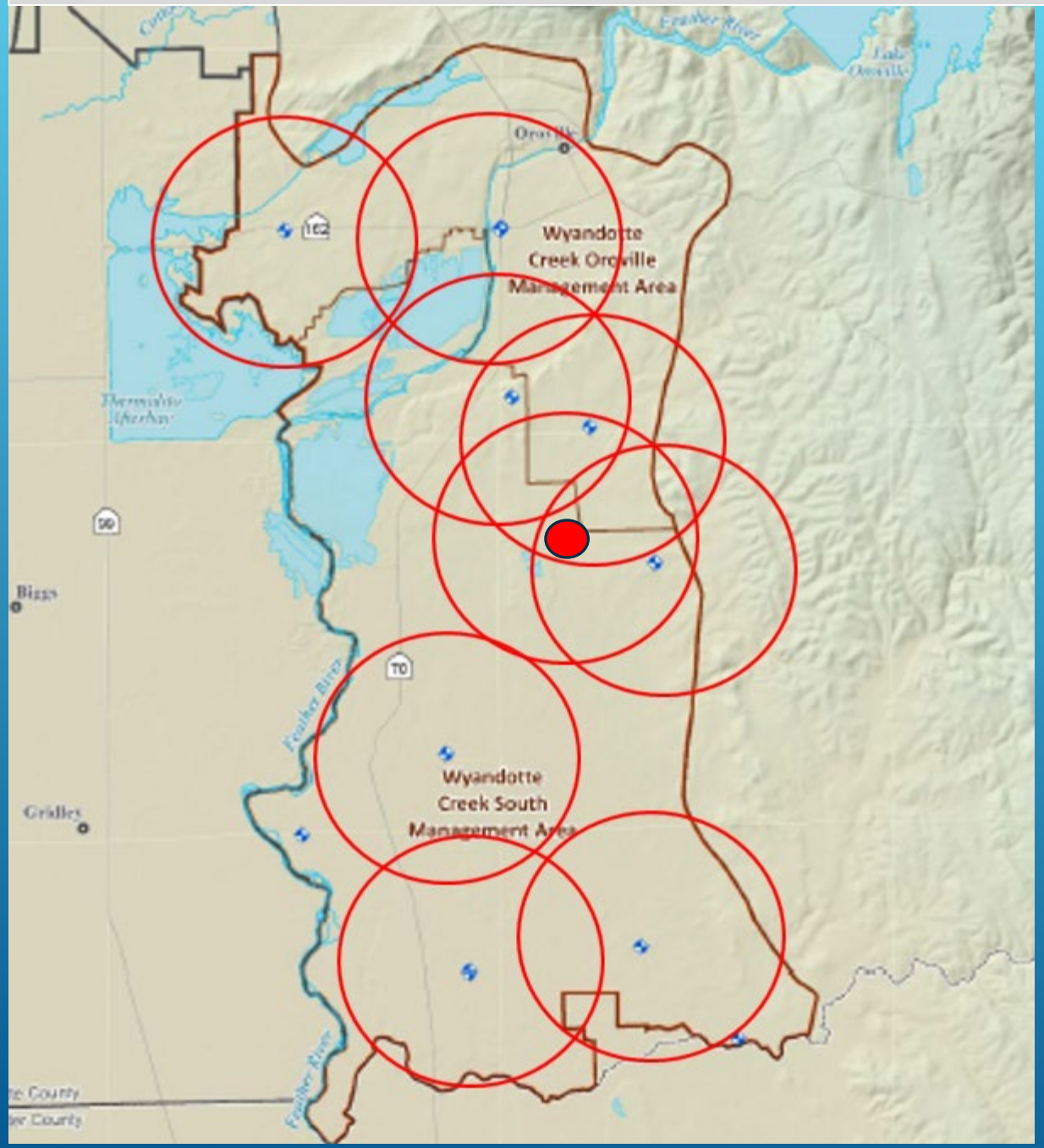
- Discuss potential wording and quantitative measures to include in the sustainable management criteria
- Discuss technical background or monitoring implications related to each sustainable management criteria definition as necessary
- Consider how or whether criteria may differ between areas
- Discuss and identify specific analysis or further refinement that would be necessary to prepare a draft SMC section for approval and incorporation into the Draft GSP

CHRONIC LOWERING OF GROUNDWATER LEVELS

CHRONIC LOWERING OF GROUNDWATER LEVELS

Undesirable Results and Sustainability Criteria	
Undesirable Result Statement	• GW Levels are unable to satisfy beneficial uses over a sustained period. Specific examples of undesirable results include domestic wells going dry, reduction in pumping capacity, Increase in pumping costs, Potential impacts to GDEs
Minimum Threshold (onset of undesirable result) and Measurable Objective (desired condition)	• Minimum Threshold – Fall (Sept/Oct) GW level is above the 15th Percentile of all domestic well depths in a given area or sub-area. This means 85% of all domestic wells are completed below the minimum threshold and will be "protected" • Measurable Objective – Fall 2015 groundwater level (or modeled 2015 groundwater level if no data are available). This means dry cycle minimums are no worse than 1993-2015 minimums.
Quantitative definition of significant and unreasonable impact	• 25 % of representative monitoring wells fall below minimum threshold for 2 consecutive years

4 Mile Radius around Proposed RMS Locations

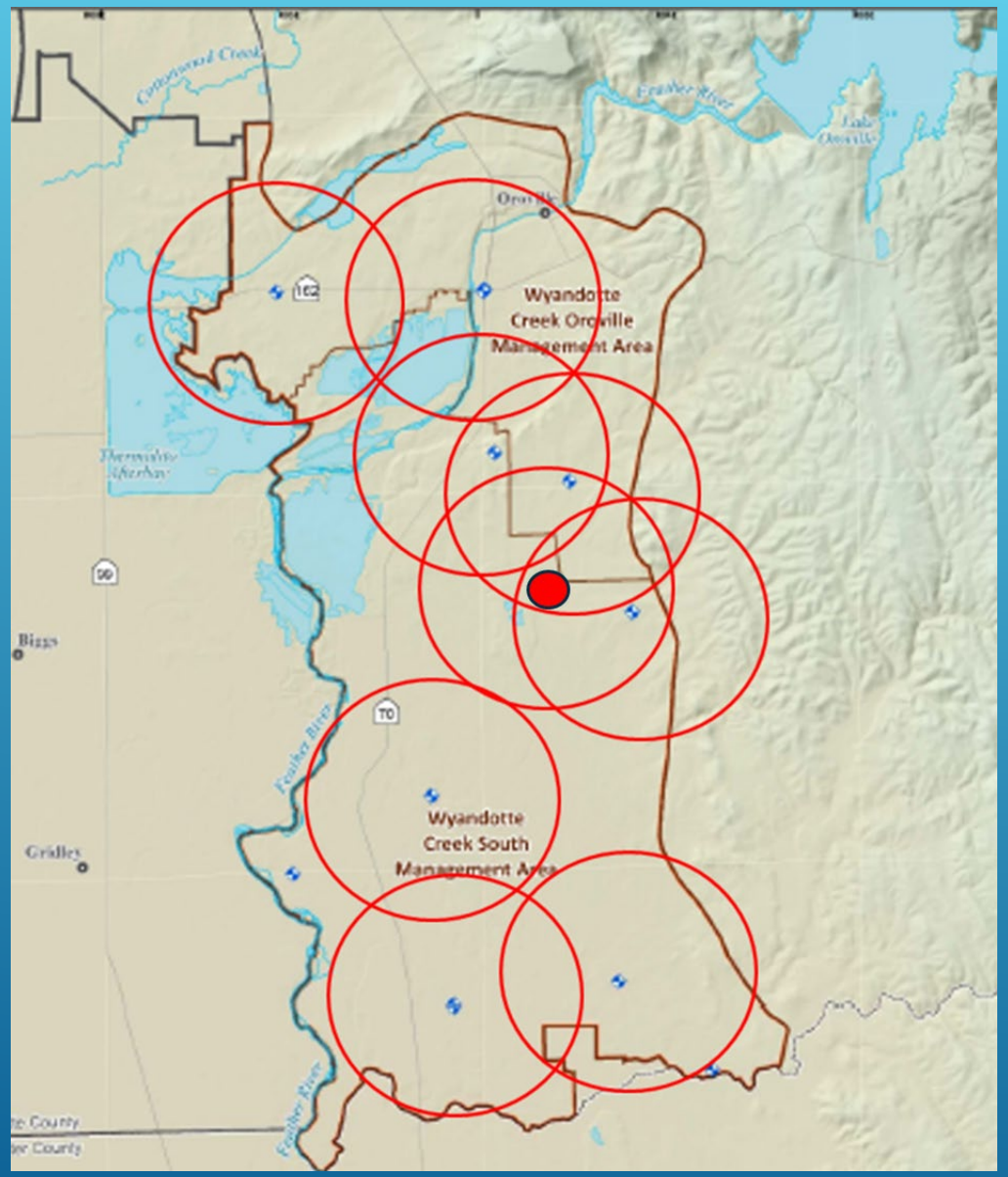


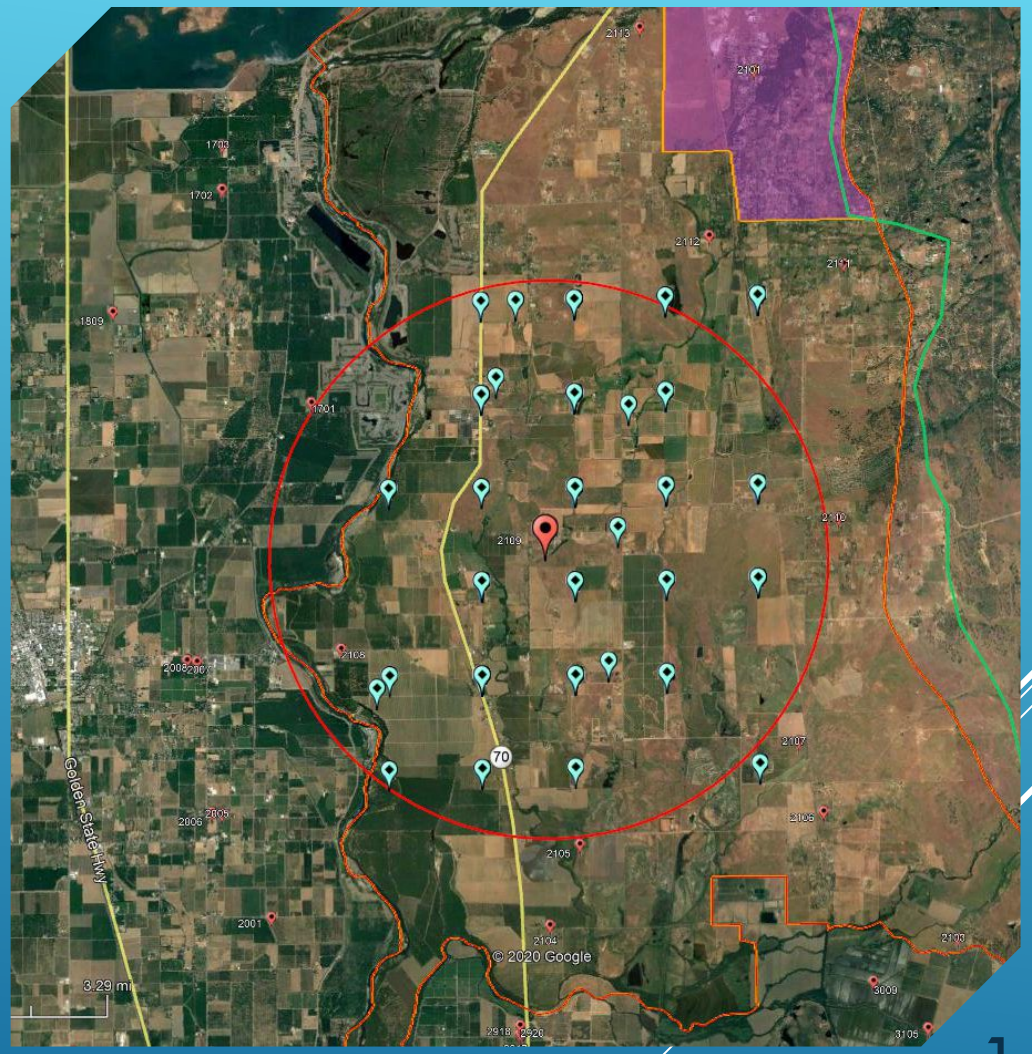
1. Identify representative radius around proposed monitoring locations (RMS Wells).
2. Compile well depths within that radius and analyze completion elevations statistically
3. Minimum Threshold based on "acceptable" number of wells that could go dry because of declining water levels

PROCESS FOR ESTABLISHING MINIMUM THRESHOLD (MT)

14

Example wells within radius for one RMS location





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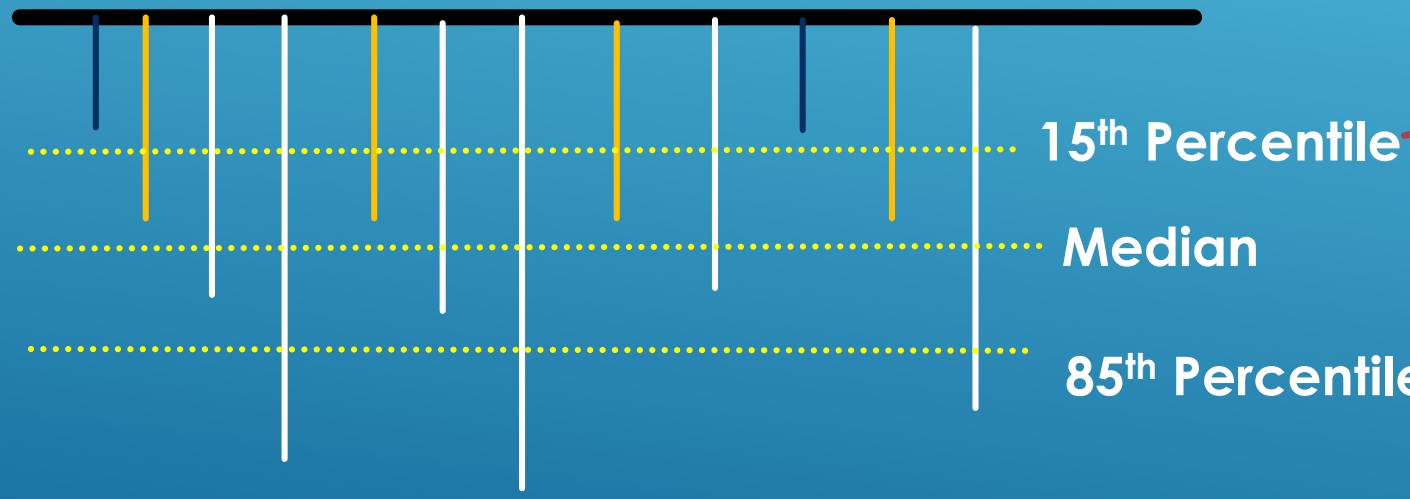
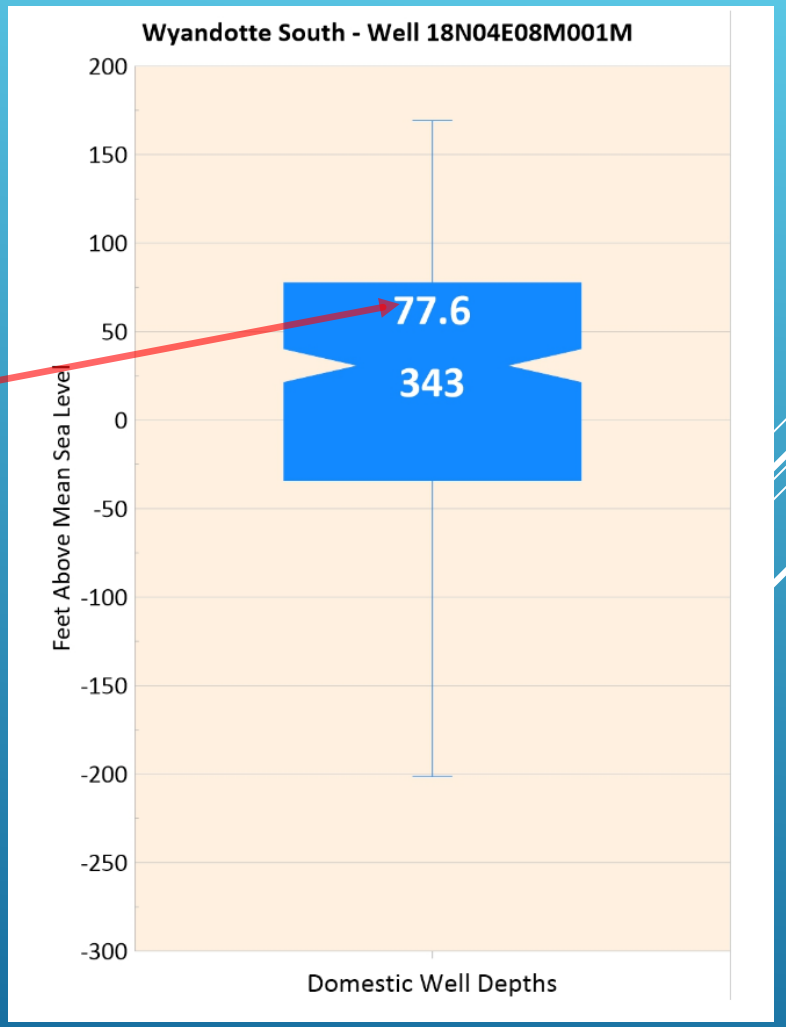
BOX & WHISKERS PROCESS

BOX AND WHISKERS PLOT IS A RANK-ORDER ANALYSIS OF ALL WELL DEPTHS

Well Depths in area of interest

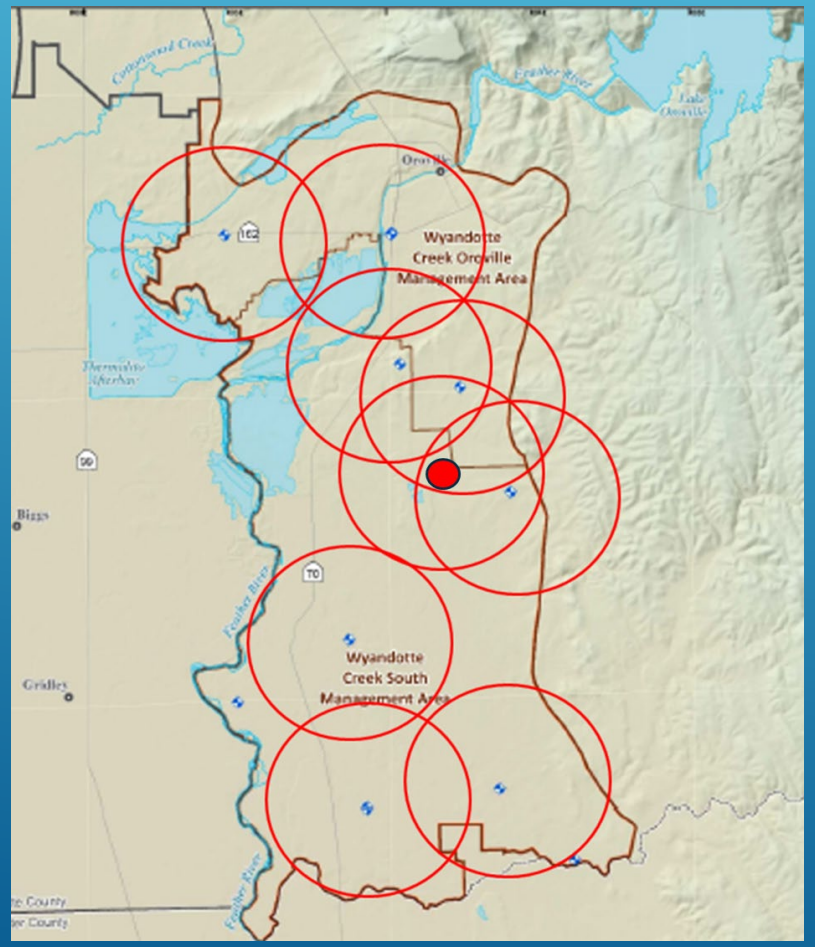


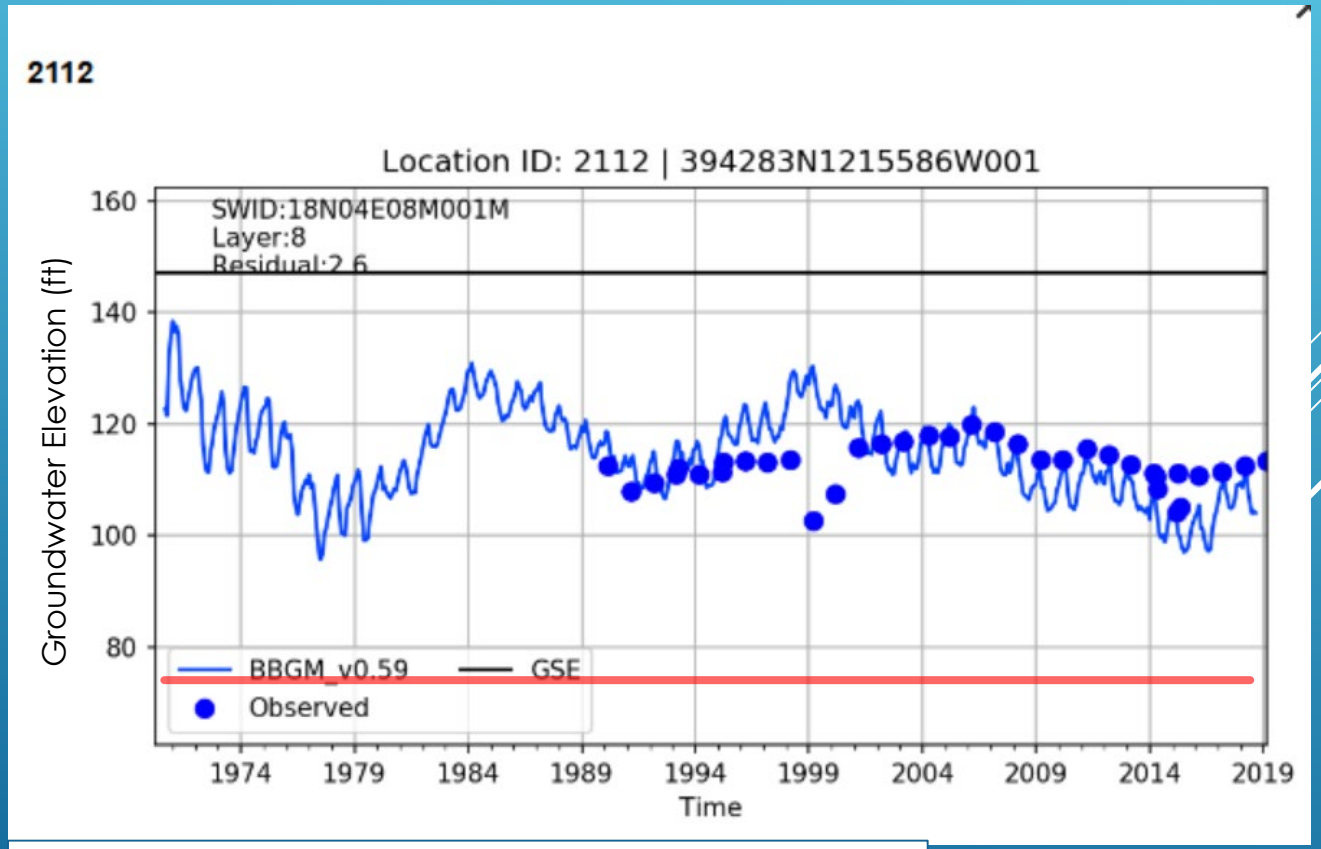


15th percentile depth means 85% of wells are completed below this depth and "protected" by the minimum threshold.

SUMMARY : DOMESTIC WELL DEPTHS SET THE MINIMUM THRESHOLD

CHRONIC LOWERING OF GROUNDWATER LEVELS

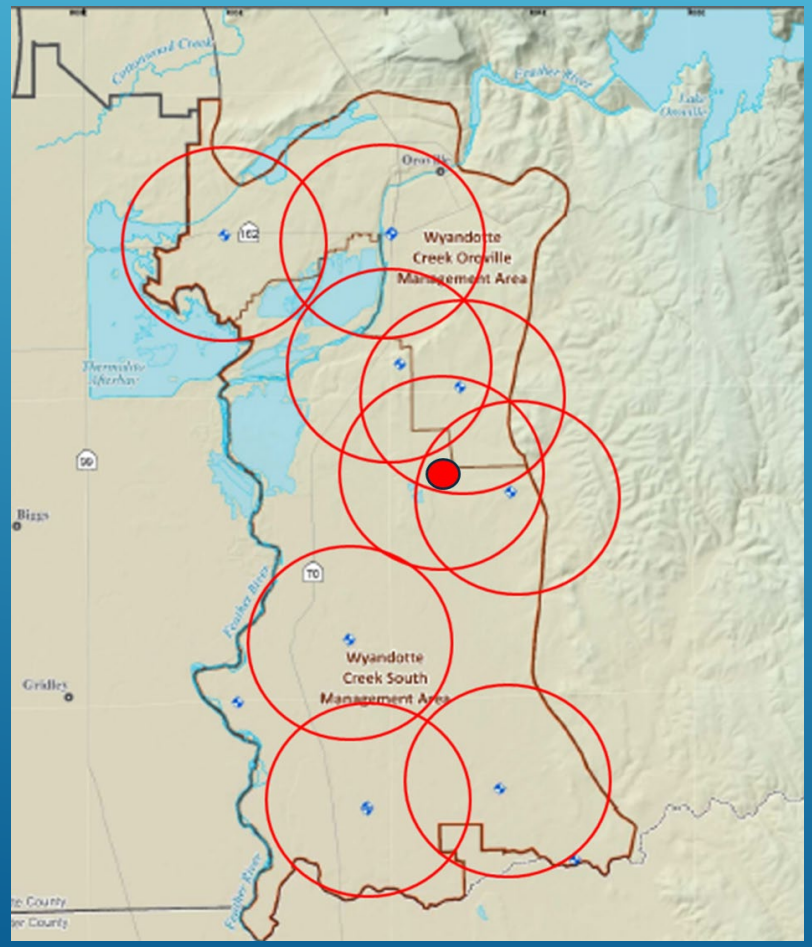


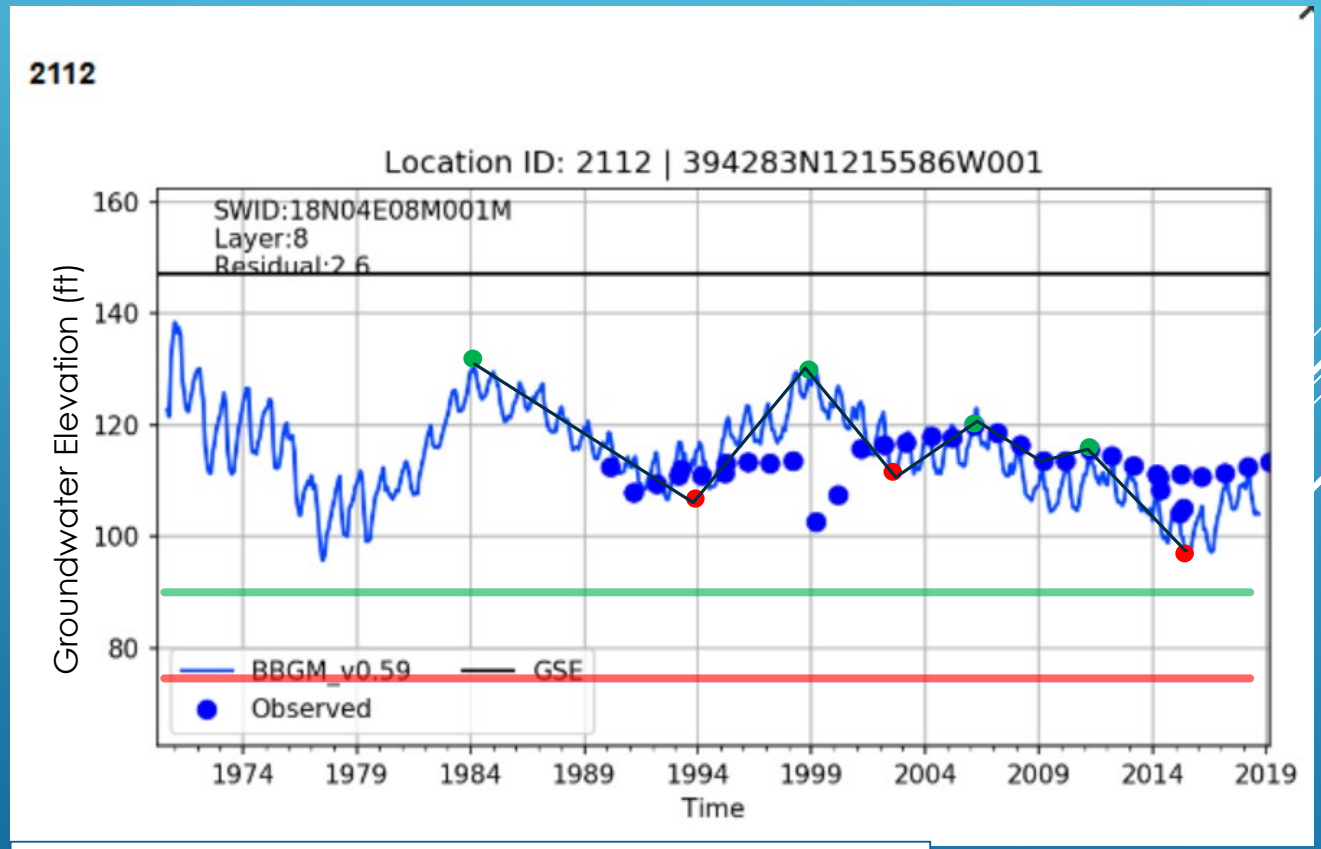


Observed and Model water levels
Note : Lower elevation = deeper depth

ESTABLISHING A MEASURABLE OBJECTIVE WITH PERIODIC WATER LEVEL DECLINE

CHRONIC LOWERING OF GROUNDWATER LEVELS





Observed and Model water levels
Note : Lower elevation = deeper depth

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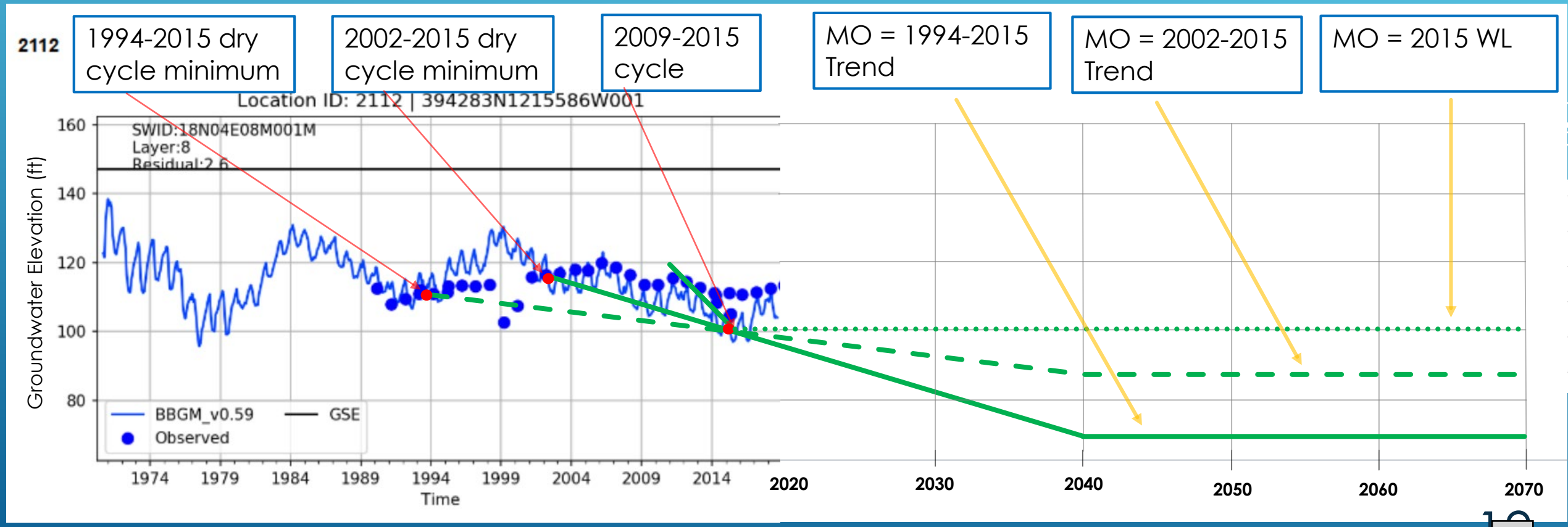

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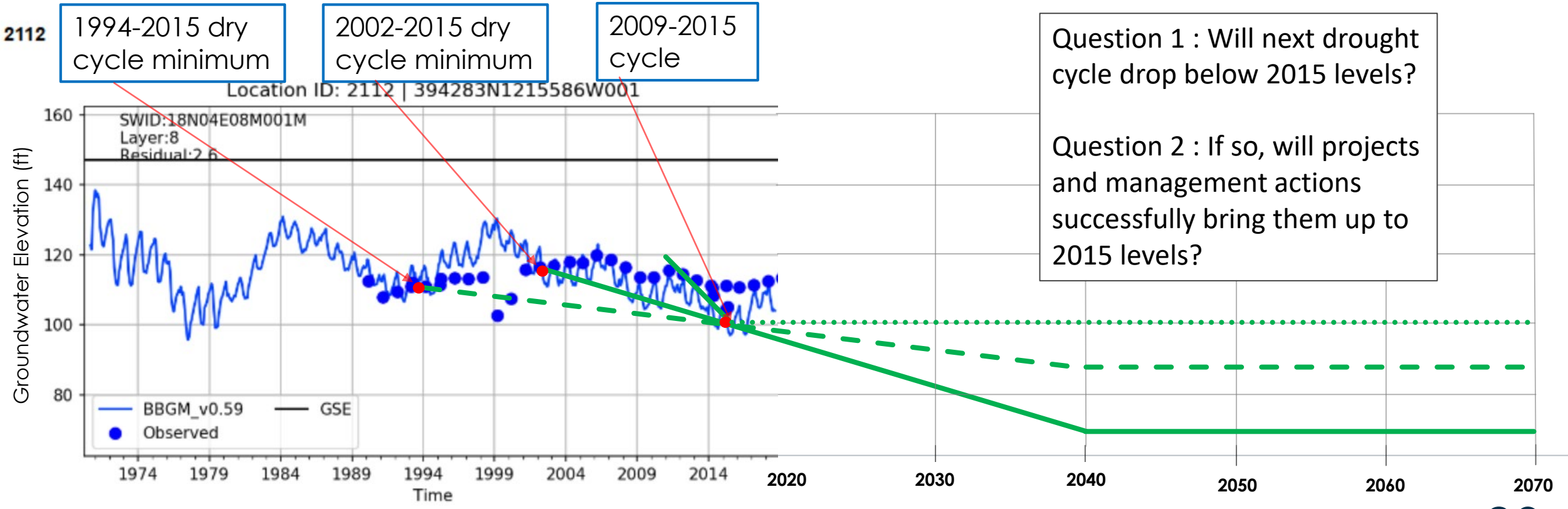
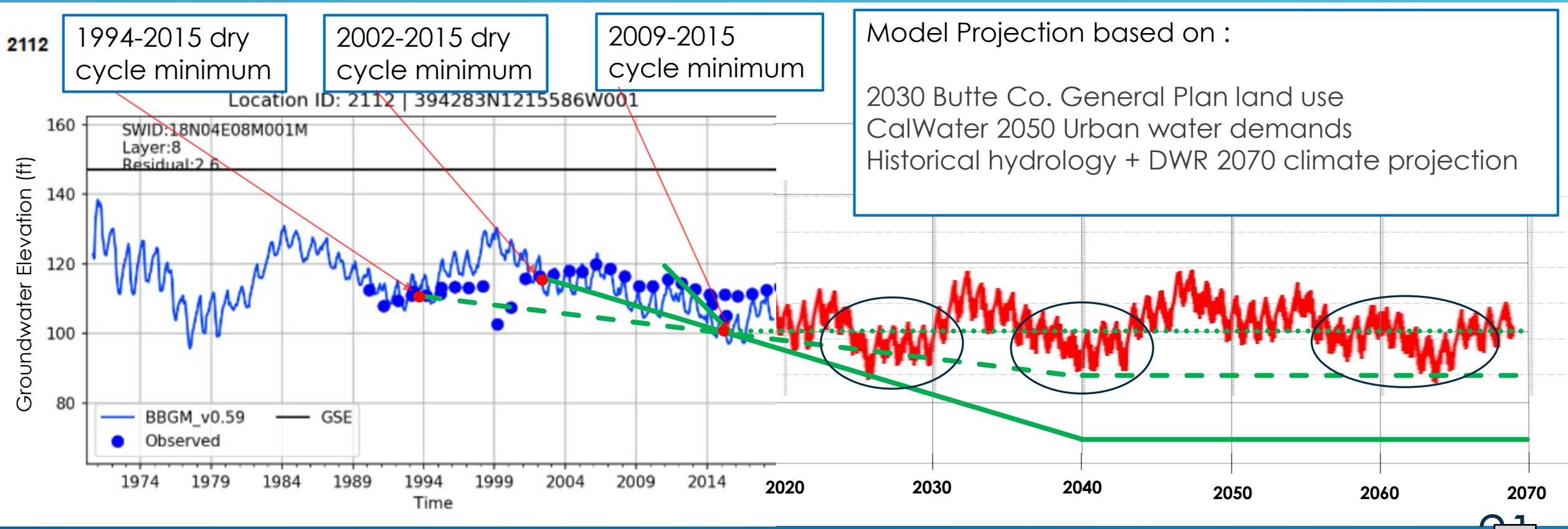


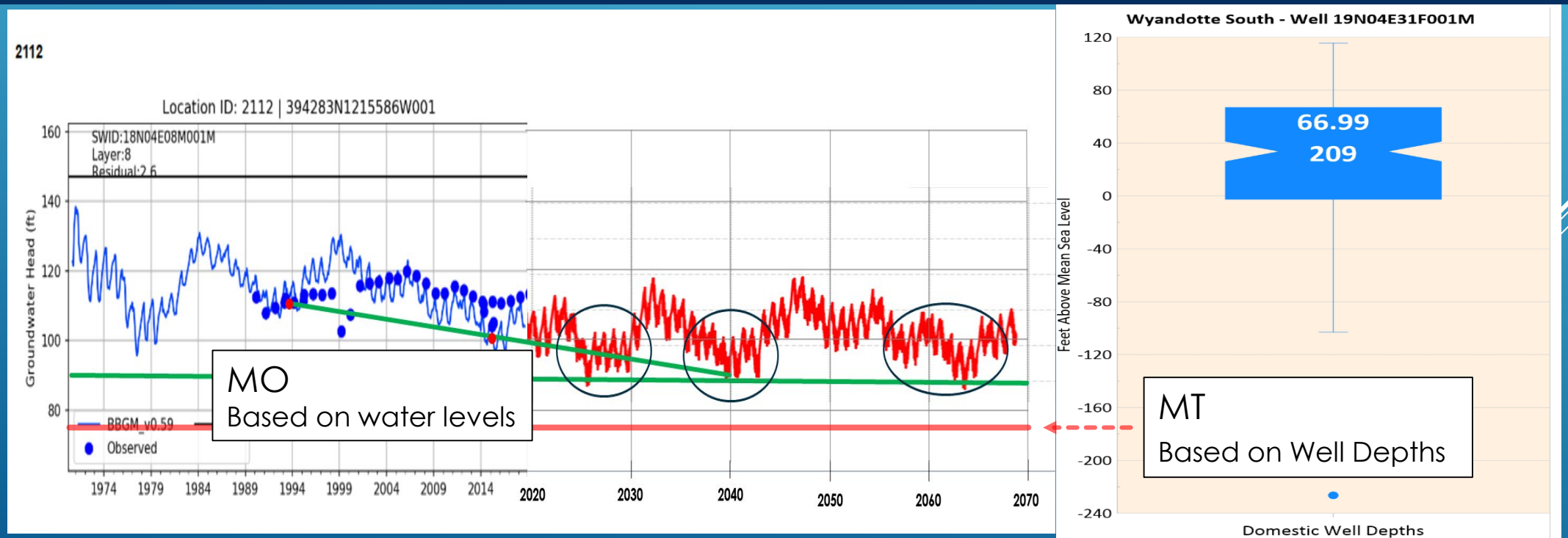
ESTABLISHING A MEASURABLE OBJECTIVE WITH PERIODIC WATER LEVEL DECLINE

CHRONIC LOWERING OF GROUNDWATER LEVELS



SUMMARY EXAMPLE SMC
CHRONIC LOWERING OF GROUNDWATER LEVELS

Minimum Threshold : Minimize impact to domestic wells
15th Percentile Domestic Well depth = 84 Ft MSL
Measurable Objective : Dry-cycle min. no worse than 1993-2015 min.
Fall 2015 – 93 Ft MSL



CHRONIC LOWERING OF GROUNDWATER LEVELS

Undesirable Results and Sustainability Criteria	
Undesirable Result Statement	• GW Levels are unable to satisfy beneficial uses over a sustained period. Specific examples of undesirable results include domestic wells going dry, reduction in pumping capacity, Increase in pumping costs, Potential impacts to GDEs
Minimum Threshold (onset of undesirable result) and Measurable Objective (desired condition)	• Minimum Threshold – Fall (Sept/Oct) GW level is above the 15th Percentile of all domestic well depths in a given area or sub-area. This means 85% of all domestic wells are completed below the minimum threshold and "will be protected" • Measurable Objective – Fall 2015 groundwater level (or modeled 2015 groundwater level if no data are available). Dry cycle minimums are no worse than 1993-2015 minimums.
Quantitative definition of significant and unreasonable impact	• 25 % of representative monitoring wells fall below minimum threshold for 2 consecutive years • 25% = 3 wells assuming current 13 well monitoring network

REDUCTION IN AQUIFER STORAGE

GW LEVEL IS A PROXY FOR AQUIFER STORAGE AND SMC SHOULD MIMIC GW LEVEL SMC

REDUCTION IN AQUIFER STORAGE

Undesirable Results and Sustainability Criteria	
Undesirable Result Statement	• Total groundwater storage volume is insufficient to satisfy beneficial uses. • Groundwater level will be used as a proxy for aquifer storage (i.e. groundwater storage will not be calculated explicitly)
Minimum Threshold (onset of undesirable result) and Measurable Objective (desired condition)	• Minimum Threshold – Fall (Sept/Oct) GW level is above the 15th Percentile of all domestic well depths in a given area or sub-area. This means 85% of all domestic wells are completed below the minimum threshold "will be protected" • Measurable Objective – Fall 2015 groundwater level (or modeled 2015 groundwater level if no data are available). Dry cycle minimums are no worse than 1993-2015 minimums.
Quantitative definition of significant and unreasonable impact	• 25 % of representative monitoring wells fall below minimum threshold for 2 consecutive years

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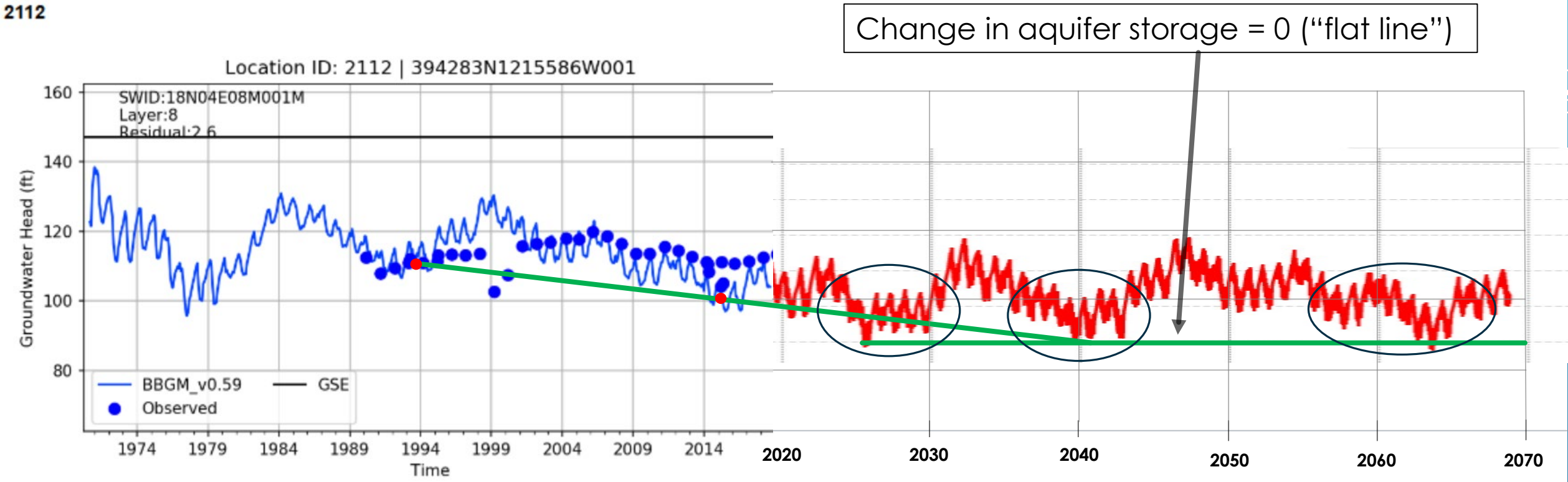
MEASURABLE OBJECTIVE WITH PERIODIC WATER LEVEL DECLINE

AQUIFER STORAGE DECLINE

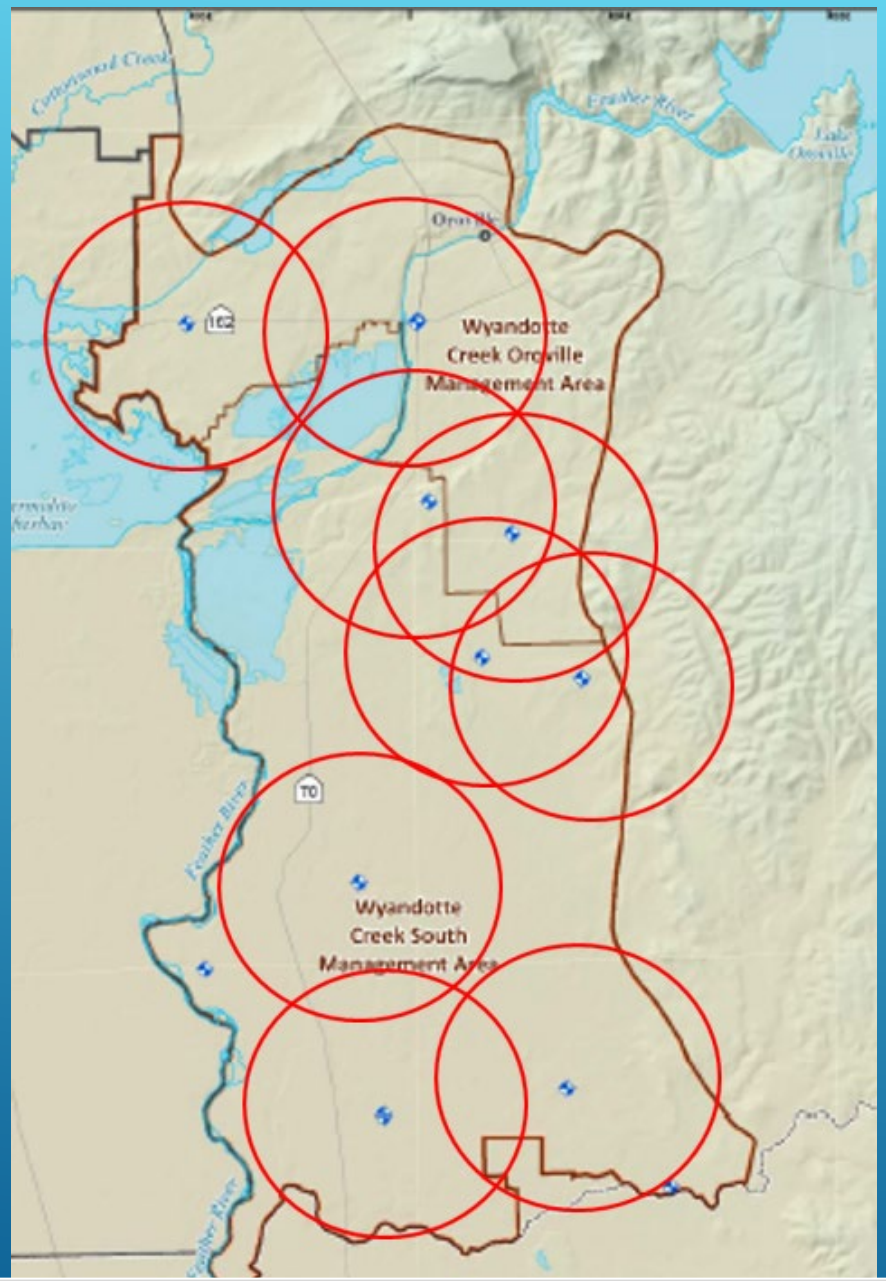


SUBSIDENCE

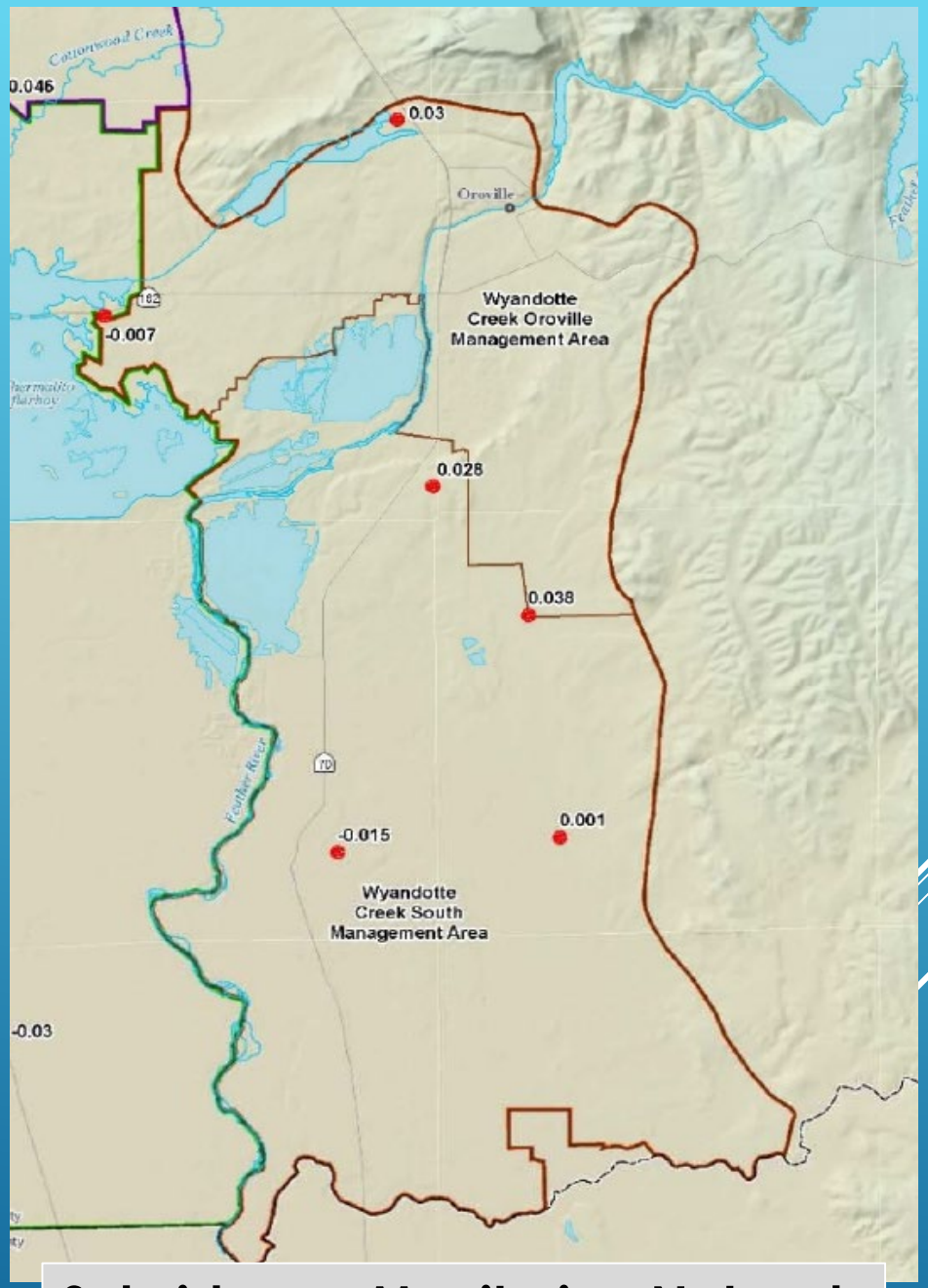
GW LEVEL IS A PROXY FOR AQUIFER STORAGE AND SMC SHOULD MIMIC GW LEVEL SMC

GROUND SUBSIDENCE

Undesirable Results and Sustainability Criteria	
Undesirable Result Statement	• Ground subsidence that results from groundwater pumping creates a safety hazard to critical infrastructure or property. • Other programs and agencies are responsible for enforcing ground engineering requirements for critical infrastructure. GSA will coordinate with other agencies if subsidence is associated with groundwater pumping • Groundwater levels will be used as a proxy for ground subsidence
Minimum Threshold (onset of undesirable result) and Measurable Objective (desired condition)	• Minimum Threshold – Fall (Sept/Oct) GW level is above the 15th Percentile of all domestic well depths in a given area or sub-area. This means 85% of all domestic wells are completed below the minimum threshold and "will be protective" • Fall 2015 groundwater level (or modeled 2015 groundwater level if no data are available). Dry cycle minimums are no worse than 1993-2015 minimums.
Quantitative definition of significant and unreasonable impact	• A subsidence rate of more than 0.2 feet per year for a 10-year period that is directly related to groundwater pumping and within 2,000 feet of critical infrastructure, including roads, railways, pipelines, water conveyance systems, hospitals or other critical facilities.



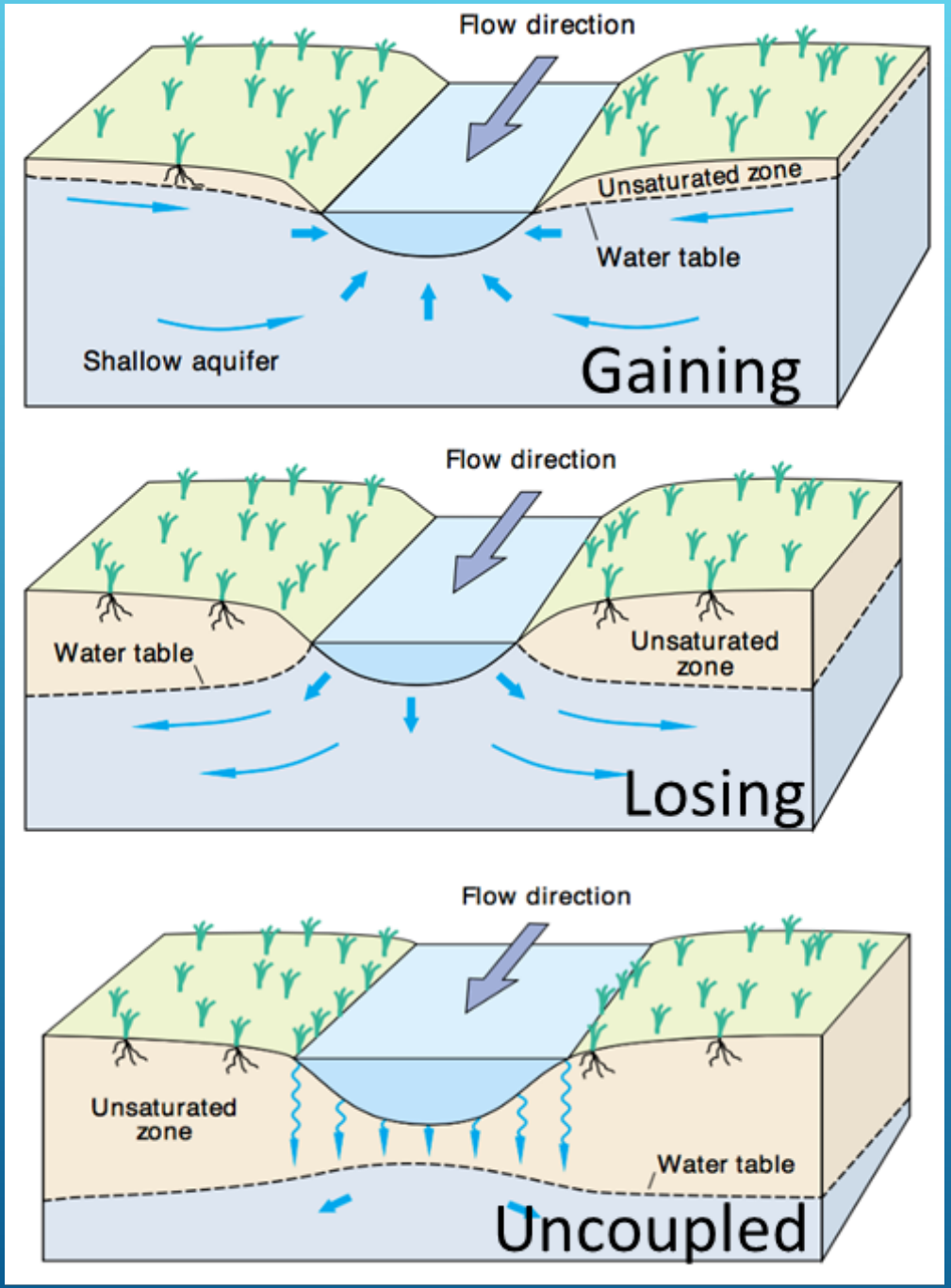
Groundwater Monitoring Network

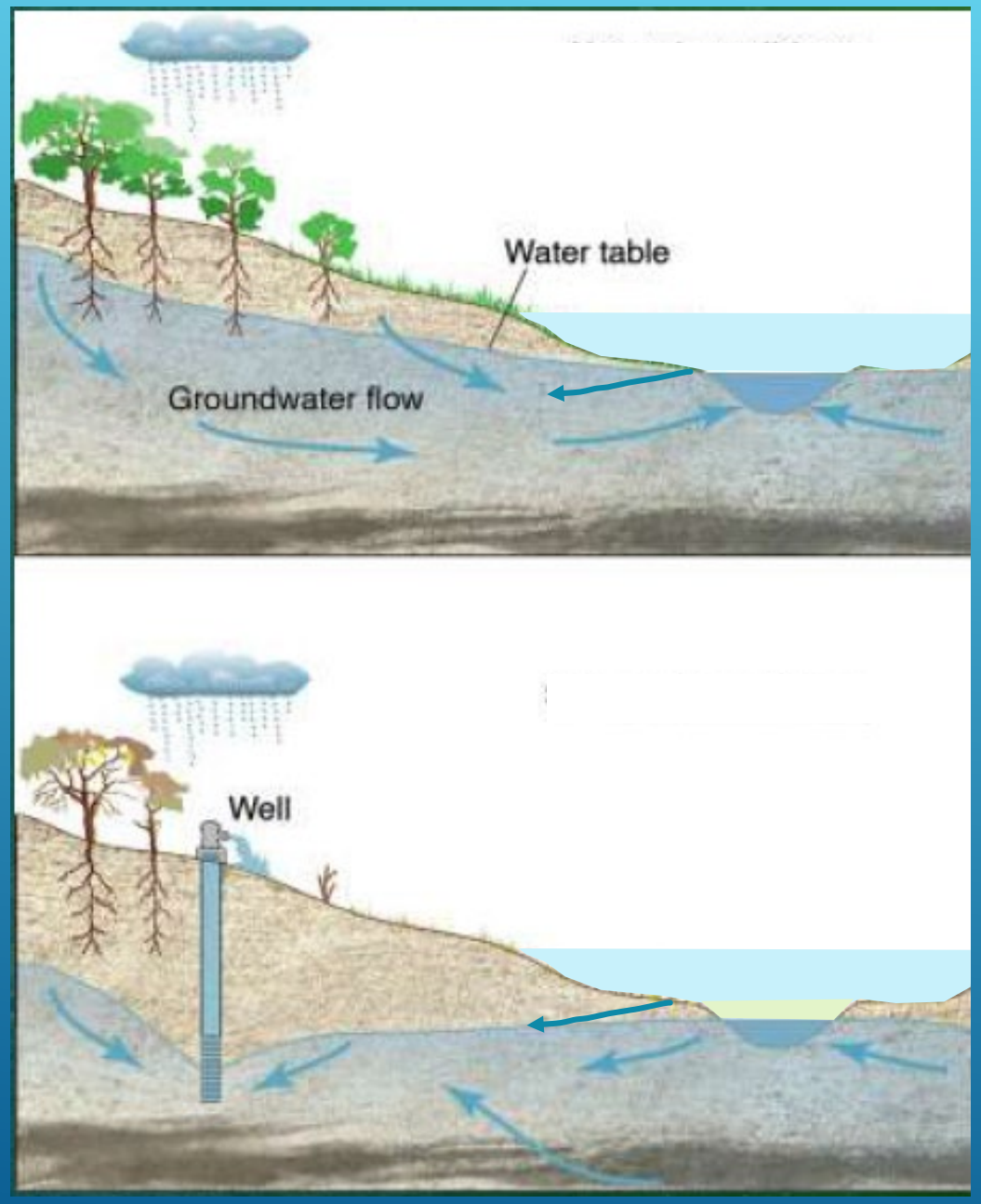


Subsidence Monitoring Network

DEPLETION OF INTERCONNECTED SURFACE WATER

MODES OF STREAM-AQUIFER INTERACTION





GROUNDWATER DEPENDENT ECOSYSTEM (GDE)

UNDESIRABLE RESULT :

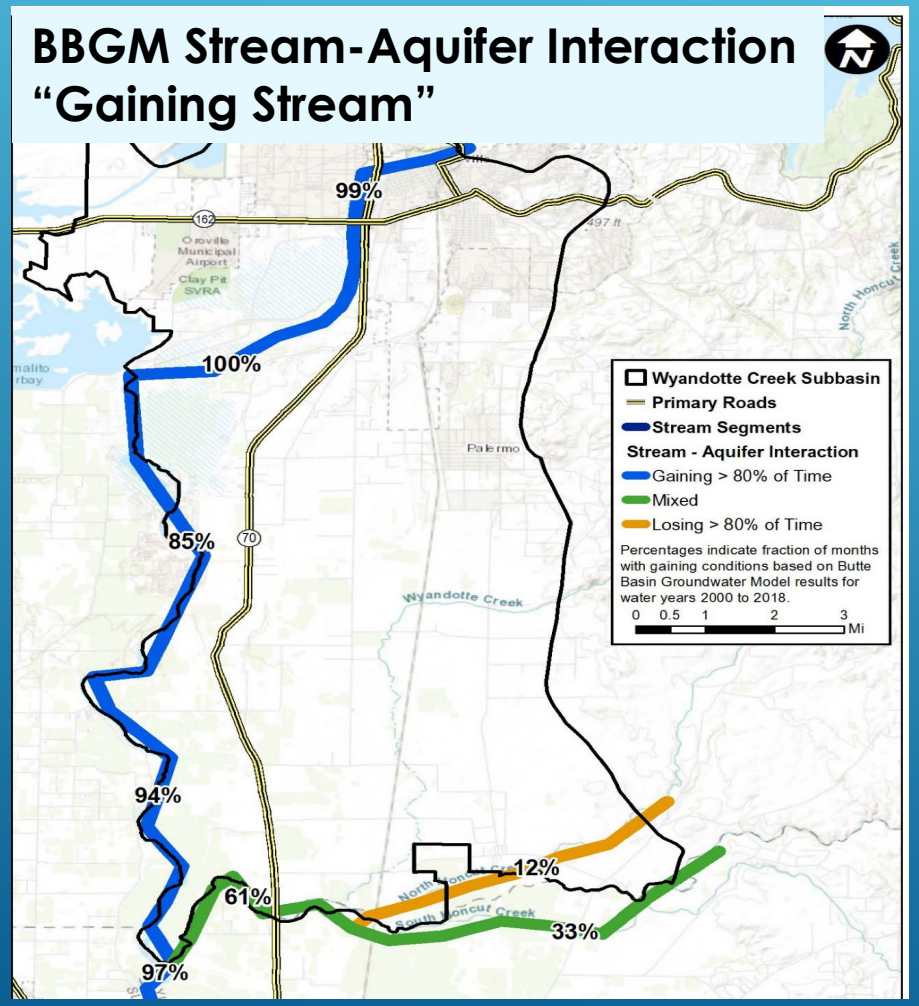
LOWERED WATER TABLE AND/OR REDUCED STREAMFLOW FROM PUMPING THAT IMPACTS GDE'S

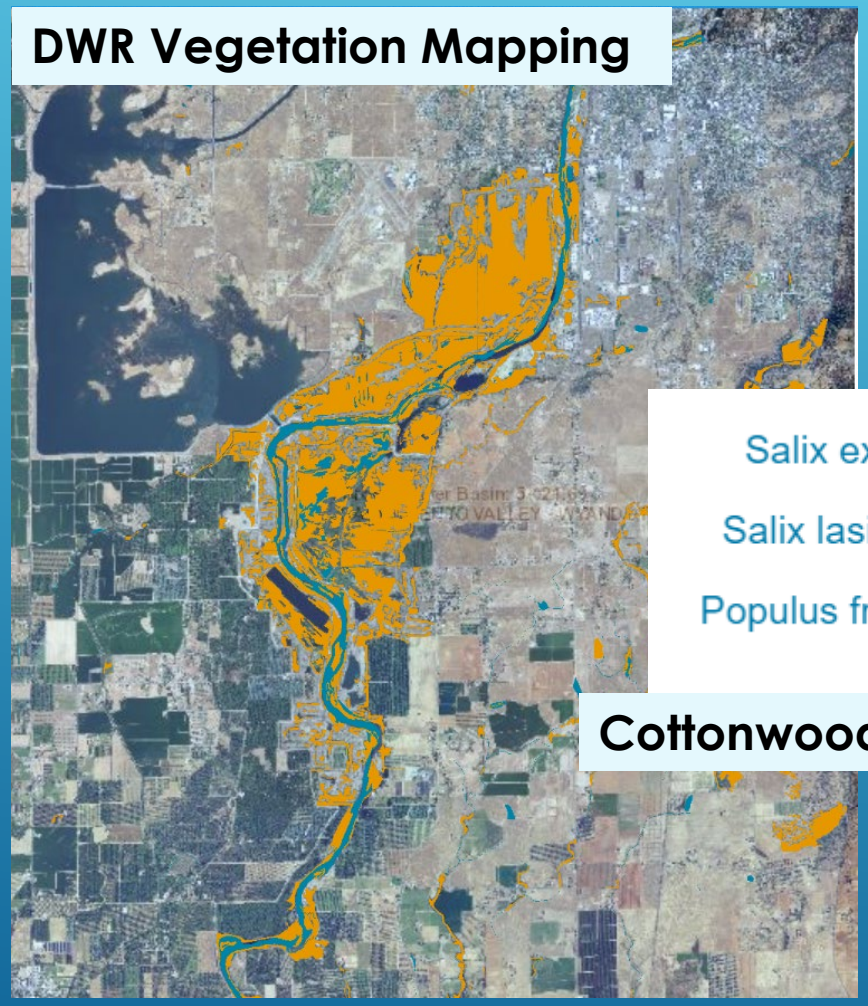
DEPLETION OF INTERCONNECTED SURFACE WATER

DATA GAP

Undesirable Results and Sustainability Criteria	
Undesirable Result Statement	• Surface water depletion caused by groundwater pumping prevents beneficial uses over a sustained period. This includes environmental beneficial uses in natural stream channels that supports a viable ecosystem, particularly ecosystems containing endangered species. • Groundwater levels in shallow wells adjacent natural stream channels will be used as proxy for depletion. • Representative monitoring locations must be within a shallow aquifer that is known to be hydraulically connected to a natural stream channel
Minimum Threshold (onset of undesirable result) and Measurable Objective (desired condition)	• Minimum Threshold – Groundwater levels lower than 5 feet below the base of the stream channel during September for two consecutive years. • Fall 2015 groundwater level in shallow aquifer (or modeled 2015 groundwater level if no data are available). Dry cycle minimums are no worse than 1993-2015 minimums.
Quantitative definition of significant and unreasonable impact	• 25 % of representative monitoring locations fall below minimum threshold for 2 consecutive years

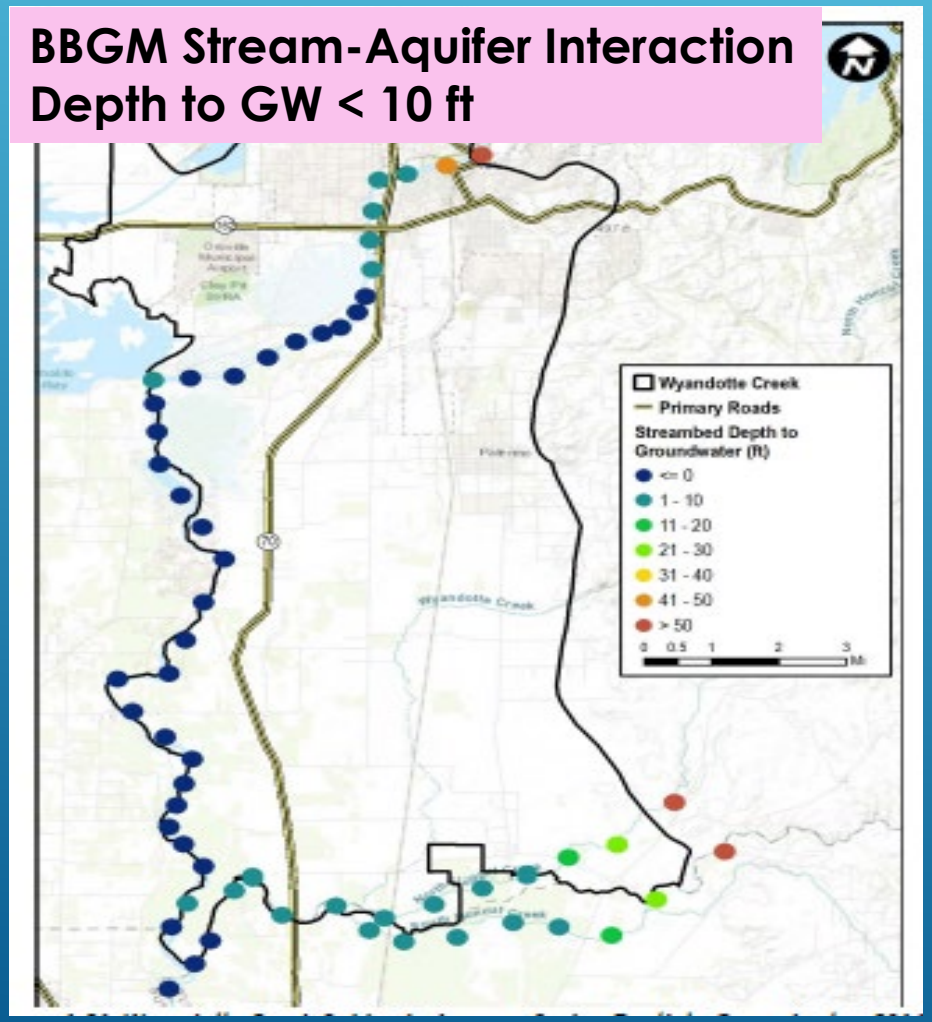
GDE'S AND MODELED STREAM/AQUIFER INTERACTION – FEATHER RIVER



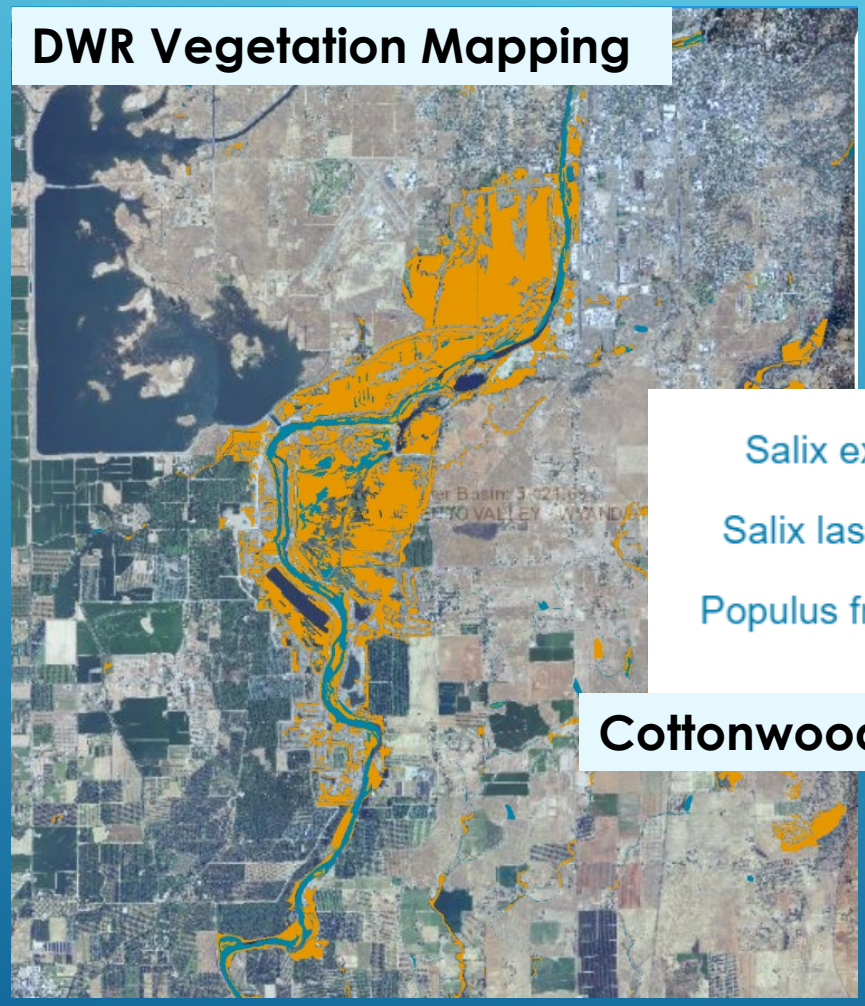


GDE'S AND MODELED STREAM/AQUIFER INTERACTION – FEATHER RIVER

BBGM Stream-Aquifer Interaction
Depth to GW < 10 ft



DWR Vegetation Mapping



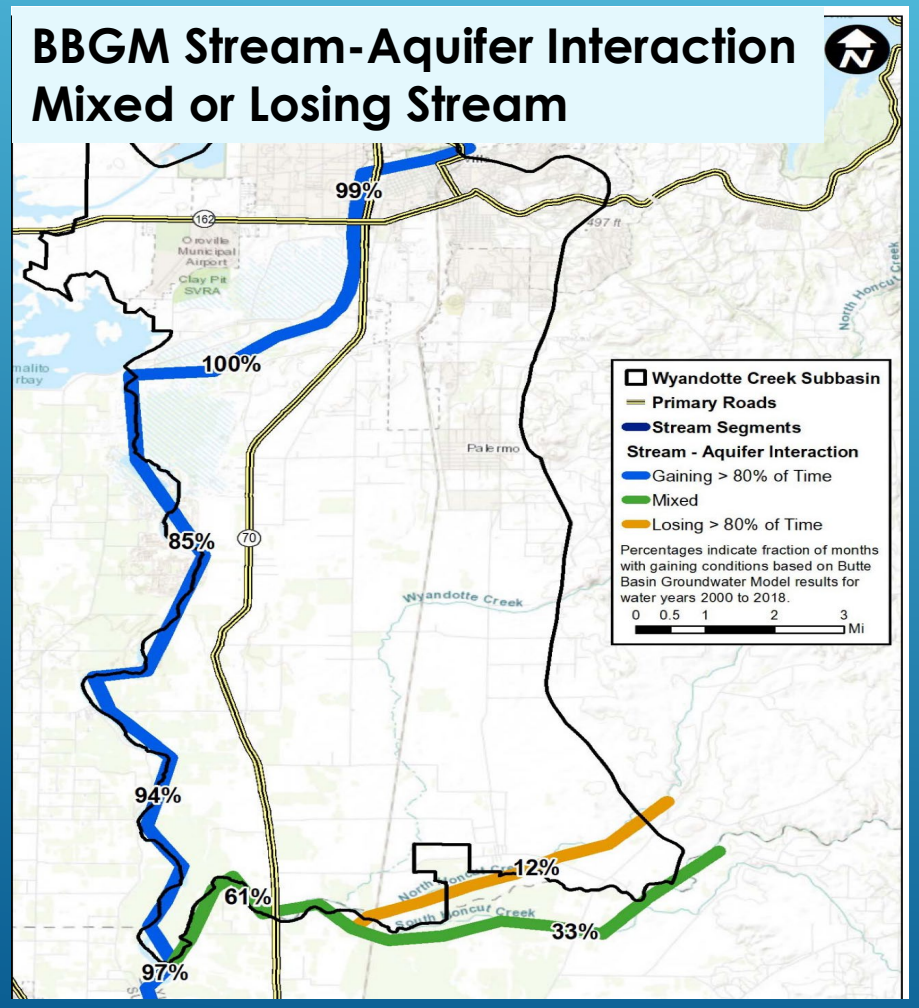
Salix exigua

Salix lasiolepis

Populus fremontii

Cottonwood & Willow

GDE'S AND MODELED STREAM/AQUIFER INTERACTION – HONCUT CREEK



DWR Vegetation Mapping

Salix gooddingii

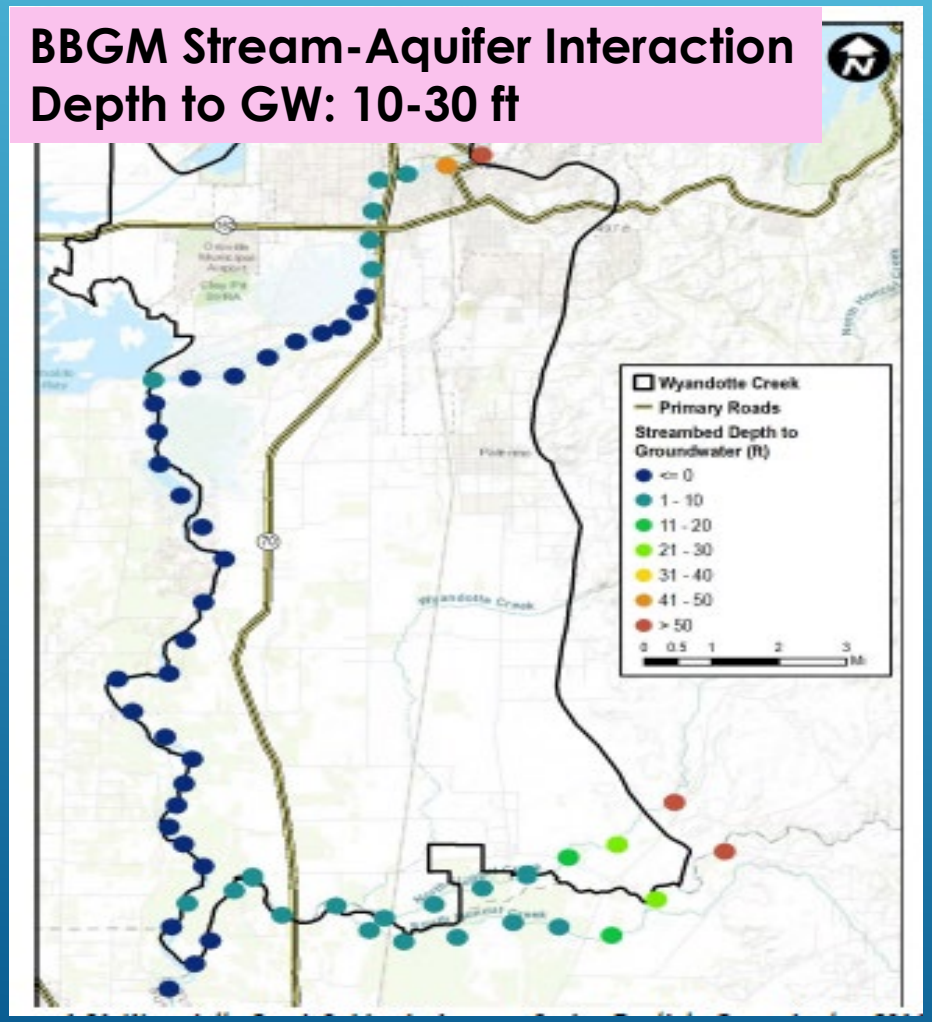
Quercus lobata

Quercus lobata

Willow & Valley Oak

GDE'S AND MODELED STREAM/AQUIFER INTERACTION – HONCUT CREEK

BBGM Stream-Aquifer Interaction
Depth to GW: 10-30 ft



DWR Vegetation Mapping

Salix gooddingii

Quercus lobata

Quercus lobata

Willow & Valley Oak

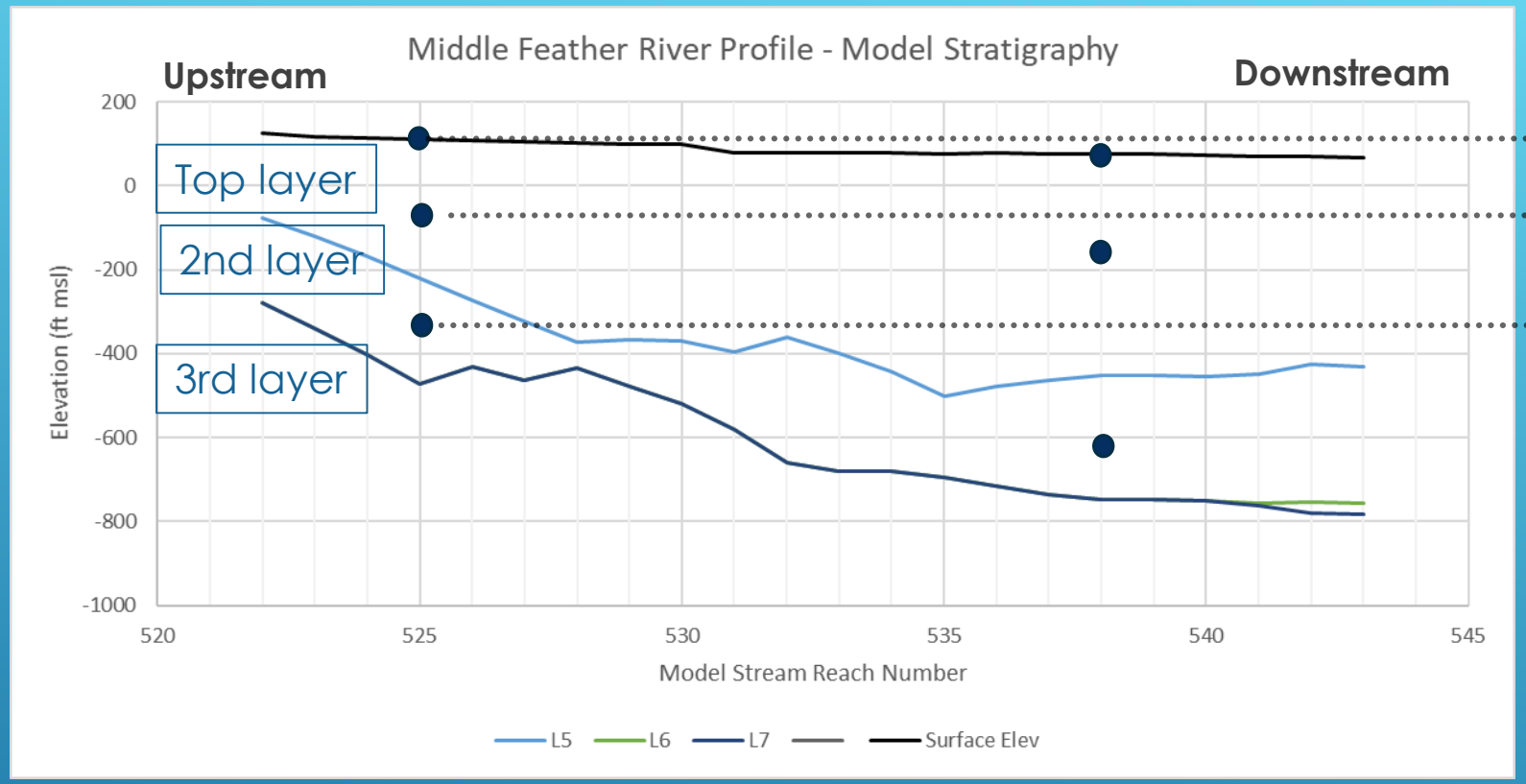
SMC FOR STREAM DEPLETION

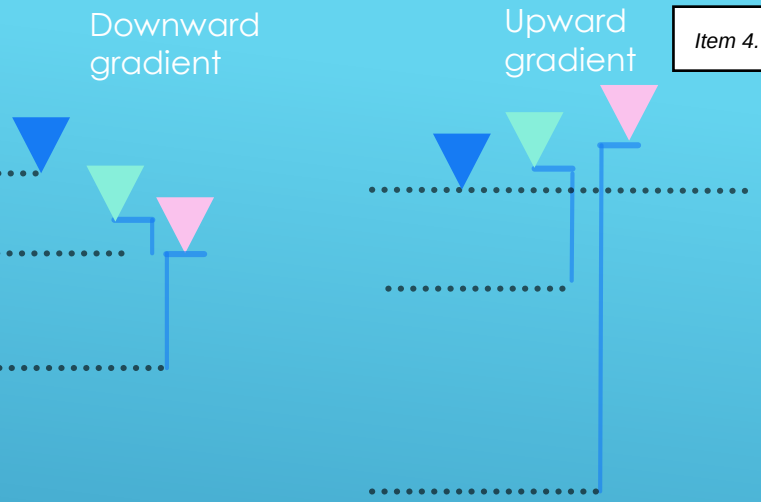
If groundwater levels in shallow wells adjacent natural stream channels are used as proxy for depletion, there are data gaps to defining and monitoring measurable objectives.

We have little to no data to analyze:

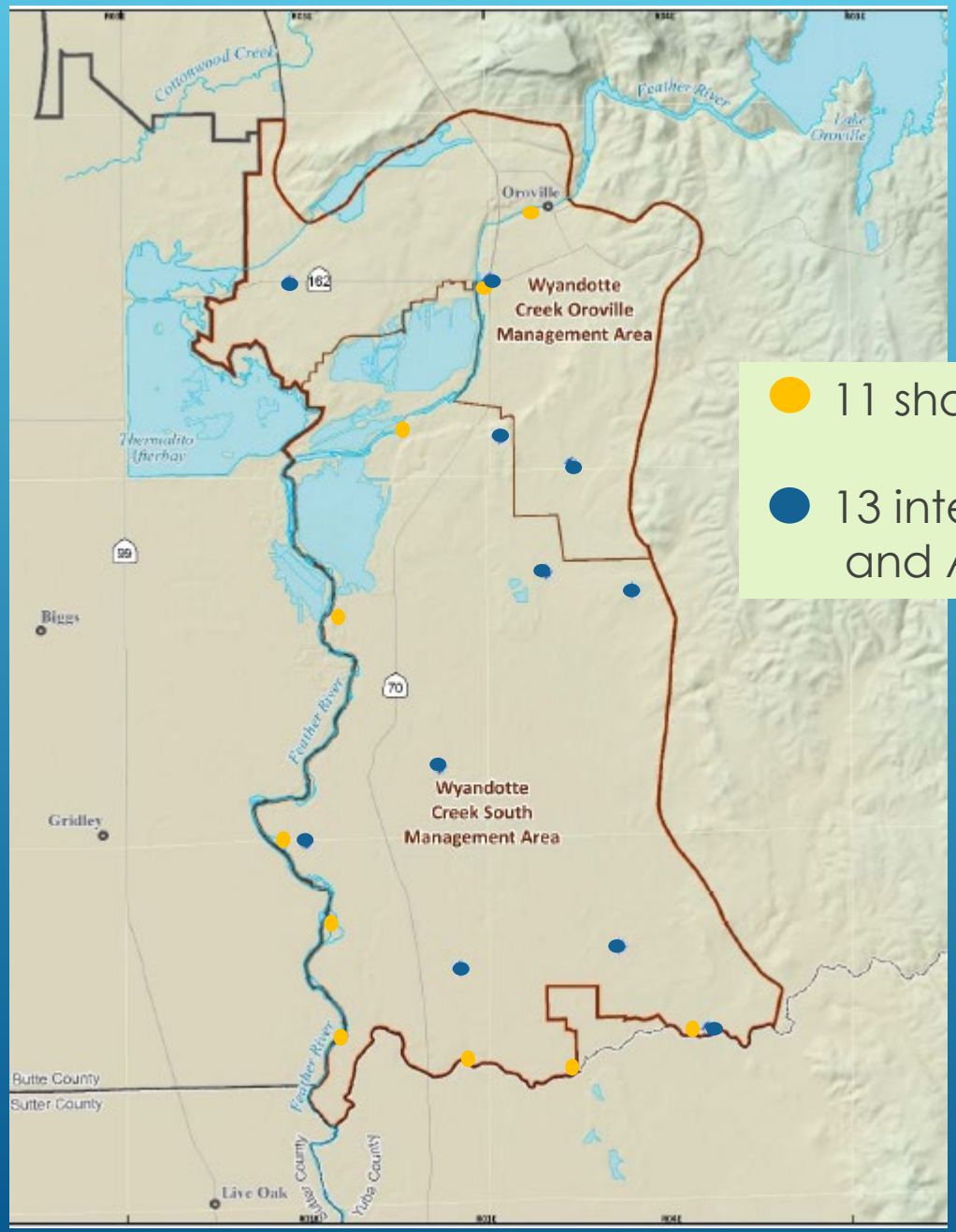
1. How the shallowest aquifer zones interacts with streams
2. How deeper pumping affects water levels in shallowest aquifer zone

We can use the BBGM Model to identify potential locations for monitoring this SMC and developing quantitative MO and MT





USE MODEL TO IDENTIFY POTENTIAL MONITORING LOCATIONS



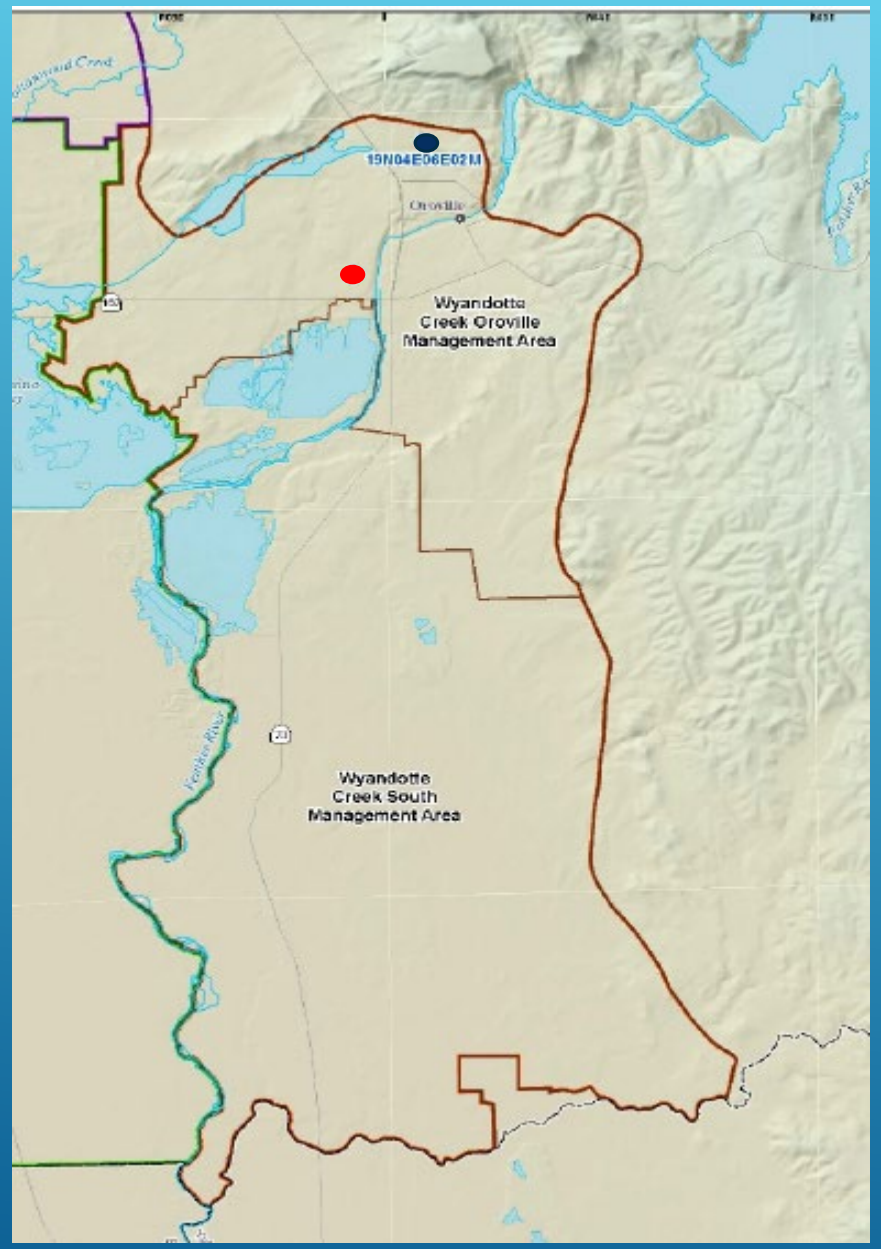
- 11 shallow aquifer for SW depletion SMC
- 13 intermediate/deep aquifer for GW level and Aquifer Storage SMC

EXAMPLE COMBINED MONITORING NETWORK

DEGRADED GROUNDWATER QUALITY

DEGRADED GROUNDWATER QUALITY

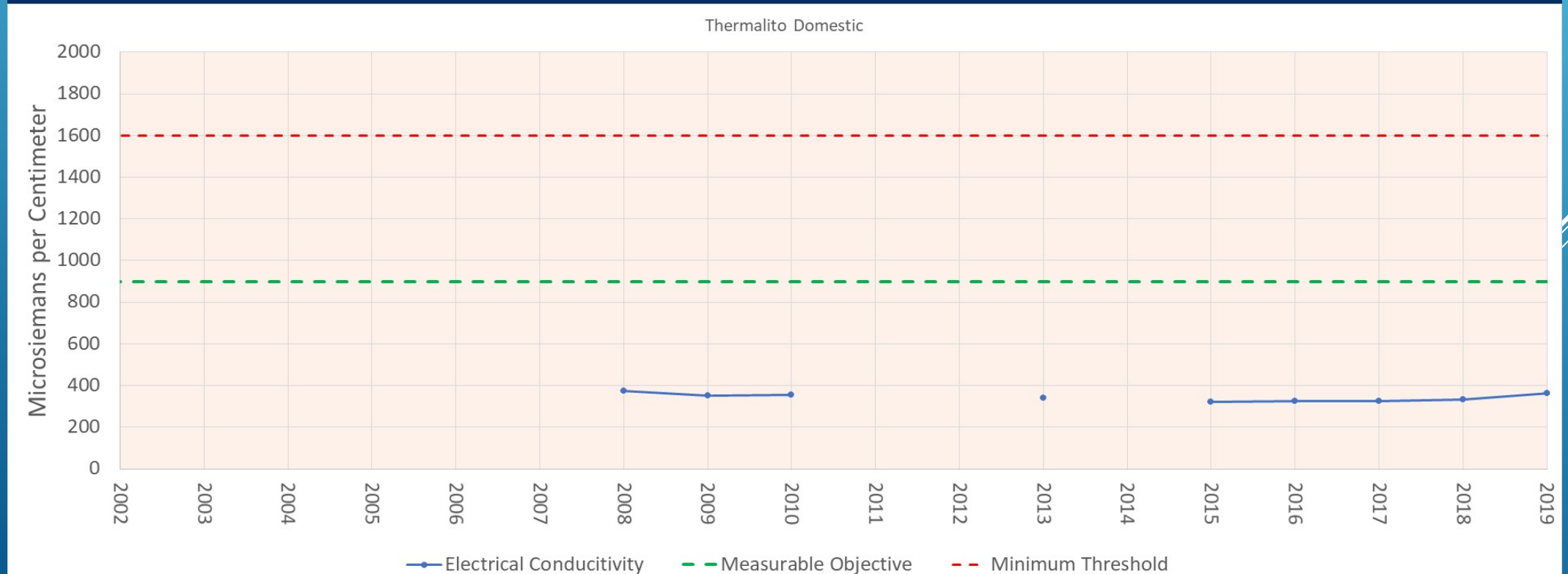
Undesirable Results and Sustainability Criteria	
Undesirable Result Statement	• Water quality is below State Maximum Contaminant Levels (MCLs) or thresholds for agricultural productivity as a result of groundwater pumping. • Salinity will be used as a proxy for overall water quality. • Other programs and agencies are responsible for enforcing groundwater quality violations. GSA will coordinate with other agencies if water quality degradation is associated with groundwater pumping
Minimum Threshold (onset of undesirable result) and Measurable Objective (desired condition)	• Minimum Threshold – 1,600 µS/cm – Upper SMCL • Measurable Objective – 900 µS/cm – Secondary MCL (SMCL)
Quantitative definition of significant and unreasonable impact	• 25 % of representative monitoring wells fall below minimum threshold for 2 consecutive years



GROUNDWATER QUALITY MONITORING NETWORK

SMCS WYANDOTTE CREEK OROVILLE
DEGRADED GROUNDWATER QUALITY

Measurable Objective
900 µS/cm
Minimum Threshold
1600 µS/cm



CLOSING

Six Undesirable results are defined in SGMA

1. Chronic lowering of groundwater levels ✓
2. Reduction of groundwater storage ✓
3. ~~Seawater intrusion~~
4. Degraded water quality ✓
5. Land subsidence ✓
6. Depletions of interconnected surface water ✓

Sustainable Management Criteria for each representative monitoring sites (RMS) will now be developed for each undesirable result.

THANK YOU!

Wyandotte Creek Groundwater Sustainability Agency Agenda Transmittal

TO: **WYANDOTTE CREEK GSA BOARD OF DIRECTORS**

FROM: **KELLY PETERSON**

RE: **WYANDOTTE CREEK GSA ADVISORY COMMITTEE UPDATE**

DATE: **1/28/21**

SUMMARY

The Wyandotte Creek GSA Advisory Committee (WAC) met for the first time in December 2020 and again in January of 2021. Meeting updates are included.

DISCUSSION

The Wyandotte Creek GSA Stakeholder Advisory Committee (WAC) met virtually in December 2020 and last month on January 7, 2021 the draft meeting notes for both meetings are attached.The WAC currently has two members, David Kehn from Cal Water and Kristin McKillop from South Feather Water and Power. All other seats are open for applications.

At the December meeting the WAC:

- Reviewed draft WAC Charter and sought agreement on recommended modifications for WC GSA Board consideration
- Reviewed an overview of the schedule for GSP Completion, an overview presentation of the draft Basin Setting chapter and an overview presentation about Groundwater Dependent Ecosystems
- Received an overview presentation of the key components of Sustainable Management Criteria and offered some preliminary comments

At the January meeting the WAC:

- Received and approved the December meeting notes
- Received an update from the Management Committee and an update on inter-basin coordination efforts
- Received a draft presentation of Sustainable Management Criteria (SMC) from the consultant team and provided input on the proposed SMC details
- Reviewed proposed representative monitoring sites
- Held initial discussions about Project Management & Actions (PMAs)

WAC membership details, meeting materials, detailed meeting notes and recordings of the meetings are on the Wyandotte Creek GSA website: https://www.wyandottecreekgsa.com. All WAC meetings are open to the public and scheduled for the first Thursday of each month from 9:00 a.m. – 12:00 p.m. in an online format using Zoom. The WAC will meet again via video conference on February 4, 2020 at which time they will consider, in addition to other items, approval of the January 2021 meeting summary, continue SMC discussions (Minimum

Thresholds and Measurable Objectives) and review and possibly make recommendations on PMAs.

FISCAL IMPACT

None

RECOMMENDATION

Accept as an informational item.

ATTACHMENTS

DRAFT Summary_WAC_12-16-20_v2, DRAFT Summary_WAC_1-7-21

Wyandotte Creek GSA Advisory Committee Meeting

Access meeting materials at: https://www.wyandottecreekgsa.com/

Meeting Brief

- **Overview:** This was the first meeting of the Wyandotte Creek Groundwater Sustainability Agency (GSA) Advisory Committee (WAC).
- **WAC Charter:** The group reviewed draft WAC Charter and sought agreement on recommended modifications for WC GSA Board consideration [Access Here].
- **Groundwater Sustainability Plan (GSP) Schedule:** P. Gosselin (Butte County) presented an overview of schedule for GSP Completion and WAC members asked clarifying questions [Access Here].
- **Draft Basin Setting:** The WAC received an overview presentation of draft Basin Setting chapter, which includes the hydrogeologic conceptual model, groundwater conditions, and water budget information for the subbasin [Access Draft Chapter Here].
- **Groundwater Dependent Ecosystems (GDEs):** P. Gosselin (Butte County) provided an overview presentation describing GDEs, approach, status of effort & next steps. WAC members asked clarifying questions and provided feedback. The public had an opportunity to comment [Access Slides Here].
- **Sustainable Management Criteria (SMC):** The WAC received an overview presentation of the SMC key components and offered some preliminary comments and clarifying questions. The WAC will have a more in-depth SMC discussion during the next meeting [Access Slides Here].
- **Next Steps:** The WAC confirmed its standing meetings for the first Thursday of the month, from 9:00-12:00. The WAC will meet again via video conference on January 7, 2021 from 9:00-12:00.

Action Items

Item	Lead Person(s)	Completion
Share modified WAC Charter with the Board for consideration.	Wyandotte Creek GSA Management Committee	Upon completion
Follow up with G. Barber regarding quantification of the South Feather Canal system's leakage in the groundwater model.	Wyandotte Creek GSA Management Committee	Upon completion
Add ideas for public outreach to a future meeting agenda.	CBI & Wyandotte Creek GSA Management Committee	Upon completion

Summary

Introductions & Agenda Review

The facilitator, T. Carlone (Consensus Building Institute, CBI) welcomed participants to the first WAC meeting and reviewed the meeting agenda. WAC members and Wyandotte Creek GSA Management Committee representatives introduced themselves.

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Public Comment for Items Not on the Agenda

No comment.

Wyandotte Creek GSA Management Committee Reports

There were no updates from the Management Committee.

Wyandotte Creek GSA WAC Charter

The WAC reviewed the draft Charter, which describes the purpose, operating principles and ground rules of the WAC. This charter is subject to approval by the Agency Board of Directors.

Discussion | WAC Charter

- **Groundwater Pumpers Advisory Committee (GPAC):** A WAC member asked about the status of the GPAC. P. Gosselin clarified the GPAC was formed to advise on Sustainable Groundwater Management Act (SGMA)during governance formation. The GPAC became somewhat dormant when the SGMA governance structures were established; however, members wanted to keep it open as a venue to voice groundwater pumpers' interests and recommendations. Butte County is in the process of reappointing members, as the terms have since expired.
- **Roles and Responsibilities:** The WAC suggested removing requirement to complete Brown Act trainings, as all member agencies have received these trainings in the past.
- **Membership:** While there are only water purveyor representatives in the WAC at the moment, the WAC remains open for new members of the public interested in joining the committee. The WAC suggested removing specific dates from WAC membership.
- **Decision-making Quorum:** WAC members suggested adding "Management Committee will transmit to the board any discussion and recommendations from the meetings."
- **Relationship to the Public:** A public participant inquired about the committee's relation to the public, asking what the process would be to express public concerns. the commenter expressed concern about water quality issues in a seasonal creek near her residence, which could be impacted by groundwater recharge. P. Gosselin (Butte County) shared that the WAC serves as a public venue to voice concerns and comments related to the development of Groundwater Sustainability Plans (GSPs). While SGMA does have a component related to Water Quality, it only applies to impacts related to groundwater management and not necessarily to pollutants released into local creeks.

Outcomes & Next Steps| WAC Charter

- The WAC members made recommended changes to the WAC Charter. The Management Committee will share proposed changes with the Board.

Overview of Tasks & Schedule for GSP Completion

P. Gosselin (Butte County) reviewed the GSP development status, components, and timeline. Please refer to the slides and meeting schedule in the meeting agenda for a more detailed schedule [Access Here].

- **Overall Timeline:** The Wyandotte Creek GSP development is divided into phases: (1) Basin Setting Project (2018-2020), (2) GSP Completion Project (2020-2021), (3) Submission (January 30, 2022),

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and (4) Implementation. The GSA is on track to meet the deadline, but the plan implementation will likely require additional resources from either grants or fees.

- **Status:** the draft Basin Setting Project was completed last spring . The GSA is now developing the next chapters (Sustainable Management Criteria (SMC), Representative Monitoring Network, Inter-basin Coordination, Project and Management Actions (PMAs), and Implementation Cost and Funding Options).
- **Technical Support:** The Wyandotte Creek GSA received technical support from Davids Engineering during Phase 1 and is now working with Geosyntec for Phase 2.
- **Facilitation Support**: The GSA received Facilitation Support Services from the Consensus Building Institute (CBI) funded by the Department of Water Resources' (DWR) Sustainable Groundwater Management Program.
- **Opportunities for input**: There will be various opportunities for the WAC and the public to provide input. The WAC can make recommendations on draft chapters. The public can submit comments during public comment review periods, GSA Board Workshops, and WAC public meetings.

Discussion | GSP Status

- P. Vellines (DWR) asked if some GSP chapters have already been drafted. P. Gosselin (Butte County) confirmed the Basin Setting Chapter has been drafted and underwent public comment period (Summer 2020).

Draft Basin Setting Overview & Discussion

The WAC reviewed an overview presentation of draft Basin Setting documents and discussed potential recommendations to the Wyandotte Creek GSA Board of Directors [Access Slides | Access Staff Memo]. The public had an opportunity to provide comments or ask clarifying questions.

- **The Basin Setting Project** (2018-2020) produced draft chapters for two main sections of the GSP: Basin Setting and Monitoring Network. The draft Basin Setting chapter includes the Hydrogeologic Conceptual Model (HCM), Groundwater Conditions, and Water Budgets for the subbasin. Significant portions of the draft Monitoring Network chapter are also available.
- **Public Input:** The Management Committee hosted a webinar on June 23, 2020 to present preliminary findings and solicit public comments. Approximately 30 people participated in the webinar. Public review drafts of these chapters were released for a 30-day comment period August 10-September 8, 2020. No public comments were received. These chapters will not be considered final until they are combined with the rest of the draft GSP for review and public comment in mid-2021.
- **Water Budget Scenario Takeaways:**
  - Increased urbanization will replace undeveloped lands.
  - A comment was received during the webinar that there may be an increase in agricultural production east of Highway 70.
  - Climate change may result in an overall increase in precipitation and Evapotranspiration (ET) demands and increased surface water flows.
  - Modest decrease in net stream accretions (i.e., gains) compared to historical period.
  - Variability in groundwater storage of approximately 120 thousand acre-feet over a 50-year planning horizon, with similar conditions across scenarios.

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  - Limited reduction in groundwater storage anticipated, on average.
- **Summary**
  - Groundwater storage is largely driven by drought cycles; drought planning will be important to prevent undesirable results.
  - Reductions in storage add up over time. Projects and management actions targeting recharge in wet years need to consider how often reductions are likely to occur.
  - Monitoring will be important to better understand how changes in water budgets translate to groundwater conditions over time.

The complete Basin Setting Chapter can be found at: https://www.wyandottecreekgsa.com/gw-sustainability-plan

Discussion | Basin Setting

- A WAC member suggested there needs to be more representation from agricultural users on the WAC, as 79% of water supplies in the subbasin derive from agricultural pumping.
- A WAC member asked if the model used for the Basin Setting quantified leakage from the South Feather Canal system. Staff replied they would have to talk with the consultant team about this.

Groundwater Dependent Ecosystems (GDEs)

P. Gosselin (Butte County) provided an overview presentation describing GDEs, their importance, and SGMA requirements associated with GDEs [Access slides]. GDEs are communities or species that depend on groundwater emerging from aquifers or on groundwater occurring near the surface. GDEs are considered beneficial users of groundwater and can be affected by chronic lowering of groundwater levels and by surface water depletion. SGMA requires GSAs to identify GDEs within the basin and assess the impacts to those GDEs, as specified in Section 353.2 [§ 354.16. Groundwater Conditions], utilizing DWR data or the best available information. In addition, P. Gosselin outlined the approach used to identify GDEs in the Wyandotte Creek Subbasin, the status of the effort and an overview of next steps. WAC members asked clarifying questions and provided feedback. The public had an opportunity to comment.

Discussion | GDEs

- **GDEs:** A member of the public asked whether wetland delineation reports, related to riparian areas, are part of GDEs. P. Gosselin replied he would need to go back to the Nature Conservancy Resource Hub (Access here) to identify data sources.

Sustainable Management Criteria (SMC) Overview & Preliminary Discussion

The WAC received an overview presentation and held preliminary discussion of SMC key components in preparation for a more in-depth SMC discussion at the January WAC meeting [access presentation slides| Best Management Practices report]. The SMC is the umbrella that includes: Sustainability Goal (qualitative), Undesirable Results (quantitative), Minimum Thresholds (quantitative), and Measurable Objectives (quantitative). Overall, sustainability is demonstrated by the avoidance of Undesirable Results for the six sustainability indicators below. What is considered "significant and unreasonable" is determined by local GSAs and stakeholders.

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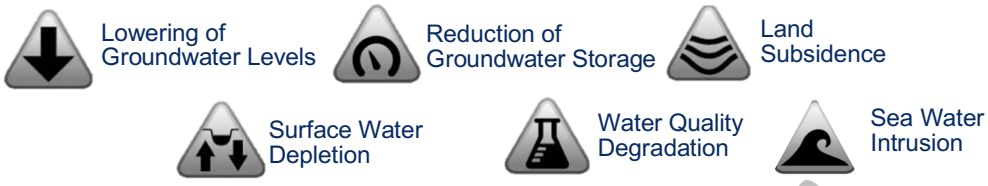

Discussion | SMC

- A WAC member asked if there is a plan to monitor and make adjustments along the way. P. Gosselin (Butte County) replied that the GSP will be revised every 5 years.
- P. Vellines, DWR representative, shared that an updated Best Management Practices for SMCs will be coming out soon.
- A member of the public asked whether the Wyandotte Creek subbasin falls into a specific watershed. P Gosselin replied he believes it is within the Feather River Watershed.
- Another WAC member suggested given that the subbasin looks in balance, the GSA could consider A light touch on the PMAs,
- The facilitation team encouraged WAC members to share ideas or suggestions on how to engage the broader public and make technical information accessible. Some ideas include sending postcard invitations to every parcel served by water agencies to participate in public workshops, sharing the meeting recordings via interested parties lists and the Butte County Department of Water and Resource Conservation's Water Solutions newsletters, online surveys, outreach to water and conservation grassroot groups, and other forms of targeted outreach to water users.

Outcomes & Next Steps| SMC

- The facilitation team will add ideas for public outreach to a future meeting agenda.

Next Steps

The WAC confirmed its standing meetings to be the first Thursday of the month, from 9:00-12:00. The WAC will meet again via video conference on January 7, 2021 from 9:00-12:00.

Meeting Participants

Participant	Representation/Affiliation	Present
Wyandotte Creek GSA Advisory Committee (WAC) Members		
George Barber	California Water Service	Y
Kristin McKillop	South Feather Water and Power	Y
Groundwater Sustainability Agency (GSA) Member Agency Staff		
Paul Gosselin	Butte County	Y
Chris Heindell	Thermalito Water and Sewer	Y
Matt Thompson	City of Chico	Y
Other Representatives		
Pat Vellines	Department of Water Resources (DWR)	
Facilitator		
Tania Carlone	Consensus Building Institute	Y
Mariana Rivera-Torres	Consensus Building Institute	Y

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In addition, 1 member of the public attended the meeting.

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Wyandotte Creek GSA Advisory Committee Meeting

Access meeting materials at: https://www.wyandottecreekgsa.com/

Meeting Brief

- **Overview:** This was the second meeting of the Wyandotte Creek Groundwater Sustainability Agency (GSA) Advisory Committee (WAC).
- **Wyandotte Creek GSA Management Committee Reports:** The WAC received verbal updates from the Management Committee and an overview presentation of inter-basin coordination efforts in the Northern Sacramento Valley [Access Inter-basin Coordination Slides | Access Flyer].
- **Sustainable Management Criteria (SMC) Discussion:** The WAC received a presentation and provided input on draft SMC from the Geosyntec consulting team. The objectives of the discussion were to discuss (1) wording and quantitative measures to include in the SMC, (2) technical background or monitoring implications related to each SMC definition, (3) potential differences between areas, and (4) specific analysis or further refinement needed to prepare a draft SMC section for approval and incorporation into the Draft GSP [Access Slides].
- **Next Steps:** The WAC will meet again via video conference on February 4, 2021 from 9:00-12:00.

Action Items

Item	Lead Person(s)	Completion
Add Kelly's suggestion to Charter: to have a placeholder for the option to offer Brown Act trainings to WAC members.	CBI & Management Committee	
Contact Tatiana Garcia (Rural Community Associates Corporation) to discuss opportunities for partnership related to stakeholder outreach and engagement.		
Upload meeting recording to the website.		
Check if there are any shallow monitoring wells available near creeks, related to mining?	Kristen	

Summary

Introductions & Agenda Review

The facilitator, T. Carlone (Consensus Building Institute, CBI) welcomed participants and reviewed the meeting agenda. WAC members and Wyandotte Creek GSA Management Committee representatives introduced themselves.

Public Comment for Items Not on the Agenda

Rural Community Associates Corporation (RCAC) representative, Tatiana Garcia, introduced herself and her organization's mission. RCAC provides training, technical and financial resources and advocacy to rural and disadvantaged communities, such as well assessments, etc. The facilitation will follow up with RCAC to discuss opportunities for partnership related to stakeholder outreach and engagement.

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Meeting Notes Review & Consideration

WAC members reviewed and approved the meeting summary (12/16/20). D. Kehn (Cal Water) would like to follow up with Butte County related to the leakage from the South Feather Canal District, and K. Peterson (Butte County) suggested considering including a placeholder in the charter to offer Brown Act trainings to future WAC members, who may not represent existing water agencies.

Wyandotte Creek GSA Management Committee Reports

Wyandotte Creek GSA Board Update

The Wyandotte Creek GSA Board met in December 17. Among other things, the approved its 2021 calendar to be held on the fourth Thursday of each month [Access Calendar]. GSA board meetings are open to public participation and will be streamed via YouTube. In addition, the board received and update on the multi-completion well under the Technical Support Services (TSS). With all land-use agreements in place, the environmental permitting is moving forward.

Inter-basin Coordination Update

CBI provided a brief update on inter-basin coordination efforts in the Northern Sacramento Region, including staff and consulting teams from 11 subbasins (Antelope, Bowman, Butte, Colusa, Corning, Los Molinos, Red Bluff, Sutter, Vina, Wyandotte Creek, and Yolo). Efforts have focused on creating tools to foster general and technical information exchange. CBI presented a series of documents developed through inter-basin coordination efforts, including a document describing modeling tools used for SGMA in the Northern Sacramento Valley (NSV) and a flyer describing inter-basin coordination efforts [Access Inter-basin Coordination Slides | Access Flyer]. Staff and consultants will reconvene in Spring 2021 to discuss appropriate ways to compare and communicate information on model assumptions, cross-boundary flows, and stream-aquifer interactions at boundaries. Key findings will be presented when available for public input. More information can be found at https://www.buttecounty.net/waterresourceconservation/Sustainable-Groundwater-Management-Act/Inter-basin-Coordination.

Sustainable Management Criteria (SMC) Strawman Discussion

The WAC received a presentation and provided input on draft SMC from the Geosyntec consulting team. The objectives of the discussion were to discuss (1) wording and quantitative measures to include in the SMC, (2) technical background or monitoring implications related to each SMC definition, (3) potential differences between areas, and (4) specific analysis or further refinement needed to prepare a draft SMC section for approval and incorporation into the Draft GSP [Access Slides | Access SMC Best Management Practices Report].

The SMC is the umbrella that includes: Sustainability Goal (qualitative), Undesirable Results (quantitative), Minimum Thresholds (quantitative), and Measurable Objectives (quantitative). Overall, sustainability is demonstrated by the avoidance of Undesirable Results for the six sustainability indicators below. What is considered “significant and unreasonable” is determined by local GSAs and stakeholders.

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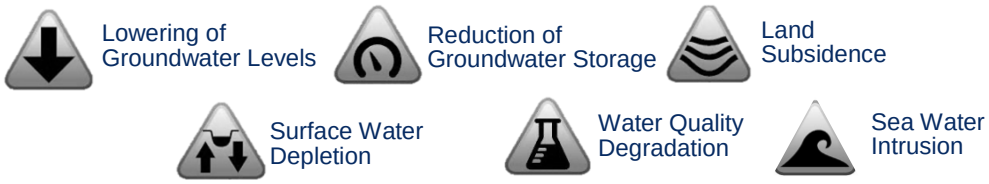

Each undesirable result must include three elements:

a) **Description of Undesirable Results:** what constitutes a "significant and unreasonable" condition
b) **Minimum Threshold:** quantitative definition of groundwater conditions at a representative monitoring site at which undesirable results may begin to occur
c) **Measurable Objective:** quantitative definition that reflects the basin's desired groundwater condition and allows the GSA to achieve sustainability goals within 20 years

Chronic Lowering of Groundwater Levels

Approach: Geosyntec, the consulting team, proposed setting the Minimum Threshold (MT) based on domestic well depths, with the intent to establish some level of protection for domestic wells. Geosyntec suggested establishing Measurable Objective (MO), or desired state for water levels, based on current and projected water level trends, using existing monitoring data and modeling results. The area between the MT and MO indicates the level of operational flexibility. This SMC process would apply to each Representative Monitoring Site. In sum, the proposed approach takes into account local hydrogeological conditions, is protective of domestic wells (MT), and uses modeled water level trends.

Draft Undesirable Results and Sustainability Criteria

Undesirable Result Statement	• GW Levels are unable to satisfy beneficial uses over a sustained period. Specific examples of undesirable results include domestic wells going dry, reduction in pumping capacity, Increase in pumping costs, Potential impacts to GDEs.
Minimum Threshold (onset of undesirable result) & Measurable Objective (desired condition)	• Minimum Threshold – Fall (Sept/Oct) GW level is above the 15th Percentile of all domestic well depths in a given area or sub-area. This means 85% of all domestic wells are completed below the minimum threshold and will be "protected." • Measurable Objective – Fall 2015 groundwater level (or modeled 2015 groundwater level if no data are available). This means dry cycle minimums are no worse than 1993-2015 minimums.
Quantitative definition of significant and unreasonable impact	• 25 % of representative monitoring wells fall below minimum threshold for 2 consecutive years.

Discussion | SMC

- *Will the 15th percentile be adjusted over time?* Geosyntec explained that the DWR data they are using, lists all the domestic wells that have been installed, and they do not know if all wells

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considered are active. The process will be adaptive and can be modified in every 5-year update. Further, one Project and Management Action (PMA) could be deepening wells.

- WAC members felt there was a pretty good coverage across the subbasin, with the four-mile radius around each well illustrated.
- A WAC member requested a graphic representation for each proposed monitoring location. In total, 13 wells were recommended by Woodran Curran, but the team may recommend additional locations to address data gaps. The consulting team shared there will be an MO and MT for each well, included in future materials.
- The choice for which trend to use to establish the MO will depend on the WACs expectation of future conditions (do we expect future droughts, worse than 2015 levels) and on what the subbasin can reasonability achieve through the PMAs. Higher numbers will require more ambitious PMAs.
- A member of the public asked how the consulting team determine 15th percentile as the MT and expressed concern with lack of accurate information may underestimate or overestimate the number of wells affected. J. Turner (Geosyntec) explained that percentile is a purely mathematical calculation (common statistical number as one standard deviation away from the mean), which would help filter out wells that are old and may already be dry or not in use. The GSA can adapt and reevaluate the number during the 5-year review. Further, the MT does not reflect an intention to let those wells go dry, but rather establishes a benchmark for what is truly undesirable.

Reduction in Aquifer Storage:

The consulting team proposed using groundwater levels as a proxy for aquifer storage; therefore, the proposed approach mimics the Chronic Lowering of Groundwater Levels process described above. Aquifer conditions in the subbasin are different than in other areas of the state, as there are episodic aquifer storage recoveries during wet cycles. While some GSPs describe this SMC as amount of water in storage, the technical team suggests describing aquifer storage based on steady groundwater level trends. Levels can go up and down based on hydrological cycles, but overall the trend should stay flat.

Draft Undesirable Results and Sustainability Criteria

Undesirable Result Statement	• Total groundwater storage volume is insufficient to satisfy beneficial uses. • Groundwater level will be used as a proxy for aquifer storage (i.e. groundwater storage will not be calculated explicitly)
Minimum Threshold (onset of undesirable result) & Measurable Objective (desired condition)	• Minimum Threshold – Fall (Sept/Oct) GW level is above the 15th Percentile of all domestic well depths in a given area or sub-area. This means 85% of all domestic wells are completed below the minimum threshold and will be "protected" • Measurable Objective – Fall 2015 groundwater level (or modeled 2015 groundwater level if no data are available). This means dry cycle minimums are no worse than 1993-2015 minimums.
Quantitative definition of significant and unreasonable impact	• 25 % of representative monitoring wells fall below minimum threshold for 2 consecutive years • 25% = 3 wells assuming current 13 well monitoring network

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Discussion

- A WAC member asked whether PMAs could be categorized to be triggered at specific targets (e.g., drought conditions). The consulting team explained PMAs should be aligned to the MO. The GSA can also establish interim targets. At every 5-year update, the GSA could specify certain PMAs would activate if conditions are not reaching interim targets. Another consideration is that the GSA can identify data gaps to be revisited in 5-year updates to include new information.
- In other words, PMAs should be developed around the MO (what you hope to achieve) and MT (what you wish to avoid), and the space in between represents the level of operation flexibility.

Land Subsidence:

Once again, the consulting team proposed using groundwater levels as a proxy for subsidence; therefore, the proposed approach mimics the process described above.

Minimum Threshold (onset of undesirable result) & Measurable Objective (desired condition)	• Minimum Threshold – Fall (Sept/Oct) GW level is above the 15th Percentile of all domestic well depths in a given area or sub-area. This means 85% of all domestic wells are completed below the minimum threshold and will be "protected" • Measurable Objective – Fall 2015 groundwater level (or modeled 2015 groundwater level if no data are available). Dry cycle minimums are no worse than 1993-2015 minimums.
Quantitative definition of significant and unreasonable impact	• A subsidence rate of more than 0.2 feet per year for a 10-year period that is directly related to groundwater pumping and within 2,000 feet of critical infrastructure, including roads, railways, pipelines, water conveyance systems, hospitals or other critical facilities.

Discussion

- The WAC overall thought the approach (15%) seems reasonable. The only concern about inaction above MOs, and the possible intent of letting things get worse than the worst drought.
- A WAC member asked if the reason for not using subsidence levels because of data gaps, as groundwater levels along may miss subsidence. The consulting team shared that the GSA would have to establish a relationship between pumping and subsidence. No significant subsidence now, may not mean that conditions will not get worse.
- Another WAC member shared she was feeling unprepared and wondered when discussions will transition towards PMAs. The technical consultants shared this is an iterative process. The conversation now is to establish SMCs, or what the subbasin is solving for. The PMA discussion will happen during the next meeting.

Surface-GW interactions: (listen to recording to catch up first few minutes)

- Subtext… shallow groundwater that is where the undesirable result can occur (monitoring locations) need to be in the shallow aquifer (cannot monitor with deep well). -> data gap… not

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many wells that we know are completed in shallow aquifer adjacent to a screen that can be used to monitor connection.
    - MT would be some number below the base: historical record not available… would prob. Describe objective without benefit of data…
    - MOs> acknowledge cyclical changes, benchmark consistent to other groundwater level approach mentioned earlier.
    - Suggest proposing where we need more data and when we get that data, we could set thresholds and objectives.
- GDEs and modeled stream/aquifer interactions in the Feather River (predominantly a gaining stream)
    - Now portion of Feather River has a lot of cottonwood & willow…
    - Uncalibrated model at this point -> absence of shallow groundwater leels by streams
- GDEs Honcut Creek: Willow & Valley Oak
    - Approach: specify areas where the team suggests monitoring to address data gaps

Summary: SMC for stream depletion
If gw in shallow wells adjacent natural stream channels are used as proxy for depletion, there are data gaps to defining and monitoring measurable objectives. (grab from slides)suggestion to use BBGM model to identify potential monitoring locations.

- [extra notes] w/ modeling, could create profile that shows water level in stream, water level in first layer, and water level in the level underneath.. just hypothetical… downward gradient…
- Need to run the model again to extract model output at each location underneath each of the stream, coordinating with neighboring subbasin in Vina to get a comprehensive model data set.
- Geosyntec will bring more information after model run next meeting, while still no MO nailed down (monitoring data gaps)
- Summary approach: establish a framework and rationale for the process…
    - This indicator is new for all agencies… will need some time to integrate
    - State board intervention pushed to 2025, as subbasins would need to develop the methodology
    - This doesn't threaten the viability of the plan, but have a good idea
        - Data gaps will include implementation schedule for data collection to reestablish MO with real data.
        - Will combine model data for plan view (with mapping) and cross-sectional view based on model run.

  Proposed approach summary: … id data gaps and implementation schedule of how those gaps would be filled….

WAC Thoughts
- Kristen: without monitoring wells, seems like the best possible option
- David: Agreed, implementation schedule aggressive or minimum? Where will it land? Baseline PMA? B. Anderson, good idea… ideal world it may be 6-10 locations for shallow wells… but model results overlayed with GDEs will determine locations absolutely need

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- Joe: Kristen aware of any wells that could be used? Nothing aware of… could do some exploring -> mine sites… some lcoations with multiple users… will need quick check with environmental health (Kristen will reach out and find out).
- Questions about Feather River > some things you'd like to see included in plan related to feather river management that could affect GDEs

GW Quality:

- Staightfoward spparoach : responsible for addressing quality problems clearly related to pumping
- MT and MOS tied to criteria… suggesting using salinity/TDS as indicator constituency-> tied to overall indicator related to gw pumping
    - Now 2 wells proposed in monitoring report in basin setting
        - Thermolito well > overall good quality water… other than…
        - Will propose
    - Task infront of us: monitoring reports point out wells in GAMA database, will be ID more wells (no data yet for) and add to map to make sure there is coverage across subbasin.
    - Will set 900 and 1600 as MT and MOs…
    - Next meeting examples for more than just 1 well… will have look at currently recommended + any additional ones that geosyntec suggests…
- Feedback on approach David & Kristen:
    - David: good approach
    - Kristen: fine with approach
- Public:
    - NA

SW: will lay out framework and what we know based on model & GDEs, lay out data gaps, and lay out as implementation process..

-

WQ: recommend monitoring salinity to monitor overall quality…

- Will re-run model to get profiles beneath stream channel and have initial representation to say what we believe a solid monitoring network would recommend…

Feedback:

- High-level: three interrelated indicators using similar approach MT & MOs… high level support on approach, but would like to push more on concerns related to quant… levels proposed (15% MT & 1993-2015 trendline for MOs)
    - David: 15% would be helpful to have some basic information (# wells, year drilled – at least sample). MOs…. (1993-2015) -> changed understanding of what MOs is, not fairy tale, but once we hit that is more or less a warning. Do feel comfortable with the proposed MOs given the cost implications…
        - Comfortable letting it lower or keep it as it is?
            - Tradeoffs… lower, less management actions (PMAs) future modeling, not do anything except keep tracking; higher, more PMAs…

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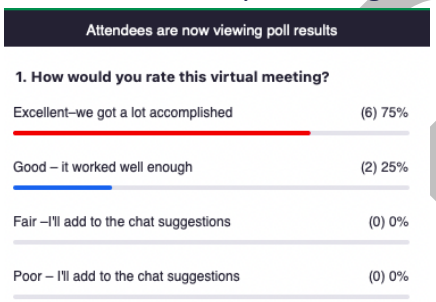
        - Putting 2015 lines on graphs easy… tech team will calculate the 1993-2015 trend and also add the 2015 line on to see what the lines look like.***
        - Doesn't mean you cant go below in dry years…. After PMAs… ** **next steps**
    - **Kristen:** like looking at data… comfort level, more comprehensive review, looking at hydrographs…
        - Keeping in mind that we have enough data to articulate constituents & broader public
- Public comments: on how to better communicate & make it more understandable:
    - Anne Dawson:
        - Very useful to hear it twice – a little hard to get head around all information without stats expertise & familiarity
        - Using elevation of gw above mean sea level is very confusing for members of the public… hard to get head around that > suggest translating the 77.6 quantity into a rough well depth number, makes it easier to understand…
            - Joe… will add ground surface elevation on graphs… suggest labelling clearly for reference (hydrograph) & keep terminology consistency .
        -

Outcomes & Next Steps| SMC

- **Present more info next meeting:** will run model again
- Ask WAC members for more information & data availability for wells…
- Putting 2015 lines on graphs easy… tech team will calculate the 1993-2015 trend and also add the 2015 line on to see what the lines look like.***
- Doesn't mean you can't go below in dry years…. After PMAs… ** **next steps**



Next Steps

- GSA Board Meeting focused on Sustainable Management Criteria: February 25th (add to schedule)
- The WAC will meet again via video conference on February 7, 2021 from 9:00-12:00.

Meeting Participants

Participant	Representation/Affiliation	Present
Wyandotte Creek GSA Advisory Committee (WAC) Members		
George Barber	California Water Service	Y
Kristin McKillop	South Feather Water and Power	Y
Groundwater Sustainability Agency (GSA) Member Agency Staff		
Paul Gosselin	Butte County	Y

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Participant	Representation/Affiliation	Present
Chris Heindell	Thermalito Water and Sewer	Y
Matt Thompson	City of Chico	Y
Other Representatives		
Pat Vellines	Department of Water Resources (DWR)	
Facilitator		
Tania Carlone	Consensus Building Institute	Y
Mariana Rivera-Torres	Consensus Building Institute	Y

In addition, 3 members of the public attended the meeting.

Tatiana Garcia-> contact information for C&E: Tgarcia@rcac.org

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Wyandotte Creek Groundwater Sustainability Agency Agenda Transmittal

TO: **WYANDOTTE CREEK GSA BOARD OF DIRECTORS**

FROM: **KELLY PETERSON**

RE: **WYANDOOTE CREEK GSA FINANCIAL REPORT**

DATE: **1/28/21**

SUMMARY

Attached is the financial report for the Wyandotte Creek GSA as of 1/19/21.

DISCUSSION

Informational item only.

FISCAL IMPACT

None

RECOMMENDATION

Accept as informational item.

ATTACHMENTS

Wyandotte Creek Financial report 1-19-21

Wyandotte Creek
GROUNDWATER SUSTAINABILITY AGENCY

Wyandotte Creek GSA Financial Report	**Fund Balance:**	**$ 14,331.60**
FY 2020-2021 (7/1/2020 - 6/30/2021)	**Balance Date:**	**1/19/2021**

Expenditures

Budget Item	Date	Amount	Notes
Legal			
BKS	7/20/20	$ 630.00	Invoiced last FY paid in current FY
BKS	10/20/20	$ 1,540.00	
BKS	10/27/20	$ 350.00	
BKS	12/1/20	$ 1,797.80	
BKS	1/5/21	$ 70.00	
Total Legal Spent		**$ 4,387.80**	
Legal Budget		$ 10,000.00	
% of Legal Budget Spent		44%	
Insurance			
Golden State Risk Management Authority	7/7/20	$ 1,800.00	GSA insurance
Total Insurance Spent		**$ 1,800.00**	
Insurance Budget		$ 1,800.00	
% of Insurance Budget Spent		100%	2020 fees increased by $300
Audit			
Total Audit Spent		$ -	
Audit Budget		$ 2,000.00	
% of Audit Budget Spent		0.00%	
Contingency			
Chico Enterprise Record	8/5/20	$ 750.13	Public Workshop Advertisement
Digital Deployment	11/24/20	$ 360.00	Web Services
Total Contingency Spent		**$ 1,110.13**	
Contingency Budget		$ 1,500.00	
% of Contingency Budget Spent		74%	
All Expenditures		**$ 7,297.93**	
Total Budget for Expenditures		**$ 15,300.00**	
% of Budget Spent		**48%**	

Revenue			
Budget Item	Date	Amount	Notes
Member Agency Contributions			
Thermalito Water and Sewer District	7/10/20	$ 5,000.00	
City of Oroville	7/14/20	$ 5,000.00	
Total Member Agency Contributions Received		$ 10,000.00	Additional $5K in payments from Butte County are planned
Total Member Agency Contributions Budget		$ 15,000.00	
% of Member Agency Contributions Budget Received		67%	
Interest (non-budgeted item)	7/15/20	$ 44.05	Interest from last quarter
	10/15/20	$ 59.70	Interest from last quarter
Total Interest Received		$ 103.75	
Overview			Page 2
All Revenue		**$ 10,103.75**	
Total Budget for Revenue		**$ 15,000.00**	
% of Budget Received		**67%**	

Fund Balance		
Starting Balance 7/1/2020	$	11,525.78
Expenses	$	7,297.93
Revenue	$	10,103.75
Fund Balance 1/19/21	**$**	**14,331.60**

Wyandotte Creek
GROUNDWATER SUSTAINABILITY AGENCY