

Engineering Committee Report
Republican River Compact Administration
August 27, 2026

EXECUTIVE SUMMARY

This document reports the activities of the Republican River Compact Administration (RRCA) Engineering Committee (EC) from the August 28, 2025, RRCA Annual Meeting to the August 27, 2026, RRCA Annual Meeting. The EC met four times since the August 28, 2025, RRCA Annual Meeting and completed the six tasks it was assigned. The following tasks were completed: 1) hold quarterly meetings; 2) complete the 2025 compact accounting including: exchange information listed in Section V of the RRCA Accounting Procedures and Reporting Requirements, including all required data and documentation, and finalize 2025 accounting; 3) continue to develop and maintain the summary of historical changes to the RRCA Accounting Procedures, the RRCA administrative website, and accounting tools developed by the committee; 4) track and monitor Colorado's progress toward permanent retirement of 25,000 acres from irrigation in the South Fork Republican River basin, as required under the 2016 South Fork Resolution and its amendments; 5) provide updates on the progress of new and ongoing management strategies for maintaining Compact compliance; 6) prepare the RRCA 64th annual meeting report (for the Year 2024). In addition, the Engineering Committee reviewed plans for an alternative point of diversion for Superior Canal below Guide Rock and started discussing how the project would be included in the RRCA accounting.

Attachment 1: Agendas and Minutes of the meetings of the EC

Attachment 2: Accounting Inputs and Accounting Tables from the RRCA Accounting for 2025 recommended by the EC for approval by the RRCA (Task 2)

Attachment 3: South Fork Focus Zone irrigated acreage retirement documentation submitted in support of December 16, 2024, Resolution provided on April 9, 2025

COMMITTEE ASSIGNMENTS AND RELATED WORK ACTIVITIES

The Engineering Committee completed six assigned tasks. The following is a summary of the actions and updates on the tasks. Further discussion can be found in the meeting minutes included as Attachment 1.

1. Meet quarterly to review the tasks assigned to the committee.
 - a. The EC met October 31, 2025; January 16, 2026; April 17, 2026; and July 10, 2026. See Attachment 1 for the approved minutes of these meetings.
2. Complete the 2025 compact accounting:
 - a. Exchange by April 15, 2026, the information listed in Section V of the RRCA Accounting Procedures and Reporting Requirements, and other data required by that document, including all necessary documentation. By July 15, 2026, the states will exchange any updates to these data.
 - Nebraska posted its data on April 15, 2026, and provided an update

on July 15, 2026.

- Kansas posted its data on April 14, 2026, and provided an update to the data on June 23, 2026.
- Colorado posted its data on April 15, 2026. There were no changes to the data posted in April.
- The Engineering Committee discussed several points of accounting inputs derived from USBR data that Kansas and Nebraska reported different values for. Kansas and Nebraska resolved to meet to review these calculations in Fall 2026.

b. Finalize the 2025 accounting and recommend it for approval by the RRCA.

- Colorado, Kansas, and Nebraska accounting data for 2025 are final and the EC hereby recommends approval of the accounting by the RRCA. The applicable summary accounting tables are presented in Attachment 2.

3. Continue to develop and maintain:

a. *Summary of Historical Changes to the RRCA's Accounting Procedures and Reporting Requirements*, as necessary.

- There were no actions requiring updates to the document.

b. Continue efforts to develop and publish an administrative website that would be an informational page for the public.

- In coordination with the EC, state staff have maintained and updated the website, which is accessible to the public.

c. Continue work and provide future updates on improving accounting tools developed by the Engineering Committee.

- The EC continues to use the website accounting tool developed and maintained by Principia Mathematica (Willem Schreüder) to validate the accounting spreadsheet results.

4. Track and monitor Colorado's progress toward permanent retirement of 25,000 acres from irrigation in the South Fork Republican River basin, as required under the 2016 South Fork Resolution and its amendments.

a. Colorado provided South Fork Focus Zone irrigated acreage retirement documentation by email on April 9, 2025, which is included as Attachment 3.

b. The EC followed-up with discussion at the July EC meeting.

5. Provide respective state updates on the progress of new and ongoing management strategies for maintaining compact compliance.

a. Kansas had no updates.

b. Colorado reported plans to pump roughly 13,000 acre-feet and 15,500-acre-feet from the Colorado Compliance Pipeline (CCP) in 2025 and 2026, respectively.

c. Nebraska:

- Provided updates on management actions fulfilling Kansas’s request for KBID irrigation supply from the 2025 Compact Call Year.
 - Updated the states on Nebraska’s integrated management plan updates and meetings within the basin.
 - Shared a dashboard for updating drought information in the basin in Nebraska.
6. Prepare the RRCA 64th annual meeting report (for the Year 2024).
 - a. The annual report was prepared by Kansas and reviewed by the states. The final report is submitted to the commissioners for their approval at the 2026 annual meeting.
 - b. The annual report for the year 2024 will be sent to the state governors and office of the president, via email, pending approval at this annual meeting.

Over the past year, the Engineering Committee also worked on developing a revision to the RRCA Accounting Procedures to reflect an additional diversion to the Superior Canal below the Superior-Courtland Diversion Dam (Superior Canal East Pump). The following is a summary of the discussion.

1. Nebraska introduced the project at the second quarterly meeting of the Engineering Committee.
2. Nebraska briefly described the project and proposed potential options for accounting for a secondary diversion below the Superior-Courtland Diversion dam.
3. Kansas presented the updates that they are making to accounting input data for the Almena Canal use changes as a point of comparison.
4. After the fourth quarterly meeting, Nebraska drafted a potential revision to the RRCA Accounting Procedures for Engineering Committee consideration.
5. The Engineering Committee proposes an assignment to finalize Accounting Procedure changes for the Superior Canal East Pump, if necessary, and recommend the revision to the RRCA prior to the 2027 irrigation season.

ITEMS FOR RRCA DISCUSSION & ACTION

1. The EC recommends the proposed 2025 accounting presented in Attachment 2 and in the spreadsheet titled “RRCA Accounting 2025 Final.xlsx” for approval by the RRCA. Upon approval of the accounting, the above-mentioned spreadsheet file will be placed on the public website.
2. In addition to any other assignments from the Administration, the EC recommends that Principia Mathematica continue in Compact year 2026 to maintain the web-based accounting tool and perform periodic model and accounting updates at the same level of service as in 2025.
3. The EC offers the following list of recommended assignments to work on in the coming compact year and to report on at the 2027 annual meeting of the RRCA.

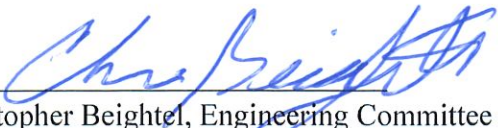
RECOMMENDED ASSIGNMENTS FOR THE COMING YEAR

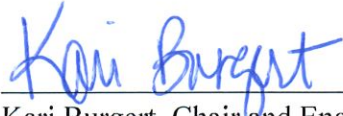
1. Meet quarterly to review the tasks assigned to the committee.
2. Complete the 2026 compact accounting:
 - a. Exchange by April 15, 2027, the information listed in Section V of the RRCA Accounting Procedures and Reporting Requirements, and other data required by that document, including all necessary documentation.
 - b. Exchange by July 15, 2027, any updates to these data.
 - c. Finalize the 2026 accounting and recommend it for approval by the RRCA.
3. Continue to discuss and draft changes to the RRCA Accounting Procedures for the Superior Canal East Pump and recommend changes, if necessary, to the RRCA prior to the 2027 irrigation season.
4. Continue to develop and maintain:
 - a. *Summary of Historical Changes to the RRCA's Accounting Procedures and Reporting Requirements*, as necessary.
 - b. The RRCA administrative website that serves as an informational page for the public
 - c. Accounting tools developed by the Engineering Committee.
5. Track and monitor Colorado's progress toward permanent retirement of 25,000 acres from irrigation in the South Fork Republican River basin, as required under the 2016 South Fork Resolution and its amendments.
6. Provide respective state updates on the progress of new and ongoing management strategies for maintaining compact compliance.
7. Prepare the 65th RRCA annual meeting report (for the year 2025) for approval by the RRCA at the 2027 annual meeting.

The Engineering Committee Report and the exchanged data will be posted on the web at

<http://republicanriver.org/>

SUBMITTED TO THE RRCA BY


Christopher Beightel, Engineering Committee Member for Kansas


Kari Burgert, Chair and Engineering Committee Member for Nebraska


Ivan Franco, Engineering Committee Member for Colorado

Attachment 1

Agendas and Minutes of the Meetings of the EC

Minutes for the
**QUARTERLY MEETING of the
ENGINEERING COMMITTEE of the
REPUBLICAN RIVER COMPACT ADMINISTRATION**
October 31st, 2025 2:00 Central Time

1. Introductions:

- a. KS – Chris Beightel, Chelsea Erickson
- b. CO – Ivan Franco, Willem Schreuder, Marie Sullivan
- c. NE – Kari Burgert, Sam Capps, Stefan Remund, Brendan Auer

Note: Going forward, Nebraska requests EC members include Stefan Remund on communication rather than Elizabeth Esseks since she has transitioned out of working on Republican Basin tasks.

2. Review/Modify Agenda

- a. No modifications were offered to the agenda

3. Review and Update Progress on Engineering Committee Task List (Below agenda items)

4. Summary of Meeting Actions/Assignments

- a. Colorado will send the 2025 South Fork retirement data and NDVI analysis in mid to late November.
- b. Kansas will review and send out the RRCA Annual Meeting transcript for Colorado and Nebraska review.

5. Proposed EC Meetings

- Friday, January 16th - 2:00-3:00 PM Central Time
- Friday, April 17th - 2:00 - 3:00 PM Central Time
- Friday, July 10th - 2:00 - 3:00 PM Central Time

6. Adjourn

ENGINEERING COMMITTEE TASK LIST

1. Meet quarterly to review the tasks assigned to the committee.

This is the first quarterly meeting. The three remaining quarterly meetings have been scheduled for the dates on agenda item 5.

2. Complete the 2025 compact accounting:

- Exchange by April 15, 2026, the information listed in Section V of the RRCA Accounting Procedures and Reporting Requirements, and other data required by that document, including all necessary documentation.
- Exchange by July 15, 2026, any updates to these data.
- Finalize the 2025 accounting and recommend it for approval by the RRCA.

No comments were provided.

3. Continue to develop and maintain:

- Summary of Historical Changes to the RRCA's Accounting Procedures and Reporting Requirements as necessary.

- a. Nothing to update
 - The RRCA administrative website that serves as an informational page for the public:
 - a. Chelsea said updates have been made to the website, including signed documents from the Annual Meeting and the Nebraska webpage and the associated name changes (NeDNR to DWEE). The website hosting renewal will be taken care of by Kansas.
 - b. Kari noted that DWEE is creating a combined website, and future link updates may be needed.
 - Accounting tools developed by the Engineering Committee.
 - a. Willem said the PRISM data format has changed, so he updated the processing procedures.
 - b. Willem explained that for the 2026 modeling inputs, the climate data are based on the long-term average (approximately early 1900s to present) from DRI website, and the pumping and surface-water usage is based on 2024 data except for CCP which had 2025 pumping data. The streamflow that Willem used was based on the average of the last 3-5 years.
4. Track and monitor Colorado's progress toward permanent retirement of 25,000 acres from irrigation in the South Fork Republican River basin, as required under the 2016 South Fork Resolution and its amendments:
 - a. Marie said Colorado will provide a report of 2025 data and NDVI analysis by mid-to-late November 2025.
 - b. Chris Beightel asked if the data given in November will include data from 2025. Marie responded that they will provide data for contracts from at least late 2024 and some 2025 contracts if there were any. Colorado will flag any acres with high NDVI that indicate acres that have not officially been retired as of the imagery date.
 5. Provide respective state updates on the progress of new and ongoing management strategies for maintaining compact compliance:
 - a. NE: Nebraska received Kansas's request for KBID irrigation supply in Harlan County Lake to have 57,000 acre-feet by next irrigation season under the Harlan County Lake Resolution. Based on the USBR most recent projections of irrigation supply, Nebraska is expecting to need to provide around 14,000 acre-feet. Nebraska has talked with the NRDs, and the current plan is to administer roughly 8,000 acre-feet of management actions to Harlan County Lake for KBID by the end of 2025. Nebraska is prepared to provide the remainder to reach the desired irrigation supply in early 2026. Nebraska also reported that there will be an annual meeting for the Republican Basin-wide Plan on November 20th in Curtis, NE, at the Middle Republican Natural Resource District. A virtual link will be available for the meeting.
 - b. CO: Willem said CCP is operational and has delivered 9,900 acre-feet to-date. The projection of total pumping for the year is 13,000 acre-feet. Goal is to run at capacity for rest of the year.
 - c. KS: Received confirmation from the Nebraska Commissioner on October 21 acknowledging Kansas' formal request regarding Harlan County Lake operations.
 6. Prepare the 64th RRCA annual meeting report (for the year 2024) for approval by the RRCA at the 2026 annual meeting:

- a. Chelsea reported that the court reporter (Linda) expects to deliver the transcript mid-next week following technical delays. Once received, Kansas will conduct a first review and circulate it to other states for comments.
- b. The previous year's signed Engineering Committee Report has been posted on RRCA administrative website.

MINUTES for the
**QUARTERLY MEETING of the
ENGINEERING COMMITTEE of the
REPUBLICAN RIVER COMPACT ADMINISTRATION**
January 16th, 2026 2:00 Central Time

1. Introductions
 - a. KS – Chris Beightel, Chelsea Erickson
 - b. CO – Ivan Franco, Willem Schreuder
 - c. NE – Kari Burgert, Sam Capps, Stefan Remund, Brendan Auer
 2. Review/Modify Agenda
 - a. No modifications were offered to the agenda
 3. Review and Update Progress on Engineering Committee Task List (Below agenda items)
 4. Discuss Potential Upcoming Accounting Procedures Adjustments
 - a. The NBID Superior Canal Project may necessitate changes to the RRCA accounting procedures. Nebraska suggests that the Engineering Committee meetings be used for these discussions but are open to alternative venues if Colorado or Kansas prefer.
 - b. The project is under construction and will likely not be operational until the 2027 irrigation season. This project will include adding a new diversion point below Guide Rock, then piping water back to the main canal for lower users.
 - c. Nebraska inquired if there was a comparison to Almena’s recent change in operations. Kansas described Almena’s change as more of discontinued use of the canal toward direct river diversions but will provide more detail on how their calculations were adjusted for new diversion points.
 - d. The EC will continue discussion so that any recommendations can be brought to the Commissioners in advance of expected 2027 operations.
 5. Summary of Meeting Actions/Assignments
 - a. KS: Chelsea will email Nebraska if any broken links are encountered on RRCA-related pages during Nebraska’s website transition
 - b. KS will provide detail on how Almena’s move towards direct diversions impacted their RRCA accounting input calculations.
 - c. CO: Ivan will follow up on NDVI status and provide South Fork retirement contract information if NDVI remains delayed.
 - d. NE: Nebraska will prepare and submit comments/redlines on the annual meeting transcript materials.
 6. Proposed EC Meetings
 - a. April 17th, 2026 2:00-3:00 Central Time
 - b. July 10th, 2026 2:00-3:00 Central Time
 7. Adjourn
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ENGINEERING COMMITTEE TASK LIST

1. Meet quarterly to review the tasks assigned to the committee.
 - This is the second quarterly meeting. The two remaining quarterly meetings have been scheduled for the dates on agenda item 6.
 - October meeting minutes have been circulated and reviewed by KS and CO.

Comments were received from KS; CO had no comments.

2. Complete the 2025 compact accounting:

- Exchange by April 15, 2026, the information listed in Section V of the RRCA Accounting Procedures and Reporting Requirements, and other data required by that document, including all necessary documentation.
 - Willem noted recent changes in USGS gage data in the past week and indicated USGS is still working through issues, e.g., Arikaree gage has approximately two months of missing data.
 - Committee noted they had received the 2025 canal and reservoir data from the USBR for inclusion in the accounting.
- Exchange by July 15, 2026, any updates to these data.
 - No further discussion.
- Finalize the 2025 accounting and recommend it for approval by the RRCA.
 - No further discussion.

3. Continue to develop and maintain:

- *Summary of Historical Changes to the RRCA's Accounting Procedures and Reporting Requirements* as necessary.
 - No updates reported
- The RRCA administrative website that serves as an informational page for the public
 - Discussion focused on Nebraska's transition to the DWEE website and potential impacts, including the possibility of broken links during the transition. Chelsea reported no new updates, and she will flag any broken links found. Nebraska will receive broken-link notes and provide updated links as available (with awareness that URLs may continue to shift until the new site is finalized).
- Accounting tools developed by the Engineering Committee.
 - No updates reported

4. Track and monitor Colorado's progress toward permanent retirement of 25,000 acres from irrigation in the South Fork Republican River basin, as required under the 2016 South Fork Resolution and its amendments.

- CO Update: Ivan reported no new updates and indicated progress is proceeding normally.
- Nebraska request/clarification: Nebraska indicated the information received from Colorado was that they were waiting on NDVI data to send out the agreed-to reporting update. Kari requested that if NDVI is delayed, Colorado/partners provide at least the updated contract information so other states can begin evaluation.
 - Willem noted a conversation with Chris Brown that USDA is significantly behind in the NAIP program, potentially contributing to NDVI-related delay.

5. Provide respective state updates on the progress of new and ongoing management strategies for maintaining compact compliance.

- Nebraska:

- In late fall of 2025, Nebraska administered the river to move 3,450 acre-feet into the KBID account in Harlan County Lake for management actions that occurred in 2025.
 - Currently, augmentation projects are running, and water is being stored in the upstream reservoirs. The State is coordinating with USBR to minimize total time under administration by administering the expected, approximate 10,000 AF at one time rather than while pumping is actively occurring. Nebraska will meet with USBR and the Nebraska NRDs in February to discuss the timing of administration.
 - The NRDs are currently pumping in three project areas (NCORPE, Rock Creek, Turkey Creek). Pumping began 1-2 weeks before this meeting. For the Turkey Creek project, Nebraska indicated that pumping will be reported in the data exchange under augmentation pumping and should be handled similarly to Rock Creek and NCORPE. Willem requested the same level of detail as other augmentation inputs when the data is exchanged in April.
 - Tri-Basin IMP Update: Nebraska finalized an updated Tri-Basin Integrated Management Plan, and there will be a public hearing for this on February 4, 2026, in Holdrege, with an information session one hour before the formal hearing.
 - Colorado: Willem relayed that the plan (per Randy) is to run the CCP up to the end of May. The estimated need is 15,000-16,000 AF this year, but uncertainty remains until the 2025 pumping data are available.
 - Kansas: No updates to report
6. Prepare the 64th RRCA annual meeting report (for the year 2024) for approval by the RRCA at the 2026 annual meeting.
- Committee has the annual meeting transcript (from Chelsea) and has a method to make edits/redlines.
 - Nebraska expects to provide comments within the next month.
 - Chelsea indicated she will incorporate replies, return to the reporter for a final transcript, then compile the summary for spring completion.

Minutes for the
**QUARTERLY MEETING of the
ENGINEERING COMMITTEE of the
REPUBLICAN RIVER COMPACT ADMINISTRATION**
April 17, 2026 2:00 Central Time

1. Introductions
 - a. NE: Kari Burgert, Sam Capps
 - b. KS: Chris Beightel, Steven Thurlow, Chelsea Erickson
 - c. CO: Ivan Franco, Willem Schreuder
2. Review/Modify Agenda
 - a. No modifications were offered to the agenda
3. Review and Update Progress on Engineering Committee Task List (Below agenda items)
4. Discuss Potential Upcoming Accounting Procedures Adjustments
 - a. Nebraska gave an overview of the Superior Canal new diversion point project, which has a new diversion point below Guide Rock.
 - b. Nebraska discussed some options that could be considered for accounting for the additional diversion point. The discussion covered options that either would or would not require changes to the Accounting Procedures.
 - c. Nebraska displayed slides for the discussion, which Kansas requested to have sent out for further consideration after the meeting.
 - d. Nebraska noted that the project is expected to be active for irrigation season 2027 and that NBID could operate the new diversion point without agreement on the accounting, but Nebraska has been aiming to draft any changes needed for Commissioner review by the upcoming annual meeting.
 - e. Ivan asked why the new diversion point is needed. Kari noted that it is primarily to more efficiently serve the lower-end acres.
 - f. Willem asked about the capacity of the new diversion. Kari noted that Nebraska would follow-up on this question.
 - g. Discussion on next steps followed. Kansas requested time for further review and potentially conversation with Nebraska before providing any recommendation. Colorado had no recommendation on next steps at this time.
 - h. Chris discussed the status of the Almena Canal. The canal is partially abandoned currently. The desire by the district is to release water from the reservoir and have pump sites with direct delivery to all fields. Based on Chris's conversation with the USBR on how the data are reported, no accounting procedures adjustments seem to be necessary for Almena operations.
5. Summary of Meeting Actions/Assignments
 - a. Nebraska to draft 2025 Accounting spreadsheet; Willem to review.
 - b. Kansas and Nebraska to review Colorado's submission for South Fork retirements.
 - c. Kansas to finalize the annual meeting transcripts and send draft report for review.
 - d. Nebraska to send Superior project discussion slides; Kansas will follow-up with questions.
6. Proposed EC Meetings
 - a. July 10, 2026 2:00-3:00 Central Time

- i. Willem noted that he may be unavailable for this meeting.

7. Adjourn

ENGINEERING COMMITTEE TASK LIST

1. Meet quarterly to review the tasks assigned to the committee.
 - This is the third quarterly meeting. The remaining quarterly meetings have been scheduled for the dates on agenda item 6.
 - January meeting minutes have been circulated and reviewed by Kansas and Colorado. Kansas and Colorado had no suggested edits.
2. Complete the 2025 compact accounting:
 - Exchange by April 15, 2026, the information listed in Section V of the RRCA Accounting Procedures and Reporting Requirements, and other data required by that document, including all necessary documentation.
 - Kansas provided data on April 14, 2026.
 - Nebraska provided data on April 15, 2026.
 - Colorado data was published on April 15, 2026, with the website update provided by Willem on that day.
 - Exchange by July 15, 2026, any updates to these data.
 - No one is expecting any large data updates prior to this deadline.
 - Finalize the 2025 accounting and recommend it for approval by the RRCA.
 - Nebraska will draft a 2025 Accounting spreadsheet to provide for review with the 2026 early accounting update in May.
 - Willem will do a check against the website accounting and data entered in the SWInputs spreadsheet.
 - Kari noted that last checked, the North Fork gage was the only one not yet finalized by the USGS.
3. Continue to develop and maintain:
 - *Summary of Historical Changes to the RRCA's Accounting Procedures and Reporting Requirements* as necessary.
 - No updates reported
 - the RRCA administrative website that serves as an informational page for the public
 - Chelsea reported Stefan provided links to Nebraska Department of Water, Energy, and Environment's new webpage, which she updated on the administrative website.
 - accounting tools developed by the Engineering Committee.
 - No updates reported
4. Track and monitor Colorado's progress toward permanent retirement of 25,000 acres from irrigation in the South Fork Republican River basin, as required under the 2016 South Fork Resolution and its amendments.

- Ivan reported that everyone should have received an update on the South Fork Focus Zone retirements, with updated Google Drive links to contracts, on April 9.
 - Chris noted that the links are not clickable, but he can copy them into a browser. Ivan will forward that issue on to see if others can find a solution.
5. Provide respective state updates on the progress of new and ongoing management strategies for maintaining compact compliance.
- Willem reported that CCP is running and is planned to run until the end of May. Current projection is for 15,500 AF from CCP in 2026.
 - Sam reported that Nebraska is running the augmentation projects and has administered the basin so that the water is available in the Kansas Account in Harlan County Lake, per Kansas's request. The USBR confirmed that 57,000 AF was in the Kansas Account as of March 13. Nebraska is planning on sending a letter to Kansas to finalize.
 - Nebraska is working on a drought dashboard with the Republican NRDs, which will have some Compact information on the page. Nebraska plans to share the link to the site with Colorado and Kansas. Nebraska is also working on a drought plan for the Republican Basin in Nebraska.
 - Kansas had no update.
6. Prepare the 64th RRCA annual meeting report (for the year 2024) for approval by the RRCA at the 2026 annual meeting.
- Chelsea reported that she had received comments from Colorado and Nebraska on the transcript and was preparing the comments to send to the transcriptionist for finalization.
 - Clarification was provided that Nebraska's comments were all side comments and not in-line/redline.
 - Kansas is drafting the report.

MINUTES for the
**QUARTERLY MEETING of the
ENGINEERING COMMITTEE of the
REPUBLICAN RIVER COMPACT ADMINISTRATION**
July 10, 2026 2:00 Central Time

1. Introductions
 - a. NE: Kari Burgert, Sam Capps, Stefan Remund, Anthony Skaleski
 - b. KS: Chris Beightel, Steven Thurlow, Hongsheng Cao, Chelsea Erickson
 - c. CO: Ivan Franco, Tracy Kosloff
2. Review/Modify Agenda
 - a. No modifications to the agenda were offered.
3. Review and Update Progress on Engineering Committee Task List (Below agenda items)
4. Discuss Potential Upcoming Accounting Procedures Adjustments
 - a. Nebraska updates: Since the last meeting, Chris and Kari spoke about some operational questions he has. Nebraska is determining the best way to get those questions answered.
 - b. Nebraska has been working on two main revision options for the accounting. Nebraska will continue discussing with the Bureau and irrigation district about data available to make one of the following changes:
 - i. Attachment 7 separating out all the diversions, deliveries, spills for above Guide Rock diversion and below Guide Rock diversion.
 - ii. Keeping Attachment 7 as is, and in attachment 6 having additional data point of the proportion of above Guide Rock diversion and below Guide Rock diversion to prorate the deliveries in CBCU and spills.
5. Summary of Meeting Actions/Assignments
 - a. Nebraska will:
 - i. Draft the 2025 accounting
 - ii. Draft EC report for review
 - iii. Provide final data for RRCA data exchange next week
 - iv. Send email addressing specific points of confusion with Kansas's submission of Almena Attachment 7 and Prairie Dog Creek small pumpers accounting
 - (i) Set up a meeting with Kansas to clarify, if needed.
 - b. Colorado will provide additional information regarding South Fork retirement contract 18CR045K.
 - c. Kansas will complete and send out a draft of the 2025 RRCA Annual Report for review.
6. Future Meetings
 - a. RRCA Annual Meeting: August 27, 2026 at McCook Community College
 - b. Kari and Chris agreed that the states could tentatively plan to add a Compact Call Year Forecast discussion on to fall irrigation district meeting.
7. Adjourn

ENGINEERING COMMITTEE TASK LIST

1. Meet quarterly to review the tasks assigned to the committee.

- a. Fourth quarterly meeting held on July 10th, 2026. April meeting minutes have been circulated and reviewed by Kansas and Colorado. Neither Kansas nor Colorado had any suggestions for edits.
2. Complete the 2025 compact accounting:
 - a. Exchange by April 15, 2026, the information listed in Section V of the RRCA Accounting Procedures and Reporting Requirements, and other data required by that document, including all necessary documentation.
 - b. Exchange by July 15, 2026, any updates to these data.
 - i. Kansas provided updates on 23 June 2026
 - (i) Nebraska asked follow-up questions by email on 2 July 2026 and received response from Kansas on 8 July 2026. Nebraska had additional comments/questions:
 - Kansas's draft of Attachment 7 noted that Kansas has not historically included spills. Nebraska noted that for and since the 2007-2015 Accounting approval, the approved accountings has annually included spills as reported by the Bureau of Reclamation.
 - Nebraska asked for clarification about the connection between Almena (Attachment 7) and Prairie Dog Creek small pumpers in the data provided by Kansas.
 - Kansas and Nebraska agreed to go over these data outside of the meeting before July 15.
 - Nebraska noted some discrepancies with the Kansas and Nebraska Federal reservoir evaporation calculations that they each provide. Kansas had previously noted this as well. Nebraska and Kansas agreed to go over the discrepancies this fall in the interest of eliminating future differences.
 - ii. Nebraska will send an update on their data next week.
 - iii. Colorado has no expected updates to their data.
 - c. Finalize the 2025 accounting and recommend it for approval by the RRCA.
 - i. Nebraska will update and send a draft 2025 Accounting spreadsheet soon after Nebraska sends out data updates and Willem runs a groundwater model update.
3. Continue to develop and maintain:
 - a. *Summary of Historical Changes to the RRCA's Accounting Procedures and Reporting Requirements* as necessary.
 - i. No comments on this item.
 - b. the RRCA administrative website that serves as an informational page for the public
 - i. Anthony was announced as a new representative for Nebraska on the website subcommittee.

- c. accounting tools developed by the Engineering Committee.
 - i. No comments on this item.
- 4. Track and monitor Colorado's progress toward permanent retirement of 25,000 acres from irrigation in the South Fork Republican River basin, as required under the 2016 South Fork Resolution and its amendments.
 - a. Tracy: Colorado submitted a report in April. Links from table to additional information were not working. New file was uploaded yesterday. The only change is that the links are now fixed.
 - b. Current progress: the submittal in April documented contracts received through May 2025, representing over 18,000 retired acres.
 - c. Nebraska asked for clarifying information about Contract 18CR045K to show the retirement of the field under that contract.
 - i. Tracy will follow up with additional information.
- 5. Provide respective state updates on the progress of new and ongoing management strategies for maintaining compact compliance.
 - a. Neither Kansas nor Colorado have updates on this item.
 - b. Nebraska presented the state's Republican Basin Drought Monitor dashboard. Stefan shared the [dashboard](#) link in meeting chat.
 - i. The dashboard is a tool for NRDs and stakeholders to better communicate/understand drought conditions in the basin.
 - ii. What is included:
 - (i) A map window showing:
 - United States Drought Monitor (USDM) drought areas
 - Condition Monitoring Observer Reports (CMOR) citizen science tool drought impacts reports
 - DWEE Streamgage Cameras
 - Drought emergency resource links
 - (ii) Pie chart showing percentages of USDM categories in the Basin
 - (iii) Federal reservoir storage
 - (iv) Forecasted irrigation supply for Harlan County
 - (v) Hardy Gage and Courtland Gage discharge
 - (vi) Status of a Water Short Year and Compact Call Year
 - (vii) ON/OFF indicators for augmentation project pumping
 - c. Nebraska will send current projection of Compact Compliance Volume by the end of the day.
- 6. Prepare the 64th RRCA annual meeting report (for the year 2024) for approval by the RRCA at the 2026 annual meeting.
 - Kansas has received the transcript from the reporter, noticed issues of some comments not being addressed, and is working the reporter to resolve.
 - Chelsea has started the annual report. Within the next week or two, Kansas will send the

Attachment 2

Accounting Inputs and Tables from the RRCA Accounting for 2025

Attachment 8: Calculations of the Computed Water Supply Adjustment and Remaining Compact Compliance Volume for Implementation of the 2016 RRCA Resolution

CCV and RCCV Tracking ^a												
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
Year	Start of Year RCCV	RCCV Adjustment	CCV	CCV Inflow Into HCL	RCCV Inflow Into HCL	Total CCV and RCCV Inflow Into HCL	Total CCV and RCCV Available for Release	CCV Released from HCL as Flow	CCV Released from HCL as Evaporation	CCV Retained in HCL (at End of Year)	CWSA	End of Year RCCV
	=Col 12 of previous year	^b	^c			= Col. 4 + Col. 5	=Col. 6 + Col. 10 of previous year			= Col. 7 – (Col. 8 + Col. 9)	=Col. 10 – Col. 10 of previous year	= Col. 1 – Col. 2 + Col. 3 – Col. 6 ^d
2007	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	8,332	0	8,332	8,332	0	0	8,332	8,332	0
2016	0	0	41,935	24,752	0	24,752	33,084	5,084	4,321	23,679	15,347	9,300
2017	9,300	0	20,000	20,000	0	20,000	43,679	20,000	2,241	21,438	(2,241)	9,300
2018	9,300	0	0	0	0	0	21,438	0	1,339	20,099	(1,339)	9,300
2019	9,300	0	0	0	0	0	20,099	0	2,340	17,759	(2,340)	9,300
2020	9,300	1,860	0	0	0	0	17,759	0	3,889	13,870	(3,889)	7,440
2021	7,440	1,860	0	0	0	0	13,870	0	1,550	12,320	(1,550)	5,580
2022	5,580	1,860	0	0	0	0	12,320	0	4,354	7,966	(4,354)	3,720
2023	3,720	1,860	0	0	1,860	1,860	9,826	0	1,026	8,800	834	0
2024	0	0	0	0	0	0	8,800	0	2,305	6,495	(2,305)	0
2025	0	0	41,022	3,450	0	3,450	9,945	0	1,289	8,656	2,161	37,572

RCCV Adjustment Calculation							
CCY?	RCCV Annual Increase (Excluding RCCV Adj)	RCCV's Yr. Cum. Increase since last CCY to Non-CCY	RCCV Adjustment Year 1	RCCV Adjustment Year 2	RCCV Adjustment Year 3	RCCV Adjustment Year 4	RCCV Adjustment Year 5
1 if CCY, otherwise 0							
0	0	0	0				
0	0	0	0	0			
0	0	0	0	0	0		
0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0
1	9,300	0	0	0	0	0	0
1	0	9,300	0	0	0	0	0
1	0	9,300	0	0	0	0	0
1	0	9,300	0	0	0	0	0
0	0	9,300	1,860	0	0	0	0
0	0	0	0	1,860	0	0	0
0	0	0	0	0	1,860	0	0
1	(1,860)	0	0	0	0	1,860	0
1	0	0	0	0	0	0	0
1	37,572	0	0	0	0	0	0

APV and RWS					RCCV Calc
Colorado		Nebraska			
Aug. Pumping Volume (APV)	Resolution Water Supply Credit (CORWS)	Aug. Pumping Volume (APV) Rock Creek That Passed Sub-basin Gage in the Current Year	Aug. Pumping Volume (APV) N-CORPE That Passed Sub basin Gage in the Current Year	Resolution Water Supply Credit (NERWS)	Extra CCV Efforts Above CCV (Use with RCCV Calc)
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	15,766	0	15,766	0
7,448	7,448	19,397	42,758	62,155	0
10,760	10,760	1,098	25,932	18,698	8,332
10,130	10,130	499	22,803	41,935	449
11,330	11,330	4,563	11,106	20,000	0
13,578	13,578	0	0	0	0
8,905	8,905	0	0	0	0
6,218	6,218	0	0	0	0
9,390	9,390	0	0	0	0
8,501	8,501	0	0	0	0
12,259	12,259	0	0	0	0
9,873	9,873	0	0	0	0
13,637	13637	0	0	41,022	0

a. Calculations for RCCV, CWSA, & RWS don't start until Oct. 1, 2015

b. See Provision 10 of the RRCA Resolution signed August 24, 2016, titled "Resolution Approving Long-Term Agreement Related to the Operation of Harlan County Lake for Compact Call Years" for the terms of assigning RCCV Adjustment. The RCCV Adjustment for each year is equal to 20% of the unadjusted portion of the RCCV, if it is a non-Compact Call Year, plus any remaining volumetric reductions from the previous four years.

c. In years when the contributions from Nebraska's water management activities, consistent with the 2016 CCY HCL Operations Resolution, are greater than CCV and the NERWS is equal to the greater contribution volume, CCV in Column 3 should also be set equal to the contribution.

d. The formula for calculation of RCCV is based on calendar year operations and will vary when operations occur in a different calendar year than NERWS Credit is applied.

Calendar Year		2021	2022	2023	2024	2025
2025						
Groundwater Data						
North Fork Subbasin	GW CBCU Colorado	17,951	17,903	19,066	19,379	19,949
	GW CBCU Kansas	0	0	0	0	0
	GW CBCU Nebraska	1,272	1,288	1,329	1,347	1,366
Arikaree Subbasin	GW CBCU Colorado	1,443	735	2,214	2,688	2,993
	GW CBCU Kansas	115	128	236	104	126
	GW CBCU Nebraska	110	105	157	109	124
Buffalo Subbasin	GW CBCU Colorado	437	394	435	479	525
	GW CBCU Kansas	0	0	0	0	0
	GW CBCU Nebraska	3,569	3,535	3,635	3,727	3,806
Rock Subbasin	GW CBCU Colorado	82	88	95	100	117
	GW CBCU Kansas	0	0	0	0	0
	GW CBCU Nebraska	5,113	5,015	5,161	5,296	5,432
South Fork Subbasin	GW CBCU Colorado	13,764	12,347	16,252	14,188	16,293
	GW CBCU Kansas	5,176	4,381	7,987	3,839	6,339
	GW CBCU Nebraska	774	820	1,165	604	1,023
Frenchman Subbasin	GW CBCU Colorado	200	192	187	180	185
	GW CBCU Kansas	0	0	0	0	0
	GW CBCU Nebraska	79,922	76,085	88,333	80,512	86,313
Driftwood Subbasin	GW CBCU Colorado	0	0	0	0	0
	GW CBCU Kansas	0	0	0	0	0
	GW CBCU Nebraska	828	866	952	961	958
Red Willow Subbasin	GW CBCU Colorado	0	0	0	0	0
	GW CBCU Kansas	0	0	0	0	0
	GW CBCU Nebraska	8,862	7,773	9,475	9,053	8,839
Medicine Creek Subbasin	GW CBCU Colorado	0	0	0	0	0
	GW CBCU Kansas	0	0	0	0	0
	GW CBCU Nebraska	20,562	19,933	23,406	22,409	22,212
Beaver Subbasin	GW CBCU Colorado	0	0	0	0	0
	GW CBCU Kansas	5,163	3,243	4,624	5,860	5,439
	GW CBCU Nebraska	3,228	1,840	2,779	3,872	3,394
Sappa Subbasin	GW CBCU Colorado	0	0	0	0	0
	GW CBCU Kansas	1,241	51	(49)	1,086	670
	GW CBCU Nebraska	1,560	1,011	922	1,157	1,102
Prairie Dog Subbasin	GW CBCU Colorado	0	0	0	0	0
	GW CBCU Kansas	2,724	1,450	2,818	4,603	3,187
	GW CBCU Nebraska	0	0	0	0	0
Mainstem Subbasin	GW CBCU Colorado	(3,839)	(5,340)	(9)	(3,424)	(2,374)
	GW CBCU Kansas Above Guide Rock	(353)	(103)	(2,285)	(848)	(1,388)
	GW CBCU Kansas Below Guide Rock	56	63	69	67	62
	GW CBCU Nebraska Above Guide Rock	62,951	43,723	64,325	60,790	61,171
	GW CBCU Nebraska Below Guide Rock	2,534	2,203	2,854	2,674	2,333
Import Water Data						
North Fork Subbasin	Imported Water Nebraska	0	0	0	0	0
Arikaree Subbasin	Imported Water Nebraska	0	0	0	0	0
Buffalo Subbasin	Imported Water Nebraska	0	0	0	0	0
Rock Subbasin	Imported Water Nebraska	0	0	0	0	0
South Fork Subbasin	Imported Water Nebraska	0	0	0	0	0
Frenchman Subbasin	Imported Water Nebraska	0	0	0	0	15
Driftwood Subbasin	Imported Water Nebraska	0	0	0	0	0
Red Willow Subbasin	Imported Water Nebraska	49	26	43	40	41
Medicine Creek Subbasin	Imported Water Nebraska	10,693	9,351	11,141	10,937	10,977
Beaver Subbasin	Imported Water Nebraska	0	0	0	0	0
Sappa Subbasin	Imported Water Nebraska	29	13	0	11	11
Prairie Dog Subbasin	Imported Water Nebraska	0	0	0	0	0
Mainstem Subbasin	Imported Water Nebraska Above Guide Rock	10,699	6,769	5,536	7,300	6,600
	Imported Water Nebraska Below Guide Rock	(14)	(17)	(17)	(19)	(16)
	Total	21,456	16,142	16,703	18,269	17,628

Calendar Year		2021	2022	2023	2024	2025
SW Pumping Data						
North Fork Subbasin	SW Diversions - Irrigation -Non-Federal Canals- Colorado	195	349	192	174	188
	SW Diversions - Irrigation - Small Pumps - Colorado	22	7	0	0	0
	SW Diversions - M&I - Colorado	0	0	0	0	0
Arikaree Subbasin	SW Diversions - Irrigation -Non-Federal Canals- Colorado	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Colorado	0	0	0	0	0
	SW Diversions - M&I - Colorado	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals- Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Kansas	0	0	0	0	0
	SW Diversions - M&I - Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska	0	0	0	0	0
Buffalo Subbasin	SW Diversions - M&I - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation -Non-Federal Canals- Colorado	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Colorado	0	0	0	0	0
	SW Diversions - M&I - Colorado	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska	98	29	189	133	198
	SW Diversions - Irrigation - Small Pumps - Nebraska	6	0	5	0	3
Rock Subbasin	SW Diversions - M&I - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska	0	0	0	0	0
	SW Diversions - M&I - Nebraska	0	0	0	0	0
South Fork Subbasin	SW Diversions - Irrigation -Non-Federal Canals- Colorado	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Colorado	0	0	0	0	0
	SW Diversions - M&I - Colorado	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals- Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Kansas	0	0	0	0	0
	SW Diversions - M&I - Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska	0	0	0	0	0
	SW Diversions - M&I - Nebraska	0	0	0	0	0
Frenchman Subbasin	SW Diversions - Irrigation - Non-Federal Canals - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska	0	0	0	0	0
	SW Diversions - M&I - Nebraska	0	0	0	0	0
Driftwood Subbasin	SW Diversions - Irrigation - Non-Federal Canals- Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Kansas	0	0	0	0	0
	SW Diversions - M&I - Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska	0	0	0	0	0
	SW Diversions - M&I - Nebraska	0	0	0	0	0
Red Willow Subbasin	SW Diversions - Irrigation - Non-Federal Canals - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska	79	0	44	17	10
	SW Diversions - M&I - Nebraska	0	0	0	0	0
Medicine Creek Subbasin	SW Diversions - Irrigation - Non-Federal Canals - Nebraska - Above Gage	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska - Above Gage	62	68	34	0	15
	SW Diversions - M&I - Nebraska - Above Gage	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska -Below Gage	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps -Nebraska - Below Gage	61	62	36	33	59
	SW Diversions - M&I - Nebraska - Below Gage	0	0	0	0	0
Beaver Subbasin	SW Diversions - Irrigation -Non-Federal Canals- Colorado	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Colorado	0	0	0	0	0
	SW Diversions - M&I - Colorado	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals- Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Kansas	14	14	18	14	0
	SW Diversions - M&I - Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska - Above Gage	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska - Above Gage	0	0	0	0	0
	SW Diversions - M&I - Nebraska - Above Gage	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska -Below Gage	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps -Nebraska - Below Gage	0	0	0	0	0
	SW Diversions - M&I - Nebraska - Below Gage	0	0	0	0	0
Sappa Subbasin	SW Diversions - Irrigation - Non-Federal Canals- Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Kansas	0	0	0	0	0
	SW Diversions - M&I - Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska - Above Gage	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska - Above Gage	0	0	0	0	0
	SW Diversions - M&I - Nebraska - Above Gage	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska -Below Gage	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps -Nebraska - Below Gage	0	0	0	0	0
	SW Diversions - M&I - Nebraska - Below Gage	0	0	0	0	0
Prairie Dog Subbasin	SW Diversions - Irrigation - Non-Federal Canals- Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Kansas	519	531	418	531	427
	SW Diversions - M&I - Kansas	376	383	361	317	346
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska -Below Gage	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps -Nebraska - Below Gage	92	63	59	132	110
	SW Diversions - M&I - Nebraska - Below Gage	0	0	0	0	0
Mainstem Subbasin	SW Diversions - Irrigation - Non-Federal Canals- Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Kansas	889	797	1,069	797	458
	SW Diversions - M&I - Kansas	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska	1,830	3,332	2,616	3,405	2,109
	SW Diversions - Irrigation - Small Pumps - Nebraska	1,461	1,830	2,137	1,959	1,123
	SW Diversions - M&I - Nebraska	0	0	0	0	0
	SW Diversions - Irrigation - Non-Federal Canals - Nebraska Below Guide Rock	0	0	0	0	0
	SW Diversions - Irrigation - Small Pumps - Nebraska Below Guide Rock	665	763	1,026	944	606
	SW Diversions - M&I - Nebraska - Below Guide Rock	0	0	0	0	0

Calendar Year		2021	2022	2023	2024	2025
Non-Federal SW Consumptive Use						
	% Non-Federal Canal Diversion Consumed	60%	60%	60%	60%	60%
	% Small Surface Water Pumps Consumed	75%	75%	75%	75%	75%
	% Municipal And Industrial SW Consumed	50%	50%	50%	50%	50%
Non-Federal Reservoir Evaporation Data						
North Fork Subbasin	Non-Federal Reservoir Evaporation - Colorado	39	44	61	44	39
Arikaree Subbasin	Non-Federal Reservoir Evaporation - Colorado	0	0	0	0	0
	Non-Federal Reservoir Evaporation - Kansas	16	21	15	16	15
	Non-Federal Reservoir Evaporation - Nebraska	0	0	0	0	0
Buffalo Subbasin	Non-Federal Reservoir Evaporation - Colorado	0	0	0	0	0
	Non-Federal Reservoir Evaporation - Nebraska	11	16	6	9	6
Rock Subbasin	Non-Federal Reservoir Evaporation - Nebraska	127	184	73	105	67
South Fork Subbasin	Non-Federal Reservoir Evaporation - Colorado	0	0	0	0	0
	Non-Federal Reservoir Evaporation - Kansas	137	180	132	137	130
	Non-Federal Reservoir Evaporation - Nebraska	0	0	0	0	0
Frenchman Subbasin	Non-Federal Reservoir Evaporation - Nebraska	106	154	56	83	50
Driftwood Subbasin	Non-Federal Reservoir Evaporation - Kansas	16	22	10	12	8
	Non-Federal Reservoir Evaporation - Nebraska	0	0	0	0	0
Red Willow Subbasin	Non-Federal Reservoir Evaporation - Nebraska	222	353	91	159	136
Medicine Creek Subbasin	Non-Federal Reservoir Evaporation - Nebraska - Above Gage	251	413	119	181	171
	Non-Federal Reservoir Evaporation - Nebraska - Below Gage	3	5	2	2	3
	Non-Federal Reservoir Evaporation - Colorado	0	0	0	0	0
Beaver Subbasin	Non-Federal Reservoir Evaporation - Kansas	373	522	237	278	180
	Non-Federal Reservoir Evaporation - Nebraska - Above Gage	126	226	90	106	117
	Non-Federal Reservoir Evaporation - Nebraska - Below Gage	0	0	0	0	0
Sappa Subbasin	Non-Federal Reservoir Evaporation - Kansas	401	561	254	299	193
	Non-Federal Reservoir Evaporation - Nebraska - Above Gage	46	99	37	56	53
	Non-Federal Reservoir Evaporation - Nebraska - Below Gage	2	6	2	4	3
Prairie Dog Subbasin	Non-Federal Reservoir Evaporation - Kansas	270	410	208	197	233
	Non-Federal Reservoir Evaporation - Nebraska	12	33	11	22	17
Mainstem Subbasin	Non-Federal Reservoir Evaporation - Kansas	78	135	61	108	74
	Non-Federal Reservoir Evaporation - Nebraska - Above Guide Rock Gage - Whole Basin Value:	983	1,934	757	1,099	938
	Non-Federal Reservoir Evaporation - Nebraska - Below Guide Rock Gage - Whole Basin Value:	51	95	78	97	42
Stream Gage Data						
North Fork Subbasin	North Fork Republican River At Colorado-Nebraska State Line	25,846	21,129	28,618	23,138	27,441
Arikaree Subbasin	Arikaree River At Haigler	1,635	982	1,678	1,283	1,861
Buffalo Subbasin	Buffalo Creek Near Haigler	1,583	1,030	1,601	1,452	934
Rock Subbasin	Rock Creek At Parks	3,583	2,955	3,963	3,384	3,089
South Fork Subbasin	South Fork Republican River Near Benkelman	321	0	48	7	0
Frenchman Subbasin	Frenchman Creek At Culbertson	16,678	10,761	30,628	19,036	21,530
Driftwood Subbasin	Driftwood Creek Near McCook	1,999	992	7,130	1,740	1,885
Red Willow Subbasin	Red Willow Creek Near Red Willow	4,012	2,678	4,653	3,620	2,546
Medicine Creek Subbasin	Medicine Creek Below Harry Strunk	22,871	29,716	17,440	23,536	26,742
Beaver Subbasin	Beaver Creek Near Beaver City	796	484	648	519	447
Sappa Subbasin	Sappa Creek Near Stamford	14,925	5,718	4,923	8,215	3,458
Prairie Dog Subbasin	Prairie Dog Creek Near Woodruff	6,646	2,414	4,178	7,586	1,885
Mainstem Subbasin	Republican River At Guide Rock	115,649	32,213	14,677	30,975	37,586
	Republican River Near Hardy	142,152	69,608	34,861	53,546	67,381
Hardy Gage Data						
	USGS Gage 06853500 Republican River Near Hardy, NE					
Mainstem Subbasin	January	7,475	8,005	2,523	4,682	3,121
	February	7,332	7,615	2,410	4,161	4,932
	March	28,746	9,074	7,361	7,765	4,477
	April	20,400	6,592	4,173	7,547	1,763
	May	25,198	4,958	2,091	10,187	9,224
	June	14,672	3,981	3,006	8,278	3,105
	July	8,141	18,172	2,301	3,805	7,626
	August	8,550	3,666	2,561	1,933	11,976
	September	3,034	2,326	1,918	917	4,582
	October	2,535	1,624	1,454	917	5,083
	November	7,470	1,775	1,673	1,474	5,607
	December	8,600	1,815	3,389	1,880	5,886
	ANNUAL	142,153	69,603	34,861	53,546	67,382

Calendar Year		2021	2022	2023	2024	2025
Reservoir Data						
South Fork Subbasin	Bonny Reservoir Evaporation	0	0	0	0	0
	Bonny Reservoir Change In Storage	0	0	0	0	0
Frenchman Subbasin	Enders Reservoir Evaporation	1,616	2,133	876	1,289	828
	Enders Reservoir Change In Storage	(655)	(1,438)	1,403	(64)	468
Red Willow Subbasin	Hugh Butler Lake Evaporation	2,608	4,171	850	850	1,272
	Hugh Butler Lake Change In Storage	(2,618)	(4,825)	5,320	(2,699)	1,566
Medicine Creek Subbasin	Harry Strunk Lake Evaporation	2,452	4,246	2,012	2,025	2,563
	Harry Strunk Lake Change In Storage	2,950	(8,481)	8,670	1,527	(2,902)
Prairie Dog Subbasin	Keith Sebelius Lake Evaporation	3,342	4,223	1,875	1,731	2,224
	Keith Sebelius Lake Change In Storage	(3,444)	(5,431)	4,938	(2,575)	(2,295)
Mainstem Subbasin	Swanson Lake Evaporation	8,671	10,634	4,093	6,807	3,879
	Swanson Lake Change In Storage	(9,291)	(21,713)	31,139	(4,592)	(2,288)
	Harlan County Evaporation Subject to Nebraska/Kansas Split	11,476	31,111	9,211	19,649	14,197
	Harlan County Evaporation Charged to Kansas	0	0	0	0	0
	Harlan County Change In Storage	754	(54,915)	(5,777)	(4,228)	(25,981)
	Lovewell Reservoir Ev charged to the Republican River	1,290	3,332	3,218	3,525	939
Canal Data						
North Fork Subbasin	Haigler Canal Diversions - Colorado	0	0	0	0	0
	Haigler Canal Diversions - Nebraska	5,640	6,216	4,182	5,014	4,362
	Haigler Canal Diversions	5,640	6,216	4,182	5,014	4,362
South Fork Subbasin	Hale Ditch Diversions	0	0	0	0	0
Frenchman Subbasin	Champion Canal Diversions	9	9	9	9	9
	Riverside Canal Diversions	0	0	0	0	0
	Culbertson Canal Diversions	5,988	3,788	0	0	0
	Culbertson Canal Extension Diversions	0	0	0	0	0
	Culbertson Canal % Return Flow	82%	82%	100%	100%	100%
Driftwood Subbasin	Culbertson Canal Extension % Return Flow	100%	100%	100%	100%	100%
	Meeker-Driftwood Canal Diversions	18,654	21,898	0	15,935	16,141
Red Willow Subbasin	Meeker-Driftwood Canal % Return Flow	60%	62%	100.0%	61.0%	58.3%
	Red Willow Canal Diversions	5,161	5,451	0	4,251	0
Prairie Dog Subbasin	Red Willow Canal % Return Flow	63%	65%	100%	68%	100%
	Almena Canal Diversions	2,593	2,542	0	2,343	1,509
Mainstem Subbasin	Almena Canal % Return Flow	58%	61%	100.0%	56.1%	42.0%
	Bartley Canal Diversion	8,468	6,640	7,099	6,863	6,320
	Bartley Canal % Return Flow	67%	59%	67%	69%	69%
	Cambridge Canal Diversion	25,971	26,873	22,285	23,195	22,994
	Cambridge Canal % Return Flow	59%	56%	56.9%	57.7%	57.4%
	Naponee Canal Diversion	1,381	1,288	862	1,038	1,136
	Naponee Canal % Return Flow	73%	71%	66%	54%	71%
	Franklin Canal Diversion	20,907	24,542	19,810	19,075	20,788
	Franklin Canal % Return Flow	73%	67%	67%	67%	71%
	Franklin Pump Canal Diversions	904	1,739	1,253	1,550	1,412
	Franklin Pump Canal % Return Flow	67%	61%	58%	40%	63%
	Superior Canal Diversions	9,551	9,827	11,708	9,450	7,398
	Superior Canal % Return Flow	68%	66%	66%	68%	69%
	Courtland Canal Diversions At Headgate	73,224	74,964	77,296	73,124	47,663
	Diversions to Nebraska Courtland	980	2,007	867	1,715	449
	Nebraska Courtland % Return Flow	27%	29%	26%	28%	28%
	Courtland Canal, Loss in NE assigned to upper Courtland KS	3,712	4,905	2,773	3,295	2,431
	Courtland Canal, Loss in NE assigned to delivery to Lovewell	7,815	12,385	6,511	7,870	5,853
	Courtland Canal At Kansas-Nebraska State Line	60,776	55,667	67,145	60,244	38,930
	Courtland Canal Diversions to the Upper Courtland District	24,977	22,666	21,178	20,829	15,665
	Courtland Canal Above Lovewell % Return Flow	59%	53%	47.4%	47.3%	52.6%
	Courtland Canal, Loss assigned to deliveries of water to Lovewell, Stateline to Lovewell	8,795	6,051	5,119	3,521	3,659
	Courtland Canal Deliveries To Lovewell Reservoir	30,657	31,855	43,621	39,189	22,037
	Diversions of Republican River water from Lovewell Reservoir to the Courtland Canal below Lovewell	24,651	28,522	38,774	35,662	21,098
	Courtland Canal Below Lovewell % Return Flow	42%	42%	40.0%	40.6%	44.6%
	To allocate Harlan County evaporation:					
	Kansas Bostwick Diversions During Irrigation Season (actual, or 3-year average)	52,212	44,970	43,964	41,061	30,499
	Nebraska Bostwick Diversions During Irrigation Season (actual or 3-year average)	30,809	39,336	34,441	32,755	30,982

Table 1: Annual Virgin and Computed Water Supply, Allocations, and Computed Beneficial Consumptive Uses by State, Main Stem, and Sub-Basin

2025 Basin	Virgin Water Supply	Computed Water Supply	Allocations				Computed Beneficial Consumptive Use		
			Colorado	Kansas	Nebraska	Unallocated	Colorado	Kansas	Nebraska
North Fork	39,630	39,630	8,880	0	9,750	21,000	20,100	0	3,980
Arikaree	5,110	5,110	4,010	260	860	(20)	2,990	140	120
Buffalo	5,390	5,390	0	0	1,780	3,610	530	0	3,930
Rock	8,710	8,710	0	0	3,480	5,230	120	0	5,500
South Fork	23,780	23,780	10,560	9,560	330	3,330	16,290	6,470	1,020
Frenchman	109,360	108,890	0	0	58,370	50,520	190	0	87,190
Driftwood	600	600	0	40	100	460	0	10	960
Red Willow	14,330	12,760	0	0	2,450	10,310	0	0	9,110
Medicine	37,820	40,720	0	0	3,710	37,010	0	0	22,440
Beaver	9,580	9,580	1,920	3,720	3,890	50	0	5,620	3,510
Sappa	5,020	5,020	0	2,060	2,060	900	0	860	1,160
Prairie Dog	6,600	8,900	0	4,070	680	4,150	0	7,010	100
Main Stem	90,960	121,390	0	62,030	59,360	0	(2,370)	27,900	109,260
Total All Basins	356,890	390,480	25,370	81,740	146,820	136,550	37,850	48,010	248,280
Main Stem Including Unallocated		257,940	0	131,810	126,130				
Total	356,890	390,480	25,370	151,520	213,590	0	37,850	48,010	248,280

Table 2: Original Compact Virgin Water Supply and Allocations

Basin	Virgin Water Supply	Colorado Allocation	% of Basin Supply	Kansas Allocation	% of Basin Supply	Nebraska Allocation	% of Basin Supply	Unallocated	% of Basin Supply
North Fork	44,700	10,000	22.4%			11,000	24.6%	23,700	53.0%
Arikaree	19,610	15,400	78.5%	1,000	5.1%	3,300	16.8%	(90)	-0.4%
Buffalo	7,890					2,600	33.0%	5,290	67.0%
Rock	11,000					4,400	40.0%	6,600	60.0%
South Fork	57,200	25,400	44.4%	23,000	40.2%	800	1.4%	8,000	14.0%
Frenchman	98,500					52,800	53.6%	45,700	46.4%
Driftwood	7,300			500	6.9%	1,200	16.4%	5,600	76.7%
Red Willow	21,900					4,200	19.2%	17,700	80.8%
Medicine	50,800					4,600	9.1%	46,200	90.9%
Beaver	16,500	3,300	20.0%	6,400	38.8%	6,700	40.6%	100	0.6%
Sappa	21,400			8,800	41.1%	8,800	41.1%	3,800	17.8%
Prairie Dog	27,600			12,600	45.7%	2,100	7.6%	12,900	46.7%
Tributaries Sub-Total	384,000							175,500	
Main Stem	94,500								
Main Stem + Unallocated	270,000			138,000	51.1%	132,000	48.9%		
Total	478,900	54,100		190,300		234,500			

Table 3A: Table to Be Used to Calculate Colorado's Five-Year Running Average Allocation and Computed Beneficial

	Col. 1	Col. 2	Col. 3	Col. 4
Year	Allocation	Computed Beneficial Consumptive	Imported Water Supply Credit and CORWS	Difference between Allocation and the Computed Beneficial Consumptive Use offset by Imported Water Supply Credit and CORWS Credit Col 1 – (Col 2- Col 3)
2021	22,790	30,200	9,390	1,980
2022	19,270	26,580	8,501	1,191
2023	25,630	38,420	12,259	(531)
2024	22,540	33,750	9,873	(1,337)
2025	25,370	37,850	13,637	1,157
Avg 2021-2025	23,120	33,360	10,730	490

Table 3B: Table to Be Used to Calculate Kansas's Five-Year Running Average Allocation and Computed Beneficial

	Col. 1	Col. 2	Col. 3	Col. 4
Year	Allocation	Computed Beneficial Consumptive	Imported Water Supply Credit	Difference between Allocation and the Computed Beneficial Consumptive Use offset by Imported Water Supply Credit Col 1 – (Col 2- Col 3)
2021	201,890	57,130	NA	144,760
2022	168,020	67,770	NA	100,250
2023	144,570	62,370	NA	82,200
2024	160,530	68,340	NA	92,190
2025	151,520	48,010	NA	103,510
Avg 2021-2025	165,310	60,720	NA	104,580

Table 3C: Table to Be Used to Calculate Nebraska's Five-Year Running Average Allocation and Computed Beneficial

	Col. 1	Col. 2	Col. 3	Col. 4
Year	Allocation	Computed Beneficial Consumptive	Imported Water Supply Credit and NERWS	Difference between Allocation and the Computed Beneficial Consumptive Use offset by Imported Water Supply Credit and NERWS Credit Col 1 – (Col 2- Col 3)
2021	258,180	252,650	21,456	26,986
2022	221,860	249,960	16,157	(11,943)
2023	212,990	247,580	16,721	(17,869)
2024	218,090	252,360	18,287	(15,983)
2025	213,590	248,280	58,659	23,969
Avg 2021-2025	224,940	250,170	26,260	1,030

Table 4A: Colorado Compliance with the Sub-basin Non-impairment Requirement

Table 4A is left unpopulated pursuant to the August 24, 2016 “RESOLUTION BY THE REPUBLICAN RIVER COMPACT ADMINISTRATION APPROVING OPERATION AND ACCOUNTING FOR THE COLORADO COMPACT COMPLIANCE PIPELINE AND COLORADO’S COMPLIANCE EFFORTS IN THE SOUTH FORK REPUBLICAN RIVER BASIN”, paragraph E.

2025

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6
Sub-basin	Colorado Sub-basin Allocation (Five-year Running Average)	Unallocated Supply (Five-year Running Average)	Credits from Imported Water Supply and CORWS Credit (Five-year Running Average)	Total Available Supply (Five-year Running Average)	Colorado Computed Beneficial Consumptive Use (Five-year Running Average)	Difference Between Available Supply and Computed Beneficial Consumptive Use (Five-year Running Average)
North Fork						
Arikaree						
South Fork						
Beaver						

Table 4B: Kansas's Sub-Basin Non-impairment Compliance

2025

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7
Sub-basin	Kansas Sub-basin Allocation (Five-year Running Average)	Unallocated Supply (Five-year Running Average)	Unused Allocation from Colorado (Five Year Running Average)	Credits from Imported Water Supply (Five-year Running Average)	Total Available Supply Col 1 + Col 2 + Col 3 + Col 4 (Five-year Running Average)	Kansas Computed Beneficial Consumptive Use (Five-year Running Average)	Difference Between Available Supply and Computed Beneficial Consumptive Use Col 5 - Col 6 (Five-year Running Average)
Arikaree	192	(16)	956	N/A	1,132	158	974
South Fork	8,526	2,970	0	N/A	11,496	5,688	5,808
Driftwood	108	1,204	0	N/A	1,312	14	1,298
Beaver	3,466	50	1,788	N/A	5,304	5,194	110
Sappa	3,704	1,602	0	N/A	5,306	942	4,364
Prairie Dog	5,384	5,500	0	N/A	10,884	7,238	3,646

Table 5A: Colorado's Compliance During Water-Short Year Administration

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Year	Is the year Water Short Pursuant to III.J?* (Yes or No)	Statewide Allocation	Beaver Creek Reduction Pursuant to Table 5F	Allocation - Beaver Creek Reduction (Col. 2 - Col.3)	Computed Beneficial Consumptive (excluding the Beaver Creek Sub-basin)	Imported Water Supply Credit - IWS Beaver Creek + CORWS Credit	Difference between Allocation and the Computed Beneficial Consumptive Use offset by Imported Water Supply Credit and CORWS Credit (Col. 4 - Col. 5 + Col. 6)
2021	No	22,790	0	22,790	30,200	9,390	1,980
2022	No	19,270	0	19,270	26,580	8,501	1,191
2023	No	25,630	0	25,630	38,420	12,259	(531)
2024	No	22,540	0	22,540	33,750	9,873	(1,337)
2025	Yes	25,370	1,874	23,496	37,850	13,637	(717)
Avg 2021-2025		23,120	370	22,750	33,360	10,730	120

Table 5F: Colorado's Beaver Creek Reduction During Water-Short Years

Water Short Year (WSY) Pursuant to III.J	Beaver Creek Allocation	Reduction = Average of last five WSY Beaver Creek Allocations
	Col. 1	Col. 2
2002	770	N/A
2003	260	N/A
2004	360	N/A
2005	910	N/A
2006	1,420	N/A
2007	2,320	744
2013	1,130	1,054
2014	1,250	1,228
2015	2,130	1,406
2016	2,430	1,650
2018	2,430	1,852
2025	1,920	1,874

Table 5B: Kansas's Compliance During Water-Short Year Administration
Kansas

Year	Allocation				Computed Beneficial Consumptive Use	Imported Water Supply Credit	Difference Between Allocation and the Computed Beneficial Consumptive Use offset by Imported Water Supply Credit
Column	1	2	3	4	5	6	7
	Sum Sub-basins	Kansas' Share of Unallocated Supply	Kansas' Share of the Unused Colorado Allocation	Total Col 1 + Col 2 + Col 3			Col 4 - (Col 5 - Col 6)
2024	23,330	6,204	1,400	30,934	19,770	N/A	11,164
2025	19,710	4,533	1,502	25,745	20,110	N/A	5,635
Avg 2024-2025	21,520	5,368	1,451	28,339	19,940	N/A	8,399

Table 5E: Nebraska's Tributary Compliance During Water-Short Year Administration

Year	Allocation			Computed Beneficial Consumptive Use	Imported Water Supply Credit and AWS	Allocation - (CBCU - IWS - AWS)
	Sub-Basin Total	Nebraska's Share of Unallocated Supply	Total			
2023	94,690	70,088	164,778	141,530	11,242	34,490
2024	86,800	67,017	153,817	134,520	11,048	30,345
2025	87,460	66,773	154,233	139,020	52,119	67,332
Avg 2024-2025	87,130	66,895	154,025	136,770	31,584	48,839

Table 5C: Nebraska's Compliance During Water-Short Year Administration

Year	Allocation				Computed Beneficial Consumptive Use			Imported Water Supply Credit and NERWS Credit	Difference Between Allocation and Computed Beneficial Consumptive Use offset by Imported Water Supply Credit Above Guide Rock and NERWS Credit
Column	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9
	State-Wide Allocation	Allocation Below Guide Rock	Allocation Above Guide Rock	Nebraska's Share of Unused Colorado Allocation	State-Wide CBCU	CBCU Below Guide Rock	CBCU Above Guide Rock	Credits Above Guide Rock	Col 3 + Col 4 - (Col 7 - Col 8)
2024	218,090	4,790	213,300	1,340	252,360	3,479	248,881	18,306	(15,935)
2025	213,590	9,995	203,595	1,438	248,280	2,830	245,451	58,675	18,257
Avg 2024-2025	215,840	7,390	208,450	1,390	250,320	3,150	247,170	38,490	1,160

Table 5D: Nebraska's Compliance Under a Alternative Water-Short Year Administration Plan

Year	Allocation				Computed Beneficial Consumptive Use			Imported Water	Difference Between Allocation
Column	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9
	State-Wide Allocation	Allocation Below Guide Rock	Allocation Above Guide Rock	Share of Unused Colorado Allocation	State-Wide CBCU	CBCU Below Guide Rock	CBCU Above Guide Rock	Credits Above Guide Rock	Col 3 + Col 4 - (Col 7 - Col 8)
2023	212,990	4,040	208,950	1,394	247,580	3,702	243,879	16,738	(16,797)
2024	218,090	4,790	213,300	1,340	252,360	3,479	248,881	18,306	(15,935)
2025	213,590	9,995	203,595	1,438	248,280	2,830	245,451	58,675	18,257
Avg 2023-2025	214,890	6,270	208,620	1,390	249,410	3,340	246,070	31,240	(4,820)

Attachment 1: Sub-basin Flood Flow Thresholds

Sub-basin	Sub-basin Flood Flow Threshold Acre-feet per Year ³
Arikaree River	16,400
North Fork of Republican River	33,900
Buffalo Creek	9,800
Rock Creek	9,800
South Fork of Republican River	30,400
Frenchman Creek	51,900
Driftwood Creek	9,400
Red Willow Creek	15,100
Medicine Creek	55,100
Beaver Creek	13,900
Sappa Creek	26,900
Prairie Dog	15,700

³ Flows considered to be Flood Flows are flows in excess of the 94% flow based on a flood frequency analysis for the years 1971-2000. The Gaged Flows are measured after depletions by Beneficial Consumptive Use and change in reservoir storage.

Attachment 6: Computing Water Supplies and Consumptive Use Above Guide Rock

Year	Total Mainstem CWS	Hardy Gage	Superior Courtland Diversion Dam	Courtland Canal Diversions	Superior Canal Diversion	Courtland Canal Returns	Superior Canal Returns	Total Bostwick Returns Below Guide Rock	NE CBCU Below Guide Rock	KS CBCU Below Guide Rock	Total CBCU Below Guide Rock	Gain Guide Rock to Hardy	VWS Guide Rock to Hardy	Mainstem VWS Above Guide Rock	NE MS Allocation Above Guide Rock	KS MS Allocation Above Guide Rock	Nebraska Guide Rock to Hardy Allocation	Kansas Guide Rock to Hardy Allocation
2021	204,980	142,152	115,649	73,224	9,551	10,536	6,475	17,011	3,084	723	3,807	9,492	13,299	191,681	93,732	97,949	6,503	6,796
2022	160,360	69,608	32,213	74,964	9,827	15,494	6,460	21,954	2,870	661	3,531	15,441	18,972	141,388	69,139	72,249	9,277	9,695
2023	98,590	34,861	14,677	77,296	11,708	8,802	7,692	16,494	3,702	871	4,572	3,690	8,263	90,327	44,170	46,157	4,040	4,222
2024	131,440	53,546	30,975	73,124	9,450	10,451	6,468	16,920	3,479	665	4,144	5,651	9,795	121,645	59,484	62,161	4,790	5,005
2025	121,390	67,381	37,586	47,663	7,398	7,480	5,111	12,591	2,830	406	3,235	17,204	20,439	100,951	49,365	51,586	9,995	10,444

COURTLAND CANAL					
	2021	2022	2023	2024	2025
Return Flow From Courtland Canal To Republican River Above Lovewell From Kansas	912	835	1,007	904	584
Return Flow From Courtland Canal To Republican River Above Hardy From Nebraska	9,625	14,659	7,794	9,548	6,896
Courtland Canal Diversions At Headgate	73,224	74,964	77,296	73,124	47,663
Courtland Canal At Kansas-Nebraska State Line	60,776	55,667	67,145	60,244	38,930
NE Courtland Canal CBCU (includes transportation loss)	711	1,420	646	1,237	324
Superior Canal CBCU	3,076	3,367	4,016	2,982	2,287

NEBRASKA					
	2021	2022	2023	2024	2025
SW Diversions - Irrigation - Small Pumps - Nebraska Below Guide Rock	665	763	1,026	944	606
SW Diversions - M&I - Nebraska - Below Guide Rock	0	0	0	0	0
SW Non-Federal Reservoir Evaporation - Below Guide Rock	51	95	78	97	42
SW Return - Irrigation	166	191	257	236	152
SW Return - M&I	0	0	0	0	0
GW CBCU Nebraska Below Guide Rock	2,534	2,203	2,854	2,674	2,333

KANSAS					
	2021	2022	2023	2024	2025
SW CBCU - Irrigation - Small Pumps	667	598	802	598	344
SW CBCU - M&I	0	0	0	0	0
GW CBCU Kansas Below Guide Rock	56	63	69	67	62

2025

Attachment 7: Calculations of Return Flows from Bureau of Reclamation Canals

Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
Canal	Canal Diversion	Spill to Waste-Way	Net Diversion	Field Deliveries	Canal Loss	Average Field Loss Factor	Field Loss	Total Loss from District	Percent Field and Canal Loss That Returns to the Stream	Total return to Stream from Canal and Field Loss	Return as Percent of Canal Diversion
Name Canal	Headgate Diversion	Sum of measured spills to river	Col 2 - Col 3	Sum of Deliveries to the field	Col 4 - Col 5	1 -Weighted Average Efficiency of Application System for the District*	Col 5 x Col 7	Col 6 + Col 8	Estimated Percent Loss*	Col 9 x Col 10 + Col 3	Col 11/Col 2
Σ Irrigation Season											
Σ Non- Irrigation Season											
Culbertson	0	0	0	0	0	30%	0	0	82%	0	100%
	0	0	0	0	0	30%	0	0	92%	0	100.0%
Culbertson Extension	0	0	0	0	0	30%	0	0	82%	0	100%
	0	0	0	0	0	30%	0	0	92%	0	100.0%
Meeker - Driftwood	16,141	580	15,561	6,849	8,712	30%	2,055	10,767	82%	9,409	58.3%
	0	0	0	0	0	30%	0	0	92%	0	100.0%
Red Willow	0	0	0	0	0	30%	0	0	82%	0	100.0%
	0	0	0	0	0	30%	0	0	92%	0	100.0%
Bartley	6,320	748	5,572	1,683	3,889	30%	505	4,394	82%	4,351	68.8%
	0	0	0	0	0	30%	0	0	92%	0	100.0%
Cambridge	22,994	1,099	21,895	10,195	11,700	30%	3,059	14,759	82%	13,201	57.4%
	0	0	0	0	0	30%	0	0	92%	0	100.0%
Naponee	1,136	121	1,015	276	739	35%	97	836	82%	806	71.0%
	0	0	0	0	0	35%	0	0	92%	0	100.0%
Franklin	20,788	2,097	18,691	4,884	13,807	35%	1,709	15,516	82%	14,820	71.3%
	0	0	0	0	0	35%	0	0	92%	0	100.0%
Franklin Pump	1,412	159	1,253	553	700	35%	194	894	82%	892	63.2%
	0	0	0	0	0	35%	0	0	92%	0	100.0%
Almena	1,509	0	1,509	1,051	458	30%	315	773	82%	634	42.0%
Superior	7,398	28	7,370	1,697	5,673	31%	526	6,199	82%	5,111	69.1%
	0	0	0	0	0	31%	0	0	92%	0	100.0%
Nebraska Courtland	449	0	449	385	64	23%	89	153	82%	125	27.9%
Courtland Canal Above Lovewell (KS)	15,666	1,138	14,528	7,620	6,908	23%	1,753	8,661	82%	8,240	52.6%
Courtland Canal Below Lovewell	33,152	0	33,152	19,645	13,507	23%	4,518	18,025	82%	14,781	44.6%

Flood Flow Calculations Based on Accounting Procedures III.B.1 and Attachment 1.

Hardy Gage Monthly Data (acre-feet)					
	2021	2022	2023	2024	2025
January	7,475	8,005	2,523	4,682	3,121
February	7,332	7,615	2,410	4,161	4,932
March	28,746	9,074	7,361	7,765	4,477
April	20,400	6,592	4,173	7,547	1,763
May	25,198	4,958	2,091	10,187	9,224
June	14,672	3,981	3,006	8,278	3,105
July	8,141	18,172	2,301	3,805	7,626
August	8,550	3,666	2,561	1,933	11,976
September	3,034	2,326	1,918	917	4,582
October	2,535	1,624	1,454	917	5,083
November	7,470	1,775	1,673	1,474	5,607
December	8,600	1,815	3,389	1,880	5,886
ANNUAL	142,153	69,603	34,861	53,546	67,382
Over 400K	0	0	0	0	0

5-month Consecutive Period Flows (acre-feet)					
	2021	2022	2023	2024	2025
Jan-May	89,151	36,244	18,558	34,342	23,517
Feb-Jun	96,348	32,220	19,041	37,938	23,501
Mar-Jul	97,157	42,777	18,932	37,582	26,195
Apr-Aug	76,961	37,369	14,132	31,750	33,694
May-Sep	59,595	33,103	11,878	25,120	36,513
Jun-Oct	36,932	29,769	11,241	15,850	32,372
Jul-Nov	29,730	27,563	9,908	9,046	34,874
Aug-Dec	30,189	11,206	10,995	7,121	33,134

2-month Consecutive Period Flows (acre-feet)					
	2021	2022	2023	2024	2025
Jan-Feb	14,807	15,620	4,933	8,843	8,053
Feb-Mar	36,078	16,689	9,771	11,926	9,409
Mar-Apr	49,146	15,666	11,534	15,312	6,240
Apr-May	45,598	11,550	6,264	17,734	10,987
May-Jun	39,870	8,939	5,097	18,465	12,329
Jun-Jul	22,813	22,153	5,307	12,083	10,731
Jul-Aug	16,691	21,838	4,862	5,738	19,602
Aug-Sep	11,584	5,992	4,479	2,850	16,558
Sep-Oct	5,569	3,950	3,373	1,834	9,665
Oct-Nov	10,005	3,399	3,127	2,391	10,690
Nov-Dec	16,070	3,590	5,062	3,354	11,493

Final Sub-basin Flood Flows					
	2021	2022	2023	2024	2025
North Fork Flood Flow	0	0	0	0	0
Arikaree Flood Flow	0	0	0	0	0
Buffalo Flood Flow	0	0	0	0	0
Rock Flood Flow	0	0	0	0	0
Southfork Flood Flow	0	0	0	0	0
Frenchman Flood Flow	0	0	0	0	0
Driftwood Flood Flow	0	0	0	0	0
Red Willow Flood Flow	0	0	0	0	0
Medicine Creek Flood Flow	0	0	0	0	0
Beaver Flood Flow	0	0	0	0	0
Sappa Flood Flow	0	0	0	0	0
Prairie Dog Flood Flow	0	0	0	0	0
Mainstem Flood Flow	0	0	0	0	0

Sub-basin Flows Above Attachment 1 Flood Flow Thresholds					
	2021	2022	2023	2024	2025
North Fork	0	0	0	0	0
Arikaree	0	0	0	0	0
Buffalo	0	0	0	0	0
Rock	0	0	0	0	0
South Fork	0	0	0	0	0
Frenchman	0	0	0	0	0
Driftwood	0	0	0	0	0
Red Willow	0	0	0	0	0
Medicine Creek	0	0	0	0	0
Beaver	0	0	0	0	0
Sappa	0	0	0	0	0
Prairie Dog	0	0	0	0	0
Sub-basin Sum	0	0	0	0	0

5-month Consecutive Period Test					
	2021	2022	2023	2024	2025
Jan-May	0	0	0	0	0
Feb-Jun	0	0	0	0	0
Mar-Jul	0	0	0	0	0
Apr-Aug	0	0	0	0	0
May-Sep	0	0	0	0	0
Jun-Oct	0	0	0	0	0
Jul-Nov	0	0	0	0	0
Aug-Dec	0	0	0	0	0
TOTAL	0	0	0	0	0

2-month Consecutive Period Test					
	2021	2022	2023	2024	2025
Jan-Feb	0	0	0	0	0
Feb-Mar	0	0	0	0	0
Mar-Apr	0	0	0	0	0
Apr-May	0	0	0	0	0
May-Jun	0	0	0	0	0
Jun-Jul	0	0	0	0	0
Jul-Aug	0	0	0	0	0
Aug-Sep	0	0	0	0	0
Sep-Oct	0	0	0	0	0
Oct-Nov	0	0	0	0	0
Nov-Dec	0	0	0	0	0
TOTAL	0	0	0	0	0

Combined Test					
	2021	2022	2023	2024	2025
FINAL TOTAL	0	0	0	0	0

Attachment 3

South Fork Focus Zone irrigated acreage
retirement documentation submitted in support
of December 16, 2024, Resolution provided on
April 9, 2025



MEMORANDUM

To: Earl Lewis, Matt Manning
From: Tracy Kosloff
Date: April 2026
Subject: 2025 SFFZ Irrigated Acreage Retirement Data

Dear Earl and Matt,

I am pleased to transmit Colorado's compilation of the 2025 irrigation season NDVI data for the parcels under contract with the RRWCD from 2016 through May 2025. The [link](#) to all of the contracts was provided by Marie Sullivan on February 17, 2026 and the NDVI Report, which is a large file, is also in the [folder](#). This memo, the table and report are similar to what was provided in 2024, with the addition of 28 new contracts and the associated dry-up lands. The total SFFZ amount of dry-up in the attached materials is 18,300 acres.

NDVI refers to the Normalized Difference Vegetation Index, which is a metric that uses remote sensing to detect vegetation. DWR compiled satellite data from throughout the 2025 irrigation season (May-October) into a layer called the NDVI_max, which shows the highest value, or maximum NDVI, observed at each 30 m x 30 m grid cell during that timeframe. The mean of these cell values is then calculated for each parcel. DWR calculated the 2025 NDVI_max's mean values using (A) boundaries from the contracts' legal descriptions and (B) the parcel boundaries from Colorado 2016 irrigated land data.

Included in this data package is a Report with two pages for each contract. The two pages have the same text, but display different imagery as described further below.

- The first page for each contract shows the NDVI_max imagery. Higher NDVI_max values are depicted in white/light gray and lower NDVI_max values are depicted with shades of dark gray/black. The image includes labels for the mean of NDVI max for the 2016 irrigated land parcels (noted as A above). Where the outer ring of a center pivot circle was dried up but the inner part is still irrigated, the label notes "not applicable" within the circle area, because the inner circle is still irrigated. The text shows the mean of NDVI max for the legal description in the contract (noted as B above). Where the legal description notes drying the outer part of the circle, this NDVI max value better represents the dried portion.



- The second page for each contract shows aerial imagery captured by Vexcel Group in June of 2024 at a 15-20 cm resolution (the same photos used for the 2024 irrigation season report). DWR does not have access to any high resolution 2025 aerial imagery at this time. USDA did not obtain NAIP aerial photos for this part of Colorado in 2025. Colorado was also unable to obtain 2025 photos from Vexcel. We acknowledge that the lack of a 2025 photo makes evaluating this information more difficult. Colorado expects to provide high resolution aerial photos for the 2026 irrigation season in next year's report because Vexcel has normally provided this data to Colorado every 2 years.

The NDVI threshold generally used by DWR in our analyses to indicate lack of irrigation is 130 or less, but it is necessary to consider additional information, especially when a mean NDVI value only slightly exceeds that threshold. Furthermore, it is important to note that acres entered into EQIP contracts are allowed to dryland farm, which can result in higher NDVI values based on the presence of vegetative growth.

Also included is a summary table with one row for each contract. In some cases, the summary table provides additional comments, such as if a center pivot is visibly removed in photographs. Also included are links to field inspection information/photos in DWR's database providing additional information about a well or parcel's dry-up status.

The summary table includes a new field for Total Acres, which is the total acres claimed by Colorado for a particular contract. The table also notes Contract Acres, which is the amount of acres the RRWCD considered for compensation, which may be less than the Total Acres. Total Acres is based on the median of acres irrigated by a well in the years 2015, 2016, and 2017.¹ For some contracts, producers reduced their irrigated acres in the couple of years before they signed a contract with the RRWCD, and the RRWCD's Rules only consider those recent years for compensation. Total Acres may only be larger than contract acres for wells that are fully retired. This excludes RAMP contracts, which specify only part of the historically irrigated lands to be dried up, and irrigation may continue through the well.

Colorado Republican River Basin irrigated lands shapefiles for 2015, 2016, and 2017 can be accessed and downloaded from [DWR's GIS data webpage](#). The shapefile for Contract legal descriptions is included in the [shared folder](#).

¹ Some producers changed irrigated lands over time. Using the median of the three years 2015-2017, the three years surrounding the 2016 Resolution, identifies an actual amount of acreage that was irrigated by the retired well in the timeframe of the 2016 Resolution, and is not overly influenced by a particularly high or low acreage year. Where Total Acres differs from Contract Acres, the Median Year is indicated by a field in the table.

2025 SFFZ Dry Up Summary Table

RRWCD Contract	Total Acres	Acres in Contract	Median Year	Contract Date	Contract Type	Legal Description	Associated Well Permits	NDVI Mean (of Legal Desc)	Additional Information	Links to Relevant Information
17OAI08P	132.5	132.47	N/A	10/23/2016	OAI	Rotation of any three of four 106.67 acre circles centered in each quarter Sec 33-T9S-R47W-6PM (see also 17OAI09P)	9062-FP	125	Well capped (see field inspection photo)	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3257921&dbid=0
17OAI09P	187.5	187.53	N/A	10/23/2016	OAI	Rotation of any three of four 106.67 acre circles centered in each quarter Sec 33-T9S-R47W-6PM (see also 17OAI08P)	11102-FP	125	Well capped (see field inspection photo)	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3257922&dbid=0
06CR267K	249.0	249	N/A	9/7/2017	CREP	Four 130-acre circles in SE1/4, SW1/4, NE1/4 and NW1/4 of Section 24-T7S-R44W-6PM	15222-FP	125	Well capped (see field inspection photo)	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4481103&dbid=0
06CR269K	108.9	108.9	N/A	11/9/2017	CREP	Part of the N1/2 of Section 15, Township 10 South, Range 47 West 6th PM	13564-FP	131	Well capped (see field inspection photo)	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3499403&dbid=0
06CR275K	124.4	124.4	N/A	2/11/2019	CREP	NE 1/4 NE 1/4 Sec 15-T7S-R51W-6PM	15971-FP	123		
06CR276K	124.4	124.4	N/A	2/11/2019	CREP	NW 1/4 NW 1/4 Sec 15-T7S-R51W-6PM	10049-FP	125		
19EQ100P	113.7	113.7	N/A	5/24/2019	EQIP	Part of the SW1/4 & S1/2 of NW1/4 of Sec 10-T10S-R47W	11556-FP	127	Well capped (see field inspection photo)	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3499400&dbid=0
19EQ101P	101.2	56.19	2016	5/31/2019	EQIP	Land in the S1/2 Sec 10-T9S-R46W-6PM (see also 19EQ103P)	6505-FP	135	Well abandonment report; Contracts 19EQ101P and 103P are considered together for total acreage claimed in S1/2 Sec 10.	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3538905&dbid=0&cr=1
19EQ103P	101.2	63.81	2016	5/31/2019	EQIP	Land in the S1/2 Sec 10-T9S-R46W-6PM (see also 19EQ101P)	3810-FP	135	Well abandonment report, 2024 field photos; Contracts 19EQ101P and 103P are considered together for total acreage claimed in S1/2 Sec 10	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3538903&dbid=0 https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319886&dbid=0
19EQ102P	138.9	120	2017	5/31/2019	EQIP	Land in the E1/2 Sec 15-T9S-R46W-6PM	4164-FP	148		
19EQ104P	145.5	82	2016	5/31/2019	EQIP	125-acre circle in the NE1/4 of Sec 18 and a total of 35 acres in two locations in the S1/2 of Sec7-T8S-R45W	17402-FP	134		
18CR001K	244.3	244.25	N/A	12/23/2019	CREP	S1/2 of N1/2 and N1/2 of S1/2 Sec 22-T7S-R47W-6PM	11287-FP, 15264-FP	129	No center pivot, as seen in inspection photos	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4320917&dbid=0
18CR002K	543.4	511.83	2017	12/26/2019	CREP	W 1/2 of Sec. 28, E 1/2 of Sec. 29 and SW 1/4 of Sec 29 all in T-9S-R45W-6PM	3906-FP, 5776-FP, 3907-FP, 10656-FP, 10657-FP	126	Well plugged/pad removed and meter removed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3878089&dbid=0
18CR008K	130.0	130	N/A	11/6/2020	CREP	Pt of NW 1/4 Section 16-T6S-47W-6PM	17575-FP	137	Pivot removed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3997800&dbid=0
18CR009K	130.0	130	N/A	11/6/2020	CREP	W 1/2 of NE 1/4, 20 ac. in W 1/2 of E 1/2 of NE 1/4 and 60 ac. in E 1/2 of NW 1/4 of Section 15-T6S-47W-6PM	18157-FP	140	No center pivot (from aerial imagery and field inspection photos)	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3997801&dbid=0
20EQ106K	205.0	205.03	N/A	12/30/2020	EQIP	SE1/4 and NE 1/4 Sec 33, NW 1/4 Sec 34, NW 1/4 Sec 28, all in T7S-R45W-6PM (see also 20EQ105K)	15267-FP	128		
20EQ105K	276.0	275.97	N/A	12/30/2020	EQIP	SE1/4 and NE1/4 Sec 33, NW1/4 Sec 34, NW 1/4 Sec 28, all in T7S-R45W-6PM (see also 20EQ106K)	5135-FP	128		

2025 SFFZ Dry Up Summary Table

RRWCD Contract	Total Acres	Acres in Contract	Median Year	Contract Date	Contract Type	Legal Description	Associated Well Permits	NDVI Mean (of Legal Desc)	Additional Information	Links to Relevant Information
21EQ108K	282.9	120	2017	1/3/2022	EQUIP	NW 1/4 Sec 13-T9S-R47W-6PM	6989-FP	147	Well pump and meter removed Well also irrigated the SW1/4 of Section 13	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=3974154&dbid=0
18CR022K	126.4	126.35	N/A	1/14/2022	CREP	SW 1/4 SEC 3 -- T6S-R48W	14868-FP	127	Well pump removed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4119029&dbid=0
18CR023K	235.0	234.95	N/A	2/10/2022	CREP	NW 1/4 Sect. 22 & SW 1/4 Sec. 15 all in T7SR43W-6PM (see also 18CR022K)	4680-FP	123		
21EQ110K	113.4	91.3	2016	2/24/2022	EQUIP	Part of SW 1/4 and NW 1/4 Sec 34-T6S-R43W-6PM	10310-FP	131	No center pivot. Dryland farming allowed	
18CR036K	156.2	156.2	N/A	10/25/2022	CREP	A portion of circle with approximately 130 acres in the S1/2 of Sec. 2 and approximately 30 acres in the N1/2 of Sec. 11 all in T6S-R49W-6PM	14078-FP	132		
22EQ137K	359.4	359.44	N/A	10/26/2022	EQUIP	311 acres in the N1/2 and 45 acres in the N1/2 of the SW1/4 of Section 3, Township 6 South, Range 46 West and 4 acres in the SW1/4 of Section 33, Township 5 South, Range 46 West of the 6th P.M.	6979-FP, 6978-FP	136	No center pivot, well capped, power meters removed, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4087783&dbid=0 https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4087784&dbid=0
18CR032K	271.6	243.11	2016	10/28/2022	CREP	Part of SE/4 & SW/4 Sec. 29 T7S-R47W	15290-FP	134	Pivots removed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4526175&dbid=0
18CR035K	139.1	127	2017	10/28/2022	CREP	NE/4 Sec. 17-T6S-R47W	17864-FP	132	Structure removed and grass established	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4397393&dbid=0
18CR034K	127.0	127	N/A	10/28/2022	CREP	SE/4 Sec. 17-T6S-R47W	17863-FP	130	Structure removed and grass established	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4397394&dbid=0
22EQ135K	112.4	112.37	N/A	10/28/2022	EQUIP	NE/4 Sec. 6-T8S-R45W-6PM	4129-FP	145	Meter removed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4313202&dbid=0
22EQ136K	430.0	430	N/A	10/28/2022	EQUIP	A 190 acre circle in Sec. 3-T8S-R45W and 120 acres in SW/4 and 120 acres in NW/4 Sec. 33-T7S-R45W	4150-FP, 16298-FP	148	Well and meter removed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4313203&dbid=0
18CR031K	249.0	249	N/A	10/31/2022	CREP	E/2 of Sec. 20-T6S-R47W	19228-FP	127		
22EQ128K	174.0	174	N/A	11/7/2022	EQUIP	S/2 of Sec. 21-T9S-R45W	15944-RFP	141	Structure and meter removed	https://dnrweblink.state.co.us/dwr/0/doc/4091016/Page1.aspx?searchid=693ca6ab-e850-4eca-bb88-c3322374c724 https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4481105&dbid=0
18CR038K	128.0	128	N/A	11/9/2022	CREP	NE 1/4 of Sec. 8-Township 6 South-Range 47 West	19144-FP	131	Meter removed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4397390&dbid=0&cr=1
22EQ127K	249.0	249	N/A	11/9/2022	EQUIP	W1/2 of Sec. 5-T8S-R43W	13007-FP	129	No center pivot, powerlines are cut, well is capped in field inspection images, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4288244&dbid=0
18CR039Y	119.5	119.48	N/A	11/14/2022	CREP	NE 1/4 of Sec. 32-Township 5 South-Range 46 West	9114-FP	127		
22EQ132K	140.2	119.09	2015	12/14/2022	EQUIP	NW/4 Sec.21-T6S-R49W	18968-FP	141	Pivot removed, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4397387&dbid=0

2025 SFFZ Dry Up Summary Table

RRWCD Contract	Total Acres	Acres in Contract	Median Year	Contract Date	Contract Type	Legal Description	Associated Well Permits	NDVI Mean (of Legal Desc)	Additional Information	Links to Relevant Information
22EQ133K	127.4	127.42	N/A	12/14/2022	EQUIP	SW/4 Sec. 21-T6S-R49W	19171-FP	139	The meter and structure removed, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4151419&dbid=0
23EQ140K	258.0	115	2016	2/9/2023	EQUIP	Part of NWQ Sec. 24-T9S-R46W	15057-FP	128	Historic irrigation also in the NE1/4	
23EQ141K	283.4	283.41	N/A	2/9/2023	EQUIP	Part of N/2 of Sec. 2-T9S-R45W, 96 acres in the NE/4 of Sec. 3 and the NW/4 of Sec. 2 and 88 acres in the NE/4 of Sec. 2, with 30 additional acres to be flooded in the NE/4 of Sec 2; T9S-R45W	9625-FP	136		
23RP001K	237.0	237	N/A	2/9/2023	RAMP	A 120-acre circle in the SE 1/4 of Section 1 and a 130-acre circle in the NW 1/4 of Section 12, both in Township 9 South, Range 47 West of the 6th Principal Meridian	3786-FP	126	Well disconnected	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4377819&dbid=0
18CR040K	498.7	480	2016	2/17/2023	CREP	Part of Section 2, being 120 acres each in the NE/4, the SE/4 and the SW/4 and 120 acres in the SW/4 of Section 1, all in Township 6 South, Range 47 West, 6th P.M.	16986-FP, 16989-FP, 16988-FP	130		
18CR045K	108.0	108	N/A	2/18/2023	CREP	SE/4 Sec. 18-T6S-R48W	19413-FP	133		https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4206886&dbid=0
23EQ148Y	123.3	106	2016	3/16/2023	EQUIP	NW/4 Sec. 33-T3S-R42W	19764-FP	137	Power meter removed and well disconnected	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4207032&dbid=0
23EQ142K	120.0	120	N/A	3/17/2023	EQUIP	NW 1/4 Sec.29-Township 7 S-Range 47 W.	17427-FP	126	Structure removed and grass established	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4526165&dbid=0
23EQ144K	258.3	200.54	2015	3/21/2023	EQUIP	150 acres in the SE/4 of Sec. 29 and 150 acres in the N/2 of Sec. 32, all in T6S-R44W.	10084-FP	124	Additional lands were irrigated in N1/2 of Sec 32 in 2015 and 2017	
18CR044K	116.0	116	N/A	3/22/2023	CREP	Part of E 1/2 of NW 1/4 and W 1/2 of NE 1/4 of Section 8-Township 6 South-Range 45 West of the 6th Principal Meridian	21639-FP	132		
23RP002Y	30.7	30.67	N/A	4/6/2023	RAMP	Lots located in Sec.29-T5S-R44W	4104-FP	117		
23EQ139K	251.1	240.54	2015	4/7/2023	EQUIP	Sec. 27-T8S-R45W	19355-FP, 19698-FP	133	Pivot disabled, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4323530&dbid=0
23EQ147K	80.0	80	N/A	4/7/2023	EQUIP	Part SE1/4 Sec. 3-T11S-R47W-6th P.M.	33966-FP	142	Well plugged, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4401963&dbid=0
23EQ154Y	125.9	115	2016	4/12/2023	EQUIP	NE/4 Sec. 14-T3S-R43W	19763-FP	138	No center pivot, re-permitted to small capacity well, well pump downsized as seen in field inspection images, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4207028&dbid=0
23EQ143K	120.7	120.66	N/A	4/13/2023	EQUIP	SE 1/4 of Sec. 30-T10S-R46W	19299-FP	119	Small capacity well in place	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4401950&dbid=0
23EQ150K	120.0	120	N/A	4/13/2023	EQUIP	NE/4 Sec. 9-T10S-R46W	18699-FP-R	135	No center pivot, power meter removed, final permit deactivated, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319875&dbid=0

2025 SFFZ Dry Up Summary Table

RRWCD Contract	Total Acres	Acres in Contract	Median Year	Contract Date	Contract Type	Legal Description	Associated Well Permits	NDVI Mean (of Legal Desc)	Additional Information	Links to Relevant Information
23EQ152K	120.0	120	N/A	4/13/2023	EQUIP	NW/4 Sec. 3-T10S-R46W	16363-FP	137	No center pivot, power meter removed, power lines cut, final permit deactivated, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319873&dbid=0
23EQ151K	148.4	119	2016	4/13/2023	EQUIP	SE/4 Sec. 3-T10S-R46W	16365-FP	137	No center pivot, power meter removed as seen in permit images, final permit deactivated, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319877&dbid=0&cr=1
23EQ149K	120.0	120	N/A	4/14/2023	EQUIP	NW/4 Sec. 9-T10S-R46W	19903-FP	134	Power meter removed, dry land farming allowed, final permit deactivated, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319874&dbid=0
23EQ153K	158.0	119	2016	4/14/2023	EQUIP	NE/4 Sec. 3-T10S-R46W	16362-FP	139	No center pivot, power meter removed, final permit deactivated, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319869&dbid=0
23EQ155Y	157.5	157.5	N/A	4/25/2023	EQUIP	Portions of E/2 of Sec. 23-T4S-R45W	9218-FP	121	field images show well head removal in Dec 2023, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4180068&dbid=0
23RP006K	28.8	28.75	N/A	4/26/2023	RAMP	NE 1/4 of Sec. 14-T10S-R47W. Outer Rim of the irrigated circle located in portions of the East Half.	17777-F	133	The outer tower of center pivot not in irrigation which accounts for the retired acreage. Legal description revised based on more specific dry up covenant indicating drying the outer rim of circle.	
23RP005K	34.4	34.44	N/A	4/26/2023	RAMP	SW 1/4 of Sec. 13-T10S-R47W - Section 13: Outer rim of the irrigated circle located in portions of the North Half and Section 12: Outer rim of the irrigated circle located in portions of the Southwest Quarter	15168-F	140	Legal description revised based on more specific dry up covenant indicating drying the outer rim of circle.	
23RP007K	32.2	32.21	N/A	4/26/2023	RAMP	SW 1/4 of Sec. 13-T10S-R47W - Section 13: Outer rim of the irrigated circle located in portions of the South Half	13824-FP	138	Legal description revised based on more specific dry up covenant indicating drying the outer rim of circle.	
23RP008K	37.3	37.3	N/A	4/26/2023	RAMP	NE/4 Sec. 24-T10S-R47W Section 24: Outer rim of the irrigated circle located in the Northeast Quarter	11748-FP	131	Legal description revised based on more specific dry up covenant indicating drying the outer rim of circle.	
23RP009K	31.3	31.29	N/A	4/26/2023	RAMP	SW/4 Sec. 24-T10S-R47W Section 24: Outer rim of the irrigated circle located in the Southwest Quarter	19490-FP	134	Legal description revised based on more specific dry up covenant indicating drying the outer rim of circle.	
23RP010K	30.9	30.91	N/A	4/26/2023	RAMP	NW/4 Sec. 30-T10S-R46W - Section 30: Outer rim of the irrigated circle located in the Northwest Quarter	19290-FP	141	Legal description revised based on more specific dry up covenant indicating drying the outer rim of circle.	
23EQ145K	67.0	67	N/A	4/28/2023	EQUIP	NW/4 of Sec. 22-T7S-R44W	13526-FP	132	well capped in field inspection images, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4323499&dbid=0
23EQ158Y	125.2	125.2	N/A	4/28/2023	EQUIP	NW/4 Sec. 32-T5S-R46W	15838-FP	119	well disconnected in Jan 2024, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4208851&dbid=0

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23EQ167K	63.5	63.5	N/A	4/28/2023	EQUIP	NE/4 Sec. 22-T11S-R49W	11629-FP	134	Pivot disconnected from well, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319879&dbid=0
23EQ168K	125.0	125	N/A	4/28/2023	EQUIP	SE/4 Sec. 22-T11S-R49W	23708-FP, 23709-FP	127	Wells plugged per inspection, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319887&dbid=0 https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4319883&dbid=0
23EQ159K	126.8	126.8	N/A	4/28/2023	EQUIP	NE/4, E/2 of the NW/4 and the N/2 of the SE/4 all in Sec. 3-T6S-R47W	10559-FP	129	Structure removed, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4397392&dbid=0
23EQ146Y	167.4	146	2016	5/2/2023	EQUIP	W/2 Sec. 28-T4S-R44W-6th P.M.	4744-FP-R	125	No center pivot, well capped, power meter removed, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4207036&dbid=0
23EQ162K	152.9	112	2016	5/2/2023	EQUIP	SW/4 Sec. 33-T9S-R45W	11141-FP	133	No center pivot, well capped, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4261183&dbid=0
23EQ163K	80.0	80	N/A	5/2/2023	EQUIP	NE/4 Sec. 11-T9S-R45W	5658-FP	152	Structure removed, well plugged, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4290734&dbid=0
23EQ164K	80.0	80	N/A	5/2/2023	EQUIP	SW/4 Sec. 11-T9S-R45W	5522-FP	150	Well plugged, pump removed, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4290736&dbid=0
23EQ160K	234.0	234	N/A	5/5/2023	EQUIP	W/2 Sec. 2-T8S-R44W	3307-FP, 3988-FP	142	No center pivot, wells capped, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4187872&dbid=0 https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4187875&dbid=0
23EQ161K	228.0	228	N/A	5/5/2023	EQUIP	N/2 Sec. 1-T8S-R44W	12425-FP	128		
23RP003Y	28.0	28	N/A	5/9/2023	RAMP	Circular area covering parts of the SE/4 NE/4 and NW/4 of Sec. 19-T5S-R46W - Removed outer tower	12626-FP	132	The outer tower of center pivot not in irrigation which accounts for the retired acreage (per contract language)	
23EQ156Y	126.2	126.2	N/A	5/12/2023	EQUIP	NE/4 Sec. 22-T5S-R46W	11579-FP	130		
23EQ157Y	124.7	124.7	N/A	5/12/2023	EQUIP	SE/4 Sec. 22-T5S-R46W	11580-FP	130		
23EQ173K	166.7	120.65	2015	7/7/2023	EQUIP	Pt. NE/4 Sec. 30-T6S-R46W	16995-FP	137	Pump removed, a circle of about 45 acres in the NW1/4 of Section 30 was also historically irrigated. Dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4211097&dbid=0
23EQ169K	120.0	120	N/A	11/1/2023	EQUIP	SE/4 Sec. 9-T10S-R47W	13921-F	119		
23EQ170K	118.0	117.95	N/A	11/1/2023	EQUIP	SW/4 Sec. 9-T10S-R47W	13947-FP	117	Well plugged, infrastructure removed, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4261197&dbid=0
23EQ165Y	170.8	124	2015	11/28/2023	EQUIP	NE/4 and SW/4 Sec. 34-T4S-R44W	10547-FP	135	No center pivot, well capped, dryland farming allowed. Historically irrigated lands included a 41-acre circle in the SW1/4 of Sec 34	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4282536&dbid=0

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RRWCD Contract	Total Acres	Acres in Contract	Median Year	Contract Date	Contract Type	Legal Description	Associated Well Permits	NDVI Mean (of Legal Desc)	Additional Information	Links to Relevant Information
24RP013K	90.2	90.21	N/A	1/11/2024	RAMP	Portions of west half of Sec. 32-T8S-R45W	13234-F, 15765-FP	129		
24RP014K	120.7	120.69	N/A	1/11/2024	RAMP	Northwest Quarter Sec. 26-T9S-R46W	15979-FP, 16065-FP	134		
24RP015Y	35.1	35.06	N/A	1/30/2024	RAMP	Portion of Sec. 12-T5S-R46W - Section 12: 35.06 permanently retired irrigated acres located in circular outer portion of a 194.42 acre circle centered at the well site in Sec. 12-T5S-R46W, reducing irrigated acres to 159.36	12972-F	123	The outer tower of center pivot not in irrigation which accounts for the retired acreage	
24RP016K	39.6	39.59	N/A	2/7/2024	RAMP	Portions of the South half located in Sec. 8-T7S-R46W	18614-F	142		
24EQ180K	56.0	56	N/A	2/9/2024	EQUIP	SE/4 Sec. 34-T5HS-R42W	17038-FP	141	Infrastructure removed, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=43243498&dbid=0
24RP018Y	120.0	120	N/A	4/1/2024	RAMP	Southeast Quarter of Sec. 10-T4S-R43W	18613-FP	113		
24RP019Y	56.5	56.52	N/A	4/1/2024	RAMP	A 23.3 acre circle in the NE/4 of the SE/4 and a 33.22 acre circle in the SE/4 of the SE/4 all in Southeast Quarter of Sec. 8-T4S-R43W	11482-FP, 9628-FP	125		
24RP021Y	51.6	51.63	N/A	4/3/2024	RAMP	Acres located in the SW1/4 Section 14-T4S-R45W	10093-FP	120		
24RP020Y	27.0	26.96	N/A	4/3/2024	RAMP	Acres located in the SE1/4 Section 15-T4S-R45W	6313-FP	119	Exhibit C of contract notes that dry up is a corner of the SE1/4 of Section 15	
18CR047K	309.5	309.48	N/A	4/5/2024	CREP	N/2 of Section 4-Township 9 South-Range 47 West and SW/4 of Section 34-Township 8 South-Range 47 West of the 6th Principal Meridian	18477-FP, 18478-FP	138		
18CR048K	140.7	124	2016	4/5/2024	CREP	A 60 acre circle in the S/2 of Sec. 7; 24 acres in the E/2 of the SE/4 of Sec. 7 and SW/4 of Sec. 8; and a 41 acre circle centered in the E/2 of the SE/4 of Sec. 7 and the SW/4 of Sec.8, all in Township 6 South, Range 45 West of the 6th P.M.	1386-RFP	140	Historical irrigation included additional acres in the SE1/4 of Section 7	
18CR049K	120.0	120	N/A	4/8/2024	CREP	N/2 of SW/4 and S/2 of NW/4 of Sec. 10-T6S-R47W	17138-FP	132		
24RP017K	120.9	120.93	N/A	4/10/2024	RAMP	SW/4 Sec. 13-T8S-R45W	14579-FP	120		
24EQ184K	378.0	360	2016	4/12/2024	EQUIP	SW/4 of Sec. 4-T8SR46W and E/2 of Sec. 4-T8S-R46W	10171-FP	134	Field form (10/1/24) notes well plugged, dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4323589/Page1.aspx?searchid=6c5c7443-bda4-4930-ad25-2d7d8ee3d7ce https://dnrweblink.state.co.us/dwr/0/doc/4323587/Page1.aspx?searchid=6c5c7443-bda4-4930-ad25-2d7d8ee3d7ce
24EQ183K	606.3	606.32	N/A	4/12/2024	EQUIP	S/2 of Sec. 6 and N/2 of Sec. 7 all in Township 9S-Range 46W	3811-FP, 6167-FP	137	Dryland farming allowed	
24RP004K	122.6	122.55	N/A	4/13/2024	RAMP	SW Quarter Sec. 12 and a part of the NE/4 of the NW/4 of Sec. 13 and expanded acres authorization of an additional 50 acres in part of the S/2 of the NW/4 of Sec. 12 all in T10S-R47W	12436-FPR	132		

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24EQ181L	120.0	120	N/A	4/15/2024	EQUIP	SW/4 of Sec. 24-T8S-R52W	15428-RFP, 12921-FP	133	Field form notes "well plugged" for both wells, dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4333272/Page1.aspx?searchid=de9eab4d-db78-4bba-9d23-507d6a4f1218 https://dnrweblink.state.co.us/dwr/0/doc/4333266/Page1.aspx?searchid=de9eab4d-db78-4bba-9d23-507d6a4f1218 https://dnrweblink.state.co.us/dwr/0/doc/4333261/Page1.aspx?searchid=98a8fa53-b345-4195-b70f-22ed89475193
24EQ182L	147.9	112.61	2016	4/15/2024	EQUIP	NE/4 of Sec. 24-T8S-R52W	15429-RFP, 15430-RFP	131	Field form notes "well plugged" for both wells, dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4333272/Page1.aspx?searchid=fbe25623-1493-4443-a978-4dfc5077ca0b https://dnrweblink.state.co.us/dwr/0/doc/4333267/Page1.aspx?searchid=fbe25623-1493-4443-a978-4dfc5077ca0b (https://dnrweblink.state.co.us/dwr/0/doc/4333269/Page1.aspx?searchid=2d9cba28-d1fc-48bb-8e69-670ad3cddff8)
24EQ185K	252.1	162	2016	4/26/2024	EQUIP	W/2 of Sec. 3-T8S-R46W	9355-FP	136	Field form notes "well plugged meter removed", dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4323589/Page1.aspx?searchid=89e0cb8f-c766-44a1-935e-15bf32a8b3ef https://dnrweblink.state.co.us/dwr/0/doc/4323541/Page1.aspx?searchid=89e0cb8f-c766-44a1-935e-15bf32a8b3ef
24EQ186K	271.8	236	2017	5/10/2024	EQUIP	NW/4 and SE/4 of Sec. 12-Township 9 South-Range 45W	3095-FP	135	Field inspection notes, "well plugged structure removed", dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4362089/Page1.aspx?searchid=451f3409-3da5-42ae-91b4-e779e2af0558 https://dnrweblink.state.co.us/dwr/0/doc/4362074/Page1.aspx?searchid=451f3409-3da5-42ae-91b4-e779e2af0558
24EQ190K	119.6	119.63	N/A	5/15/2024	EQUIP	SE/4 Sec. 8-Township 9 South-Range 48 West	24413-FP, 18327-F	134	Inspection log notes well plugged, dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4401972/Page1.aspx?searchid=1bd7d536-f8c5-45ea-9639-290e2baa3b5a https://dnrweblink.state.co.us/dwr/0/doc/4401970/Page1.aspx?searchid=1bd7d536-f8c5-45ea-9639-290e2baa3b5a
18CR051K	178.9	178.91	N/A	5/15/2024	CREP	Part of the S/2 of SW/4 of Section 22 and the NW/4 Section 27 and part of NE/4 of Section 27-T6S-R45W	16787-FP	133		

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RRWCD Contract	Total Acres	Acres in Contract	Median Year	Contract Date	Contract Type	Legal Description	Associated Well Permits	NDVI Mean (of Legal Desc)	Additional Information	Links to Relevant Information
24EQ189K	259.9	259.89	N/A	6/6/2024	EQIP	SE/4 of Sec. 30 and part N/2 of Sec. 31; all in Township 7 South-Range 47 West	15975-FP	133	Field form notes "well plugged", dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4340520/Page1.aspx?searchid=47d41f61-200d-4224-8d18-e2592bbfbc21 https://dnrweblink.state.co.us/dwr/0/doc/4340518/Page1.aspx?searchid=47d41f61-200d-4224-8d18-e2592bbfbc21
24EQ194K	176.1	121.16	2017	6/7/2024	EQIP	SE/4 and the SE/4 of the NE/4 of Section 30-Township 8 South-Range 44 West	9531-FP	141	Field forms note "meter and pivot removed", dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4526262/Page1.aspx?searchid=9a0fcc0a-eae2-48b8-a2e8-f2f38dce76d https://dnrweblink.state.co.us/dwr/0/doc/4526209/Page1.aspx?searchid=9a0fcc0a-eae2-48b8-a2e8-f2f38dce76d
24EQ192K	147.6	121	2017	6/7/2024	EQIP	NW/4 Sec. 30-Township 8 South-Range 44 West	2928-FP	144	Field forms note "meter and pivot removed", dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4526262/Page1.aspx?searchid=9a0fcc0a-eae2-48b8-a2e8-f2f38dce76d https://dnrweblink.state.co.us/dwr/0/doc/4526223/Page1.aspx?searchid=e12498ac-d6f1-4929-b60d-975d84fcc725
24EQ193K	268.1	221.93	2016	6/7/2024	EQIP	150 acres in the SW/4 and 130 acres in the NE/4 of Section 30-Township 8 South-Range 44 West	6912-RFP	129	Field forms note "meter and pivot removed", dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/doc/4526262/Page1.aspx?searchid=9a0fcc0a-eae2-48b8-a2e8-f2f38dce76d https://dnrweblink.state.co.us/dwr/0/doc/4526215/Page1.aspx?searchid=0a651fdd-9939-48f3-98b9-397c393b4ee6
24RP023K	160.0	160	N/A	6/7/2024	RAMP	105-acre circle located predominantly in the SE1/4 of Section 30 and 55 acres of a 105-acre located predominantly in the NE1/4 of Section 30, Township 6 South, Range 50 West, 6th P.M.	18076-RFP	124		
24WP002K	320.0	320	N/A	6/7/2024	WPPP	a 117 acre circle centered at UTM 667844 E 4372613 N in NE1/4 Sec 35 T6S R51W, and a 83 acre circle centered at UTM 668559 E and 4372712 N in NW1/4 Sec 31 T6S R50W, and a 120 acre circle centered at UTM 669287 E and 4372641 N in NE1/4 Sec 31 T6S R50W	12860-FP, 14651-FP	135	Field inspection notes well plugged, pivots removed	https://dnrweblink.state.co.us/dwr/0/doc/4420958/Page1.aspx?searchid=a82a4849-8278-4188-a017-3c73baeb94d2 https://dnrweblink.state.co.us/dwr/0/doc/4420957/Page1.aspx?searchid=a82a4849-8278-4188-a017-3c73baeb94d2 https://dnrweblink.state.co.us/dwr/0/doc/4420922/Page1.aspx?searchid=729f29bf-0fa6-47f9-8f11-8d6dbf4545c8
24RP024K	63.1	63.09	N/A	6/13/2024	RAMP	63.09 acres of the 120.59 acre circle located generally within the NW/4 with a portion of acres in the NE/4 of Sec. 10-T8S-R46W	5455-FP	122	Shape of the mapped dry up area based on clearly visible NDVI.	

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24EQ195K	251.6	251.57	N/A	6/13/2024	EQIP	60 acres located in part of the W1/2 of the SW1/4, a 130 acre circle in the NW1/4 and a 130 acre circle centered 1425 feet from the south section line and 2270 feet from the west section line of Section 17, Township 6 South, Range 48 West, 6th PM	19143-FP	127	Small capacity well installed, pipe disconnected, power pulled, dryland farming allowed	https://dnrweblink.state.co.us/dwr/0/edoc/4356680/DWR_4356680.pdf?searchid=e5518e2c-abfb-490e-9c89-82119cb53d42 https://dnrweblink.state.co.us/dwr/0/doc/4356659/Page1.aspx?searchid=e5518e2c-abfb-490e-9c89-82119cb53d42
24RP026K	48.0	48	N/A	7/1/2024	RAMP	48 acres of the outer portion of a 173 acre circle with a radius of 1550 feet centered 3102 feet from the North section line and 1571 feet from the West section line, Section 16, Township 8 South, Range 44 West	5450-FP	141		
24RP027K	62.5	62.46	N/A	7/1/2024	RAMP	31.1 acres of a circle located in the S/2 of Sec. 14 and Sec. 23 and 31.36 acres of a circle located in Sec. 23: all in Township 6S-R44W	13548-FP, 13537-FP	133	Shape of dried up lands digitized based on NDVI	
24RP022K	126.0	126	N/A	7/3/2024	RAMP	NW/4 of Sec. 17-T6S-R44W	14178-FP	115		
24EQ191Y	53.0	53	N/A	7/3/2024	EQIP	Part of the NE1/4 of the SW1/4, the NW1/4 of the SE1/4 and part of the W1/2 of the NE1/4 of the SE1/4 of Section 19, Township 5 South, Range 44 West	11731-FP	134	Power meter off, dryland farming allowed	https://dnrweblink.state.co.us/dwr/DocView.aspx?id=4343538&dbid=0
24EQ197Y	105.9	50.65	2016	7/8/2024	EQIP	The E1/2 of the NE1/4 of Section 36, Township 4 South, Range 43 West, 6th P.M. and part of the SW1/4 of the SW1/4 of Section 30, Township 4 South, Range 42 West, 6th P.M.	10795-FP	125		
24EQ196Y	124.9	120	2017	7/8/2024	EQIP	Part of the NW1/4 of Section 31, Township 4 South, Range 42 West, 6th P.M.	10919-FP	131	Dryland farming allowed	
24RP025K	63.0	63	N/A	7/12/2024	RAMP	125 acre circle reduced to 62 irrigated acres, retiring 63 acres in the NW1/4 of Sec. 2-T6S-R47W	16987-FP	120	Shape of dried up lands digitized based on NDVI	
24RP028K	33.0	33.03	N/A	10/30/2024	RAMP	28.02 acres in the outer rim of a circle centered at approximate UTM coordinates of 730936 Easting and 4374261 Northing (meters Zone 13, NAD-83) and 5.01 acres in the outer rim of a circle centered at approximate UTM coordinates of 731327 Easting and 4373631 Northing (meters Zone 13, NAD-83)	13248-FP	135		
24RP029K	22.0	22	N/A	10/30/2024	RAMP	A 13.65 acre interconnecting portion in parts of W1/2 of Sec. 1-T6S-R44W, 6.65 acres of the outer portion of a circle located in the W1/2, and 1.7 acres of the outer portion of a southwest circle being centered approximately at the SW corner of said section 1	14832-FP	131		
Total	18300									