NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

Special Board of Directors Meeting – December 17, 2020

FID Office – Teleconference Meeting

2907 S. Maple Avenue

Fresno, CA 93725-2208

THE BOARD OF DIRECTORS OF THE
NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY
JOINT POWERS AUTHORITY
SCHEDULED A SPECIAL MEETING FOR DECEMBER 17, 2020, AT 6:00 P.M.
2907 SOUTH MAPLE AVENUE – FRESNO, CA
AGENDA

TELECONFERENCE MEETING

SPECIAL NOTICE REGARDING PUBLIC PARTICIPATION DUE TO COVID-19

Given the current Shelter-in-Place Order covering the State of California and the Social Distance Guidelines issued by Federal, State, and Local Authorities, the NKGSA is implementing the following changes to participate in and provide public comment for all NKGSA Board meetings until notified otherwise. There will not be a physical location available for the public to participate in the meeting.

The meeting will be webcast and accessed at:
https://global.gotomeeting.com/join/782259485

You can also dial in using your phone.
United States: +1 (669) 224-3412
Access Code: 782-259-485

Written Comments

- Members of the public are encouraged to submit written comments via email at northkingsgsa@gmail.com up to one (1) hour before the meeting. You will need to provide: Meeting date, agenda item number, name, email and comment (please limit to 300 words or 3 minutes). Please include: PUBLIC COMMENT in the subject for the email.

- Your item will be read onto the record during the public comment portion when the item is heard. Any portion of your comment extending past three (3) minutes may not be read aloud due to time restrictions but will be made part of the record of proceedings.

- Please be aware that any public comments received that do not specify a particular agenda item will be read aloud during the general public comment portion of the agenda.

In compliance with The Americans With Disabilities Act, if you need assistance to participate in this meeting, please contact the authority at (559) 233-7161. Notification 48 hours prior to the meeting will enable the authority to make reasonable arrangements to ensure accessibility to this meeting.

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- If a written comment is received after 5:00 p.m. on the day of the meeting, efforts will be made to read the comment into the record. However, staff cannot guarantee that written comments received after 5:00 p.m. will be read. All written comments that are not read into the record will be made part of the record of proceedings, provided that such comments are received prior to the end of the NKGSA Board Committee meeting.

Verbal Comments

- If you wish to speak to the NKGSA Board on the item by telephone, you must contact the NKGSA Executive Officer at (559) 233-7161 x. 7109 no later than 5:00 p.m. on the day of the meeting.
    - You will be asked to provide a phone number to call you during the meeting. You will also be asked for your name so that you can be called when it is your turn to speak.
    - You will be called during the comment section for the agenda item on which you will speak.
    - You may be put on hold until your name is called by the Executive Officer.
    - Your comment period will be limited to three (3) minutes.

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1. **PLEDGE OF ALLEGIANCE**

2. **REVIEW AGENDA**
   Additional Agenda Items – Requires Majority Approval of Board - §54954.2(b)

3. **REVIEW OF FUTURE MEETINGS**

4. **PUBLIC PRESENTATIONS (for items not on agenda) – 3 Minutes Maximum Per Person, 10 Minutes Maximum Per Subject**

5. **POTENTIAL CONFLICTS OF INTEREST**
   Any Board Member who has a potential conflict of interest may now identify the item and recuse themselves from discussing and voting on the matter. [FPPC §18705]

6. **ADMINISTRATIVE MATTERS**
   a. Discussion/Possible Action on Board Meeting Minutes – Nov. 19, 2020
   b. Board of Directors Roster Update – Shared Seat No. 3 (Chauhan)
   c. Discussion/Possible Action on Seeking Nominations for Vacant Board Seat No. 7 – At Large (Dale/Chauhan)
   d. Discussion/Possible Action on Seating of Director for Vacant Board Seat No. 7 – At Large (Dale/Chauhan)
   e. Kings Subbasin Coordination Update (Samuelian)
   f. Water Conditions Update (Claes)
   g. Advisory Committee Update (Redelfs)
   h. Discussion/Possible Action on Adoption Designation of Kings Subbasin Committee Representative and Alternate – Action Item (Redelfs/Chauhan)
   i. Discussion/Possible Action on Adoption of NKGSA Resolution 2020-02 – Authorization to File an Application for a Grant Under the Prop 68 Sustainable Groundwater Implementation Grant Program and to Enter Into an Agreement with the California Department of Water Resources – Action Item (Redelfs/Chauhan)
   j. Workgroup Updates (Chauhan)
      i. Policy Workgroup (Chauhan)
         1. New Well Review Policy Update
         2. Member Agency Reporting Policy Update

In compliance with The Americans With Disabilities Act, if you need assistance to participate in this meeting, please contact the authority at (559) 233-7161. Notification 48 hours prior to the meeting will enable the authority to make reasonable arrangements to ensure accessibility to this meeting.

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TELECONFERENCE MEETING

7. **FINANCIAL MATTERS**

   a. Discussion/Possible Action – Approval of the October 2020 Expense Report (Hailey)
   b. Discussion/Possible Action – Approval of the Financial Statements as of October 31, 2020 (Hailey)

8. **EXECUTIVE OFFICER REPORT (Chauhan)**

   a. Funding Opportunities Update
   b. Member Agency Overdraft Responsibility Update
   c. Outreach / External Affairs Update
   d. Representative Monitoring Network Update
   e. Airborne Electromagnetic Survey Update
   f. Miscellaneous

9. **DIRECTORS REPORT**

10. **ADJOURNMENT**

Note: This agenda is posted pursuant to the provisions of the Government Code commencing at Section 54950. The date of this posting is December 14, 2020. Posting locations are: 1) Fresno Irrigation District Office; 2) NKGSA Website; and 3) Notice Box located in front of 2907 S Maple Avenue – Fresno, CA (24 hour access available on District website and in the mailbox in front of building).

"In accordance with California Government Code Section 54957.5, any writing or document that is a public record, relates to an open session agenda item and is distributed less than 72 hours prior to a regular meeting, will be made available for public inspection in the District offices during normal business hours. If, however, the document is not distributed until the regular meeting to which it relates, then the document or writing will be made available to the public at the location of the meeting."

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NORTH KINGS GSA

BOARD OF DIRECTORS MEETINGS

2020 SCHEDULE OF MEETINGS / EVENTS- *Subject to Change with Proper Notice

Date	Time	Purpose
December 17, 2020	6:00 p.m.	Special Board Meeting

2021 SCHEDULE OF MEETINGS / EVENTS- *Subject to Change with Proper Notice

Date	Time	Purpose
January 28, 2021	6:00 p.m.	Regular Board Meeting
February 25, 2021	6:00 p.m.	Regular Board Meeting
March 25, 2021	6:00 p.m.	Regular Board Meeting
April 22, 2021	6:00 p.m.	Regular Board Meeting
May 27, 2021	6:00 p.m.	Regular Board Meeting
June 24, 2021	6:00 p.m.	Regular Board Meeting
July 22, 2021	6:00 p.m.	Regular Board Meeting
August 26, 2021	6:00 p.m.	Regular Board Meeting
September 23, 2021	6:00 p.m.	Regular Board Meeting
October 28, 2021	6:00 p.m.	Regular Board Meeting
November 18, 2021	6:00 p.m.	Special Board Meeting
December 16, 2021	6:00 p.m.	Special Board Meeting

6 (a) - BOARD MEETING MINUTES – November 19, 2020

THE BOARD OF DIRECTORS OF THE
NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY
JOINT POWERS AUTHORITY
SPECIAL MEETING MINUTES FOR
NOVEMBER 19, 2020, AT 6:00 P.M.
2907 SOUTH MAPLE AVENUE – FRESNO, CA

TELECONFERENCE MEETING

DIRECTORS / ALTERNATE DIRECTORS PRESENT
Fresno Irrigation District – Chairman Jerry Prieto, Jr. (via conference call)
County of Fresno – Vice Chairman Brian Pacheco (via conference call)
Bakman Water Company – Director Steve Pickens
Garfield Water District – Director Karl Kienow (via conference call)
City of Fresno – Alternate Director Mike Carbajal (via conference call)
City of Clovis – Director Jose Flores
City of Kerman – Director Rhonda Armstrong (via conference call)

DIRECTORS / AGENCIES ABSENT
None
MEMBER STAFF PRESENT
Executive Officer Kassy Chauhan – North Kings GSA
Legal Counsel Kevin Dale – Atkinson, Andelson, Loya, Ruud, & Romo (via conference call)
Consultant Ron Samuelian – Provost & Pritchard Consulting Group (via conference call)
Advisory Committee Chairman Scott Redelfs – City of Clovis (via conference call)
Vice President Shay Bakman – Bakman Water Company Representative (via conference call)
Division Manager Glenn Allen – County of Fresno (via conference call)
Staff Analyst Andrew Remus - Fresno Metropolitan Flood Control District
Assistant General Manager Adam Claes – Fresno Irrigation District
Recording Secretary Lynn B. Rowe – Fresno Irrigation District (via conference call)

OTHERS PRESENT
Lisa Koehn – Public At Large (City of Clovis Retired) (via conference call)

Ms. Chauhan, acting as the meeting's moderator, provided the instructions for conducting a teleconference meeting while the Shelter-In-Place order is in effect due to the COVID-19 meeting restrictions. Full instructions were provided in the agenda. Ms. Chauhan reported that no written comments were received for this meeting.

Ms. Chauhan then conducted a roll call of directors, staff, interested parties, and public. Ms. Chauhan reviewed the instructions on the commenting, making of a motion, and voting procedures. Once that was complete, the meeting was turned back over to Chairman Prieto.

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TELECONFERENCE MEETING

1. PLEDGE OF ALLEGIANCE
Chairman Prieto called for the Pledge of Allegiance.

2. REVIEW AGENDA
(Additional Agenda Items – Requires Majority Approval of Board - §54954.2(b)
There were no changes / additions to the agenda by the Board or staff.

3. REVIEW OF FUTURE MEETINGS
December 17, 2020 is the next scheduled meeting.

4. PUBLIC PRESENTATIONS (for items not on agenda) – 3 Minutes Maximum Per Person, 10 Minutes Maximum Per Subject
None.

5. POTENTIAL CONFLICTS OF INTEREST
Any Board Member who has a potential conflict of interest may now identify the item and recuse themselves from discussing and voting on the matter. [FPPC §18705]
None stated.

6. ADMINISTRATIVE MATTERS

a. Discussion / Possible Action on Board Meeting Minutes – October 22, 2020

There were no corrections or amendments to the minutes.

M/S/C (Pickens/Flores) That the Board of Directors approved the minutes of the October 20, 2020 regular meeting. Ms. Chauhan proceeded with calling the roll call vote. (Ayes – Pickens, Kienow, Prieto, Jr., Carbajal, Flores, Pacheco; Nays – 0; Absent – 0; Abstain – Armstrong)

b. Board of Directors Roster Update – Shared Seat No. 3 (Chauhan)

Ms. Chauhan reviewed that Seat No. 3 (shared by Bakman Water Company, Biola Community Service District, and City of Kerman) will term out at the conclusion of the November meeting. Ms. Chauhan was informed last week that Bakman Water Company (Director Pickens) will take that seat. This will leave Seat No. 7 (at large)

vacant. It will be the determination by the remaining Board Members to select a replacement for Seat No. 7. Director Armstrong will conclude her term as a Board Member at the conclusion of the November meeting.

c. Discussion / Possible Action on Seating of Board Seat No. 7 – At Large (Chauhan)

Staff has discussed the filling of Seat No. 7 with legal counsel. The process will require nominations and voting by the Board Members. Nominees can be from municipal/industrial water companies not currently serving, contracting entities or individuals from the interested parties listed in the joint powers authority (JPA) agreement. The Board has the option of presenting names at this meeting or during the December Board meeting. This is a two-step process with the first phase being the gathering of nominations followed by a vote by the seated Board Members. After discussion, the Board decided to consider individuals to nominate to the Board of Directors rather than taking action at the meeting. Chairman Prieto instructed the Directors to have their recommendations available at the December 17th meeting for a replacement that the Board could vote on.

d. Kings Subbasin Coordination Update (Samuelian)

Mr. Samuelian reviewed the following:

- Preparing SGMA Implementation Grant – Round 1
  - One (1) application per Basin, max request $5 million
  - Project requests from five of seven GSAs, emphasis on Disadvantaged Area Communities (DAC) benefit
    - Two projects in North Kings GSA (FID Savory Pond Basin and City of Kerman intertie an existing basin)
- Fall data collection wrapping up
- Spring 2020 Contours and Storage Change calculations
- GSAs video'ing wells and constructing new monitor wells w/Department of Water Resources (DWR) grant
- GSAs initiating Fall data collection from representative monitoring networks.
- GSAs continuing to prepare rules/regulations necessary for Groundwater Sustainability Plan (GSP) implementation
- Discussing coordinated Basin outreach efforts among GSAs

e. Water Conditions Update (Claes)

Adam Claes reviewed the following based on Fresno Irrigation District's water conditions:

- Kings River:
  - Pine Flat Storage: 206,000 acre-feet (57% of normal for date)
  - No FID entitlements October and November
- San Joaquin River / Friant CVP:
  - Millerton Storage: 176,000 acre-feet (85% of normal for date)
  - Creek Fire: 380,000 acres, 35% of San Joaquin watershed, likely affect water quality and runoff
  - November 14 – Bare-earth Airborne Snow Observatory (ASO) survey. This process is an alternate option of taking snow samples with a pipe and measuring the water content
  - Projections for central California are for temperatures to be warmer and drier than average
  - 85% of average precipitation is being forecasted for next year (2019/2020 was 53%)

f. Advisory Committee Update (Redelfs)

Mr. Redelfs reported the Advisory Committee met on November 13, 2020. The 2021 meeting calendar was discussed and adopted (continuing with the second Friday of the month). The Committee also recommends that the North Kings GSA Board continue to meet on the fourth Thursday of each month.

The Committee discussed and recommended that the Board adopt the New Well Review Policy, developed by the Policy Workgroup, which will be discussed in detail later in the meeting.

A discussion / recommendation was held on the cost-share agreement. The Committee's consensus was that the agreement adopted by the Board of Directors in June 2019, is still acceptable and there are no recommended changes; therefore, no action taken.

g. Discussion / Possible Action on Approval of 2021 Meeting Dates of the NKGSA Board of Directors (Redelfs/Chauhan)

Ms. Chauhan stated the Advisory Committee recommended the NKGSA Board continue to meet monthly on the fourth Thursday of each month at 6:00 p.m. Although some GSAs have gone to bi-monthly or quarterly meetings, the NKGSA Board and staff deemed that it was prudent to continue with monthly meetings since there are policies, rules/requirements, and other items requiring Board action coming out over the next year.

Chairman Prieto suggested that the tentative meeting dates provided on the draft 2021 calendar for November and December be approved as the scheduled dates.

M/S/C (Kienow/Carbajal) That the Board of Directors approved the recommended dates for 2021 and that the tentative dates for November (18th) and December (16th) be accepted due to falling on the Thanksgiving and Christmas holidays. Ms. Chauhan proceeded with calling the roll call vote. (Ayes – Armstrong, Pickens, Kienow, Prieto, Jr., Carbajal, Flores, Pacheco; Nays – 0; Absent – 0; Abstain – 0)

Ms. Chauhan also reminded the Directors that if there are no action items for a Board meeting then that meeting will be cancelled as directed previously by the Board. The 2021 BOD meeting calendar will be posted on the NKGSA website.

h. Discussion / Possible Action on Adoption of New Well Review Policy (NKGSA 2020-003 (Chauhan)

The purpose of this policy contains three parts:

1. Provide up to an additional five business days for review and comment on all well permitting activities for wells within NKGSA boundary
    a. Allows for comment on UR new well may cause
    b. Correspondence with Well Owner/Driller
2. Allows the North Kings GSA to gather data about wells being constructed and to register the new wells so the North Kings GSA can best reach sustainability
3. Establishes the framework for potential new requirements for any new well construction approved in the North Kings GSA boundary

Concerns Identified and Mitigation:

- Health and Safety Concerns – Replacement Wells
    - Up to Five Days – Expedited when Health and Safety Concern are Indicated by County

- Nature of Comments
  - GSP Allows for implementing management actions
  - Covered Under Future Policies/Rules, if needed
- Stress on County Resources – Additional Review Time
  - Driller Meetings to Manage Expectations (potential to add stress on the well drillers – scheduling additional conversations with drillers to better educate them on new procedures and minimize the stress / confusion
  - North Kings GSA to Field Questions on Review

Policy Workgroup members represented Fresno County, City of Clovis, FID, Kings River Drilling, Maricopa Orchards, Hydrologist/Resident, Grower/Resident, Self Help Enterprise, and Provost & Pritchard Consulting.

Recommendation:

The Advisory Committee recommended for the North Kings GSA Board of Directors to adopt the New Well Review Policy, NKGSA 2020-003, with an effective date of January 1, 2021.

Mr. Claes stated this policy was not designed to affect new wells or how they are constructed but to integrate with the County on the permitting process. This will enable the GSAs to gather the much-needed information to assist in groundwater sustainability.

Director Carbajal stated that he appreciates the efforts of the Policy Workgroup and agreed a well policy is needed. The City in general supports the policy but is concerned the policy centers around the County's well permitting application/process, especially regarding the drilling of new wells within City boundaries. Director Carbajal also has a concern with the verbiage of 3.0 – Rational of Policy. Director Carbajal requested the item be tabled to a future meeting to allow time for investigation and editing.

Director Pacheco appreciated the provisions regarding Health and Safety considerations. Director Pacheco did however express concerns regarding standards as the County already has an Environmental Health Department and he does not believe additional bureaucracy on landowners is needed. There is also a concern on who will be doing the review and their qualifications/method of review. Ms. Chauhan was able to respond / clarify Director Pacheco's questions. Ms. Chauhan would be the person reviewing the permits to verify the stated standards (per the GSP) are being met and gather information for record-keeping purposes. The Policy Workgroup worked diligently

to limit additional requirements that landowners and drillers will need to follow. Staff will research Section 6.3.2 of the GSP to make sure it is included in the published version of the NKGSA groundwater sustainability plan (GSP).

M/S/C (Carbajal/Pickens) That the Board of Directors approve tabling this item until the City of Fresno's well drilling policies and other items can be reviewed and edited as needed and then bring back to the Board at the December 17, 2020 meeting or as soon as possible thereafter. Ms. Chauhan proceeded with calling the roll call vote. (Ayes – Pickens, Armstrong, Kienow, Prieto, Jr., Carbajal, Flores, Pacheco; Nays – 0; Absent – 0; Abstain – 0)

i. Workgroup Updates (Chauhan/Koehn)

i. Policy Workgroup –
- Draft Member Agency Reporting Policy
  - Draft Policy Being Developed
  - Routing to Workgroup for Input
  - Discuss with Member Agencies
  - Considered by Advisory Committee in December 2020

ii. Cost Share Workgroup (Koehn)
- Two Meetings during October 2020
  - Findings
    - Current Cost-Share Agreement is Equitable
      - $2.18 per acre
    - No Change Recommended
    - Modify Fiscal Agent Procedures
      - Financial Documents Presented to Advisory Committee Prior to North Kings GSA BOD meetings

Ms. Koehn stated members of the Workgroup were diverse and included City of Clovis, FID, City of Fresno, Garfield Water District, Bakman Water Company, Provost & Pritchard Consulting, and BIA. Recommendation was for the North Kings BOD to keep the existing member agency cost-share agreement with revised percentages adopted on June 27, 2019, in place. No action needed by the Board.

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7. FINANCIAL MATTERS

a. Fiscal Agent Report (Hailey)

- No Financial Statements for November 2020 due to revised procedures for fiscal agent (routing through Advisory Committee prior to going before the Board)
  - Statements through October 31, 2020 will be covered at the December Meeting
  - Revised Procedures Implemented
- Call for Funds
  - Refund Checks Issued – October 29, 2020
- Audited Financial Statements
  - Auditor presented the clear/favorable report to the Board during the October meeting
  - Posted to NKGSA Website

8. EXECUTIVE OFFICER REPORT (Chauhan)

a. Funding Opportunities Update

- DWR Prop 68: SGM Grant Program Implementation – Round 1
  - Considering:
    - FID's Savory Pond Expansion Project
    - City of Kerman – Recharge Project
    - If successful KRWA will administer the funds
  - $26 Million Available
  - Staff will continue to look for any grant funds available
  - Scoring Criteria
    - Human Right to Water
    - Benefits to DACs and URCs

b. Member Agency Overdraft Responsibility Update

- Member Agencies Responsible for percentage of Overdraft
- Simplified Procedure Being Considered
  - Percentage of Recharge Per Acre-Foot Pumped
  - Associated Reporting

- Individual Meetings Scheduled Through November 2020
- Large Group Meeting – January / February
- Mitigation Responsibility Policy

c. External Affairs Update

- KRCD – Kings Subbasin Outreach Campaigns
  - Five of Seven GSAs Cost Sharing
  - Private Domestic Well Owners – Developing Resources (including interactive map locating the closest monitored well to a specified address)
  - Schools
- Self Help Enterprise Outreach Discussions
  - Domestic Well Owners
- Social Media
- Continue with BLOG Posts and E-News
- Website Updates

d. Representative Monitoring Network Update

- Fall Measurements Started October 9, 2020
  - Well tag left with measurement
  - Includes five DWR Monitoring Wells
  - All Except FID – 15 Monitored

- Water Level Monitoring Network
  - FID – Entering into Agreements with Well Owners for Access and Video Inspection – Two Executed Agreement, Several More in Progress
  - Inoperable Wells (staff working on getting alternate wells)
  - Downhole Video Inspections
    - Scheduled for November 2020

- Water Quality Monitoring Network
  - One Well has no Construction Information (will continue to pursue)
  - Alternate Monitoring Well?
  - Water Quality Monitoring by Others – Public Data (NKGSA paid for additional testing that occurs every three years)

e. Miscellaneous

- Other Items
    - Comment Letters – GSA Policies (McMullin GSA) continuing to monitor revisions
    - WELL (Water Education from Latino Leaders) Conference – November 13, 2020 (Ms. Chauhan participated as a panelist)
    - Biola CSD Basin Project Update
    - AEM Survey by Stanford – press release sent out (survey to take place after November 23)
    - DWR Technical Advisory Committee – Revise Bulletin 74 – California Well Standards

9. DIRECTORS REPORT

Director Pickens – none.

Director Kienow – none.

Director Armstrong – stated it has been a pleasure to serve on the Board and wished everyone the best.

Alternate Director Carbajal – none.

Director Prieto – none.

Director Flores – none.

Director Pacheco – none.

10. ADJOURNMENT

With no further discussion or action, Chairman Prieto adjourn the meeting at 7:14 PM.

Submitted by,

_____

Kassy Chauhan, Executive Officer-Secretary/Treasurer

6 (h) – Kings Subbasin Coordination Workgroup Representatives

NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

AGENDA ITEM NO: **6 (h)**
Executive Officer: KPC

NKGSA-
REPORT TO THE BOARD OF DIRECTORS

TO: Chair and Board of Directors

FROM: Kassy Chauhan – Executive Officer

DATE: December 14, 2020

SUBJECT: Kings Subbasin Coordination Workgroup Representatives

ATTACHMENTS: (A) Exhibit A – Kings Subbasin Coordination Agreement

CONFLICT OF INTEREST

None

RECOMMENDATION

For the North Kings Groundwater Sustainability Agency (NKGSA) Board of Directors to approve designating Executive Officer Kassy Chauhan as the designated representative and Bill Stretch as the designated alternative on the Kings Subbasin Coordination Workgroup.

EXECUTIVE SUMMARY

The Kings Subbasin Coordination agreement was fully executed in December 2019 and identifies how the seven groundwater sustainability agencies in the Kings Subbasin are working together on implementation of the Sustainable Groundwater Management Act (SGMA). The agreement contains Exhibit A which designates the representative and the alternate representative on the Kings Subbasin Coordination Workgroup. Currently, Gary Serrato is listed as the representative and Kassy Chauhan is listed as the alternate as at the time the agreement was executed, Gary Serrato was still serving as the Executive Officer of the NKGSA.

Since Kassy Chauhan is the Executive Officer, she should be designated as the representative for the NKGSA on the Kings Subbasin Coordination Workgroup. Every effort is made to ensure the designated representatives can participate in monthly Kings Subbasin Coordination Workgroup meetings. Fresno Irrigation District (FID) has historically served as the alternate representative on the Kings Subbasin Coordination Workgroup. FID General Manager, Bill Stretch, has indicated he is willing to serve as an alternate representative on the Kings Subbasin Coordination Workgroup and would participate in the event Kassy Chauhan is unable to.

FISCAL IMPACT

There is no fiscal impact associated with this recommendation.

REASON FOR RECOMMENDATION

The NKGSA is required to notify the Plan Manager, currently Ronnie Samuelian, per the executed Kings Subbasin Coordination Agreement when there are changes to the representative or the alternate representative. The changes to Exhibit A need to be approved by the governing board. Once approved, a revision to Exhibit A will be prepared and incorporated into the existing agreement.

ACTIONS FOLLOWING APPROVAL

Information on the representative and the designated alternative will be provided to the Plan Manger and Exhibit A of the Kings Subbasin Coordination Agreement will be updated to include Kassy Chauhan and Bill Stretch as the representative and alternate, respectively.

Prepared by: Kassy D. Chauhan

EXHIBIT "A"

GSA DESIGNATED REPRESENTATIVES AND SUBBASIN PLAN MANAGER

DATED: 12/20/2019

CENTRAL KINGS GROUNDWATER SUSTAINABILITY AGENCY, a public agency of the State of California

Representative: Phil Desatoff

Alternate: Earl Hudson

JAMES GROUNDWATER SUSTAINABILITY AGENCY, a public agency of the State of California

Representative: Steve Stadler

Alternate: Robert Motte

KINGS RIVER EAST GROUNDWATER SUSTAINABILITY AGENCY, a public agency of the State of California

Representative: Chad Wegley

Alternate: Jack Brandt

MCMULLIN AREA GROUNDWATER SUSTAINABILITY AGENCY, a public agency of the State of California

Representative: Matt Hurley

Alternate: Don Cameron

NORTH FORK KINGS GROUNDWATER SUSTAINABILITY AGENCY, a public agency of the State of California

Representative: Mark McKean

Alternate: Scott Sills

NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY, a public agency of the State of California

Representative: Gary Serrato

Alternate: Kassy Chauhan

SOUTH KINGS GROUNDWATER SUSTAINABILITY AGENCY, a public agency of the State of California

Representative: Karnig Kazarian

Alternate: Sherman Dix

The PLAN MANAGER is:

Name: Ronnie Samuelian

Agency/Entity: Provost & Pritchard

6 (i) – NKGSA Resolution 2020-02 – Authorization to File Application and Enter Into an Agreement

NORTH KINGS GROUNDWATER
SUSTAINABILITY AGENCY

AGENDA ITEM NO: 6 (i)
Executive Officer: KDC

NKGSA-
REPORT TO THE BOARD OF DIRECTORS

TO: Chair and Board of Directors

FROM: Kassy D. Chauhan – Executive Officer

DATE: December 14, 2020

SUBJECT: Consider Recommending Adoption of NKGSA Resolution 2020-02 – Authorization to File an Application for a Grant Under Prop 68 Sustainable Groundwater Implementation Grant Program and Enter into an Agreement with California Department of Water Resources

ATTACHMENTS: (A) NKGSA Resolution 2020-02

CONFLICT OF INTEREST

None

RECOMMENDATION

For the NKGSA Board of Directors to adopt Resolution 2020-02 authorizing the NKGSA Executive Officer to file an application for a grant under Proposition 68 Sustainable Groundwater Implementation Grant Program and enter into an agreement with the California Department of Water Resources (DWR).

EXECUTIVE SUMMARY

The NKGSA has been working with the members of the Kings Subbasin Committee on scoping for a Proposition 68 Sustainable Groundwater Management Implementation Grant to be submitted on behalf of the Kings Subbasin. The criteria for the grant specify only one grant application per basin. As such, the NKGSA will be the applicant. If successful, the grant will be administered by the Kings River Conservation District (KRCD) as with past grants awarded to the Kings Subbasin. The grant application must be accompanied by a resolution passed by the applicant's board of directors authorizing

the applicant to file the application and enter into a grant agreement, if awarded grant funds. The attached resolution was developed using the DWR provided template.

The scope of the grant application includes two projects for member agencies within the NKGSA: the Savory Pond Expansion Project for Fresno Irrigation District and City of Kerman's Recharge Project. In addition, the Kings River East GSA and the South Kings GSA will have projects included in the grant application. The final application is due to DWR by January 8, 2021.

FISCAL IMPACT

There is no fiscal impact associated with this requested action. The NKGSA and its member agencies are seeking to receive grant funds to offset the costs associated with two projects identified in the NKGSA GSP. Costs associated with preparation of the application and the required outreach is being paid for by the member agencies whose projects are included (Fresno Irrigation District and City of Kerman).

REASON FOR RECOMMENDATION

The adoption of the attached resolution is a required element of the grant application and provides the required documentation to DWR that the agency has approval to proceed with submittal of the grant application and the approval to enter into a grant agreement should grant funds be made available to the Kings Subbasin for the identified projects.

ACTIONS FOLLOWING APPROVAL

The resolution will be included in the grant application for Proposition 68 grant funds due to DWR by January 8, 2021.

Prepared by: Kassy D. Chauhan

RESOLUTION NO. 20-02

RESOLUTION OF THE BOARD OF DIRECTORS OF THE NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY FRESNO, CALIFORNIA

AUTHORIZATION TO FILE AN APPLICATION FOR A GRANT UNDER THE PROPOSITION 68 SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM AND TO ENTER INTO AN AGREEMENT WITH THE CALIFORNIA DEPARTMENT OF WATER RESOURCES

WHEREAS, the North Kings Groundwater Sustainability Agency ("North Kings GSA") is a California Joint Powers Authority formed to implement the Sustainable Groundwater Management Act of 2014 in a portion of the Department of Water Resources Bulletin 118 Kings Subbasin, and;

WHEREAS, the North Kings GSA and other Groundwater Sustainability Agencies ("GSAs") overlying the Kings Subbasin desire to make an application for funding under the 2020 Sustainable Groundwater Management (SGM) Grant Program Implementation – Round 1 Grant to assist with implementation of the Groundwater Sustainability Plans (GSPs), and;

WHEREAS, the North Kings GSA has been requested by the other GSAs within the Kings Subbasin to serve as both applicant and grantee on behalf of the Kings Subbasin, now;

BE IT RESOLVED, by the Board of Directors of the North Kings GSA that application be made to the California Department of Water Resources to obtain a grant under the 2020 SGM Grant Program Implementation – Round 1 Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) (Pub. Resource Code, § 80000 et seq.), and to enter into an agreement to receive a grant for the Kings Basin 2021 GSP Implementation Projects.

BE IT FURTHER RESOLVED THAT, the Executive Director of the North Kings GSA, or his or her designee, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement and any future amendments (if required), submit invoices, and submit any reporting requirements with California Department of Water Resources.

THE UNDERSIGNED, Agency Officer of the North Kings Groundwater Sustainability Agency does hereby certify that the foregoing is a full, true, and correct copy of the Resolutions 20-02 duly and regularly passed and adopted at the meeting of the Board of Directors of said Agency, which was held on the date indicated below, at which meeting a majority of the Board of Directors was present and voted in favor of said resolution.

Adopted this Seventeenth day of December, Two Thousand and Twenty.

_____

Jerry Prieto, Jr., Chairman

_____

Kassy Chauhan, Executive Officer-Secretary

CERTIFICATE OF EXECUTIVE OFFICER-SECRETARY

I, Kassy Chauhan, Executive Officer and Secretary of the Board of Directors of the North Kings Groundwater Sustainability Agency (the "Board"), hereby certify that the foregoing is a full, true, and correct copy of Board Resolution No. 20-02 (the "Resolution"), that the Board has not amended or repealed the Resolution, and that the Board duly adopted the Resolution at a special Board meeting held on the 17th day of December, 2020, and that the Board adopted the Resolution by the following vote:

_____

Kassy Chauhan, Executive Officer-Secretary

	Aye	Nay	Absent	Abstain
Chairman Prieto, Jr.	____	____	____	____
Vice-Chairman Pacheco	____	____	____	____
Director Pickens	____	____	____	____
Director Kienow	____	____	____	____
Alternate Director Carbajal	____	____	____	____
Director Flores	____	____	____	____
Seat 7 – At Large - VACANT				

6 (j) (i) (1) – Policy Workgroup Update – Draft New Well Review Policy – NKGSA 2020-003

NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

AGENDA ITEM NO: 6 (j) (i) (1)
Executive Officer: KDC

NKGSA-
REPORT TO THE BOARD OF DIRECTORS

TO: Chair and Board of Directors

FROM: Kassy D. Chauhan – Executive Officer

DATE: December 14, 2020

SUBJECT: Policy Workgroup Update – Draft New Well Review Policy, NKGSA – 2020-003

ATTACHMENTS: (A) Revised Draft - New Well Review Policy, NKGSA -2020-003

CONFLICT OF INTEREST

None

RECOMMENDATION

There is no recommended action.

EXECUTIVE SUMMARY

The NKGSA Advisory Committee approved recommending approval of the New Well Review Policy (NKGSA 2020-003) to the NKGSA Board of Directors at its November 13, 2020, committee meeting. During the November 19, 2020 special meeting of the NKGSA Board of Directors, the New Well Review Policy was presented and several of the NKGSA Board Directors expressed concern and had questions related to the content of the new well review policy. As such, the Board of Directors directed staff to reconvene the workgroup and revise the new well review policy to address the concerns expressed.

The Board of Directors expressed concern over City of Fresno and other municipalities (City of Clovis and City of Kerman) not being listed as permitting agencies. Additional concerns were expressed regarding the NKGSA imposing requirements on Fresno County staff to adhere to a routing requirement related to new well permit applications.

The Board of Directors also requested clarification on which permit applications the NKGSA is interested in reviewing and possibly commenting on.

The Policy workgroup met on December 3, 2020, to discuss the comments received and revise the new well review policy including specific member agency comments received following the NKGSA Board of Directors meeting. The revised draft (dated December 8, 2020) of the New Well Review Policy is attached.

The main purposes of the New Well Review Policy were revised to include:

1. To provide direction to the Executive Officer (EO) of the North Kings Groundwater Sustainability Agency (NKGSA) when evaluating applications for construction of new water well permits (extraction facilities) within the NKGSA boundary.

2. Request Fresno County and the Cities of Fresno, Clovis, and Kerman (permitting agencies) to provide a minimum review period and information when routing applications for construction of new water well permits to the NKGSA.

3. Utilize data collected from the well permit applications for inclusion in the NKGSA records.

The New Well Review Policy includes provisions for allowing a shorter review period, or no review period, depending on unique or exceptional circumstances as determined by the permitting agencies. This specific provision in the policy statement (Section 7.0.c.1) is included in consideration of situations where heath and safety concerns exist due to lack of potable water and/or other extenuating circumstances as determined by the permitting agency. While the permitting agency may not allow for the requested review period, they have indicated a willingness to share information on the well and associated construction activities for inclusion in the NKGSA records after the permit is issued.

The NKGSA plans to develop a standard response to be shared with well owners and drillers to help expedite the review period but enable sharing of information related to the area where the well is being drilled.

The Advisory Committee considered recommending adoption of the new well review policy during its December 17, 2020 meeting but after a lengthy discussion amongst Advisory Committee members, it was decided to further revise the new well review policy to address outstanding concerns and bring the revised draft back to the Advisory Committee for consideration at its January 8, 2021 meeting.

Staff will be reconvening the Policy Workgroup to continue to work on revisions to the policy and bring the item back for consideration by the NKGSA Advisory Committee and Board of Directors at its January 2021 meetings. Specific concerns to be addressed include specifically mentioning the well permit applications being requested to be routed to the NKGSA for review (excluding monitoring wells) and emphasizing the review period is up to five days but the permitting agency retains control of the review period granted to the NKGSA.

FISCAL IMPACT

The fiscal impact associated with this policy is related to the time spent by staff on review of the well permit applications and any necessary correspondence with the well owner/driller. Since January 2020, there have been approximately 145 well permit applications routed to the NKGSA for wells being drilled within their boundary. As such, it is expected approximately 10 applications per month will be reviewed and the amount of time per application is expected to be about one hour, including necessary correspondence, on average. The NKGSA will be billed for the amount of time actually spent on this task by staff.

REASON FOR RECOMMENDATION

There is no recommended action by the NKGSA Board of Directors for this meeting.

ACTIONS FOLLOWING APPROVAL

The New Well Review Policy will be revised and brought back to the Advisory Committee and the NKGSA Board of Directors at its January 2020 meetings.

Prepared by: Kassy D. Chauhan

NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

Policy No: NKGSA – 2020-003
Policy Title: New Well Review Policy
Board Approval Date: December XX, 2020

1.0 Purpose

There are three purposes for the New Well Review Policy;

1. Provide direction to the Executive Officer (EO) of the North Kings Groundwater Sustainability Agency (NKGSA) when evaluating applications for construction of new water well permits (extraction facilities) within the NKGSA boundary.

2. Request Fresno County and the Cities of Fresno, Clovis and Kerman (permitting agencies) to provide a minimum review period and information when routing applications for construction of new water well permits to the NKGSA.

3. Utilize data collected from the well permit applications for inclusion in the NKGSA records.

2.0 Background

The NKGSA covers the northeast portion of the Kings Groundwater Sub-basin in Fresno County. It is one of seven groundwater sustainability agencies within the Kings Sub-basin.

A Joint Powers Agreement (JPA) establishes the NKGSA governance and the North Kings Groundwater Sustainability Plan (NKGSA GSP) provides the roadmap for how the NKGSA will reach long-term sustainability. Combined, the two documents provide the framework and management strategies for achieving and maintaining groundwater sustainability within the NKGSA plan area. Member agencies of the NKGSA, including the County of Fresno and Cities of Fresno, Clovis and Kerman have authority to issue water well permits within their jurisdiction

3.0 Rationale for Policy

Additional well requirements may be required to more effectively manage and understand the dynamic groundwater conditions within the NKGSA boundary. The permitting agencies have authority to issue well permits within their jurisdiction. The NKGSA is interested in receiving all applications for water well permits from the permitting agencies to increase data collection, reporting, and overall ongoing groundwater management efforts. Further, the NKGSA GSP Section 6.3.2 (Page 6-14 of the NKGSA GSP) specifies the following may be requested by the NKGSA in separate well policies:

- Registration of extraction facilities (wells) within the NKGSA.
- Require the installation of wellhead meters, sounding tubes, and water quality sample ports.
- Require well owners to self-report groundwater extraction volumes, static water levels, and water quality data.

The NKGSA GSP specifies the NKGSA may consider separating the additional well requirements management actions into multiple policies or be silent on various bulleted components until the NKGSA deems them necessary. This New Well Review Policy is addressing the registration of extraction facilities (new wells) within the NKGSA which includes provisions for up to five business days to review well permit applications received from the permitting agencies. The well registry will be created from records obtained from the permitting agencies so that a separate submission to the NKGSA by the driller/well owner is not necessary.

The NKGSA has worked cooperatively with the permitting agencies to gather information including well location information, anticipated depth of the well, and anticipated screened interval of the proposed well at the time the permit application is submitted. For well destruction permit applications, the reason for destruction of the well has been added as required information.

For purposes of this Policy, a well permit is defined as an application to the permitting agency for a permit to allow the construction of a new well for purposes of groundwater extractions of any type, construction of a replacement well for purposes of groundwater extractions of any type, reconstruction or deepening of a well for purposes of groundwater extractions of any type; injection wells for purposes of injecting water into the groundwater aquifer; and destruction of a well of any type.

4.0 Scope and Applicability

This Policy specifically applies to:

a. That portion of the Kings Subbasin located in Fresno County lying and situate within NKGSA boundaries (as depicted in Exhibit A, attached and incorporated herein);

b. All well permit applications received from permitting agencies for well construction activities as described in Section 3.0, within the NKGSA boundary;

c. All data collected by NKGSA and/or its consultants and other partners pursuant to the well construction activities within NKGSA; and

d. All property owners at locations where well construction activities are taking place within the NKGSA boundary.

5.0 Authority

As a Groundwater Sustainability Agency (GSA) properly organized pursuant to the Sustainable Groundwater Management Act of 2014 (Water Code 10720 et. Seq.) (SGMA), NKGSA is authorized to adopt rules, regulations, ordinances, and resolutions for purposes of fulfilling its obligations as a GSA (Water Code 10725.2 (b)), and NKGSA adopts this Policy pursuant to this authority.

6.0 Data Collection and Monitoring

The ability to monitor groundwater extractions requires an accurate accounting of all extraction facilities (wells) within the NKGSA boundary. The NKGSA relies on the online Department of Water Resources (DWR) Well Completion Report Map Application tool to gather information on existing wells (groundwater extraction facilities) within the NKGSA boundary. However, through previous research efforts, the NKGSA understands many existing wells do not have well completion reports or have not been entered into the DWR database and may be absent from the existing records. The intent of the NKGSA requesting permitting agencies route well permit applications to the NKGSA is to complement the existing well recordkeeping and help the EO fully understand and quantify the potential impacts of groundwater decline.

7.0 Policy Statement

With acknowledgement of the information set forth herein above, until further modified as set forth hereafter, the following shall serve as the NKGSA Policy for Well Construction Activity within the NKGSA boundary:

a. The EO, or his/her designee, shall review all water well permit applications received from permitting agencies. The EO shall evaluate water well permit applications for location, proposed depth, and other construction details related to the monitoring and quantity and quality of groundwater for the proposed well permit activities. Further, the EO shall communicate to the permitting agency when it has been determined that construction of a new well may result in an undesirable result as defined in the North Kings Groundwater Sustainability Plan.

b. The EO shall maintain new well records for the NKGSA. These records shall be used to monitor groundwater extractions, maintain an accurate accounting of all extraction facilities within the NKGSA boundary, understanding of potential water quality impacts, and understanding and quantify the potential impacts of groundwater decline.

c. To assist in the EO's review of new water well permit applications and the creation of new well records, the EO shall request the following of permitting agencies:

    1. Provide up to five business days for the review and commenting on all well permitting applications. NKGSA recognizes that a shorter review period, or no review period, may be provided depending on unique or exceptional circumstances as determined by the permitting agencies.

2. Submittal of Well Completion Reports and Well Destruction Reports for activities occurring after the effective date of this policy.

3. Access to permitting agency's data for tracking well activities within their jurisdictions.

d. The NKGSA shall work directly with well owners on any request to maintain wells proposed for destruction for monitoring purposes by the NKGSA.

e. NKGSA shall coordinate, cooperate, and collaborate with the permitting agencies and landowners of well construction activities for implementation of this Policy.

8.0 Effective Date and Modification

a. This Policy shall become effective upon its passage and adoption.

b. NKGSA's Board of Directors may modify this Policy at any time, at its sole discretion, pursuant to the applicable procedures described in NKGSA's bylaws.

The foregoing New Well Policy was passed and adopted by the Board of Directors for the North Kings Groundwater Sustainability Agency, at a regular meeting thereof held on the ____ day of _____, 2020, by the following vote:

AYES:

NOES:

ABSENT:

_____

Chairperson, Board of Directors

Mr. Jerry Prieto

North Kings Groundwater Sustainability Agency

ATTEST:

_____

Kassy D. Chauhan, P.E.

Approved as to legal form and effect: _____

Kevin R. Dale, Esq. AALRR

7 (a - b) – FINANCIAL REPORT

Expense Report – October 2020

&

Financial Statements – October 31, 2020

NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

AGENDA ITEM NO: **7 (a-b)**
Executive Officer: KDC

NKGSA-
REPORT TO THE BOARD OF DIRECTORS

TO: Chair and Board of Directors

FROM: DeAnn Hailey – Fiscal Agent

DATE: December 14, 2020

SUBJECT: Financial Update

ATTACHMENTS:
(A) October 2020 Expense Report
(B) Financial Statements as of October 31, 2020

CONFLICT OF INTEREST

None

RECOMMENDATION

For the NKGSA Board of Directors approval of the October 2020 Expense Report and the Financial Statements as of October 31, 2020.

EXECUTIVE SUMMARY

The fiscal agent, DeAnn Hailey, has prepared the monthly expense report for October 2020 and the financial statements as of October 31, 2020. She will highlight some of the financial items of note and be prepared to answer any questions on the reports. The financial reports for consideration by the NKGSA Board of Directors have been reviewed by the Advisory Committee. The NKGSA Advisory Committee unanimously approved recommending the NKGSA Board of Directors approve the financial reports at its December 11, 2020 meeting.

FISCAL IMPACT

The fiscal impact is shown on the attached reports. The total expenses are in line with the amounts included in the NKGSA 2020-2021 Budget.

REASON FOR RECOMMENDATION

The reports represent expenses and revenues for the NKGSA for this reporting period.

ACTIONS FOLLOWING APPROVAL

Approved financial reports will be filed with the NKGSA Fiscal Agent.

Prepared by: DeAnn Hailey

4:00 PM
12/07/20
Accrual Basis

North Kings Groundwater Sustainability Agency
Expense Report
October 2020

Type	Date	Num	Memo	Account	Amount
Atkinson, Andelson, Loya, Ruud & Romo					
Bill	10/13/2020	602070	July Legal Services	Legal	11,429.78
Bill	10/13/2020	605407	July Legal Services	Legal	557.55
Bill	10/13/2020	602070	July Reversed Invoice	Legal	-11,429.78
Bill	10/13/2020	605408	August Legal Services	Legal	1,765.58
Bill	10/13/2020	603605	August Legal Services	Legal	10,438.58
Bill	10/13/2020	603605	August Reversed Invoice	Legal	-10,438.58
Bill	10/27/2020	606229	September Legal	Legal	933.00
Total Atkinson, Andelson, Loya, Ruud & Romo					3,256.13
Fresno Irrigation District					
Bill	10/30/2020	6573	Executive Officer Hours	Executive Officer	6,545.24
Bill	10/30/2020	6573	Administrator Hours	Supporting Staff (F...	323.31
Bill	10/30/2020	6573	Fiscal Agent Hours	Supporting Staff (F...	502.79
Bill	10/30/2020	6573	Recording Secretary Hours	Supporting Staff (F...	304.58
Bill	10/30/2020	6573	Engineering Admin Asst Hours	Supporting Staff (F...	42.03
Bill	10/30/2020	6573	Admin Fee 6%	Supporting Staff (F...	463.08
Total Fresno Irrigation District					8,181.03
Hudson Henderson & Company, Inc.					
Bill	10/19/2020	2654	Audited Financial Stmts 6/30/2020	Audit Expense	1,340.00
Total Hudson Henderson & Company, Inc.					1,340.00
Kings River Conservation District					
Bill	10/20/2020	4621	External Affairs Outreach Services	Public Information	2,332.50
Total Kings River Conservation District					2,332.50
Provost & Pritchard Consulting Group					
Bill	10/29/2020	81804	September Services	Kings Basin Coordi...	1,708.00
Bill	10/29/2020	81794	September Services	Engineering Consu...	10,317.50
Bill	10/29/2020	81797	September Services	Engineering Consu...	63.00
Total Provost & Pritchard Consulting Group					12,088.50
TOTAL					**27,198.16**

4:01 PM
12/07/20
Accrual Basis

North Kings Groundwater Sustainability Agency
Balance Sheet
As of October 31, 2020

	Oct 31, 20
ASSETS	
Current Assets	
Checking/Savings	
Checking Account	-16,835.89
Money Market Account	1,055,706.94
Total Checking/Savings	1,038,871.05
Accounts Receivable	
Accounts Receivable	20,428.50
Total Accounts Receivable	20,428.50
Total Current Assets	1,059,299.55
TOTAL ASSETS	1,059,299.55
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	24,875.03
Total Accounts Payable	24,875.03
Other Current Liabilities	
Deferred Revenues Intr Parties	7,113.20
Total Other Current Liabilities	7,113.20
Total Current Liabilities	31,988.23
Total Liabilities	31,988.23
Equity	
Legal Reserves Fund	250,000.00
Net Investment	243,148.70
Net Income	534,162.62
Total Equity	1,027,311.32
TOTAL LIABILITIES & EQUITY	1,059,299.55

8:25 AM
12/08/20
Accrual Basis

North Kings Groundwater Sustainability Agency
Income Statement - Budget vs. Actual
July through October 2020

	Jul - Oct 20	Budget	$ Over/(Under) Budget	% of Budget
Ordinary Income/Expense				
Income				
Interested Party Contribution	0.00	0.00	0.00	0.0%
Grant Income	0.00	70,000.00	-70,000.00	0.0%
Member/Contracting Entity				
Bakman Water Company	5,000.00	5,000.00	0.00	100.0%
Biola Community Services Distr	1,000.00	1,000.00	0.00	100.0%
City of Clovis	34,000.00	34,000.00	0.00	100.0%
City of Fresno	167,000.00	167,000.00	0.00	100.0%
City of Kerman	5,000.00	5,000.00	0.00	100.0%
County of Fresno	85,000.00	85,000.00	0.00	100.0%
Fresno Irrigation District	374,000.00	374,000.00	0.00	100.0%
Garfield Water District	4,000.00	4,000.00	0.00	100.0%
International Water District	2,000.00	2,000.00	0.00	100.0%
Total Member/Contracting Entity	677,000.00	677,000.00	0.00	100.0%
Total Income	677,000.00	747,000.00	-70,000.00	90.63%
Expense				
Audit Expense	3,970.00	4,500.00	-530.00	88.22%
Bank Charges	0.00	150.00	-150.00	0.0%
Dues and Subscriptions	0.00	1,000.00	-1,000.00	0.0%
Grant Administration Costs	0.00	50.00	-50.00	0.0%
Insurance	1,895.30	1,200.00	695.30	157.94%
Kings Basin Coordination	3,494.00	50,000.00	-46,506.00	6.99%
Legal	3,256.13	75,000.00	-71,743.87	4.34%
Legal Reserves Expense	50,000.00	50,000.00	0.00	100.0%
Office Supplies	0.00	500.00	-500.00	0.0%
Printing/Materials Costs (FID)	0.00	50.00	-50.00	0.0%
Professional Services				
Engineering Consultant	50,039.34	200,000.00	-149,960.66	25.02%
Security Services	0.00	350.00	-350.00	0.0%
Professional Services - Other	0.00	165,000.00	-165,000.00	0.0%
Total Professional Services	50,039.34	365,350.00	-315,310.66	13.7%
Public Information	9,121.50	15,000.00	-5,878.50	60.81%
Staff Expense				
Executive Officer	17,747.68	100,000.00	-82,252.32	17.75%
Supporting Staff (FID)	3,329.38	20,000.00	-16,670.62	16.65%
Total Staff Expense	21,077.06	120,000.00	-98,922.94	17.56%
Total Expense	142,853.33	682,800.00	-539,946.67	20.92%
Net Ordinary Income	534,146.67	64,200.00	469,946.67	832.0%
Other Income/Expense				
Other Income				
Interest Income	15.95	400.00	-384.05	3.99%
Total Other Income	15.95	400.00	-384.05	3.99%
Net Other Income	15.95	400.00	-384.05	3.99%
Net Income	534,162.62	64,600.00	469,562.62	826.88%

North Kings Groundwater Sustainability Agency
Unpaid Invoices
As of October 31, 2020

Type	Date	Num	Open Balance
NFKGSA - North Fork Kings GSA			
Prop 1			
Payment	04/15/2019	1089	-192,856.50
Invoice	04/15/2019	1032	214,285.00
Total Prop 1			21,428.50
Total NFKGSA - North Fork Kings GSA			21,428.50
TOTAL			**21,428.50**

8 (a - e) – Executive Officer Report

NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

AGENDA ITEM NO: 8 (a) - (e)
Executive Officer: KDC

NKGSA-
REPORT TO THE BOARD OF DIRECTORS

TO: Chair and Board of Directors

FROM: Executive Officer – Kassy Chauhan

DATE: December 14, 2020

SUBJECT: NKGSA Executive Officer Report

ATTACHMENTS: A: AEM Survey News Article – December 4, 2020

Funding Opportunities

The NKGSA continues to explore funding opportunities to cover expenses for the NKGSA activities. The California Department of Water Resources (DWR) recently released the Proposition 68: SGM Grant Program Implementation Round 1 and 2 Draft Solicitation Plan. This funding includes $103 Million for Rounds 1 ($26M) and 2 ($77M). This is a small pot of money for the size of the problem and only one application per subbasin will be allowed. The applications are due in December 2020. The Kings Subbasin has met several times to develop the list of projects that would score the best increasing the subbasin's chances of being awarded grant funds.

Two projects were submitted for the NKGSA after discussions with several member agencies. The two projects, Fresno Irrigation District's Savory Pond project and City of Kerman's Lyon's Reservoir Recharge Project, were selected given the direct benefit to DACs/URCs and because the land is secured by the entities. Provost & Pritchard Consulting Group has begun to prepare the application materials for submittal to DWR by the January 8, 2021 deadline. The total grant amount requested will be less than the maximum allowable as some of the projects initially considered did not appear to score very well and would have reduced the overall score for the Kings Subbasin application. With the limited funding and high competition for the funds, the Kings Subbasin is seeking projects that can meet the maximum criteria which prioritizes disadvantaged/under-represented communities (DACs/URCs) benefits and Human Right to Water.

The NKGSA has volunteered to be the applicant for the grant on behalf of the Kings Subbasin. The scope of work for the application will include projects from NKGSA (as described above), Kings River East GSA and South Kings GSA. Currently, outreach efforts are underway to ensure there is community support for the projects identified as

directly benefitting from the included projects. The application needs to include at least five support letters for various entities to receive the maximum score in the application ranking.

Member Agency Overdraft Responsibility Discussions

In light of COVID-19 and restrictions on meeting in large groups, the NKGSA has been meeting individually with member agencies for the overdraft responsibility discussions to refine the data used in the water budget for each agency. A thorough review of each agency's groundwater impact will facilitate the discussion regarding each member agency's overdraft responsibility and the associated mitigation responsibility. These discussions with the individual member agencies allow for the evaluation of the data prior to the large group discussion with representatives from each member agency present to discuss any concerns/conflicts regarding details included in their water budget. The individual member agency discussions will continue through the remainder of 2020. A simplified process for determining the overall mitigation requirement is being discussed during the individual meetings and results in a percentage of recharge for every acre-foot of water pumped from the aquifer. This simplified approach allows for long-term planning by the various agencies.

To date, at least one meeting with each of the member agencies has been held. Follow-up meetings with some member agencies including the Cities of Fresno and Clovis, Fresno County and Fresno Irrigation District are needed and have been scheduled. Once the individual agency meetings are completed, the large group will be convened to finalize the mitigation responsibility numbers. Once finalized, a policy will be developed to memorialize the agreed upon mitigation responsibilities for each agency with addendums every five years when the mitigation responsibilities are corrected. Additional policies could be needed to address issues related to place of recharge compared to where the displacement is occurring as well as finalizing the member agency reporting policy. It is expected the member agency mitigation responsibilities will be finalized in Spring 2021.

Outreach and External Affairs

KRCD continues to provide support to the NKGSA in regard to public relations including posting to the NKGSA social media and assistance with preparing emails for distribution to the general interest group for the NKGSA.

Domestic Well Owner Outreach

The NKGSA has been working with KRCD on targeted outreach efforts for private domestic well owners and schools. Given the presence of these stakeholders in other Kings Subbasin GSAs, five of the seven GSAs in the Kings Subbasin are working together to share costs on these outreach efforts. The purpose of this outreach is to develop and disseminate relevant information on domestic well impacts via existing and new channels. The key objective is to begin the foundation for engagement with domestic well users with a replicable education and engagement campaign with the Kings Subbasin to establish trust and minimize sharing of misinformation and friction along the road to sustainability. The five GSA's are sharing in the cost of developing an online domestic well brochure,

an interactive subbasin map showing the representative monitoring wells and the associated measurable objectives and minimum thresholds as well as advertising of these new resources. The draft brochures have been completed and are being circulated for comments prior to finalizing and making the documents available for use within the various GSAs.

The NKGSA and KRCD recently met with Asian Business Institute Resource Center (ABIRC) and the University of California Cooperative Extension (UCCE) to discuss translation of the information in the domestic well owner brochure to the various groups their organizations work with. Given the large number of Southeast Asian residents in the NKGSA, continued dialogue about how best to provide important information to the Southeast Asian residents is needed.

School Outreach:

The NKGSA is also working with KRCD on a school outreach campaign along with four other GSAs in the Kings Subbasin. The objective of the school outreach is to engage rural schools to educate facilities/operations managers, resulting in action that is more sustainable and cognizant of groundwater resource management. While this school outreach effort will be ongoing given the amount of turnover in these facilities/operations manager position, this campaign will result in the development of an online brochure as well as a webinar for school representative to continue the discussion about responsible groundwater management at their sites. The draft school brochure is completed and is being routed to the various agencies prior to finalizing and making the documents available for use within the various GSAs.

Social Media

The NKGSA has accounts on Facebook and Twitter and has consistently posted at least two posts per month since July 2020. Each month, a social media calendar is prepared which includes content, pictures and details for scheduling posts to social media. For November 2020, the following information on social media activity was reported:

Social Media Account	Number of Posts	Number of Fans/Followers	Number of Engagements
Facebook	10 (down 3)	37 (up 2)	15
Twitter	11 (down 2)	70 (up 4)	11

Overall, in November 2020, NKGSA's presence on social media was steady resulting in increased fan/followings as well as engagements. The NKGSA is continuing to work with KRCD on improving our following on social media.

Representative Monitoring Network

Efforts to get access to construction information for the wells identified in the NKGSA representative monitoring network continue. Currently, the NKGSA is working with Sanger Unified School District to have a pump company onsite to conduct a video inspection of the well at Centerville School. Once the video is completed on this well (scheduled for late December 2020), all of the wells in the water quality monitoring network with the exception of one will be available.

For the water level monitoring network, there are currently 17 wells with missing construction information. Fresno Irrigation District continues to engage with the well owners in an attempt to enter into an access agreement at which point the NKGSA can arrange for the downhole video inspection and other necessary improvements to get access to the well construction features.

Airborne Electromagnetic Survey (AEM)

The airborne electromagnetic survey (AEM) was completed in the foothill regions of Northeast Fresno during the week of November 30, 2020. The SkyTem helicopter and the geophysical imaging system took to the skies to examine the transition zone between the Sierra Foothills and the valley floor in hopes of gaining valuable information about subsurface geology and potential recharge in an area which is known to be difficult to recharge water in. The NKGS provided data on monitoring wells in the area that researchers can use to ensure the AEM survey results are validated with on-the-ground information. KRCD External Affairs was onsite to capture the work being done and was featured in an article in the online publication of the Stanford Woods Institute for the Environment. A copy of the article is included, Attachment A.

Prepared by: Kassy D. Chauhan

Attachment A

Stanford Researchers Fly Airborne Survey

View this email in your browser

News Release

December 4, 2020

Flying the Foothills

Stanford researchers, in collaboration with groundwater managers, are leading an airborne survey effort to investigate where water from the Sierra Nevada Mountains could recharge groundwater aquifers in California's Central Valley.

By Devon Ryan

Groundwater managers across the Central Valley striving to attain sustainability for underground aquifers are largely operating without a map. California's 2014 Sustainable Groundwater Management Act (SGMA) requires managers to attain groundwater sustainability by 2042. However, critical knowledge is lacking on where water flows from the Sierra Nevada Mountains to recharge water supplies underground, and where there are sites that could be used to enhance the recharge, making it difficult to ensure water depleted through pumping and irrigation is balanced by new water coming in.

Taking Flight

"With the commitment to meeting the goals of SGMA came the recognition of all the data gaps. How can we get the information we need about California's groundwater systems?" said Rosemary Knight, a professor of geophysics in the Stanford School of Earth, Energy & Environmental Sciences. "You can't get

sufficient coverage by drilling wells so, in this case, we're flying the foothills – using a helicopter to carry a geophysical system to image beneath the ground."

Stanford researchers used a helicopter carrying a geophysical imaging system to look beneath the ground for water pathways that could recharge aquifers. (*Photo - Rebecca Quist*)

Knight is leading a team of researchers conducting an airborne electromagnetic (AEM) survey of the Sierra foothills and edge of the Central Valley in order to image the rocks and sediments that control how water moves underground. The selection of the AEM system (SkyTEM) and the acquisition and processing of the AEM data is being handled by Aqua Geo Frameworks. The flights, which are taking place this week, will acquire information essential to advancing groundwater science. Equally important, by collaborating with groundwater managers in Tulare and Fresno Counties, the research team is also helping to inform and impact managers' sustainability efforts.

Groundwater depletion is a serious issue in the Central Valley, a region that produces one fourth of the nation's food and is responsible for 20% of all groundwater consumption in the United States. Climate change, which threatens to reduce precipitation and increase temperatures, combined with high demand from agriculture and the prevalence of clay which is prone to land subsidence or sinking has created a huge challenge for the region's groundwater managers. Previous work using satellite data and modelling has

shown that over-pumping groundwater in the Central Valley could result in the ground sinking by 13 feet or more in some areas over the next 20 years and permanent loss of water storage capacity by hundreds of thousands of gallons. Not only is water quantity at stake for the region but water quality, as clay when pumped can release arsenic into water supplies.

"While some of the subsidence occurring is reversible, in many cases, we are talking about irreversible changes to our aquifer storage," said Meredith Goebel, a post-doctoral fellow in the Environmental Geophysics Group at Stanford. "This is why it is so critical to understand recharge pathways and strategically manage aquifers going forward."

The team's latest AEM helicopter survey took place above a transition zone between the Sierra Foothills and the valley floor in the Southeastern part of the Central Valley. The results will help the North King's GSA (NKGSA) and others in Fresno County identify areas where the subsurface geology transitions from fractured granite where recharge is difficult to sand and gravel where water can more easily move through to deeper areas underground, explained Kassy Chauhan, executive officer of the NKGSA. This is key to determining sites where there is natural recharge and also which sites will be most strategic for managed aquifer recharge where excess surface water is moved to locations where it can go further below ground and make up for the water lost from groundwater pumping. The NKGSA provided data on monitoring wells in the area that the researchers can use to ensure the AEM survey results are validated with on-the-ground information.

"The more the NKGSA and Fresno County can learn about this transition zone the better decisions we can make regarding where recharge can occur," said Chauhan. "The collaboration with Stanford researchers and the other GSAs in the area has been hugely beneficial for the Central Valley and will result in valuable information for the GSAs to make informed management decisions."

Buried Treasure

With the AEM data, the researchers will be able to see beneath the ground to a depth of about 300 meters and create a 3-D model of electrical resistivity, illuminating the types of materials in the subsurface.

"One of the target areas for our survey is near the Kings River where there is a buried valley, found by looking at well data, that is likely a "fastpath" for moving water deep underground," said Knight. "If we see it in our AEM data, that

means we could fly the rest of the Central Valley, looking for these fastpaths elsewhere. They naturally deliver water from the Sierras and could also be used by groundwater managers to recharge aquifers."

During the glaciation of the Sierra Nevada thousands of years ago when water was encased in ice above what is now the Central Valley, melting ice created rivers that cut through rock and brought coarse-grained sediments into valleys. Though 70 to 80% of the Central Valley is geologically difficult for recharge, these buried valley areas could be ideal pathways for aquifer recharge because of how efficiently water can move through them.

"It's analogous to finding a buried treasure," said Graham Fogg, a professor at UC Davis and collaborator on the project, "where the 'treasures' are buried paleo valleys that exist in every, major alluvial fan deposit on the east side of the Central Valley, yet their locations are unknown except in a few instances. We're working to show that focusing recharge on these paleo valleys will be key to mitigating and reversing the ongoing decline in regional groundwater quality caused by irrigated agriculture."

Finding these potential recharge zones has implications for the entire region which is looking to balance the water budget and gain insight into options for increasing water underground.

"Efficient recharge by exploiting the most geologically opportune locations will be essential for California to both solve its groundwater mismanagement problems and to deal with the water security challenges posed by climate change," said Fogg.

"Groundwater management in California is extremely challenging. There are so many unknowns," said Knight. "That's why projects such as this, that bring together the academic researchers and the groundwater managers, are essential. Knowledge into action; that's what we need."

The project involves researchers from Stanford, UC Davis and UC Riverside in collaboration with groundwater managers and representatives from the Tulare, Fresno, Lindmore, and Consolidated Irrigation Districts, the Kings River East, North Kings, South Kings, and Greater Kaweah GSAs, the Fresno County Department of Public Works and Planning, the Kaweah Delta Water Conservation District, and Provost & Pritchard Consulting Group.

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