North Kings Groundwater Sustainability Agency JPA

Regular Board Meeting
May 23, 2024

NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

AGENDA

Call to Order

1. Call to Order
2. Pledge of Allegiance
   - Remote Participation Instructions

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Written and Verbal Comments

Members of the public are encouraged to participate in the Board Meeting and will have an opportunity to provide public comments during the meeting under Agenda Item No. 5 and following each agenda item discussion. No prior arrangements are required to be able to make public comment but comments are limited to three (3) minutes.

Written Comments can also be provided up to one hour prior to the scheduled meeting. Written comments received in advance of the meeting 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.

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3. Review Agenda

4. Review of Future Meetings

5. Public Presentations

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5. Public Presentation

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6. Potential Conflicts of Interest

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7. Administrative Matters:

a. Discussion/Possible Action on Board Meeting Minutes – February 22, 2024

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7. Administrative Matters:

b. Update – NKGSA Board Alternate Director for FID

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7. Administrative Matters:

c. Kings Subbasin Coordination Update (Samuelian)

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Kings Basin Update

- Well Mitigation Program reviewed by TACs, revisions made, out to GSAs for adoption
  - Coordinated proposal for Administration of program for North, North Fork, KRE and Central
- Interconnected Surface Water coordination on SJR and Kings
  - Interbasin coordination with Madera Basin, USBR and FWA
- GSP Revisions for other corrective actions initiated
  - Draft redline GSPs to TACs in Aug
  - Public comment Period in October, with adoption in Dec/Jan for submittal to DWR by 1/31/25
- Water Allocation Framework discussions ongoing
- Tracking State Board process for other basins
- Spring 2024 water level readings collected

WY 22-23 Kings Basin Annual Report

- Submitted 3/30/24

Table 2-3 – Kings Subbasin Surface Water Use (WY2023)

Water Use	Volume (AF)
Direct Use	1,286,000
Managed Recharge	651,000
Total	1,937,000

2023 was a "big water" year

Surface Water Deliveries average 1.2MAF in Kings Basin

700+KAF above average

Water Year	% Historical Diversions	Water Year Type
2015	20%	Dry
2016	75%	Normal
2017	158%	Wet
2018	100%	Normal
2019	151%	Wet
2020	75%	Normal
2021	23%	Dry
2022	47%	Dry
2023	**155%**	**Wet**
Average	102%	Normal

Only 1.8MAF Surface Water Delivered from 2020-2022. (That is 1.8MAF below average)

Kings Basin Update

- Schedule for studies and GSP revisions

TASK	2023					2024												2025
	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
Confined Aquifer Study																		
ISW Studies																		
Basin Domestic Well Mitigation Program																		
GSA Specific Domestic Well Mitigation Plans																		
GSP Language Revisions																		
Admin Draft GSPs and Periodic Eval (PE) to GSAs																		
Draft GSPs & PE Posted for Comment																		
Draft GSP Revisions																		
Final GSP & PE Adoption by GSA Boards																		
GSP Posting to SGMA Portal																		

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7. Administrative Matters:

d. Water Conditions Report

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7.d Water Conditions Update

A Lot of Changes Since End of February!

- March 1 Snow Survey: 68% of April 1 avg
  - *It's going to be a dry year.*
- Then weekly late March/early April storms
- April 1 Snow Survey: 90% of April 1 avg
  - *It's going to be almost an average year*
- Today: 100% of average April-July runoff projected
  - *A statistically exact average year happens 1x every 120 years*

7.d Water Conditions Update

Kings River Conditions

- "Internal" Flood release: May 5 – 15 (11 days)
  - No water spilled to Mendota Pool
- Pine Flat Storage: 959,000 AF (96% full, rising ~3k AF/day)
  - Anticipated to peak at end of May
- FID storage: 136k AF
  - Plan to fill FID's 141k AF max "bucket" by end of May

7.d Water Conditions Update

San Joaquin River / Friant Conditions

- USBR CVP Friant "Uncontrolled Season" declared May 1-28
- Goal: offer lots of cheap water to Friant contractors to keep Millerton Lake from spilling
- **FID's Strategy**
  1. Utilized Kings River flood releases until those ended May 15
  2. Bulk import of "Uncontrolled Season" CVP Friant water through May 16-28
  3. Decrease FID's Kings River demands (by taking more CVP Friant water) to fill FID's Pine Flat storage "bucket" by May 28

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7.d Water Conditions Update

FID's 2024 Irrigation Season

- District-wide deliveries began April 1
- Continue through August (5 months)
- Deliver ~500k AF

- FID "Norm": 5 months & 500k AF

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7. Administrative Matters

   e. Advisory Committee Update (Claes)

Recommended Actions:

- Approval of Expense Reports for January – March 2024
- Approval of the Financial Statements as of March 31, 2024
- Approval of the Revised FY 2023-2024 Budget

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7. Administrative Matters

e. Technical Workgroup Update (Claes)

Current Efforts:

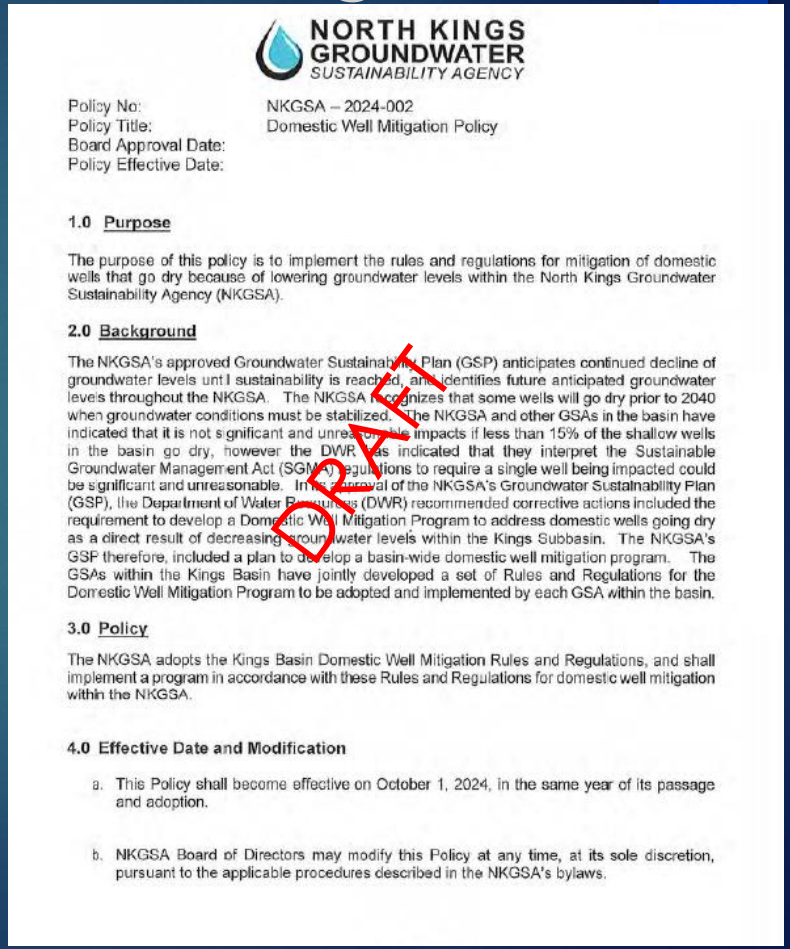
- Every 3 weeks since End of 2023
- Domestic Well Mitigation Program
  - Impacts to NKGSA
  - First Year and Long-Term Funding Options and Recommendations
  - Drafting Policy for Well Mitigation
  - Review and Comment on the Kings Basin Rules and Regulations

7.g. Domestic Well Mitigation Program

- Kings Basin Completed Draft Guidelines and Rules and Regulations – April 2024
- GSAs to Adopt Policy, Rules and Regulations and Commit Funding to First Year Implementation – May-July 2024
- Secure Admin Support contract, vendor contracts – August – September 2024
- Program Begins – October 1, 2024

7g. Domestic Well Mitigation Program

- NKGSA Policy 2024-XXX Domestic Well Mitigation Program
  - Purpose: To implement the rules and regulations for mitigation of domestic wells that go dry because of lowering of groundwater levels within the NKGSA.



NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

Policy No: NKGSA – 2024-002
Policy Title: Domestic Well Mitigation Policy
Board Approval Date:
Policy Effective Date:

1.0 Purpose

The purpose of this policy is to implement the rules and regulations for mitigation of domestic wells that go dry because of lowering groundwater levels within the North Kings Groundwater Sustainability Agency (NKGSA).

2.0 Background

The NKGSA's approved Groundwater Sustainability Plan (GSP) anticipates continued decline of groundwater levels until sustainability is reached, and identifies future anticipated groundwater levels throughout the NKGSA. The NKGSA recognizes that some wells will go dry prior to 2040 when groundwater conditions must be stabilized. The NKGSA and other GSAs in the basin have indicated that it is not significant and unreasonable impacts if less than 15% of the shallow wells in the basin go dry, however the DWR has indicated that they interpret the Sustainable Groundwater Management Act (SGMA) regulations to require a single well being impacted could be significant and unreasonable. In its approval of the NKGSA's Groundwater Sustainability Plan (GSP), the Department of Water Resources (DWR) recommended corrective actions included the requirement to develop a Domestic Well Mitigation Program to address domestic wells going dry as a direct result of decreasing groundwater levels within the Kings Subbasin. The NKGSA's GSP therefore, included a plan to develop a basin-wide domestic well mitigation program. The GSAs within the Kings Basin have jointly developed a set of Rules and Regulations for the Domestic Well Mitigation Program to be adopted and implemented by each GSA within the basin.

DRAFT

3.0 Policy

The NKGSA adopts the Kings Basin Domestic Well Mitigation Rules and Regulations, and shall implement a program in accordance with these Rules and Regulations for domestic well mitigation within the NKGSA.

4.0 Effective Date and Modification

a. This Policy shall become effective on October 1, 2024, in the same year of its passage and adoption.

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

7g. Domestic Well Mitigation Program

- Rules and Regulations:
  - Eligibility
  - Process
  - Cost-Share

Table 1: General Eligibility Requirements

Description	Eligible	Not Eligible
Type of Wells	Domestic State Small Water System	Agricultural Combination agricultural-domestic Commercial Industrial Livestock Municipal (except State Small Water System) Monitoring Wells
Aquifer Materials	Alluvial	Hard Rock
Cause of Well Failure	Declining regional groundwater levels due to groundwater pumping	Plugged well screen Collapsed well casing Pump or electrical failures Tree roots/ foreign objects in well Biofouling / biofilm Sedimentation in well Water quality problems Well construction defects Water level decline caused by other on-site wells Any other reason not related to groundwater level declines
Well Age	Equal to or less than 50 years old at time of application	Greater than 50 years old at time of application
Income	Annual household income equal to or less than 80% of State median household income	Income greater than 80% of State median household income
Well Permit	Legally permitted wells	Unpermitted wells constructed in the previous ten years (i.e. clear evidence of no well permit)
Status with GSA	Good standing with GSA	Delinquent with GSA on fees, taxes or other required payments
Landownership	Landowner	Renter or lessee Bank-owned homes
Other	Wells that are part of a trust or living trust	Private wells used for business or commercial purposes New home construction New water system construction New wells not constructed to Well Mitigation Program standards Properties verified to be causing groundwater overdraft

Final Draft

7g. Domestic Well Mitigation Program

- Rules and Regulations:
  - Eligibility
  - Process
  - Cost-Share – Determined based on age of well.
    - Grant/Loan

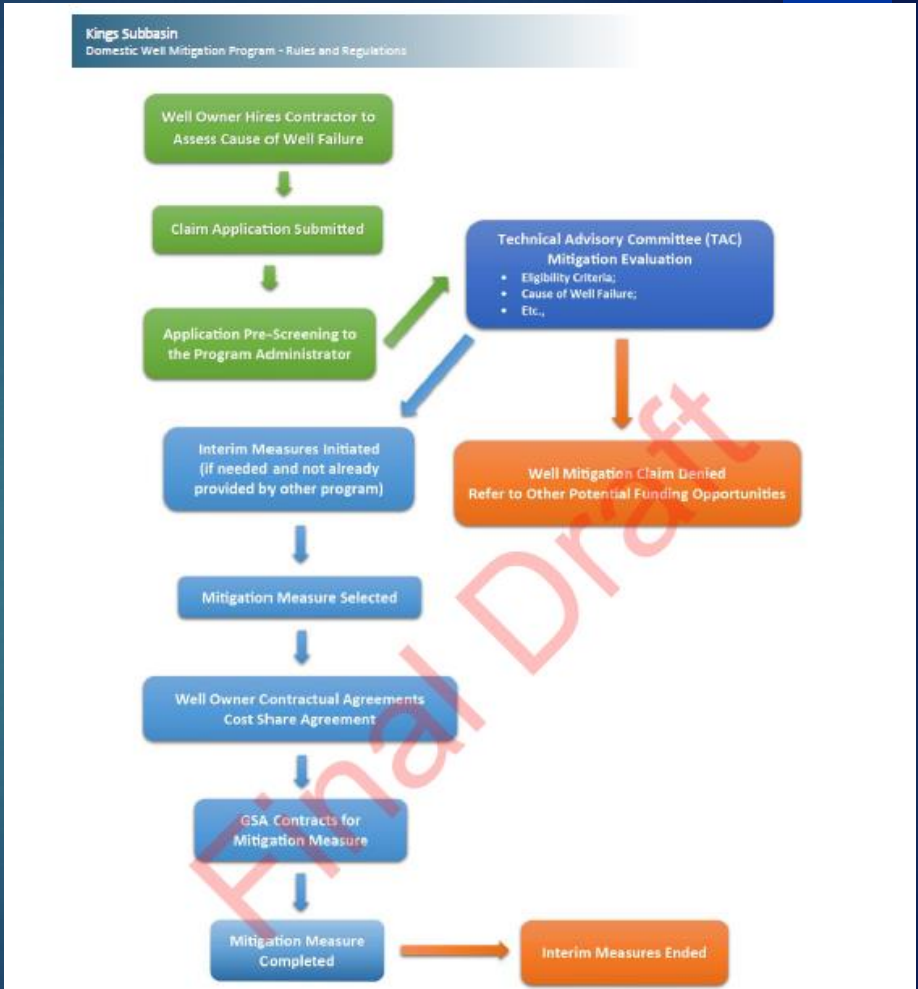


Figure 3: Flow Chart of Claims and Well Evaluation Process

7g. Domestic Well Mitigation Program – Current Efforts

- Administrative Support
  - Cost-Sharing Option with Other GSAs
    - Provost & Pritchard
    - KRCD

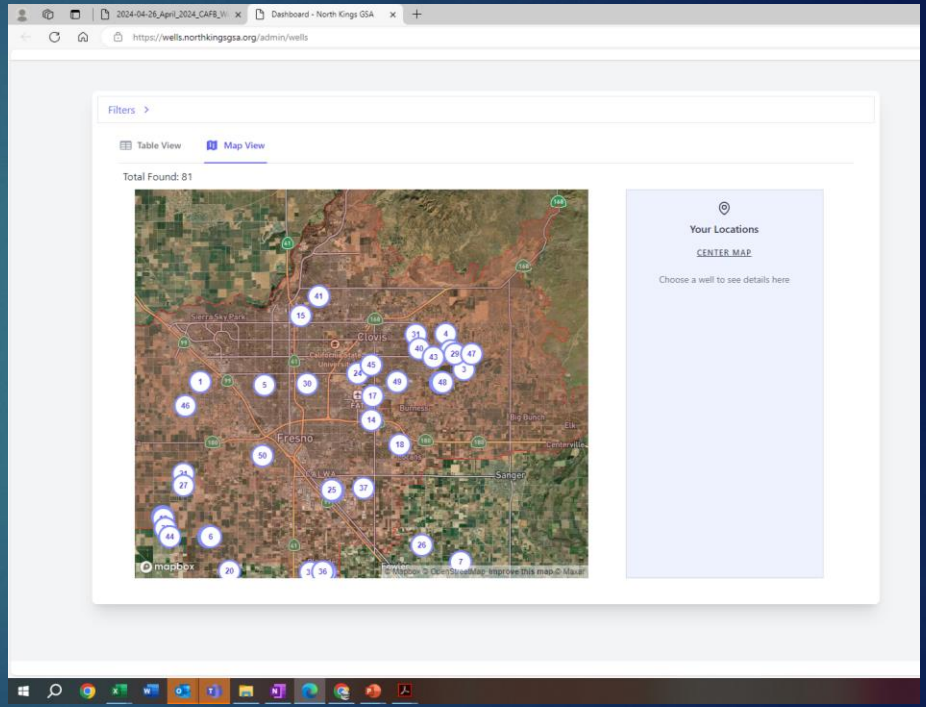
- First Year Implementation Funding Proposal
  - $500,000 – Proposed Seed Funds
  - Long Term
    - Evaluating Alternatives

7.h . Well Registration Tool

- Launched –March 2024

- Portal Accessible on NKGSA Website Home Page
- Email Blast Via NKGSA and FID email distribution lists
- Coordination with Fresno County White Area Landowners – Re-engagement
- FID Grower Meetings
- Batch Upload Option

- Continue Campaign



7.i Admin.

i. Well Permitting Update

***2023: 293 total**

All Well Permits Issued	Number
January	5
February (to date)	2
March	11
April	8
May	4
June	
July	
August	
September	
October	
November	
December	
Total – To Date	**30**

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NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

8. Financial Report:
   - a. Discussion/Possible Action – Expense Reports – Jan – March 2024
   - b. Discussion/Possible Action – Financial Statements as of March 31st
   - c. Discussion/Possible Action – Revised FY 2023-2024 Budget
   - d. Interested Parties Invoices Update

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4.c Revised FY 2023-2024 Budget

- Recommend Approval based on current and future expenses through June 30, 2024.
  - $58,775.00 Less Expenses

North Kings Groundwater Sustainability Agency
Statement of Revenues, Expenses, and Changes in Net Position

ATTACHMENT A

	Jul '23 - Mar '24 Actual	5/25/2023 Approved 2023-2024 Budget	% of Budget	3/28/2024 Proposed 2023-2024 Budget	% of Budget
Operating Income/Expense					
Income					
Interested Party Contribution	7,113.20	7,363.20	97%	7,113.20	100%
Grants Income	0.00	0.00	0%	0.00	0%
Member/Contracting Entity					
Bakman Water Company	1,449.85	1,449.85	100%	1,449.85	100%
Biola Community Services Distr	56.23	56.23	100%	56.23	100%
City of Clovis	12,083.24	12,083.24	100%	12,083.24	100%
City of Fresno	62,371.19	62,371.19	100%	62,371.19	100%
City of Kerman	1,627.19	1,627.19	100%	1,627.19	100%
County of Fresno	31,772.14	31,772.14	100%	31,772.14	100%
Fresno Irrigation District	142,576.29	142,576.29	100%	142,576.29	100%
Garfield Water District	1,395.18	1,395.18	100%	1,395.18	100%
International Water District	618.70	618.70	100%	618.70	100%
Total Member/Contracting Entity	253,950.01	253,950.01	100%	253,950.01	100%
Total Income	261,063.21	261,313.21	100%	261,063.21	100%
Expense					
Audit Expense	6,025.00	5,000.00	121%	6,025.00	100%
Bank Charges	35.00	200.00	18%	200.00	18%
Dues and Subscriptions	3,313.17	3,315.00	100%	3,315.00	100%
Insurance	2,069.00	2,085.00	99%	2,085.00	99%
Kings Basin Coordination	34,479.07	70,000.00	49%	70,000.00	49%
Legal	15,951.11	60,000.00	27%	25,000.00	64%
Office Supplies	538.49	550.00	98%	550.00	98%
Professional Services					
Engineering Consultant	42,357.61	100,000.00	42%	100,000.00	42%
Security Services	140.00	1,800.00	8%	1,000.00	14%
Professional Services - Other	60,957.12	60,000.00	102%	61,000.00	100%
Total Professional Services	103,454.73	161,800.00	64%	162,000.00	64%
Project Costs	0.00	25,000.00	0%	25,000.00	0%
Public Information	52,911.44	75,000.00	71%	75,000.00	71%
Staff Expense					
Executive Officer	61,974.27	100,000.00	62%	85,000.00	73%
Supporting Staff (FID)	10,942.88	30,000.00	36%	20,000.00	55%
Total Staff Expense	72,917.15	130,000.00	56%	105,000.00	69%
Total Expense	291,694.16	532,950.00	55%	474,175.00	62%
Net Operating Income	-30,630.95	-271,636.79	11%	-213,111.79	14%
Non-Operating Income					
Interest Income	8,600.34	8,000.00	108%	8,000.00	108%
Unrealized Gain/Loss	7,665.09	8,000.00	96%	8,000.00	96%
Total Non-Operating Income	16,265.43	8,000.00	203%	8,000.00	203%
Change in Net Position	-14,365.52	-263,636.79 *	5%	-205,111.79 *	7%

*2023-2024 Budget to be funded with reserves

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NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

9. Executive Officer Report

9. a. Kings Basin Special Studies Update

9.b. SGMA Implementation Projects Update

9. c. Outreach/External Affairs

9. d. Representative Monitoring Network

9. e. Miscellaneous

9.b. SGMA Implementation Projects

- FID
- Malaga CWD
- Pinedale CWD
- City of Kerman
- Fresno State – Coordination Efforts

9c. Outreach and Education

- Social Media
- Website
- Email Distribution
- NKGSA On the Move
  - FAACT Class – FCFB
  - FID Grower Meetings – April 30-May 2
  - ACWA Panel Discussion – May 8
  - DWR SGMA Forum – May 23

9. d. Representative Monitoring Network

9.d. Representative Monitoring Network

- Short-Term
  - Work with DWR to Complete the TSS Well
  - Data Loggers and Telemetry
    - Direction to add at up to 10 monitoring wells – Cost - $20,000.00
    - Complete Well Video of 1 Remaining SMC Well

9.d. Representative Monitoring Network

- Other Improvements
- Long Term
  - Add Up to 48 New Dedicated Monitoring Wells to the Network
    - Develop 3 to 5 year plan – starting FY 2024/2025
    - Begin drilling dedicated monitoring wells in Fall 2024 – dependent upon available budget.

9.e. Miscellaneous

- Spring 2024 Water Level Measurements - Improvements
- MAGSA Aquaterra Water Bank Project – IS/MND Draft Docs and Comment Letter
- Proposed Legislation
  - AB2079 (Well Drilling)
  - AB828 (SGMA Exemptions)
- Additional Water Supply:
  - Big Dry Creek Reservoir Reoperation – Fresno County Stream Group Project
  - Friant Kern Canal Turnout Project

AGENDA

10. Directors Reports

11. Adjournment

NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

Thank you for joining us for the NKGSA JPA Regular Board Meeting.

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