

Glenn Groundwater Authority

Groundwater Sustainability Agency

PO Box 351, Willows, CA 95988 | 530.934.6501

BOARD OF DIRECTORS AGENDA BACKUP MATERIALS

MEETING DATE: FEBRUARY 11, 2019

AGENDA ITEM 1: CALL TO ORDER

The Chairperson will call the meeting to order and invite participants to introduce themselves voluntarily.

AGENDA ITEM 2: ROLL CALL

Roll call will be conducted.

AGENDA ITEM 3: APPROVAL OF MINUTES

- a. *Approval of meeting minutes from January 14, 2019.

Draft meeting minutes will be reviewed and considered for approval.

Glenn Groundwater Authority

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MEETING MINUTES

GLENN GROUNDWATER AUTHORITY BOARD OF DIRECTORS

JANUARY 14, 2018

1:30 PM

720 NORTH COLUSA STREET, WILLOWS, CA 95988

| Director Members Present: | | Agency Representing: | |
|--|-------------------|----------------------|--|
| | John Viegas | | County of Glenn |
| X | Bruce Roundy | | City of Orland |
| X | Gary Hansen | | City of Willows |
| | George Nerli | | Glide Water District |
| X | John Amaro | | Glenn-Colusa Irrigation District |
| X | Charles Schonauer | | Orland-Artois Water District |
| X | Randy Hansen | | Kanawha Water District |
| X | Gary Enos | | Princeton-Codora-Glenn Irrigation District/ Provident Irrigation District |
| Alternate Members Present: | | | |
| | Vince Minto | | County of Glenn |
| | Pete Carr | | City of Orland |
| X | Evan Markey | | City of Willows |
| X | Leslie Nerli | | Glide Water District |
| | Thaddeus Bettner | | Glenn-Colusa Irrigation District |
| | Emil Cavagnolo | | Orland-Artois Water District |
| | Wade Danley | | Kanawha Water District |
| | Lance Boyd | | Princeton-Codora-Glenn Irrigation District/ Provident Irrigation District |
| 2 nd Alternate Members Present: | | | |
| | Ed Vonasek | | City of Orland |
| X | Andrea Jones | | Orland-Artois Water District |
| | Michael Alves | | Kanawha Water District |

Others in attendance:

Lisa Hunter, GGA/Glenn County; Sharla Stockton, Glenn County; Mark Lohse, Glenn Ground Water District; Valerie Kincaid, GGA Counsel (Via phone-in); Pat Vellines, Department of Water Resources; George Pendell, Stony Creek

1. CALL TO ORDER

John Amaro called the meeting to order at 1:30 PM.

2. ROLL CALL

Roll was taken and is indicated above. Those in attendance were invited to introduce themselves.

3. APPROVAL OF MINUTES

- a. Approval of meeting minutes from September 10, 2018.
- b. Approval of special meeting minutes from November 28, 2018.

The September 10, 2018 minutes were approved as presented.

Motion: Gary Hansen, Second: Bruce Roundy, Vote: Unanimous

The November 28, 2018 minutes were approved as presented.

Motion: Gary Enos, Second: Randy Hansen, Vote: Unanimous

4. PERIOD OF PUBLIC COMMENT

Lisa Hunter mentioned Glenn County will be updating its General Plan beginning this year.

5. STAFF UPDATES

Lisa Hunter distributed a Program Manager Report and a budget to actuals financial summary. She highlighted a coordination meeting she had with the Colusa Groundwater Authority (CGA) Program Manager, which was very productive. Ms. Hunter mentioned Fair Political Practice Commission Statement of Economic Interests (Form 700s) are due April 2, 2019. A Technical Support Services application was approved for installation of a monitoring well in Arbuckle, where there is substantial subsidence in the Colusa Subbasin. The project is moving forward and will be funded through the Department of Water Resources.

6. FINANCIAL REPORT

- a. Review and accept Monthly Activities Report
- b. Review and consider approval of claims

The Monthly Activities Report and Claims Summary were included in the meeting packet. A motion was made to accept the Monthly Activities Report as presented.

Motion: Gary Hansen, Second: Leslie Nerli, Vote: Unanimous

A motion was made to approve Claims as presented.

Motion: Leslie Nerli, Second: Charles Schonauer, Vote: Unanimous

7. APPROVE 2019 GGA BOARD MEETING SCHEDULE

The draft meeting schedule proposes continuing to meet generally on the second Monday of each month at 1:30 PM. The meetings will be held at the Glenn County Department of Agriculture, 720 North Colusa Street, Willows, CA 95988. It was clarified that meetings could be cancelled as needed. The Directors reviewed the suggested meeting dates and exceptions. A motion was made to approve the meeting schedule as presented. The 2019 meeting dates are:

- | | | |
|---------------------|-------------------|---------------------|
| • January 14, 2019 | • May 13, 2019 | • September 9, 2019 |
| • February 11, 2019 | • June 10, 2019 | • October 14, 2019 |
| • March 11, 2019 | • July 8, 2019 | • November 12, 2019 |
| • April 8, 2019 | • August 12, 2019 | • December 9, 2019 |

Motion: Leslie Nerli, Second: Bruce Roundy, Vote: Unanimous

8. ANNUAL AUDIT FOR FISCAL YEAR 2017/2018

- a. Receive overview of Final Report from CliftonLarsonAllen LLP staff.
- b. Accept Final Report: *Financial Statements and Supplementary Information for Year ended June 30, 2018* provided by CliftonLarsonAllen LLP.

A hard copy of the final report was provided to each Director to deliver to each member agency. Paul Phangureh, CliftonLarsonAllen LLP (CLA), joined the meeting by phone. Mr. Phangureh provided an overview of the *Financial Statements and Supplementary Information for Year ended June 30, 2018* Report. Mr. Phangureh reviewed cash balance, liabilities, revenues, statement of activities, and notes to the statements. He also added the "management discussion and analysis" portion of the report was omitted in this year's report because, being the first year, there is not any information for comparison, but will be included in the future reports when there are numbers to compare financials.

There was a motion to accept the final report provided by CliftonLarsonAllen LLP.

Motion: Gary Enos, Second: Bruce Roundy, Vote: Unanimous

9. LONG-TERM FUNDING

- a. Receive update on long-term funding discussions.
- b. Provide additional direction to Program Manager, Legal Counsel, and/or Executive Committee as needed.

At previous meetings, the Board approved selecting Provost & Pritchard to assist in the Proposition 218 process. The Board also approved including a "not to exceed clause" and a schedule in the contract for services with Provost & Pritchard, which was not in the original proposal. Lisa Hunter worked with legal counsel and Provost & Pritchard staff to include the appropriate language in the contract. The contract process is nearly complete. Additionally, Provost & Pritchard staff requested the GGA consider giving them permission to share the GGAs progress with the CGA and will ensure maximum alignment for the processes. No objections were heard.

Ms. Hunter reported she coordinated with the County's Department of Finance, Auditors Office to determine schedule and process to include the fee in the County's processes. August 10, 2019 is the deadline to provide the necessary information to include the fee in this year's tax rolls. The proposed schedule provided by Provost & Pritchard is a slightly longer timeline. Ms. Hunter will coordinate with Provost & Pritchard staff to determine if it is reasonable for the schedule to be condensed in order to coincide with the Auditors Office deadlines.

It was mentioned the CGA public meeting will be held January 31, 2019 at the Colusa Indian Community Center in the evening. A series of public meetings will be scheduled in the near future, separate from their Proposition 218 process. Dates and times are yet to be determined.

Valerie Kincaid clarified that if the August 10 deadline is not met the GGA can send out their own bill. If the GGA chooses not to do that, or if the GGA does send a bill and people do not pay the bill, the assessor could

be notified and it can be added to tax bill the next time the bills are sent. More options will be discussed as needed once the contract has been signed and the schedule has been finalized.

10. HCM/WATER BUDGET PROJECT

- a. Receive update on HCM/Water Budget Project.
- b. Provide direction as needed.

Ms. Hunter stated there is very little to report since the previous update. Davids Engineering is also working on an evaluation being conducted in Butte County, which will also help in the Colusa Subbasin GSP development process. The consultants are leaning towards using C2VSim for the GSP development process. The consulting team was able to provide updated information on land use and water diversions to the Department of Water Resources for the update and calibration of C2VSim. The consulting team, CGA staff, and GGA staff are continuing regular phone meetings. The consulting team is also coordinating the water budget work being conducted in Yolo County to ensure consistency across boundaries and within RD 108 in the CGA portion of the basin. The CGA is working with the Environmental Defense Fund on the Open ET project, which should help with evapotranspiration calibration numbers, which are a component in hydrogeologic conceptual models.

11. CONSIDER RECOMMENDATION FROM GGA TECHNICAL AD HOC COMMITTEE ON COMPOSITION AND SELECTION PROCESS FOR THE STANDING TECHNICAL ADVISORY COMMITTEE

John Amaro reviewed the information included in the agenda packet. The Technical Advisory Committee would be a standing committee subject to the Brown Act. Lisa Hunter mentioned, as an example, the Technical Advisory Committee would be responsible for coordinating with consultants on modeling components. The current ad hoc committee members are Michael Alves, Emil Cavagnolo, and John Viegas.

Ms. Nerli stated the committee recommended having five members with a technical background on the standing committee and the members do not necessarily have to be GGA Board members. There was some discussion on potential members. Gary Enos stated he would like to see the selection process incorporate including representation of a diversity of geographic areas and user type, for instance, groundwater users, surface water users, a city representative or a CalWater representative. Mr. Enos also suggested having the Executive Committee review nominations and providing a recommendation to the Board for selection. It was discussed that there is no application process and each member agency can provide nominations. Gary Hansen added if the item is agendaized for the next Board meeting, nominations could be reviewed, and the Board would have the flexibility to make selections or request the Executive Committee to review. It was clarified the nomination would be an individual, not an agency.

A motion was made to accept the Technical Ad Hoc Committee's recommendation with the addition of adding that members will represent diverse geographic areas and types of groundwater users.

Ms. Hunter requested clarification on the motion and noted the Board would hold itself responsible to ensure representation of diverse geographic areas and user types rather than noting criteria in the selection process.

Motion: Gary Enos, Second: Bruce Roundy, Vote: Unanimous

12. COMMITTEE UPDATES

- a. Executive Committee
 - i. CGA/GGA Joint Executive Committee

The GGA Executive Committee met December 26, 2018. Highlighted topics included the long-term funding process and steps to move the process forward more rapidly.

- b. GGA/CGA Technical Ad Hoc Committee
 - i. CGA/GGA Technical Ad Hoc Committee

The GGA Technical Ad Hoc Committee met November 14, 2018 to develop a recommendation to the Board on the composition of a Standing Technical Advisory Committee. The Committee's recommendation was reviewed under Item 11.

- c. Stakeholder Engagement Committee

The Stakeholder Engagement Committee met December 6, 2018. John Amaro and Lisa Hunter reviewed the draft Stakeholder Communication and Engagement Plan provided by the facilitation team and provided comments back to the team. Next steps include a meeting with the facilitation team, CGA staff, and Ms. Hunter to review and further develop the plan. The contract (between the facilitation team and DWR) for this project was extended through March, so the plan will need to be finalized by the end of March.

Andrea Jones asked if there was a CGA Committee to coordinate with on stakeholder engagement. Ms. Hunter stated she would forward the CGA meeting dates and encouraged GGA members to attend if interested.

13. MEMBER REPORTS AND COMMENTS

None

14. NEXT MEETING

The next meeting is scheduled for February 11, 2019 at 1:30 PM.

15. ADJOURN

The meeting was adjourned 2:41 PM.

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AGENDA ITEM 4: PERIOD OF PUBLIC COMMENT

Members of the public are encouraged to address the GGA Board of Directors. Public comment will be limited to items on the agenda.

AGENDA ITEM 5: STAFF UPDATES

The program manager will provide a brief status updates. Reminders and/or clarifications may also be made at this time.

AGENDA ITEM 6: FINANCIAL REPORT

- a. *Review and accept Monthly Activities Report.
- b. *Review and consider approval of claims.

Monthly Activities Report is attached. There are no claims to consider.

Glenn Groundwater Authority
Monthly Activities Report
December 2018

| Description | | Amount |
|-------------------|---|---------------|
| Beginning Balance | | \$ 482,265.57 |
| Revenue | | |
| | INTEREST 12/18 | \$ 1,952.01 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Total Revenue | | \$ 1,952.01 |
| Expenses | | |
| | O'Laughlin & LLP Inv # 8830 | \$ 5,510.00 |
| | Davids Engineering Inv 1178.01-3209 | \$ 3,570.75 |
| | Davids Engineering Inv 1178.01-3237 | \$ 6,929.75 |
| | O'Laughlin & LLP Inv # 8862 | \$ 3,675.00 |
| | CliftonLarsonAllen Inv #1943042 (Audit for FY17-18) | \$ 2,850.00 |
| | | |
| | | |
| | | |
| Total Expenses | | \$ 22,535.50 |
| Ending Balance | | \$ 461,682.08 |

Glenn Groundwater Authority
Monthly Activities Report
January 2019 DRAFT

| | Description | Amount |
|-------------------|--|---------------|
| Beginning Balance | | \$ 461,682.08 |
| Revenue | | |
| | CITY OF ORLAND- 3RD QUARTER PAYMENT | \$ 4,550.75 |
| | CITY OF WILLOWS- 3RD QUARTER PAYMENT | \$ 4,124.00 |
| | GLENN-COLUSA IRRIGATION DISTRICT- 3RD QUARTER PAYMENT | \$ 19,292.25 |
| | GLIDE WATER DISTRICT- 3RD QUARTER PAYMENT | \$ 4,973.00 |
| | KANAWHA WATER DISTRICT- 3RD QUARTER PAYMENT | \$ 6,339.00 |
| | ORLAND-ARTOIS WATER DISTRICT- 3RD QUARTER PAYMENT | \$ 10,096.25 |
| | PRINCETON-CODORA-GLENN IRRIGATION DISTRICT/PROVIDENT IRRIGATION DISTRICT- 3RD QUARTER PAYMENT | \$ 7,964.00 |
| | COUNTY OF GLENN- 3RD QUARTER PAYMENT | \$ 39,298.00 |
| Total Revenue | | \$ 96,637.25 |
| Expenses | | |
| | Davids Engineering Inv 1178.01-3258 | \$ 1,195.75 |
| | O'Laughlin & LLP Inv # 8895 | \$ 2,205.00 |
| | CliftonLarsonAllen Inv #1985731 (Audit for FY17-18) | \$ 6,650.00 |
| | WATER RESOURCE HRS REIMBURS INV 19-WR-01 | \$ 30,775.30 |
| | Davids Engineering Inv 1178.01-3324 | \$ 222.75 |
| | | |
| | | |
| Total Expenses | | \$ 41,048.80 |
| Ending Balance | | \$ 517,270.53 |

Glenn Groundwater Authority
Monthly Activities Report
February 2019 DRAFT

| Description | | Amount |
|-------------------|-------------------------------------|---------------|
| Beginning Balance | | \$ 517,270.53 |
| Revenue | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Total Revenue | | \$ - |
| Expenses | | |
| | O'Laughlin & LLP Inv # 8924 | \$ 800.00 |
| | Davids Engineering Inv 1178.01-3347 | \$ 775.00 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Total Expenses | | \$ 1,575.00 |
| Ending Balance | | \$ 515,695.53 |

Glenn Groundwater Authority Budget

FY 2018/2019 FINAL APPROVED

Actuals through January 31, 2019- DRAFT

| | FY 2018/2019 | | | | Projected |
|---------------------|---------------------|--------------------------------|---------------------|-----------------------|--------------------|
| | Current Approved | Actual through 2019Jan31 | Remaining Budget | % Budget Remaining | Year End Totals |
| Balance (Carryover) | \$ 273,902.55 | \$ 326,864.81 | (52,962) | -19% | - |

REVENUES

Grant Revenue

| | | | | | |
|--|-------------|-------------|-------------|--|-------------|
| State Funding- Prop 1 Grant, Colusa Subbasin GSP | | | | | |
| Development- Administered by Colusa County | \$ - | \$ - | \$ - | | \$ - |
| Other | \$ - | \$ - | \$ - | | \$ - |
| Total Grants | \$ - | \$ - | \$ - | | \$ - |

Agency Contributions

| | | | | | |
|---|--------------|--------------|--------------|------|------|
| Agency Contributions, Fixed Fee | | | | | |
| City of Orland | \$ 10,000.00 | \$ 10,000.00 | \$ - | 0% | |
| City of Willows | \$ 10,000.00 | \$ 10,000.00 | \$ - | 0% | |
| County of Glenn | \$ 10,000.00 | \$ 10,000.00 | \$ - | 0% | |
| Glenn-Colusa Irrigation District | \$ 10,000.00 | \$ 10,000.00 | \$ - | 0% | |
| Glide Water District | \$ 10,000.00 | \$ 10,000.00 | \$ - | 0% | |
| Kanawha Water District | \$ 10,000.00 | \$ 10,000.00 | \$ - | 0% | |
| Orland-Artois Water District | \$ 10,000.00 | \$ 10,000.00 | \$ - | 0% | |
| Princeton-Codora-Glenn/Provident Irrigation | \$ 10,000.00 | \$ 10,000.00 | \$ - | 0% | |
| Glenn Groundwater District | \$ 10,000.00 | \$ - | \$ 10,000.00 | 100% | \$ - |

Agency Contributions (Remaining costs divided by weighted factor FY17/18=\$1.08 FY 18/19=\$1.05)

| | | | | | |
|---|----------------------|----------------------|----------------------|------------|-------------|
| City of Orland | \$ 8,203.00 | \$ 3,652.25 | \$ 4,550.75 | 55% | |
| City of Willows | \$ 6,496.00 | \$ 2,372.00 | \$ 4,124.00 | 63% | |
| County of Glenn | \$ 117,923.00 | \$ 107,894.00 | \$ 10,029.00 | 9% | |
| Glenn-Colusa Irrigation District | \$ 67,169.00 | \$ 47,876.75 | \$ 19,292.25 | 29% | |
| Glide Water District | \$ 9,892.00 | \$ 4,919.00 | \$ 4,973.00 | 50% | |
| Kanawha Water District | \$ 15,356.00 | \$ 9,017.00 | \$ 6,339.00 | 41% | |
| Orland-Artois Water District | \$ 30,385.00 | \$ 20,288.75 | \$ 10,096.25 | 33% | |
| Princeton-Codora-Glenn/Provident Irrigation | \$ 21,856.00 | \$ 13,892.00 | \$ 7,964.00 | 36% | |
| Glenn Groundwater District* | \$ 29,269.00 | \$ - | \$ 29,269.00 | 100% | |
| Other | | | \$ - | | \$ - |
| Total Acres/Population | | | | | |
| Total Agency Contributions | \$ 396,549.00 | \$ 289,911.75 | \$ 106,637.25 | 27% | \$ - |

Assessments

| | | | | | |
|--------------------------|-------------|-------------|-------------|--|-------------|
| Per Acre Land Assessment | \$ - | \$ - | \$ - | | \$ - |
| Well Head Fee | \$ - | \$ - | \$ - | | \$ - |
| Extraction Fee | \$ - | \$ - | \$ - | | \$ - |
| Other | \$ - | \$ - | \$ - | | \$ - |
| Total Assessments | \$ - | \$ - | \$ - | | \$ - |

Other

| | | | | | |
|--------------------|------------------|--------------------|----------------------|--------------|-------------|
| Interest | \$ 600.00 | \$ 2,611.58 | \$ (2,011.58) | -335% | |
| Total Other | \$ 600.00 | \$ 2,611.58 | \$ (2,011.58) | -335% | \$ - |

TOTAL REVENUES

| | | | | |
|----------------------|----------------------|----------------------|------------|-------------|
| \$ 397,149.00 | \$ 292,523.33 | \$ 104,625.67 | 26% | \$ - |
|----------------------|----------------------|----------------------|------------|-------------|

EXPENSES

| | | | | | |
|---|---------------|--------------|---------------|-----|------|
| Administration- Contracted County Services | \$ 150,000.00 | \$ 45,954.11 | \$ 104,045.89 | 69% | |
| Program Administration Support | \$ - | \$ - | \$ - | | \$ - |
| Legal Services | \$ 70,000.00 | \$ 31,805.00 | \$ 38,195.00 | 55% | |
| Certified Public Accountant (Yearly Audits) | \$ 12,000.00 | \$ 9,500.00 | \$ 2,500.00 | 21% | |

| | Current Approved | Actual through 2019Jan31 | Remaining Budget | % Budget Remaining | Projected Year End Totals |
|-----------------------------|----------------------|--------------------------------|-----------------------|-----------------------|---------------------------------|
| JPA Insurance | \$ 1,800.00 | \$ 1,800.00 | \$ - | 0% | |
| County Bookkeeper | \$ - | \$ - | \$ - | | \$ - |
| GSP Development/Projects | \$ 80,000.00 | \$ 13,058.50 | \$ 66,941.50 | 84% | |
| Long Term Funding Options | \$ 80,000.00 | \$ - | \$ 80,000.00 | 100% | \$ - |
| Professional Services | \$ 15,000.00 | \$ - | \$ 15,000.00 | 100% | |
| Board Expenses | \$ 2,000.00 | \$ - | \$ 2,000.00 | 100% | |
| Special Department Expenses | \$ 25,000.00 | \$ - | \$ 25,000.00 | 100% | \$ - |
| TOTAL EXPENSES | \$ 435,800.00 | \$ 102,117.61 | \$ 333,682.39 | 77% | \$ - |
| ESTIMATED CARRYOVER | \$ 235,251.55 | \$ 517,270.53 | \$(282,018.98) | -120% | \$ - |

Notes:

*County will be responsible for the weighted fee until the Glenn Ground Water District is formally a GGA member
 Incorporated Cities populations derived from State Department of Finance 1/1/17 population- Downloaded 5/26/17
<http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-1/>
 Long Term Funding options includes investigation of options including Prop 218 and implementing selected option
 County Bookkeeper is included in Administration- Contracted County Services line item

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AGENDA ITEM 7: PRESENTATION ON DATA MANAGEMENT SYSTEM BY I•GIS

GeoSuite by I•GIS is a Danish IT company providing software solutions including a web based Data Management System software package (GeoSuite) and a 3D geological modelling package (GeoScene3D). I•GIS provided a quote to Glenn County encompassing the GeoSuite software, setup, licensing, and support. Excerpts from the quote are included for reference below. I•GIS staff will provide a live demo with local data.

Background

I•GIS is an innovative geo-environmental focused Danish IT company that provides private and public organizations with high quality services and software solutions. This includes the web based relational Database Management System (DMS) software package named GeoSuite and the 3D geological modelling package GeoScene3D for Hydrogeologic conceptual model (HCM) construction.

As highly specialized experts in GIS, IT and Geoscience, we employ approximately 50% geoscientists and 50% developers and are an experienced partner for both R&D partnerships and product development projects.

Terms of reference

California has embarked on a historic journey to achieve groundwater sustainability with the passage of the Sustainable Groundwater Management Act (SGMA) by the California Legislature in 2014. Local agencies are vested with the responsibility for achieving sustainability, with the first step for each agency being the preparation of a groundwater sustainability plan (GSP). A specific legislative requirement is the development of a hydrogeologic conceptual model (GSP Regulation §354.14). The “conceptual model” required by SGMA is a 3D hydrostratigraphic model capturing the spatial heterogeneity of the subsurface needed as the input for flow modeling.

The same challenges facing California today were faced by Denmark in the early 1990s when groundwater legislation was passed that required all municipalities to characterize and manage the groundwater systems. In Denmark this journey has now come to an end.

Since 2008 I•GIS has been a stable supplier of software solutions for the national Danish groundwater mapping campaign and is currently being implemented by the USGS, Swedish Geological Survey (SGU), and Nebraska Geological Survey (NGS). Furthermore, three GSAs; Butte County, Indian Wells Water District and San Luis Obispo respectively, are implementing the GeoSuite DMS and utilize GeoScene3D as part of the Stanford Groundwater Architectural Project (GAP).

MOU

I•GIS is a member of the Danish Water Technology Alliance (WTA) which is a strategic collaboration that involves Denmark sharing knowledge with the US – knowledge gained through decades of experience within the areas of water and wastewater treatment technology, energy management, torrential rainstorm operations and related issues.

In September 2017 the State of California and Denmark signed a memorandum of understanding (MOU) on water to promote increasing knowledge sharing and collaboration on areas of mutual interest.

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General experience

GeoSuite is a web based relational Database Management System (DMS) developed by I•GIS designed specifically for sustainable groundwater management in California and aim to be SGMA compliant. Based on more than 20 years' experience in groundwater mapping, I•GIS has been the default geological software provider by the Danish EPA, groundwater authorities, and consultants for years.

Specific experience

I•GIS' software is currently being implemented by the USGS, Swedish Geological Survey, and Nebraska Geological Survey. Customizable for individual needs our software are currently implemented by three GSAs in the Stanford Groundwater Architectural Project (GAP). These are; Butte County, Indian Wells Water District, and San Luis Obispo respectively. Furthermore, our Data management system is being used by several municipalities and Danish Regional authorities (Counties).

AGENDA ITEM 8: LONG-TERM FUNDING

- a. Receive update on long-term funding process and kick off meeting.
- b. * Review policy questions and provide guidance as necessary.
- c. *Review schedule and update on county tax roll deadlines; provide direction on schedule and potential tax roll contingencies.
- d. *Consider creating a Funding Ad Hoc Committee and authorize the committee to provide guidance to the consulting team including policy decisions, outreach materials, coordination efforts, and draft budget development; OR
* Consider assigning the above duties to an existing standing committee (Executive Committee, Stakeholder Engagement Committee).
- e. Provide additional direction to Program Manager, Legal Counsel, and/or Committees as needed.

The following are attached:

- Long-Term Funding Report
- Policy Questions
- Proposed Schedule

Long-Term Funding Report- February 11, 2019

The GGA and Provost & Pritchard finalized the contracting process for Provost & Pritchard to provide services to assist with Proposition 218/Majority Protest Process on January 25, 2019.

A project kickoff meeting was held January 30, 2019. Attendees included Linda Sloan, Mike Day, Mallory Serrao, Dave Ceppos, Valerie Kincaid, Leslie Nerli, Lisa Hunter, and Sharla Stockton. A variety of topics were discussed including schedule, deadlines, and processes. The group distilled several areas in which policy guidance from the Board is necessary. These items are outlined in the meeting agenda and packet.

Policy Issues:

See policy questions attachment.

Schedule:

The tax roll deadline is August 10, 2019 in order to be placed on the September/October tax roll. The County provided sample forms, instructions, and file format requirements. Additionally, the County indicated the annual secured tax bill is mailed annually, due in 2 installments (December, April). The County indicated they only review/revise the tax roll once a year (see August deadline above) and it does not generally review mid-year.

A draft proposed schedule was included in the proposal for services. In order to meet the County's deadlines, a revised schedule is being developed by Provost & Pritchard for the Board's consideration. Whether we are able to meet the revised schedule is heavily dependent on the responsiveness of the agencies that are being requested to provide information (i.e. most recent tax role ownership, GIS files). The Board should discuss which schedule should be used moving forward.

Potential GGA Billing:

If the 218 process succeeds, the GGA will have the authority to send out bills directly to landowners in its service area. This may be required for parcels that are not included in the County tax rolls. The County also noted that exempt parcels, or those owned by government agencies, typically do not appear on the roll that is received from the Assessor's Office, and therefore, Finance Department is not able to generate a tax bill for those parcels. If the Authority wishes to collect fees from these parcels, it would need to bill those parcels separately.

Additionally, the Board should consider direct billing options if proposed fee is not included in this year's tax roll.

Fee Study/Budget:

In order to generate the fee study, an estimated five-year budget must be developed.

It may be helpful to designate a Funding Ad Hoc Committee or delegate this work to an existing committee to guide the consulting team, to develop the estimated five-year budget, and generally keep the project on track. If a Funding Ad Hoc Committee is designated, Staff recommends that members include a city representative, a county representative, and a water/irrigation district representative.

City Inclusion/Exclusion from 218:

The Authority will need to provide guidance as to whether landowners in the Cities will be included in the 218 process or whether the City will pay the fee on behalf of its landowners out of their existing budgets and exempt the small city parcels from the 218 process. Preliminary information suggests:

- Approximately 300,000 acres in the GGA
 - 11,000 parcels
 - 7,400 landowners
- Approximately 295,000 acres in the GGA excluding Willows and Orland
 - 6,000 parcels
 - 3,700 landowners

Policy Questions for Glenn Groundwater Authority

1. Should the basic rate structure be a flat rate per acre (to recoup GSP costs) and/or rate proportional to estimated groundwater pumping per acre (possibly to recoup initial GSP implementation costs)?
2. Exclude minimum parcel size?
3. Cities cover lands in flat per acre fee?
4. Border policy (example: 50% in=in, any part of parcel in=in, prorate for acres actually within the GGA boundary)
5. Will the fee include any project costs?
6. Government Owned Parcels: are they exempt? Consider specific examples such as wildlife refuges, city-owned parcels, colleges, schools, parks, wastewater treatment plants and effluent disposal areas, parcels that wouldn't use groundwater.
7. Native American Lands: Are they exempt? If not, is there a need to differentiate groundwater use on them?
8. Should an indexed inflation factor be applied? If yes, should GSA board have discretion each year on whether or not to apply it?

GGA Prop 218 – Majority Protest Proposed Schedule

| Completed By | Scope of Work |
|--------------------|--|
| January 31, 2019 | Execute contract, project kickoff meeting |
| February 28, 2019 | Gather initial data and review, develop mailing list, prepare for initial public information meeting |
| March 31, 2019 | Mail notices for information meeting, conduct information meeting, develop assessment structure and preliminary rates, key findings and figures for Fee Study. |
| April 30, 2019 | Review fee study findings with GSA, make findings public at a GSA Board meeting |
| May 31, 2019 | Complete Fee Study, assessment roll and protest packages |
| June 30, 2019 | Mail protest packages, prepare for and conduct official public hearing |
| August 31, 2019 | Certify protest results, provide final roll to County agencies |
| September 30, 2019 | County Board of Supervisors approve roll |

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Engineering • Surveying • Planning • Environmental • GIS • Construction Services • Hydrogeology • Consulting
Fresno • Bakersfield • Visalia • Clovis • Modesto • Los Banos • Chico • Merced • Sacramento

GGA Prop 218 – Majority Protest Tentative Schedule

| Completed By | Scope of Work |
|-------------------------------------|---|
| January 31, 2019 Complete | Execute contract, project kickoff meeting |
| February 28, 2019 | Gather initial data and review, develop mailing list, prepare for initial public information meeting |
| March 1, 2019 | Mail notices for information meeting |
| March 15, 2019 | Conduct information meeting, develop assessment structure and preliminary rates, key findings and figures for Fee Study |
| April 1, 2019 | Review fee study findings with GSA, make findings public at a GSA Board meeting |
| May 1, 2019 | Complete Fee Study, assessment roll and prepare protest packages |
| May 15, 2019 | Mail protest packages, prepare for official public hearing |
| July 1, 2019 | Conduct official public hearing |
| August 10, 2019 | Certify protest results, provide final roll to County Finance Dept |
| September 3, 2019 | County Board of Supervisors approve roll |
| Sept/Oct 2019 | Tax bills sent out |

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Glenn Groundwater Authority

Groundwater Sustainability Agency

PO Box 351, Willows, CA 95988 | 530.934.6501

AGENDA ITEM 9: GLENN GROUND WATER DISTRICT UPDATE

- a. Receive an update on Glenn Ground Water District
- b. Provide direction as needed.

Receive an update on the Glenn Ground Water District activities.

AGENDA ITEM 10: SELECTION OF STANDING TECHNICAL ADVISORY COMMITTEE MEMBERS

- a. Review Technical Advisory Committee nominations received from member agencies.
- b. *Consider selection of Technical Advisory Committee members; OR
*Direct the Executive Committee to review nominations received and provide recommendation to the Board on selection of Technical Advisory Committee members.

The Board authorized the formation of the Technical Advisory Committee (TAC) on April 19, 2018. Upon hearing a recommendation from the GGA Technical Ad Hoc Committee, the Board approved the selection process and desired composition of the TAC at the January 14, 2019 meeting. The Board decided there would be five TAC members and emphasized the desire for the TAC members have a technical background and to be familiar with the area. There is also a desire for the TAC members to represent diverse geographic areas and types of groundwater users. Nominations are made by member agencies and appointments are made by the Board. The Board has the flexibility to request the Executive Committee review the nominations and bring a recommendation to the Board.

Nominations received include the following:

| Nominee | Title, Entity | Nominating Member |
|----------------|---|----------------------------------|
| David Kehn | Superintendent, Cal Water (Chico District) | City of Willows/CalWater |
| Michael Alves | General Manager, Glide Water District | Glide Water District |
| Emil Cavagnolo | General Manager, Orland-Artois Water District | Orland-Artois Water District |
| Mark Lohse | Glenn Ground Water District | Orland-Artois Water District |
| Thad Bettner | General Manager, Glenn-Colusa Irrigation District | Glenn-Colusa Irrigation District |
| Zac Dickens | Engineer, Glenn-Colusa Irrigation District | Glenn-Colusa Irrigation District |
| Ron Stilwell | North State Drilling | Glenn County |

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Technical Advisory Committee Composition and Selection Process

- Five members
 - Technical background that knows and works in the area.
 - Members would likely be member agency managers and/or member agency technical staff
 - Members will represent diverse geographic areas and types of groundwater users
- Selection process
 - Recommendations/nominations by member agencies
 - **Appointment** by GGA Board
 - The GGA Board **can** request the Executive Committee to review nominations and bring a recommendation to the Board if desired
 - The Board or Executive Committee **can** request additional information from applicants if desired

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Groundwater Sustainability Agency

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AGENDA ITEM 11: COMMITTEE UPDATES

a. Executive Committee

i. CGA/GGA Joint Executive Committee

The GGA Executive Committee has not met and has nothing to report. The next meeting is scheduled for February 27, 2019.

The CGA/GGA Joint Executive Committee has not met and has nothing further to report. It is anticipated the committees will meet in February or March 2019.

b. GGA/CGA Technical Ad Hoc Committee

i. CGA/GGA Technical Ad Hoc Committee

The GGA Technical Ad Hoc Committee has not met and has nothing to report.

The CGA/GGA Technical Ad Hoc Committee has not met and has nothing further to report.

c. Stakeholder Engagement Committee

The Stakeholder Engagement Committee has not met and has nothing to report. It is anticipated this committee will meet in February or March to review the draft Stakeholder Communication and Engagement Plan and potentially advise the long-term funding communications.

AGENDA ITEM 12: *CONSIDER DISSOVLING THE GGA TECHNICAL AD HOC COMMITTEE

The GGA Technical Ad Hoc Committee fulfilled its purpose to coordinate with the Colusa Groundwater Authority in the process of engaging a consultant in the Hydrogeologic Conceptual Model/Water Budget Project and develop a recommendation to the Board regarding the composition and selection process of a standing TAC. The TAC nominations are being considered under Item 10. It is expected that future technical work will be the responsibility of the TAC.

AGENDA ITEM 13: MEMBER REPORTS AND COMMENTS

Members of the GGA Board are encouraged to share information, reports, comments, and suggest future agenda items. Action cannot be taken on items brought up under this item.

AGENDA ITEM 14: NEXT MEETING

The next meeting is scheduled for March 11, 2019 at 1:30 PM.

AGENDA ITEM 15: ADJOURN