Vandalia
WATER DISTRICT

MEMORANDUM

To: Vandalia Water District Board Members
Members of the Public

From: Cinthia Canales
Administrative Assistant

Date: September 4, 2026

Re: September Board Packet

Enclosed is this month's Board Packet, which includes:

- September GSA & District Meeting Agenda
- GSA Draft & Regular Special Meeting Minutes – August 19, 2026
- July ET Consumption Report
- Land IQ Client Service Agreements
- Filling of Vacant Board Position by Appointment
- List of Officers and Appointments
- Water Delivery Report

Notice of ADA Compliance: The District is committed to making its meetings accessible to all citizens. In accordance with the Americans with Disabilities Act ("ADA"), if any person(s) requires special accommodations to participate, they should contact the District's secretary at 559-686-4716, preferably at least 48 hours in advance of the meeting.

Vandalia
Water District and Groundwater Sustainability Agency

Vandalia Water District and
Vandalia WD Groundwater Sustainability Agency
Board of Directors – Meeting Agenda
September 9, 2026
Location: 105 W Teapot Dome Ave, Porterville, CA 93257
Time: 10:30 a.m.

Sitting as the Vandalia Water District Board of Directors and, where indicated, as the Governing Body of the Vandalia WD Groundwater Sustainability Agency

1. Call to Order.

2. Public Comment, Agenda and Minutes Approval.
   a) Public Comment – During this item, members of the public will be afforded an opportunity to address the Board on any matter within the jurisdiction of the District at the beginning of the session or before the Board's consideration of an agenda item regarding that item. Comments are limited to 3 minutes per person, unless otherwise indicated by the Board President, with a maximum of 30 minutes for public comments overall. Cal. Gov. Code § 54954.3.
   b) Agenda Approval (GSA and District Combined) – Action Item
   c) Minutes of August 19, GSA and District Combined Special Minutes – Action Item - *Attachment*

Vandalia WD Groundwater Sustainability Agency Open Session Items

3. Sustainable Groundwater Management Act.
   a. Updates
      i. July ET Consumption – Groundwater Use Summary Report - *Attachment*
   b. Other
      i. Tule Subbasin Coordination – Update
      ii. Land IQ Client Service Agreements

Vandalia Water District Open Session Items

4. General Administration
   a. Filling of Vacant Board Position by Appointment – Action Item - *Attachment*
   b. List of Officers and Appointments (Appointment of Vice-President, Tule Basin Water Coalition, IRWMP, and TRA) – Action Item - *Attachment*

5. Financial Statement / Bills
   a. Treasurer's Report & Bills to approve – Action Item – *Attachment*

6. Water Operations
   a. Water delivery report – *Attachment*

7. District Operations and Maintenance
    a. Operations and Maintenance Report – *Attachment*
    b. Solar Project Update -
    c. Long-Term Capital Project List - *Attachment*

8. Tule River Association
    a. Update

Adjourn to Closed Session sitting as the Vandalia WD GSA Governing Body

9. District Closed Session
    a. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION - Significant exposure to litigation pursuant to § 54956.9(b): (one potential matters)

    b. Legal – Pending Litigation
        i. CONFERENCE WITH LEGAL COUNSEL – PENDING LITIGATION in accordance with Government Code Section 54956.9(b): (one case)

Adjourn to Open Session

10. Report from Closed Session (if any)

11. Next Regular Meeting: October 14, 2026, at 10:30 a.m.
    105 W Teapot Dome Ave, Porterville, CA 93257

12. Adjournment.

**Agenda posted for public information on September 4, 2026, pursuant to Cal. Gov. Code 54954.2(a), in front of the District's office at 2032 S. Hillcrest St, Porterville, CA 93257, and at 105 W Teapot Dome Ave, Porterville, CA 93257, and on the District's website at www.ltrid.org.

Meetings Hearings and Notices

A person with a qualifying disability under the Americans with Disabilities Act of 1990 may request the District to provide a disability-related modification or accommodation in order to participate in any public meeting of the District. Such assistance includes appropriate alternative formats for the agendas and agenda packets used for any public meetings of the District. Requests for such assistance and for agendas and agenda packets shall be made in person, by telephone, facsimile, or written correspondence at the office of Vandalia Water District, at least 48 hours before a public Authority meeting.

Vandalia
Water District and Groundwater Sustainability Agency

Vandalia Water District and
Vandalia WD Groundwater Sustainability Agency
Board of Directors – Special Meeting Minutes
August 19, 2026
Location: 105 W Teapot Dome Ave, Porterville, CA 93257
Time: 10:30 a.m.

Sitting as the Vandalia Water District Board of Directors and, where indicated, as the Governing Body of the Vandalia WD Groundwater Sustainability Agency

1. Call to Order. The meeting was called to order at 10:30 a.m. by President Meier.
   Board of Directors:

   Director Steve Meier

   Director Jim Zimmerman

   Director Dyson Schneider

   Director Mike Bennett

   Director Roger Everett

   District Staff:

   Alex Peltzer, General Manager

   John Michael Domondon, Operations Manager

   Travis Millwee, Resources Manager (Video Conference)

   Mark Greenall, Controller

   Kirk Masters, Water Superintendent

   Jack Lopez, Field Superintendent

   Cinthia Canales, Administrative Assistant / Board Clerk

   Public:

   None

2. Public Comment, Agenda and Minutes Approval.
   a) Public Comment – During this item, members of the public will be afforded an opportunity to address the Board on any matter within the jurisdiction of the District at the beginning of the session or before the Board's consideration of an agenda item regarding that item. Comments are limited to 3 minutes per person, unless otherwise indicated by the Board President, with a maximum of 30 minutes for public comments overall. Cal. Gov. Code § 54954.3.

      None
   b) Agenda Approval (GSA and District Combined) – Action Item

On a motion by Director Bennett, seconded by Director Zimmerman and unanimously approved, the combined GSA and District agenda was approved as presented.

c) Minutes of July 8, GSA and Regular Minutes – Action Item – *Attachment*
On motion by Director Everrett, seconded by Director Bennett and unanimously approved, Minutes of July 8, 2026, GSA and District combined meeting minutes were approved as presented.

Vandalia WD Groundwater Sustainability Agency Open Session Items

3. Sustainable Groundwater Management Act.
    a. Updates
        i. June ET Consumption – Groundwater Use Summary Report – *Attachment*
        Operations Manager Domondon presented a report showing the May 2026 ET consumption and surface water deliveries.
    b. Other
        i. Tule Subbasin Coordination – Update
        General Manager Peltzer gave an update on the ongoing effort to unify a single GSP approach across the Tule Subbasin.

Vandalia Water District Open Session Items

4. General Administration
    a. Board Vacancy – *Attachment*
    Operations Manager Domondon reviewed the board vacancy. No action was taken
    b. FEMA 2023 Application - Resolution 2026-8-1: Cal OES Setting Authorized Representative – Action Item - *Attachment*

Controller Greenall reviewed the FEMA 2023 Application - Resolution for Cal OES
After Discussion Director Bennett offered the following motion:

"I move to adopt Resolution No. 2026-8-1, that the Board of Directors of the Pixley Irrigation District authorize Mark Greenall, John Michael Domondon, and Tyler Mendes as authorized representatives and contacts for the State of California Governor's Office of Emergency Services (Cal OES) and authorize staff to submit any required documentation to Cal OES reflecting these designations."

The motion was seconded by Director Everett and adopted by unanimous vote.

5. Financial Statement / Bills
    a. Treasurer's Report & Bills to approve – Action Item – *Attachment*
    Controller Greenall provided the July Treasurer's Report. Following Staff presentation Director Everrett offered the following motion:

"I move to approve the Treasurer's Report and ratify the Bills Paid for July 2026, as presented."

The motion was seconded by Director Bennett and unanimously approved; the Treasurer's Reports and Bills were placed on file.

b. Bank Signatory – Action Item – *Attachment*

Controller Greenall presented the Bank Signatory – removal of Dyson Schneider after discussion Director Everett offered the following motion:
"I move that the Board authorize and direct the removal of Dyson Schneider as an authorized signatory for tall District bank accounts and appoints Mike Bennett as an additional authorized signatory for all District bank accounts"
The motion was seconded by Director Bennett and unanimously approved.

6. Water Operations
   a. Water delivery report – *Attachment*
   Operations Manager Domondon presented the July Water Delivery Report. No action was taken.
7. District Operations and Maintenance
   a. Operations and Maintenance Report – *Attachment*
   Water Superintendent Masters gave an update on the maintenance report. No action was taken.
   b. Schedule of Water Orders – August Example – *Excel Sheet*
   Operations Manager Domondon provided the Schedule of Water Orders. No action was taken.
   c. Solar Project Update – *Attachment*
   Operations Manager Domondon provided a Solar Project Update. No action was taken.
8. Tule River Association
   a. Update

Adjourn to Closed Session sitting as the Vandalia WD GSA Governing Body

9. District Closed Session
   a. Legal – Pending Litigation
      i. CONFERENCE WITH LEGAL COUNSEL – PENDING OR THREATENED LITIGATION in accordance with Government Code Section 54956.9(b): (one case)

   b. Personnel – Public Employee Performance Evaluation (§ 54957)
      Title: General Manager

Adjourn to Open Session

10. Report from Closed Session (if any)
    No reportable action from close session.

11. Next Regular Meeting: September 9, 2026, at 10:30 a.m.
    105 W Teapot Dome Ave, Porterville, CA 93257

12. Adjournment.

Vandalia

Water District and Groundwater Sustainability Agency

CERTIFICATION: THIS IS TO CERTIFY THAT THE ORIGINAL AGENDA FOR THE REGULAR MEETING AND GROUND SUSTAINABILITY AGENCY WAS POSTED AT THE DISTRICT OFFICE BY 9 AM, AUGUST 14, 2026.

IF ANYONE WANTS COPIES OF ANY OF THE REFERENCED BOARD MATERIALS THEY MAY CONTACT THE DISTRICT ADMINISTRATIVE ASSISTANT, CINTHIA CANALES AT 559-686-4716 OR BY EMAIL CCANALES@LTRID.ORG

Respectfully Submitted,

Alex Peltzer
Board Secretary

Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No.3.a.i**

DATE:	September 9, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	July ET Consumption - Groundwater Use Summary Report

SUMMARY and RECOMMENDED ACTION:

Receive and file the July 2026 ET Consumption – Groundwater Use Summary Report.

The report provides a summary of monthly surface water deliveries, estimated evapotranspiration (ET) consumption, and groundwater use exceedances within the District.

DISCUSSION:

As part of the District's ongoing groundwater management and monitoring efforts, staff prepares monthly ET Consumption – Groundwater Use Summary Reports to track water use within the District service area. The report compares estimated evapotranspiration consumption against reported surface water deliveries to identify groundwater use and any exceedance amounts subject to the District's groundwater management policies.

This information assists the Board in monitoring water use trends and ensuring compliance with applicable groundwater allocation requirements. The updated July 2026 report will be attached for Board review and discussion.

RECOMMENDED MOTION:

None

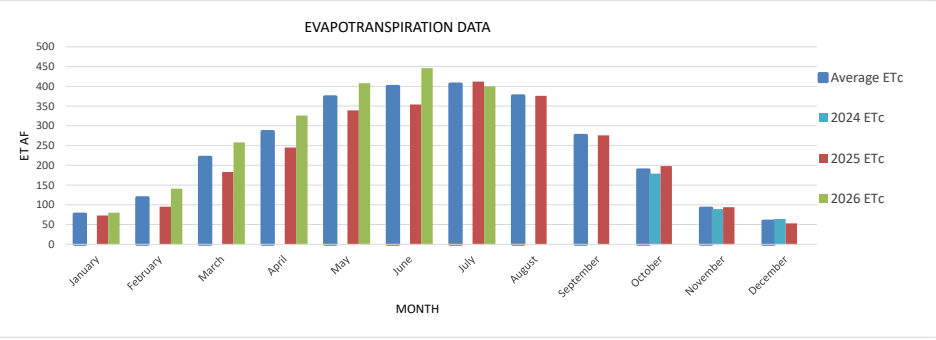
ATTACHMENTS:

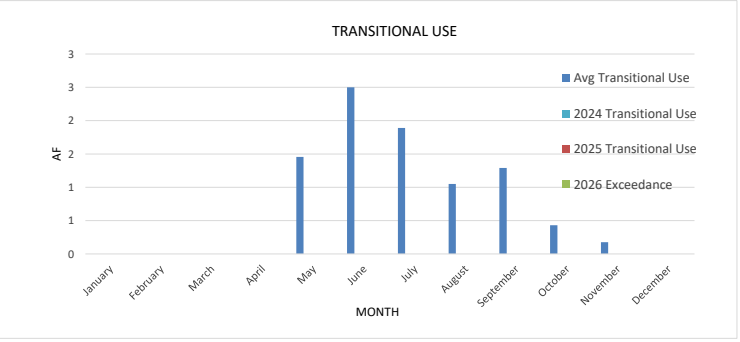
The attachment will be provided at the Board meeting.

VANDALIA WATER DISTRICT

MONTHLY GROUNDWATER USE SUMMARY WATER YEAR 2026

	Surface Water Delivery	Precipitation	Total Water	Etc		Exceedance Use	
	Total AF	Total AF	Total AF	TOTAL Etc	Average Etc by Month	Exc. USE	Avg. TP/Ex. Use by Month
January	342	197	539	80	77	0	0
February	148	197	345	141	118	0	0
March	289	20	309	258	221	0	0
April	97	137	234	326	286	0	0
May	185	5	190	408	374	0	1
June	200	0	200	446	400	0	3
July	227	0	227	400	406	0.00	1.89
August					376		1.05
September					276		1.29
October					189		0.43
November					92		0.18
December					59		0.00
Total:	1,488	556	2,044	2,059	2,871	0.00	8.79





Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No. 3.b.ii**

DATE:	September 9, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	Land IQ Client Services Agreement

SUMMARY & RECOMMENDED ACTION:

VWD GSA staff recommend that the Board approve the updated Client Services Agreement and Product License Agreement with Land IQ, LLC and authorize staff to execute the agreements. The agreements continue the District's field-level evapotranspiration (ET), precipitation, crop-mapping, reporting, monitoring-station, and grower-support services for a three-year scope extending from March 1, 2026 through April 30, 2029. These services provide the field-specific information needed to administer the GSA's groundwater accounting program, evaluate consumptive use, support landowner account statements and appeals, and document groundwater-management implementation. The proposed cost is based on GSA acreage, begins at $0.81 per acre per year, and includes a 3% annual escalation.

DISCUSSION & BACKGROUND:

The District GSA relies on Land IQ data to evaluate agricultural consumptive use at the individual-field level. Unlike generalized crop-coefficient estimates, Land IQ's remotely sensed analysis incorporates actual field conditions, crop type, irrigation management, fallowing, vegetation cover, soil and weather conditions, and ground-based calibration. This information is central to the District's existing ET-based accounting and remains important for historical accounting, verification, policy implementation, and defensible reporting as the District evaluates future water-accounting changes.

The updated agreements establish the contractual and licensing framework needed for Land IQ to continue delivering these services. The Client Services Agreement contains the general business terms governing scopes of work, invoicing, ownership of deliverables, confidentiality, insurance, termination, dispute resolution, and other professional-service requirements. The attached Statement of Work then defines the District-specific services, schedule, deliverables, and three-year pricing.

The Product License Agreement governs the District's use of Land IQ crop mapping, precipitation, permanent-crop-age, and field-scale consumptive-use products. The District may use the products internally and may share graphical formats, such as PDF or JPEG exhibits, for District business and regular reporting when the required Land IQ citation is included. Underlying GIS-compatible data may be shared with consultants or contractors working for the District only after an End User License Agreement is executed and the intended use is

identified. The agreement also recognizes the District's obligations under the Ralph M. Brown Act and California Public Records Act.

SCOPE OF SERVICES:

The proposed Statement of Work includes: (1) monthly field-by-field ET and precipitation analysis, with results generally delivered within approximately 30 days after the end of the analyzed month; (2) annual field-by-field crop mapping; (3) monthly reports and access to a District-level web tool containing field boundaries, crop mapping, ET and precipitation layers, reports, and data downloads; (4) continuous management and maintenance of ground-truthing climatic stations used to calibrate the ET analysis; and (5) grower and stakeholder support, including approximately two to three presentations, workshops, or general events per year and routine responses to questions.

Special appeals, customized analyses, special data summaries, or other requests requiring additional GIS or agronomic work are not included in the base scope. Land IQ may perform that work only after determining the additional level of effort and receiving the District's approval.

COST OF SERVICES:

Cost Item	March 2026-April 2027	March 2027-April 2028	March 2028-April 2029
Acreage	1,386	1,386	1,386
Rate	$0.81/acre/year	$0.83/acre/year	$0.85/acre/year
Annual Cost	$1,122.66	$1,150.38	$1,178.00

STAFF RECOMENDATION:

Staff recommend approval because uninterrupted access to timely, field-specific ET, precipitation, and crop data is necessary for consistent groundwater accounting, landowner support, policy implementation, and regulatory documentation. A three-year scope also provides continuity in methods, calibration, field history, and reporting while establishing known annual pricing.

RECOMMENDED MOTION:

"I move to approve the Land IQ, LLC Client Services Agreement, including the attached three-year Statement of Work, and the Product License Agreement for field-level evapotranspiration, precipitation, crop mapping, reporting, station maintenance, and support services; and authorize the General Manager, or authorized staff designee, to execute the agreements and administer the services within the approved scope and budget."

ATTACHMENTS:

1. Land IQ, LLC Client Services Agreement and Statement of Work, dated August 6, 2026

LAND IQ, LLC

CLIENT SERVICES AGREEMENT

This **CLIENT SERVICES AGREEMENT** (the "**Agreement**") is made and entered into effective as of **August 6, 2026,** by and between **Land IQ, LLC**, a California limited liability company, ("**Land IQ**"), and **Vandalia Irrigation District and Groundwater Sustainability Agency** ("**Client**").

WHEREAS, Land IQ is engaged in the business of providing services to its clients that involve, among other services, technical consultation, research, and performance of analyses related to soil, landscape, remotely sensed imagery, water, air, and crop production data, hydrological modeling, ecological systems, agriculture, water quality and supply management, irrigation, plant water use, geospatial analysis, environmental regulatory compliance, and legal support.

WHEREAS, Client desires to engage Land IQ to perform certain Designated Services (defined below), and Land IQ desires to perform such Designated Services, all on the terms and conditions set forth herein.

NOW, **THEREFORE**, for and in consideration of the mutual promises in this Agreement, and all other good and valuable consideration, the receipt and legal sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Designated Services

Client hereby engages Land IQ, and Land IQ hereby accepts such engagement, at all times during the Term (as hereinafter defined), to provide those services to Client described on the Statements of Work entered into and attached hereto from time to time by the parties, each of which Statement of Work shall relate to a specific project, shall be substantially in the form of **Exhibit A,** and shall be attached hereto and incorporated into this Agreement at the time such Statement of Work is agreed upon by the parties hereto (collectively, the "**Designated Services"**). Each such Statement of Work shall also set forth the Designated Services that shall be performed by Land IQ and may include descriptions of deliverable items ("**Deliverables**"), deliverable schedules, acceptance criteria, and other payment schedules. Although approved at project initiation, the Designated Services and any limitations on charges may be modified from time to time as agreed to in writing by the parties, for the applicable Statement of Work.

2. Compensation and Billing

In consideration of the performance of the Designated Services described in each Statement of Work, Client shall pay to Land IQ compensation in the form of professional fees at the rates or in the amounts and at the times set forth on such Statement of Work. Professional fees shall be charged either on a time and materials basis, unit cost basis, or on a fixed fee basis, depending upon the terms of each applicable Statement of Work.

If the Designated Services are performed on a time and materials basis, or if specifically agreed in the Statement of Work, Client shall reimburse Land IQ for (i) items of property; (ii) materials; and (iii) and out-of-pocket expenses, costs, and disbursements set forth on such Statement of Work. Land IQ agrees to provide Client with access to such original receipts, ledgers, and other records as may be reasonably appropriate for Client or its accountants to verify the amount and nature of any such (i) items of property; (ii) materials; or (iii) expenses, costs, and disbursements. If the Designated Services are performed on a time and materials basis, or if specifically agreed in the Statement of Work, Client shall pay all applicable sales and other similar taxes, if any, based upon the Designated Services.

Notwithstanding the above, the compensation to be paid to Land IQ in connection with the performance of the Designated Services is subject to modification by the parties hereto in connection with any written modifications to the Designated Services hereunder, as provided in Section 1 above.

Land IQ shall invoice Client for amounts due from the performance of the Designated Services on a monthly basis except as otherwise agreed upon in a Statement of Work, and Client shall pay all invoiced amounts within thirty (30) days after the date of the applicable invoice unless other arrangements are made in advance. All unpaid invoices shall accrue interest at the rate of one and one-half percent (1.5%) per month to the extent that they are not paid by the end of such thirty (30) day period. Any payment will be applied first to accrued interest, then to accrued late charges and then to any remaining

balance. Client shall also be responsible for all costs and attorneys' fees incurred by Land IQ in collecting delinquent amounts.

3. Termination/Suspension of Services

The term of this Agreement (the "**Term**") shall begin on the date hereof, and shall continue until terminated pursuant to the terms hereof.

Either party shall have the right to terminate this Agreement for any reason whatsoever upon thirty (30) days' prior written notice thereof to the other party. Furthermore, either party shall have the right to terminate this Agreement immediately upon written notice thereof to the other party if such other party breaches any of the terms of this Agreement or fails to perform or observe any of its obligations hereunder (a "**Breach**"), and such Breach is not cured within a period of ten (10) days after the receipt by the breaching party of written notice of such Breach specifying the nature of the Breach. In addition, Land IQ may suspend the performance of the Designated Services upon ten (10) days' prior written notice to Client if timely payment of invoices is not made.

Upon termination of this Agreement for any reason, Client shall pay to Land IQ all earned but unpaid professional fees and other amounts hereunder, and all reimbursable but unreimbursed expenses, costs, and disbursements described in the Statement of Work. Land IQ shall deliver to Client, upon termination of this Agreement, any (i) items of property; (ii) materials; and (iii) items of property and materials purchased through out-of-pocket costs, expenses, or disbursements for which Land IQ claims any right to reimbursement

Upon termination of this Agreement for any reason, Land IQ shall promptly return to Client copies of all Deliverables completed at time of termination, as described in the subject Statements of Work, except for one (1) copy, which Land IQ shall be entitled to keep. If the "Deliverables" described in the Statement of Work contain any Confidential Information (defined below) data furnished by Client to Land IQ, Land IQ shall not be entitled to keep any copies of such data, and Land IQ shall certify in writing that it has destroyed any physical copies of such data and electronically purged any such data from its computer systems. Furthermore, upon termination of this Agreement for any reason, Client shall promptly return to Land IQ copies of all physical or electronic embodiments of all Tools and Rights (defined below), including—except for the Deliverables or as may be contained in the Deliverables—all materials incorporating the proprietary information of Land IQ, and Client shall not retain any such copies. Finally, notwithstanding any provision of this Agreement to the contrary, the terms and provisions of Sections 3, 5, 6, 9-13, and 16-28 shall survive any termination of this Agreement.

4. Delays and Force Majeure

Land IQ shall not be liable for delays in the performance of, or failures to perform, Designated Services caused by not reasonably foreseeable circumstances beyond its reasonable control, including without limitation, acts of God or the public enemy; acts and/or omissions of federal, state and local government authorities and regulatory actions; strikes, lockouts, and other labor disputes not caused by Land IQ; riots; civil unrest; war; accidents not caused by Land IQ; fires, floods, pandemics, or unusually severe weather not reasonably foreseeable and not caused by Land IQ; Client's failure to furnish necessary information; sabotage by Client or a third party; failures or delays in transportation or communication by Client; failures or substitutions of equipment caused by Client; embargos; and not reasonably foreseeable shortages of fuel, raw materials, or equipment. For delays resulting from unreasonable actions or inactions of Client or its representatives, Land IQ shall be given an appropriate time extension and shall be compensated for all additional costs of labor, equipment, and other direct costs Land IQ incurs during any delay or interruption of services. Delays of more than ninety (90) days shall, at the option of either party, make this Agreement subject to termination.

Client recognizes that delays relating to the processing of permit applications or approval of permits are beyond the control of Land IQ. Land IQ makes no warranties and Client waives any claims against Land IQ relating to the timeliness of approvals or the success of permit applications prepared under this Agreement.

5. Ownership of Materials

Unless otherwise expressly agreed upon in a particular Statement of Work or Product License Agreement, Client is and shall be the owner of all final documents, maps, and other written communications, generated by Land IQ in the

performance of the Designated Services and identified as being Deliverables. Notwithstanding any other provisions of this Agreement or applicable License Agreements, Client may use, distribute, and submit such Deliverables without limitation. Distribution of any Deliverables by the Client to third parties may be limited by the terms of a License Agreement as negotiated by both parties. Where there are discrepancies between this Agreement and the Product License Agreement the more limiting terms apply.

Notwithstanding any provision of this Agreement to the contrary, except for the Deliverables, Land IQ shall retain and be the sole owner of all right, title, and interest in and to all of the (a) ideas, know-how, approaches, methodologies, concepts, skills, tools, techniques, data, processes, routines, and technologies created, adapted, or used by Land IQ in its business generally, irrespective of whether possessed by Land IQ prior to, or acquired, developed, or refined by Land IQ (either independently or in concert with Client) during the course of, or the performance of, the Designated Services; (b) information, programming, software, documentation, data compilations, reports, and any other media, working notes, drawings, designs, specifications, materials, or other objects produced as a result of Land IQ's performance of the Designated Services; and (c) applicable rights to patents, copyrights, trademarks, service marks, trade secrets, and other intellectual property rights inherent therein and appurtenant thereto (collectively, the "**Tools and Rights"**). Client shall have no interest in or claim to the Tools and Rights. Land IQ reserves its right to use the Tools and Rights in providing services to any persons or entities in the future.

Except for the Deliverables or as may be contained in the Deliverables, use by Client or third parties of any Tools and Rights without the written permission of Land IQ, is prohibited, and Client shall defend, indemnify and hold Land IQ harmless from all losses, claims, damages, and expenses, including reasonable attorneys' fees and costs, incurred by Land IQ and arising out of such unauthorized use. Further, Client shall reasonably compensate Land IQ for violation of any copyright, patent, or other intellectual property rights occasioned by such unauthorized use.

The parties agree to execute other instruments, give further assurances, and perform acts which are or may become necessary or appropriate to effectuate and carry out the provisions of this Section 5.

6. Right of Inspection and Audit

If Land IQ's professional service fees for any particular Designated Services are charged on a time and materials basis, Client may at its sole cost and expense, during the Term and for three (3) years after its completion, have reasonable access upon reasonable notice and during normal business hours to all pertinent Land IQ records and accounts relating to such charges. Client shall reimburse Land IQ for all personnel, materials, and copying costs incurred by Land IQ for any such Client inspection and audit.

7. Assignments and Subcontractors

Except as otherwise provided in this Agreement, neither Client nor Land IQ shall assign or otherwise transfer its rights, duties, or obligations under this Agreement without the prior written consent of the other. Notwithstanding the foregoing, Land IQ may subcontract the performance of those Designated Services which are ordinarily or customarily provided by others or which are necessary to prevent or minimize danger to persons, property, or equipment, subject to the prior written consent of Client, which consent shall not be unreasonably withheld or delayed.

8. Independent Contractor Status

It is agreed that Land IQ shall act as an independent contractor with respect to the performance of the Designated Services hereunder, and not as an employee, agent, or representative of Client. To that end, the parties hereby acknowledge and agree that Client shall have no right to control the manner, means, or methods by which Land IQ performs the Designated Services hereunder. Rather, Client shall be entitled only to direct Land IQ with respect to the elements of the Designated Services to be performed by Land IQ and the results to be derived by Client, to inform Land IQ as to where and when such Designated Services shall be performed, and to review and assess the performance of such Designated Services by Land IQ for the limited purposes of assuring that such Designated Services have been performed and confirming that such results were satisfactory. Land IQ agrees to pay all income taxes due on amounts paid to it under this Agreement, and further agrees that is solely responsible for timely remittance to appropriate authorities of all federal, state, and local income taxes and charges incident to the payment of compensation for goods and services and to the operation of Land IQ's business.

Land IQ shall not undertake to perform any regulatory or contractual obligation of Client or to assume any responsibility for Client's business or operations.

9. Insurance

During the Term, Land IQ agrees to maintain statutory workers' compensation insurance in the amount required by law, and employer's liability, professional, commercial general and automobile liability insurance in the amount of at least One Million Dollars ($1,000,000) each. The Client, its directors, officers, employees, and authorized volunteers are to be given additional insured status with respect to liability arising out of work or operations performed by or on behalf of Land IQ for Client under this Agreement and Land IQ's insurance coverage shall be primary to Client. Insurance or self-insurance maintained by the Client shall be excess of Land IQ's insurance and shall not contribute with it. Copies of certificates of insurance shall be issued upon request, and such coverage shall not be canceled except with notice to Client.

10. Standard of Care

Land IQ agrees to perform the Designated Services pursuant to the terms of this Agreement and in material compliance with all applicable laws, rules, and regulations of government authorities. Although Land IQ believes that the Designated Services shall provide the desired benefits sought by Client, the nature of our work involves natural and managed systems that contain inherent variability. Land IQ cannot give any warranty or guaranty with respect thereto, and specifically LAND IQ MAKES NO WARRANTIES, EXPRESS OR IMPLIED, OR WHETHER ARISING BY OPERATION OF LAW, COURSE OF PERFORMANCE OR DEALING, CUSTOM, USAGE IN THE TRADE OR PROFESSION OR OTHERWISE, WITH RESPECT TO THE DESIGNATED SERVICES, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Client agrees to provide Land IQ with prompt written notice of any defect or suspected defect in the Designated Services.

11. Limitation of Liability

A. In no event shall the Land IQ Indemnitees (defined below) be liable to Client or to any other person or entity for any indirect, special, or consequential damages, or lost profits, arising out of or related to this Agreement, the breach thereof, or the performance of the Designated Services.

B. Except for earned but unpaid professional fees and other amounts hereunder, and reimbursable but unreimbursed expenses, costs, and disbursements described in the Statement of Work, in no event shall the Client Indemnitees (defined below) be liable to Land IQ or to any other person or entity for any indirect, special, or consequential damages, or lost profits, arising out of or related to this Agreement, the breach thereof, of the performance of the Designated Services.

C. Client acknowledges and agrees that Land IQ shall have no liability to Client with respect to the quality or condition of any data, media, or other materials provided by Client to Land IQ as part of Land IQ's performance of the Designated Services. For example, if such data contains a virus, bug, or other defect, Land IQ shall not be responsible for any such matters or for any costs or expenses necessary to correct same. Furthermore, Client acknowledges and agrees that Client shall be solely responsible for Client's data, media, and materials while they are in transit to or from Land IQ. Land IQ shall not be held responsible for errors introduced within Land IQ's software or any other software that result from databases or database interfaces that have been developed by parties other than Land IQ.

Notwithstanding any other provision herein, (a) the collective liability of the Land IQ Indemnitees to Client Indemnitees shall be limited to injuries or losses caused during the Term by the gross negligence or willful misconduct of Land IQ, and (b) in no event shall the Land IQ Indemnitees' aggregate liability to Client exceed the lesser of (1) the total amount of professional service fees paid to Land IQ hereunder by Client with respect to the Statement of Work in dispute, and (2) Five Hundred Thousand Dollars ($500,000), unless such actual or alleged losses arise directly or indirectly from Professional errors or omissions, in which event the Five Hundred Thousand Dollar ($500,000) amount shall be increased to One Million Dollars ($1,000,000).

12. Indemnity

A. To the maximum extent permitted by law, Client shall defend, indemnify and hold harmless Land IQ, its members, managers, officers, directors, and employees (collectively, the "**Land IQ Indemnitees**"), from and against any and all demands, claims, causes of action, suits, judgments, liabilities, liens, losses, damages, expenses, fines, penalties, and assessments incurred or sustained by the Land IQ Indemnitees, or any of them, on account of (a) any personal injury, death, or damage to or loss of property in any manner related to the management, conduct, or operation of Client's business; (b) the gross negligence or willful misconduct of Client in the performance of its obligations under this Agreement; and/or (c) the failure of Client to comply with all of its obligations under this Agreement.

B. To the maximum extent permitted by law, but subject to the limitations described in Sections 4, 11 and this Section 12, Land IQ shall defend, indemnify and hold harmless Client, its officers, directors, managers, and employees (collectively, the "**Client Indemnitees**"), from and against any and all demands, claims, causes of action, suits, judgments, attorney's fees, liabilities, liens, losses, damages, expenses, fines, penalties, and assessments incurred or sustained by Client Indemnitees on account of (a) any personal injury, death, or damage to or loss of property in any manner related to the performance of the Designated Services; (b) the negligence or willful misconduct of Land IQ in the performance of its obligations under this Agreement; and/or (c) the failure of Land IQ to comply with all of its obligations under this Agreement, provided, however, that the maximum aggregate liability of Land IQ shall not exceed the policy limit of Land IQ's applicable insurance policy.

13. Confidentiality

Each party hereto acknowledges that, in connection with this Agreement, such party (the "**Disclosee**") might be making use of, acquiring, or adding to, the Confidential Information of the other party (the "**Discloser**"). For purposes of this Agreement, **"Confidential Information"** shall mean (i) the confidential and proprietary information of the Discloser which is of a special and confidential nature and has tangible or intangible value and which includes, but is not limited to, the following: (1) information related to the suppliers, customers, and prospective suppliers and customers of the Discloser, (2) information concerning or related to the business of the Discloser that could be used as a competitive advantage by competitors if revealed or disclosed to such competitors or to persons or entities revealing or disclosing same to such competitors, and (3) "trade secrets", as that term is defined in California Civil Code Section 3426.1, as amended from time to time, or such other applicable state law, statute, or code ("**Trade Secrets**"); (ii) the confidential and proprietary information of any other person or entity that the Discloser is obligated to maintain or hold as confidential; and (iii) any and all oral or written analyses, notes, compilations, studies, interpretations, extracts, or summaries which contain, reflect, or are based upon, in whole or in part, any of the confidential and proprietary information described in items (i) or (ii) as well as all photo, electronic, or other copies or reproductions, in whole or in part, of any of the foregoing, stored in whatever medium (including electronic or magnetic); provided however, that Confidential Information shall not include any information that: (A) was generally known or available to Disclosee or the public (other than by reason of any violation by the Disclosee or any other person or entity of any written or other obligation of confidence) at the time of the disclosure to the Disclosee by the Discloser or any of its agents or representatives, or (B) became generally known or available to Disclosee or the public (other than by reason of any violation by the Disclosee or any other person or entity of any written or other obligation of confidence) after the time of disclosure to the Disclosee by the Discloser or any of its agents or representatives other than by means of disclosure by the Discloser. Each Disclosee acknowledges that the Confidential Information has been and shall continue to be of central importance to the business of the Discloser, and that disclosure of it to, or its use by, others could cause substantial loss to the Discloser. Each Disclosee agrees that, at all times during the Term and (a) with respect to all Trade Secrets, for so long thereafter as such Trade Secrets continue to constitute Trade Secrets (or for a period of five (5) years after the Term, whichever is longer); and (b) with respect to all Confidential Information not constituting Trade Secrets, for a period of five (5) years after the Term, the Disclosee shall not, directly or indirectly, use, divulge, or disclose to any person or entity, other than those persons or entities employed or engaged by the Disclosee who or which are authorized to receive such information, any of the Confidential Information which was obtained by the Disclosee as a result of the performance of this Agreement, and the Disclosee shall hold all of the Confidential Information confidential and inviolate and shall not use the Confidential Information against the best interests of the Discloser. Notwithstanding any provision of this Section to the contrary, the obligations of the parties set forth in this Section shall not in any manner be construed to limit or adversely affect the exercise of the rights and privileges of Section 5 above, and in the event of any conflict between the terms of this Section 13 and the terms of Section 5, the terms of Section 5 shall govern and control.

In the event that either party is requested or required (by oral questions, interrogatories, public records act request, requests for information or documents in legal proceedings, by subpoena, by civil, administrative, or criminal investigative demand, or other similar process, or by any law, rule, or regulation of any governmental agency or regulatory authority) to disclose any Confidential Information, such party shall provide the other party with prompt written notice of any such request or requirement so that the other party may seek a protective order or other appropriate remedy and/or waive compliance with this Section 13. If, in the absence of a protective order or other remedy or the receipt of a waiver, one party is legally compelled to disclose Confidential Information, such party may, without liability hereunder, disclose such Confidential Information as is legally required to be disclosed, provided that such party shall cooperate with the other party to obtain an appropriate protective order or other reliable assurance that confidential treatment will be afforded the Confidential Information required to be disclosed.

14. Right of Entry and Property Responsibility

During the Term, Client shall grant or cause to be granted to Land IQ, its assignees, and its authorized subcontractors, at Client's expense, free access to any property affiliated with the Designated Services (a "**Site**"). Client shall notify the owners and possessors of such Site, whether they are lawfully or unlawfully in possession, that Client has granted such free access to such Site. Client shall secure permission and any permits necessary to allow Land IQ, its assignees, and its authorized subcontractors free access to such Site at no charge to such parties unless otherwise specifically agreed to in writing. Land IQ shall not assume control of or responsibility for the property itself or the safety of persons not in Land IQ's employ. Land IQ shall not enter or access any Site until Client has provided Land IQ with written notice that entry on the Site has been authorized.

15. Site Uncertainties

In soil, landscape, land use, water, and other scientific investigations, actual conditions may vary materially from those noted at test points, sample intervals, or by remote analyses. Because of the inherent uncertainties, changed or unanticipated conditions may arise during subsequent activities at any Site that could potentially affect project scope and cost. Because of these inherent uncertainties, Land IQ's reports and opinions with respect to any landscape condition are not guaranteed to be a representation of actual Site conditions or costs, and the consequences of unanticipated conditions during subsequent activities at any Site are not the responsibility of Land IQ. If the Site conditions are such that the cost of the Designated Services will materially increase, Land IQ agrees to notify Client in writing of said Site conditions, and shall not proceed with the Designated Services until Client gives written authorization to proceed.

16. Non Solicitation of Personnel

Client acknowledges that Land IQ provides a valuable service by identifying and assigning its employees, independent contractors, and agents to assist Land IQ in conducting the Designated Services. Therefore, without the prior written consent of Land IQ, Client shall not recruit or hire any employee, independent contractor, or agent of Land IQ that is or has been assigned to perform any of the Designated Services on behalf of Land IQ, or who actually performs any part of such Designated Services, until one (1) year after the termination of this Agreement.

17. Notices

All notices, requests, demands, and other communications required or permitted hereunder shall be in writing and, if mailed by prepaid first class mail or certified mail, return receipt requested, at any time other than during a general discontinuance of postal service due to strike, lockout, or otherwise, shall be deemed to have been received on the earlier of the date shown on the receipt or three (3) business days after the postmarked date thereof. In addition, notices hereunder may be delivered by hand, in which event the notice shall be deemed effective when delivered, or by overnight courier, in which event the notice shall be deemed to have been received on the next business day following delivery by such courier. Finally, notices hereunder may be delivered by facsimile transmission or by electronic mail transmission; if sent by facsimile transmission, such notice shall be followed forthwith by letter and shall be deemed to have been received on the next business day following dispatch and acknowledgment of receipt by the recipient's facsimile machine; and if sent by electronic mail transmission, such notice shall be followed forthwith by letter and shall be deemed to have been received on the next business day following such transmission. All notices and other communications under this Agreement shall be given to the parties hereto at the following addresses:

(a) If to Land IQ:

Land IQ, LLC
2020 L Street, Suite 210
Sacramento, California 95811
Attention: Casey Gudel
phone: (916) 265-6330
email: cgudel@landiq.com

(b) If to Client:

Vandalia Irrigation District and Groundwater Sustainability Agency
357 E Olive Ave
Tipton, CA 93272
Attention: Travis Millwee
phone: (661) 342-3191
email: tmillwee@ltrid.org

unless and until notice of another or different address shall be given as provided herein.

18. Integration

This Agreement, including each Statement of Work and License Agreement related hereto and entered into by the parties hereto from time to time, and all other attachments, if any, hereto and to any Statement of Work and License Agreement, embodies the entire agreement between, and the understanding of, the parties hereto in respect of the subject matter contained herein. The parties hereto have not relied upon any promises, representations, warranties, agreements, covenants, or undertakings, other than those expressly set forth or referred to herein. This Agreement supersedes all prior or contemporaneous negotiations, understandings, and agreements, whether written or oral, between the parties hereto with respect to the subject matter contained herein, including but not limited to any preprinted terms and conditions contained in any purchase order, request for proposal, proposal, or other written communication between the parties. In the event of any conflict between the terms and conditions of this Agreement (excluding the Statements of Work and License Agreements) and the terms and conditions of a particular Statement of Work or License Agreement, the terms and conditions of the Statement of Work or License Agreement shall govern and control, except to the extent otherwise expressly provided in such Statement of Work or License Agreement.

19. Extensions, Modifications or Amendments

No extension, modification, or amendment of this Agreement shall be binding upon a party hereto unless such extension, modification, or amendment is set forth in a written instrument, which is executed and delivered on behalf of such party.

20. Successors and Assigns

This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and permitted assigns. Except as provided above, this Agreement shall not create any rights or benefits in any person or entity other than Client and Land IQ, nor is it intended to create any third-party beneficiaries to it.

21. Severability

In case any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision of this Agreement, and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision were limited or modified, consistent with its general intent, to the extent necessary so that it shall be valid, legal, and enforceable, or if it shall not be possible to so limit or modify such invalid, illegal, or unenforceable provision, this Agreement shall be

construed as if such invalid, illegal, or unenforceable provision had never been contained herein, and all other provisions hereof shall be and remain unimpaired and in full force and effect.

22. Waiver

The failure or delay of either party hereto at any time or times to require performance of any provision of this Agreement shall in no manner affect its right to enforce that provision. No single or partial waiver by either party hereto of any condition of this Agreement, or the breach of any term, agreement, or covenant, or the inaccuracy of any representation or warranty of this Agreement, whether by conduct or otherwise, in any one or more instances, shall be construed or deemed to be a further or continuing waiver of any such condition, breach, or inaccuracy, or a waiver of any other condition, breach, or inaccuracy.

23. Governing Law

This Agreement, and any and all claims arising out of the relationship between the parties hereto, shall be governed by and construed in accordance with the laws of the State of California, without giving effect to any conflicts or choice of laws principles which otherwise might be applicable.

24. Arbitration

Any dispute, claim or controversy relating in any way to this Agreement, whether in contract, in tort or otherwise, except a request for equitable, injunctive or restraining relief or to enforce an arbitration award, shall be resolved by arbitration in Sacramento, California, in accordance with the Commercial Arbitration Rules of the American Arbitration Association ("**AAA**"), subject to the limitations of this Section 25. This agreement to arbitrate will be specifically enforceable under the prevailing law of any court having jurisdiction. Notice of a demand for arbitration will be filed in writing with the other party hereto and with the American Arbitration Association. The demand for arbitration shall be made within a reasonable time after the claim, dispute or other matter in question has arisen, and in no event shall any such demand be made after the date when institution of legal or equitable proceedings based on such claim, dispute or other matter in question would be barred by the applicable statute of limitations. The parties agree that three (3) arbitrators shall arbitrate all disputes. The arbitrators shall be selected by the joint agreement of the parties, but if they do not so agree within twenty (20) days after the date of the notice of a demand for arbitration referred to above, the selection shall be made pursuant to the Commercial Arbitration Rules from the panels of arbitrators maintained by the American Arbitration Association. The parties will be entitled to discovery in the arbitration proceeding to the extent provided for in civil actions in the United States District Court for the Eastern District of California. The award rendered by the arbitrators will be final, judgment may be entered upon it in any court having jurisdiction thereof, and the award will not be subject to vacation, modification or appeal, except to the extent permitted by Sections 10 and 11 of the Federal Arbitration Act, the terms of which Sections the parties agree shall apply. Except as provided to the contrary in Section 26, each party shall pay its own expenses of arbitration, and the expenses of the arbitrators shall be equally shared.

25. Attorneys' Fees

In the event of arbitration or litigation between Client and Land IQ arising out of the Agreement, each party shall be entitled to recover from the other all of its reasonable costs and attorneys' fees, excluding expenses of the arbitrators (if any), to the extent that such party prevails over the other party in such proceeding.

26. No Liens or Encumbrances

Land IQ warrants that no liens, encumbrances, security interests, or other third-party claims of any type will attach to any Site as a consequence of its performance of the Designated Services. Land IQ agrees, upon request, to furnish conditional and unconditional forms of waiver of lien signed by Land IQ and all contractors, subcontractors, and materialmen who will furnish labor and materials under this Agreement.

27. General Warranties

Each party represents and warrants that: (i) it is duly organized, validly existing, and in good standing under the laws of the jurisdiction of its formation and is qualified to conduct its business in those jurisdictions necessary to perform this

Agreement; (ii) the execution and delivery of this Agreement are within its powers, have been duly authorized by all necessary action and do not violate any of the terms or conditions in its governing documents or any contract to which it is a party or any law applicable to it; (iii) this Agreement constitutes a legal, valid, and binding obligation of such party enforceable against it in accordance with its terms (subject to any equitable defenses); (iv) there are no bankruptcy, insolvency, reorganization, receivership, or other similar proceedings pending or being contemplated by it, or to its knowledge threatened against it; and (v) there are no suits, proceedings, judgments, rulings, or orders by or before any court or any governmental authority that could materially adversely affect its ability to perform this Agreement.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement effective as of the day and year first above written.

LAND IQ:

LAND IQ, LLC

By:_____

Name: Mica Heilmann

Title: Manager/Owner

CLIENT:

VANDALIA IRRIGATION DISTRICT AND GROUNDWATER SUSTAINABILITY AGENCY

By:_____

Name: Alex Peltzer

Title: General Manager

EXHIBIT A

STATEMENT OF WORK

SEE ATTACHED STATEMENT(S) OF WORK

LAND IQ DATA-DRIVEN ANALYSIS FOR EVAPOTRANSPIRATION, PRECIPITATION, CROP TYPE, AND MANAGER/GROWER SUPPORT AT THE FIELD LEVEL

TO:	Vandalia Irrigation District and Groundwater Sustainability Agency
FROM:	Joel Kimmelshue/Land IQ Stephanie Tillman/Land IQ Casey Gudel/Land IQ Kylie Applemun/Land IQ
DATE:	July 8, 2026

INTRODUCTION

Land IQ has been providing field-by-field evapotranspiration (ET), precipitation, crop type, and grower support for irrigation districts, Groundwater Sustainability Agencies (GSAs), and other water management entities since 2016. The water use of crops can be estimated via empirical methods (e.g., Kc approaches); however these estimates are not unique to individual fields, irrigation management, fallowing, deficit irrigation, soil type, changing environmental conditions, etc. The work proposed here is to continue a proven and ongoing approach to remotely sensed ET on a field-by-field basis for a 30-day timestep unique to the aforementioned variables. An introduction to a new, daily ET grower-level tool is also provided in this scope of work for consideration; however, it is not a part of this scope of services.

Calculation of ET can be performed accurately using weighing lysimeters and eddy covariance monitoring techniques. These methods are limited, however, because they provide values of ET for a specific crop and field location and fail to provide the ET on a regional scale. This limitation has motivated the development of using remotely sensed data from satellites to evaluate ET over large areas. Satellite data are well suited for deriving spatially continuous ET surfaces that can be sometimes pared down to the field scale because of their temporal and spatial characteristics. However, the most accurate use of remotely sensed models is a result of calibration to actual surface measurements and work from the field level originally.

The Land IQ approach to estimating field-by-field ET incorporates heavy ground truthing to calibrate and validate data-driven models. ET is the greatest outflow of water from the water balance of these systems and needs to be estimated as accurately as possible. Underestimation of the ET demand can result in over-pumping of groundwater. Overestimation reduces the opportunity for optimization of farmed and irrigated ground. Incorporation of ground truthing significantly aids in reducing the variability of field-level ET estimates. Field-by-field precipitation, and crop type are also provided. The accuracy of the three deliverables is expected to be:

- Field-by-field ET (+/- 5-12%)

Scope Confidentiality: *This scope of work is considered confidential in nature, and is intended for review and consideration only by the addressees or direct representatives of the organization in the "Prepared For" line.*

- Field-by-field precipitation (+/- 5-10 mm)
- Field-by-field crop mapping (97.5% prediction accuracy and +/- 6 feet spatial boundary accuracy)

All spatial results significantly enhance the ability to better understand the overall water balance and comply with any necessary regulatory requirements.

STAFFING RESOURCES AND PROJECT COOPERATORS

Staff expected to work on this project from Land IQ have been involved in various aspects of ET field measurements and modeling, agricultural remote sensing, and regulatory support for the last 4 to 29 years and are listed below. Other appropriately qualified staff may also participate to facilitate completion of any tasks as a part of this proposed scope of work.

- Principal In Charge and Principal Agricultural Scientist – Joel Kimmelshue, PhD
- Remote Sensing Analyst – Atsushi Tomita, PhD
- Remote Sensing Analyst – Zhehan Tang, PhD
- Biometeorologist – Frank Anderson, MS
- Biometeorologist – Jenae Clay, PhD (candidate-ABD)
- Agricultural and Irrigation Scientist – Adriana Joosep, BS
- Agricultural Scientist – Cody Fink, MS
- GIS Analyst – Justin Sitton, BS
- Project Manager/Client Relations – Casey Gudel, MS
- Assistant Project Manager/Client Relations – Kylie Applemun, BS
- Agricultural Field Technician – Alejandro Guapo, BS
- Support Staff – Various as needed

Land IQ also welcomes input and collaboration with client staff and intends on integrating those staff into instrumentation efforts, data collection, and monitoring programs as the on-the-ground, local component of the team, if desired and feasible. This is not a requirement of the work efforts, however.

TASKS

Comprehensive task efforts include:

- **Task 1** – Monthly Field-by-Field ET and Precipitation; Annual Crop Mapping
- **Task 2** – Monthly Reporting via a Web-Based Tool
- **Task 3** – Station Management and Maintenance
- **Task 4** – Grower Support, Outreach, and Communications

Each of these tasks is discussed in detail below and includes schedule and deliverables. A cost summary for all work is provided.

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TASK 1. MONTHLY FIELD-BY-FIELD ET AND PRECIPITATION; AND ANNUAL CROP MAPPING

Scope of Work: The Land IQ ET approach is a data-driven, ground-truthed methodology developed and implemented since 2016 for approximately 42 separate water management or regulatory entities (irrigation districts or groundwater sustainability agencies) in 9 counties. The Land IQ ET approach is used to interpret image data and leverages robust and repeated ground station calibration and validation data. The approach yields more accurate results when repeated and representative ground calibration data are available as compared to remotely sensed ET estimates without ground truthing.

Because the Land IQ ET approach establishes calibration and validation data at the field level and analyzes at this same level, the result is field-level consumed water, which can then be rolled up to any regional area desired. This approach is unique to this method as compared to other remotely sensed approaches and models, which tend to take a landscape wide estimate and then assign to individual fields.

This method does, however, require robust ground truthing data, which is proposed as part of this work effort. The analysis will employ Landsat 8 and 9, Sentinel 2, and occasionally purchased high resolution satellite imagery (contracted by Land IQ and included in the overall cost). Satellite data will be screened for cloud cover and terrain-corrected. Ground measurements from monitored eddy covariance and surface renewal stations will be used to generate hourly ET data correlated to the satellite image overpasses and then used as a dependent variable in the modeling process.

Deliverables: Field-by-field ET, precipitation, and crop type to be delivered via Task 2.

Schedule: Individual analyses will be completed monthly, and results will be delivered within approximately 30 days from the end of the previous month.

TASK 2. MONTHLY REPORTING VIA A WEB-BASED TOOL

Scope of Work: Monthly reports will be developed. The first of the monthly reports will begin on the 1st of the month following completion of recording 30 days of climatic data and will be delivered approximately 30 days from end of the previous month. Results will be delivered in both report and web-based format. The web tool will contain all fields, field boundaries, crop mapping, coverages of field-by-field ET and precipitation as well as a download link for all results and reports. The web-based tool is designed to be used at the GSA or District level. The tool is not currently designed for individual grower access; however, a separate, daily ET tool has been developed for that purpose and is introduced at the end of this scope of work and is not a part of this scope of services.

Deliverables: Monthly results can be delivered in shapefile, tabular, and/or report formats.

In addition to ET, Land IQ will provide field-by-field crop type mapping in electronic and numerical summary form annually. These data will be the same crop mapping detail that are provided to the State of California, Department of Water Resources as Land IQ is the contractor for that dataset, however, delivered approximately 12 to 16 months sooner than the publicly available mapping. Field-by-field precipitation will also be delivered as spatially interpolated from rain gauges on Land IQ weather stations and other publicly available and reliable gauges (e.g., CIMIS stations, airports, municipalities, etc.).

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The multiple deliverables include:

- Field-by-field ET (monthly)
- Field-by-field precipitation (monthly)
- Field-by-field crop mapping (annually)

All electronic vector and raster GIS files are available.

Schedule: Individual ET and precipitation analyses and reporting will be completed monthly, and results delivered within approximately 30 days of the end of the previous month being analyzed. ET of Precipitation will be based on the total precipitation received Oct through May and the amount of vegetation cover. A small true-up and retrospective changes for Oct – May results will occur in June/July, once fields can be verified as truly non-irrigated, but well in advance of the end of the water year. Crop mapping will be delivered annually.

TASK 3. STATION MANAGEMENT AND MAINTENANCE

Scope of Work: This effort covers the management and continuous maintenance of ground truthing climatic stations of eddy covariance and/or surface renewal approaches to collect instantaneous ET ground data at select locations representing current crop production. At times, and depending on crop type/location shift, it should be expected that some stations may need to be moved. Some permanent crop stations will remain on an ongoing basis. Regardless, all costs are included in the overall cost. Participating grower cooperation is required for station siting. Stations will be maintained and managed by Land IQ.

The data collected by these stations will be used to calibrate the models for ET and create ET estimates across all cropped fields. The result is (1) a complete estimate of cropped-field only ET and (2) ET by crop type for each field. Data stations are fully telemetered by cellular communication systems to Land IQ servers. The system incorporates data flagging protocols to identify any inconsistencies in collection or outages. Land IQ will conduct monthly site visits to verify proper functionality and perform any necessary or seasonal adjustments.

Deliverables: None.

Schedule: Continuous.

TASK 4. OUTREACH AND COMMUNICATIONS

Scope of Work: Land IQ is committed to providing GSA and grower support for the results that we produce. Generally, our existing scope of work assumes 2 to 3 stakeholder presentations, workshops, and/or general events per year to explain and support the results to Boards or larger group audiences. This scope of work also includes providing verbal answers to questions or clarifications from the GSA or grower community. Appeals, analyses, special data summarizations and/or requests, and other more involved support services requiring additional GIS and/or agronomic analyses are not included in the base scope of services and will be invoiced separately following a level of effort determination by Land IQ and approval by the client entity.

Deliverables: Presentation materials.

Schedule: As needed or directed.

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TIMELINE

This scope of services is intended to cover a 3-year duration:

- March 1, 2026 – April 30, 2029

TOTAL COST AND PAYMENT TERMS

A cost summary table based on proposed costs is provided (Table 1).

Table 1. Three-Year Costs for Vandalia Irrigation District/Groundwater Sustainability Agency

	Vandalia - Proposed - 3 Years		
	March, 2026 - April, 2027	**March, 2027 - April, 2028**	**March, 2028 - April, 2029**
Acreage	**1,386**		
Escalation		3%	3%
$/Ac/Yr	$0.81	$0.83	$0.85
Total Annual Cost	$1,122.66	$1,150.38	$1,178.10
Total Monthly Cost	$93.56	$95.87	$98.18

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GROWER-SPECIFIC DEVELOPMENTS

Land IQ has developed a grower-level, field-by-field, daily ET product portal (see visual examples below) and current is being used on approximately 500,000 acres.

This product is not included in the cost contained in this scope of work; however, it is a new development that is intended to be provided directly to the grower community through a GSA, irrigation or water storage district, or similar entity. The development of this tool is in response to grower demands to access daily ET and precipitation results within 1-2 days, primarily for the purpose of irrigation management and overall water management decision-making. For consistency, the results of this daily product are reconciled against and will match the proven results of the 30-day ET results that are currently provided and proposed in this scope of work. The goal is for growers to track their water use on a daily basis in relation to a district-, GSA-, or grower-defined threshold. This allows the grower to adjust water management decisions during the year on a real time basis with an aim to achieve and not exceed, this threshold.

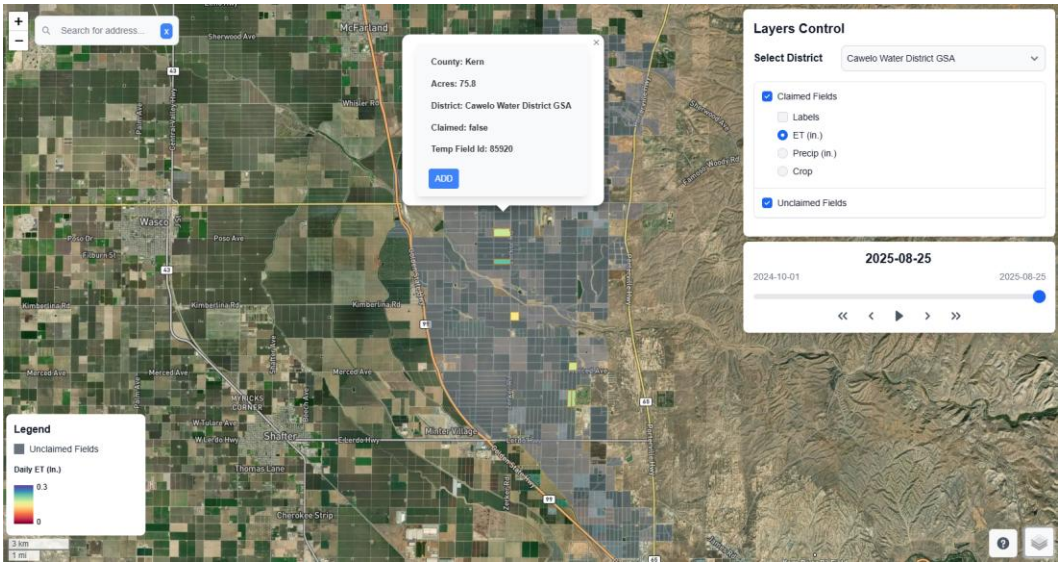
There is both a grower portal and an administrative user-level portal. Visual examples of both are provided below. The grower only sees the results of his/her fields, while the administrative user-level can access all individual grower fields and is provided with area-wide (e.g., GSA, irrigation or water storage district, or similar entity) summaries of accumulated consumption, precipitation, grower participation, crop type, field-level results, etc.

All results are downloadable into Excel format at any time for individual or manager-level review and additional use.

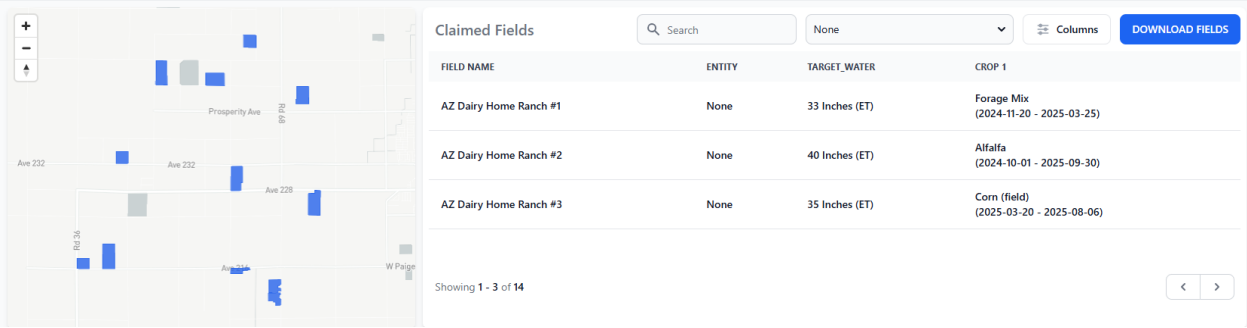
Land IQ can demonstrate this tool in more detail or conduct a user workshop as desired.

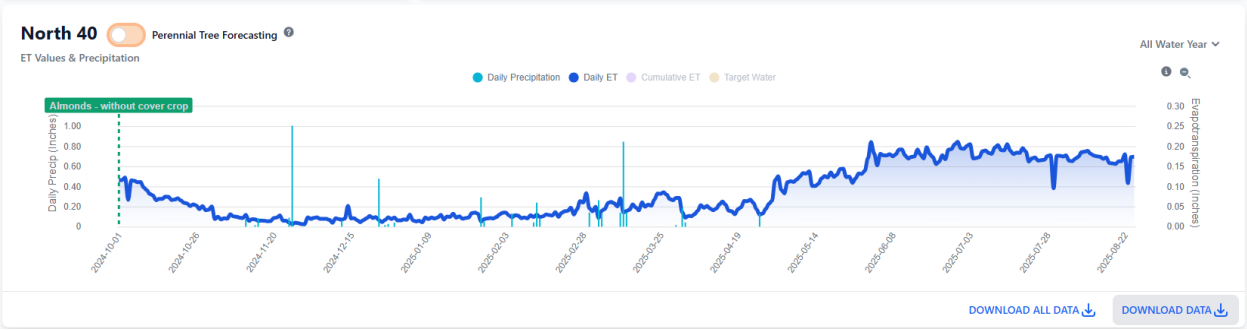
The cost for this tool is currently $0.55/acre/year for managed fields only, at the District, GSA, or similar entity level.

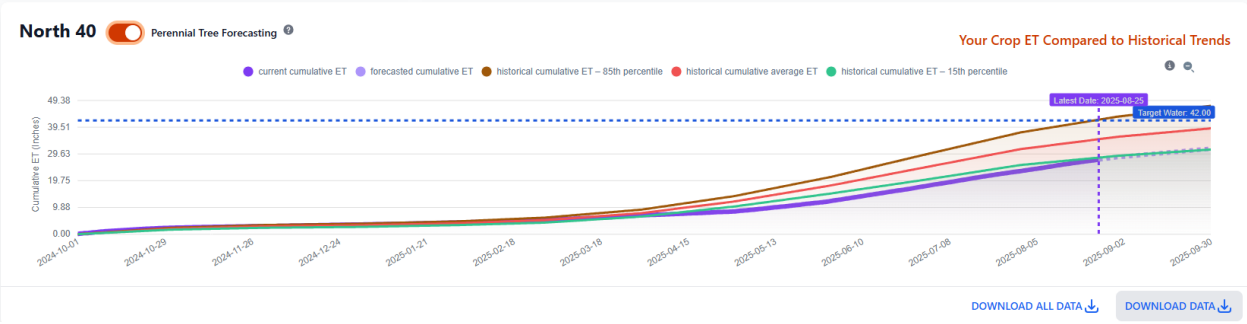
Grower Portal Examples:



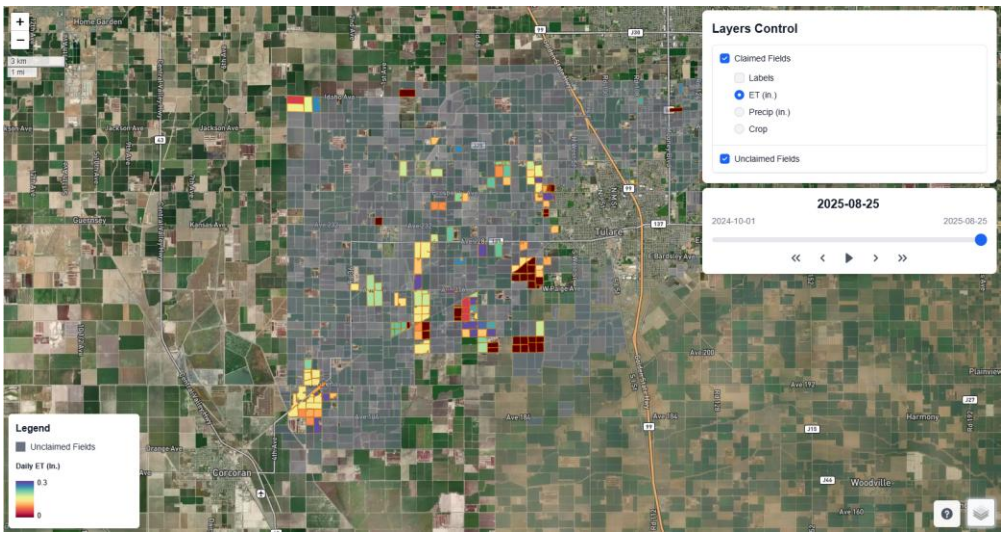
Scope Confidentiality: *This scope of work is considered confidential in nature, and is intended for review and consideration only by the addressees or direct representatives of the organization in the "Prepared For" line.*







Additional Manager Portal Summaries:



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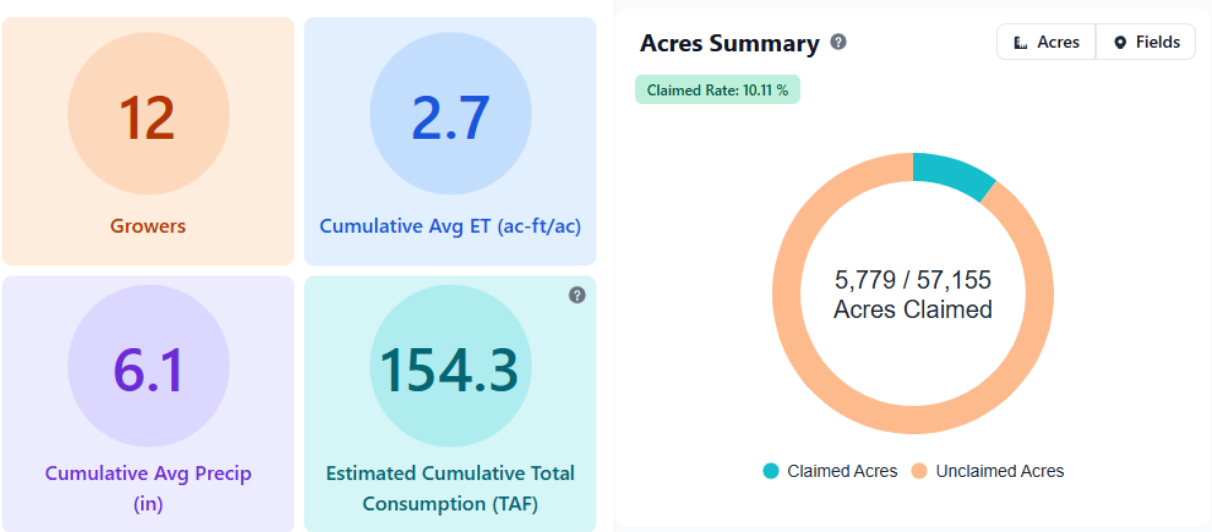

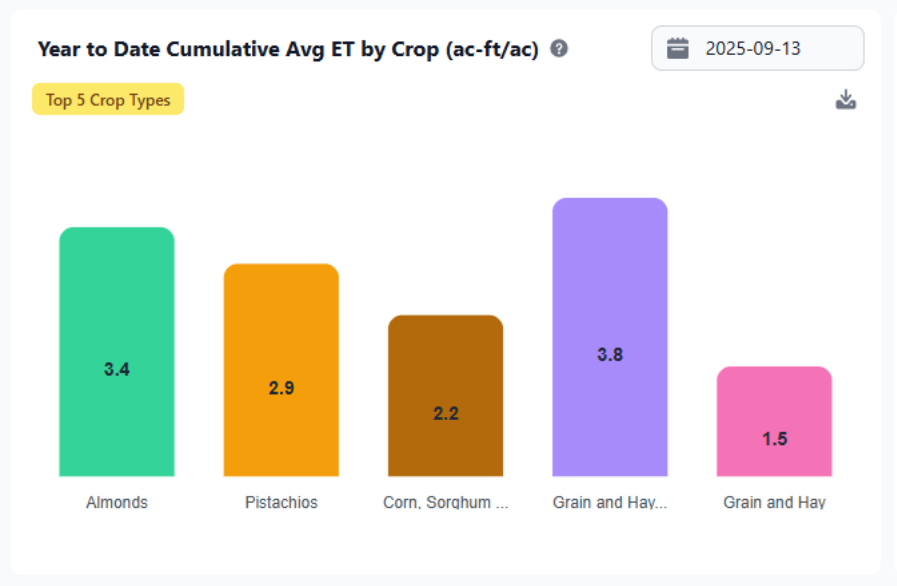

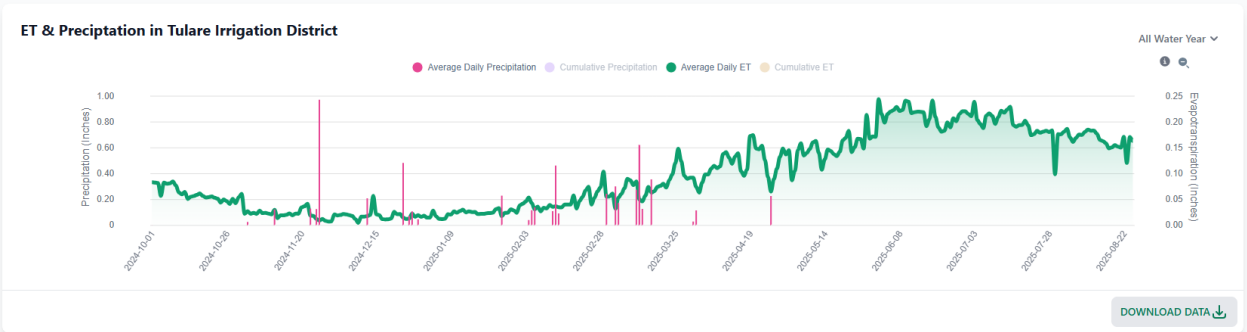

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Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No.4.a**

DATE:	September 9, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	Filling of Vacant Board Position by Appointment – Action Item

SUMMARY and RECOMMENDED ACTION:

In accordance with the District's procedures, notice of the vacant Board position was posted at three designated locations to provide public notice of the vacancy and an opportunity for interested individuals to be considered. The notice requested that letters of interest be submitted prior to the Board meeting.

Staff recommends that the Board review the eligible candidate(s) and any submitted letters of interest and appoint a qualified individual to fill the vacant position for the remainder of the applicable term.

DISCUSSION:

The Board position became vacant, requiring the Board to take action to fill the position. Notice of the vacancy was posted at three locations in accordance with the District's established procedures and State law.

The Board may consider any interested or qualified individuals and select a candidate to serve for the remainder of the vacant position's term. The appointment will allow the Board to maintain its full membership and continue conducting Company business effectively.

Any letter of interest from interested candidates received prior to the Board meeting will be distributed to the Board in advance.

RECOMMENDED MOTION:

I move that the Board of Directors appoint _____ to fill the vacant Board position for the remainder of the applicable term and direct staff to update the District's roster accordingly.

ATTACHMENTS:

1. Attachment A – Notice of Vacant Board Position

Vandalia Water District

357 E. Olive Avenue
Tipton, CA 93272
(559) 686-4716

Public Notice of Vacancy on the Board of Directors

Notice is hereby provided that due to a resignation by a member of the Board of Directors of Vandalia Water District, effective August 7, 2026, a vacancy currently exists.

Pursuant to the provisions of California Government Code Section 1780(d)(1), the remaining members of the District Board will consider the appointment of a qualified individual to fill the board vacancy at the regular Water District Board meeting on September 9, 2026, to be held at 105 W. Tea Pot Dome Avenue Porterville, CA 93257.

Water Code section 34700 provides that a Director shall be one of the following:

(a) A holder of title to land within the district.
(b) The legal representative of a holder of title to land within the district in accordance with Section 34030.
(c) A representative designated by a holder of title to land within the district, if the holder has filed with the district written evidence of that designation.

Any person who is qualified to serve on the Board of Directors under California Water Code section 34700 and is interested in being considered for appointment should submit his or her interest to the Board by completing a letter of interest and qualifications to the District General Manager at the above address or to apeltzer@ltrid.org. Submission must be received no later than 5:00 p.m. September 7, 2026.

Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No.4.b**

DATE:	September 9, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	List of Officers and Appointments (Appointment of Vice-President, Tule Basin Water Coalition, Irrigated Regional Water Management Plan, Tule River Association) – Action Item

SUMMARY and RECOMMENDED ACTION:

The Board is requested to consider appointments for the following positions and representatives:

- Vice-President
- Tule Basin Water Coalition Representative
- Irrigated Regional Water Management Plan Representative
- Tule River Representative

Staff recommends that the Board make the necessary appointments and approve the updated list of officers and representatives.

DISCUSSION:

The Vice-President position is currently vacant, and several District representative positions require appointment or confirmation by the Board.

The Board should consider appointing Directors to serve in these roles to ensure continued representation of the District and participation in regional water management activities and Tule River matters.

Following the Board's action, staff will update the District's official records and list of officers and representatives.

RECOMMENDED MOTION:

I move that the Board of Directors make the following appointments:

Vice-President: _____, Tule Basin Water Coalition Representative: _____, Irrigated Regional Water Management Plan Representative: _____, Tule River Representative: _____ and approve the updated List of Officers and Representatives.

ATTACHMENTS:

1. Attachment A – Updated List of Officers

VANDALIA WATER DISTRICT OFFICERS OTHER POSITIONS
As Adopted by the Board of Directors June 10, 2026
Regular Scheduled Meetings - 2nd Wednesday of each month

DIRECTOR	INT. DATE	LAST ELEC. DATE	TERM EXP.
WILLIAM M BENNETT		11/1/2026	12/1/2030
STEPHEN MEIER		11/1/2024	12/1/2028
ROGER EVERETT	Appointed 7/17/2024	11/1/2026	12/1/2030
JIM ZIMMERMAN		11/1/2024	12/1/2028
DYSON SCHNEIDER		11/1/2024	12/1/2028

TITLE	DIRECTORS / STAFF	EFFECTIVE	TERM
PRESIDENT	STEVE MEIER	DEC. 2018	INDEFINITE
VICE PRESIDENT	DYSON SCHNEIDER	DEC. 2018	INDEFINITE
SECRETARY	ALEX PELTZER	MAY 2026	INDEFINITE
ASST.SEC. / TREASURER	ALEX PELTZER	MAY 2026	INDEFINITE

Tule Basin Water Coalition	DIRECTORS / STAFF	EFFECTIVE	TERM
DIRECTOR	DYSON SCHNEIDER	DEC. 2018	INDEFINITE
TULE RIVER INTERGRATED REGIONAL WATER MANAGEMENT PLAN			
DIRECTOR	DYSON SCHNEIDER	DEC. 2018	INDEFINITE
ALTERNATE	ALEX PELTZER	MAY 2026	INDEFINITE
TULE RIVER ASSOCIATION			
DIRECTOR	STEVE MEIER	DEC. 2018	INDEFINITE
ALTERNATE	DYSON SCNEIDER	DEC. 2019	INDEFINITE
ALTERNATE	ALEX PELTZER	MAY 2026	INDEFINITE

Proposed

VANDALIA WATER DISTRICT OFFICERS OTHER POSITIONS
As Adopted by the Board of Directors December 11, 2024
Regular Scheduled Meetings - 2nd Wednesday of each month

DIRECTOR	INT. DATE	LAST ELEC. DATE	TERM EXP.
WILLIAM M BENNETT		11/1/2026	12/1/2030
STEPHEN MEIER		11/1/2024	12/1/2028
ROGER EVERETT	Appointed 7/17/2024	11/1/2026	12/1/2030
JIM ZIMMERMAN		11/1/2024	12/1/2028
DYSON SCHNEIDER		11/1/2024	12/1/2028

TITLE	DIRECTORS / STAFF	EFFECTIVE	TERM
PRESIDENT	STEVE MEIER	DEC. 2018	INDEFINITE
VICE PRESIDENT			
SECRETARY	ALEX PELTZER	MAY 2026	INDEFINITE
ASST.SEC. / TREASURER	ALEX PELTZER	MAY 2026	INDEFINITE

Tule Basin Water Coalition	DIRECTORS / STAFF	EFFECTIVE	TERM
TULE RIVER INTERGRATED REGIONAL WATER MANAGEMENT PLAN			
DIRECTOR			
ALTERNATE	ALEX PELTZER	MAY 2026	INDEFINITE
TULE RIVER ASSOCIATION			
DIRECTOR	STEVE MEIER	DEC. 2018	INDEFINITE
ALTERNATE			
ALTERNATE	ALEX PELTZER	MAY 2026	INDEFINITE

Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No. 5.a**

DATE:	September 9, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	Treasurer's Report & Bills to Approve – Action Item

SUMMARY and RECOMMENDED ACTION:

Approve the Treasurer's Report and ratify the Bills Paid for August 2026.

This is a routine monthly item presented to the Board for review and approval. Any items outside of established budget parameters or atypical expenditures will be identified and discussed within the Treasurer's Report.

RECOMMENDED MOTION:

"I move to approve the Treasurer's Report and ratify the Bills Paid for August 2026, as presented."

ATTACHMENTS:

Financial Statements will be provided during the meeting.

Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No. 6.a.**

DATE:	August 19, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	Water delivery report – Information Item

SUMMARY and RECOMMENDED ACTION:

Receive and file the Monthly Surface Water Delivery Report through August 2026.

DISCUSSION:

Staff prepared the Monthly Surface Water Delivery Report to provide the Board with information regarding surface water deliveries, water operations, and water supply conditions within the District.

The report summarizes surface water deliveries made during the reporting month and provides year-to-date delivery information, as applicable. The report is intended to assist the Board in monitoring water supply availability, delivery trends, and ongoing operational activities.

This item is presented as a routine monthly report, and no action is required beyond receiving and filing the report.

RECOMMENDED MOTION:

None

ATTACHMENTS:

Attachment will be provided at the meeting.

VANDALIA WATER DISTRICT/CAMPBELL MORELAND DITCH

2025 / 2026 MONTHLY WATER USE SUMMARY

9/3/2026

STORAGE DATA

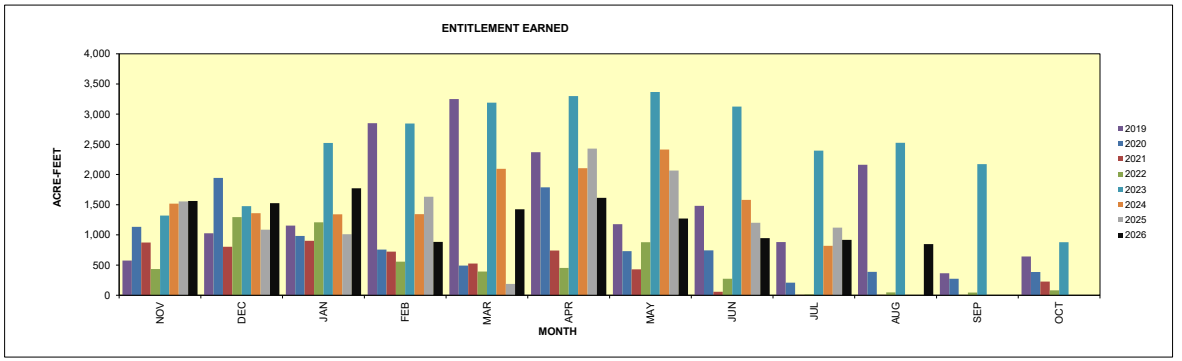
	VWD BEGINNING	ENITLEMENT	TRANSFERS	ENDING	CHANGE	VWD HEADGATE DIVERSION	TULE RIVER CHANNEL LOSS	RECHARGE VWD WELL FIELD	VWD DIRECT SALES	CMD DITCH RECHARGE	**TOTAL USE VWD WATER**	EVAPORATION	TOTAL FLOOD RELEASE	VWD SALES **(FROM WELLS)**	VWD Share of CMD water Direct delivered in lieu of pumping	Total Pumping	Total Sales
NOV	28.6	336.6	0.0	364.1	335.5	0.0	0.0	-	-	-	-	2.2	0	56.52	0.00	57	56.52
DEC	364.1	329.5	0.0	399.9	35.8	114.4	86.3	108.33	-	6.07	**114.40**	3.0	0	-	0.00	0	-
JAN	399.9	464.4	0.0	476.4	76.5	174.5	14.0	174.50	-	-	**174.50**	3.1	269.2	1.86	0.00	2	1.86
FEB	476.4	249.4	0.0	548.2	71.8	147.2	6.0	120.63	-	26.57	**147.20**	4.3	0.0	1.37	0.00	1	1.37
MAR	548.2	342.0	0.0	537.6	-10.6	116.4	12.3	97.60	17.09	1.78	**116.47**	7.7	261.2	110.96	0.00	111	128.05
APR	537.6	205.5	0.0	665.1	127.5	96.4	9.6	49.07	38.83	8.50	**96.40**	7.4	0	151.73	0.00	152	190.56
MAY	665.1	266.8	-50.0	643.7	-21.4	184.9	15.3	72.88	84.73	27.29	**184.90**	1.8	0	197.04	0.00	197	281.77
JUN	643.7	66.2	0.0	466.9	-176.8	200.3	5.8	76.85	85.28	38.17	**200.30**	12.4	0	208.34	0.00	208	293.62
JUL	466.9	149.0	0.0	368.6	-98.3	226.9	7.3	26.70	175.72	24.48	**226.90**	11.1	0	170.21	0.00	170	345.93
AUG	368.6	17.7	0.0	168.4	-200.2	205.7	3.4	-	224.57	-	**224.57**	8.3	0	142.24	18.87	161	366.81
SEP	168.4		0.0		-168.4						-				0.00	0	-
OCT	0.0		0.0		0.0						-				0.00	0	-
											-						
TOTALS:	Earned Entitlement	2,427.1	-50.0	162.4		1,466.7	160.0	726.6	626.2	132.9	**1,485.6**	61.3	530	1,040.3	18.87	1,059.1	1,666.5
	Channell Loss Entitlement	143.1		6.0													
	Flood Released	530.4															
	Net Headgate Retained	**1,753.6**		**168.4**													
	Yearly Entitlement Limit	**2,200.0**															
	% Filled	**80%**															

STORAGE DATA

	CMD BEGINNING	ENITLEMENT	TRANSFERS	ENDING	CHANGE	CMD HEADGATE DIVERSION	TULE RIVER CHANNEL LOSS	CMD SALES	RECHARGE PDC PROPERTY	RECHARGE VWD WELL FIELD	CMD DITCH RECHARGE	**TOTAL USE CMD WATER**	EVAPORATION	TOTAL FLOOD RELEASE
NOV	0.0	1,225.0	0.0	1,181.1	1,181.1	0.0	39.1	-	-	-	-	-	5.0	0
DEC	1,181.1	1,196.2	0.0	1,205.7	24.6	457.2	262.2	24.59	277.46	147.04	8.11	**457.20**	7.6	0
JAN	1,205.7	1,309.1	0.0	1,529.3	323.6	700.4	39.7	-	343.09	197.95	159.36	**700.40**	10.7	488
FEB	1,529.3	634.1	0.0	1,455.9	-73.4	588.5	11.5	3.78	371.21	175.17	38.34	**588.50**	12.9	0.0
MAR	1,455.9	1,082.4	0.0	1,392.0	-63.9	466.7	41.3	51.22	211.62	194.33	9.53	**466.70**	20.8	781
APR	1,392.0	1,407.1	0.0	2,237.6	845.6	401.5	40.9	30.32	246.69	106.35	18.14	**401.50**	22.6	0
MAY	2,237.6	1,004.8	0.0	2,235.5	-2.1	749.8	53.0	119.97	377.77	183.38	68.68	**749.80**	9.2	0
JUN	2,235.5	881.2	0.0	2,180.5	-55.0	787.3	69.2	170.96	389.61	151.50	75.23	**787.30**	48.9	0
JUL	2,180.5	768.8	0.0	1,944.1	-236.4	915.4	33.7	214.97	398.33	157.59	144.51	**915.40**	53.7	0
AUG	1,944.1	829.5	0.0	1,878.6	-65.5	827.3	15.7	153.45	347.83	146.75	179.27	**827.30**	51.3	0
SEP	1,878.6		0.0		-1,878.6							-		
OCT	0.0		-		0.0							-		0
TOTALS:	Earned Entitlement	10,338.2	0.0	1,643.5		5,894.1	606.3	769.3	2,963.6	1,460.1	701.2	**5,894.1**	242.7	1,268
	Channell Loss Entitlement	760.9		235.1										
	Flood Released	1,268.0												
	Net Headgate Retained	**8,309.3**		**1,878.6**										
	Yearly Entitlement Limit	**8,500.0**												
	% Filled	**98%**												

SUCCESS RESEVOIR STORAGE DATA

DATE	STORAGE	INFLOW	RELEASE
3-Sep	15,946.0	19.0	83.2



Notes:

Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No. 7.a.**

DATE:	September 9, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	Operations and Maintenance Report

SUMMARY and RECOMMENDED ACTION:

Staff completed routine Operations and Maintenance activities during August 2026. Work during the month included water system operations, facility inspections, general maintenance, and improvements to water measurement and monitoring equipment.

Staff recommends that the Board receive and file the August 2026 Operations and Maintenance Report.

DISCUSSION:

During August 2026, District Staff continued to perform routine operations and maintenance necessary to support the District's water delivery system and maintain District facilities and infrastructure.

Staff completed the replacement and installation of meters on the multiple wells within the wellfield. The new meters will allow the District to track groundwater pumping from each individual well and improve monitoring, reporting, and recordkeeping of wellfield operations.

Additional routine inspections, maintenance, and water delivery activities were performed throughout the District as needed to support reliable operations.

RECOMMENDED MOTION:

No action.

ATTACHMENTS:

None.

Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No. 7.b.**

DATE:	September 9, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	Solar Project Update

SUMMARY and RECOMMENDED ACTION:

Staff is providing an update on the status of the District's capital improvement projects. Construction activities and material deliveries for the Vandalia Upper Wellfield are underway. The solar project at the Upper Pumping Station has completed the SCE review, with a few corrections identified that need to be addressed before proceeding.

DISCUSSION:

Construction activities at the Vandalia Upper Wellfield are progressing, including the delivery of materials needed for the project. Staff will continue to coordinate with the contractor and monitor construction progress.

The solar project at the Upper Pumping Station has completed the Southern California Edison (SCE) review. SCE identified a few corrections that need to be addressed as part of the review process. Staff and the contractor will coordinate on the necessary corrections and continue moving the project forward.

Staff will continue to monitor both projects and provide updates to the Board as work progresses.

RECOMMENDED MOTION:

No action.

ATTACHMENTS:

None.

Vandalia
Water District and Groundwater Sustainability Agency

AGENDA STAFF REPORT **Item No. 7.c.**

DATE:	September 9, 2026
TO:	Board of Directors
FROM:	Alex Peltzer, GM John Michael Domondon, Operations Manager
SUBJECT:	Long Term Capital Project List

SUMMARY and RECOMMENDED ACTION:

Staff has identified several potential capital improvement projects for consideration as part of Vandalia Water District's long-term planning and upcoming budget process. The current list includes well rehabilitation, electrical upgrades, pipeline improvements, meter replacement, delivery improvements, and SCADA automation.

Staff recommends that the Board receive the Capital Project List for discussion and budgetary planning purposes. A capital project plan and proposed funding schedule will be presented at future meetings as part of annual budgetary processes.

DISCUSSION:

1. Well Rehabilitation – 17 Wells

Staff is proposing a well rehabilitation program for the District's 17 wells, with approximately one well rehabilitated each year. The work would include rebuilding the selected well as needed. The estimated cost is approximately $35,000 per well.

2. Well 33 – Acid Wash

Well 33 may require an acid wash to maintain well performance and operating efficiency. The potential cost is approximately $30,000.

3. Electrical Upgrade – Well 23 and Upper Booster Station

An electrical upgrade is being considered for Well 23 and the Upper Booster Station, including improvements to the District-owned electrical line connecting to SCE. The estimated cost is approximately $50,000.

4. Delivery Line Section Replacement

Staff has identified a section of the District's delivery system for potential replacement. The project is being included for planning purposes, with the cost to be determined as the scope and project requirements are developed.

5. Turnout Meter Replacement Program

Staff is considering a program to replace existing turnout meters to improve water measurement and delivery records. The estimated cost is approximately $10,000.

6. Direct Delivery Bypass of Booster Station

A bypass is being considered to allow for direct delivery around the booster station when operating conditions permit. The estimated cost is approximately $6,500.

7. Direct Delivery Travel Screen

Staff is considering improvements to the direct delivery system, including installation of a travel screen. The estimated cost is approximately $65,000.

8. SCADA Project – Headgate Automation

Additional SCADA improvements are being considered to automate the headgates and improve system monitoring and control. The estimated cost is approximately $50,000.

The projects listed above are being presented for planning and budgetary purposes. Project scopes, costs, priorities, and timing may be further refined as staff develops the District's capital improvement program and annual budget.

RECOMMENDED MOTION:

No action.

ATTACHMENTS:

None.