

# Illinois State Water Survey

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## Agricultural Irrigation Reporting Handbook

(Revised July 2020)

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### **About This Document**

This Handbook was developed to provide guidance to those agricultural irrigators in the State Of Illinois that are required to report their water use annually to the Illinois State Water Survey (ISWS), as specified in the Illinois Water Use Act. The ISWS is not a regulatory agency, but they are mentioned specifically in the Water Use Act to gather water withdrawal data because of their existing Illinois Water Inventory Program (IWIP) and their history of serving the needs of the citizens of Illinois related to water quantity and quality issues. The ISWS is a research and public service arm of the state and university, one of the Scientific Surveys that provide scientific expertise and advice to stakeholders in Illinois based on sound science and reliable data. Located at the University of Illinois, within the Prairie Research Institute, the ISWS uses water withdrawal data to evaluate water resources and draw sound scientific conclusions to water issues that may arise, as well as evaluate future water needs in the state.

At the end of this document is contact information for the staff at the ISWS responsible for collecting water use data. ISWS staff are helpful and want to make reporting a simple process. You are encouraged to contact them, they can answer your questions and help you better understand how the information you are providing will be used. This is a living document, quantifying agricultural irrigation is new to the ISWS as well, and there will likely be changes and additions as the program develops, grows, and begins collecting information from irrigators.

### **The Illinois Water Inventory Program**

Since 1978, the ISWS has collected water use data from over 2000 high capacity water users in the state under a voluntary program, the Illinois Water Inventory Program (IWIP). A survey is sent annually to every public water supply and self-supplied industry in the state asking them to provide total gallons of water pumped from each groundwater well and surface water intake capable of pumping more than 100,000 gallons a day (70 gallons per minute). Past estimates of irrigation water use through the IWIP program have been completed using rainfall deficit methods (the *checkbook method*), assuming 1.5 inches of rain needed a week during the growing season. This is an inaccurate way to estimate water use given the differences in soil type throughout the state. A few irrigators have participated in the IWIP Program, voluntarily, for many years, providing water withdrawal information that has helped the IWIP program evaluate irrigation water use.

### **The Illinois Water Use Act**

In 2010, the Illinois Water Use Act was amended to make reporting for all high capacity wells or intakes mandatory in Illinois, including agricultural irrigation. Agricultural irrigation reporting was delayed for five years to give irrigators a chance to understand the requirements, so they first were required to report irrigation water use in 2015. The complete text of the Illinois Water Use Act is provided in Appendix A, with the relevant sections for water use reporting underlined. The Act does not define agricultural irrigation, but for the purposes of reporting to the ISWS-IWIP Program, agricultural irrigation refers to field crops, typically sold wholesale, and grown for large-scale production. Nurseries, golf courses, and other types of commercial irrigation are considered commercial systems and should already be reporting to the IWIP program.

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### Irrigation Reporting Information

A high capacity well/intake is defined as a single point of withdrawal or a series of points that together pump, or are rated to pump, more than 70 gallons a minute (gpm). The Illinois Water Use Act states that irrigators can provide an actual number of gallons pumped, if using a flow meter, or estimate their water withdrawals using a method approved by the ISWS. The ISWS has identified two estimation methods that are simple and straightforward to use.

- The *acre-inches method* – Number of inches applied x acres x 27150 gallons per acre-inch
- The *rated GPM-hours method* – Number of hours ran x rated gallons per minute of system x 60min/hr.

A website has been set up for agricultural irrigation reporting under the IWIP Program webpage on the ISWS website, which includes this Handbook and additional helpful information:

<https://go.illinois.edu/IrrigationWaterUseReporting>

### What is Required

The IWIP Program catalogs water use data by source and location, meaning total water pumped from each well and/or intake. Locations of each withdrawal point are a critical part of the data being collected. A well registration form has been developed for irrigators to use in listing their wells and intakes. As the repository of all of the state's well logs, matching wells to their actual log is an important first step in the process. Irrigators are asked to provide an accurate location of each well and intake pumped during the year, along with the Irrigation Well Registration form so that accurate accounting can be maintained. A short tutorial is available on the IWIP Program webpage that demonstrates an easy method to determine GPS coordinates for each well and intake using Google Maps. You may also contact the ISWS for assistance in determining the locations.

The well location, total annual gallons pumped from each well or intake, and the acres irrigated are the minimum data required for reporting, along with contact information for the irrigator/owner. The forms available on our website and in this Handbook (see Appendix B) may be submitted by email or postal mail to the ISWS once the irrigation season is complete. In addition, these forms will serve as reference guides for those irrigators who choose to report online, which is now an available option (preferred). The forms are available as PDFs, and Excel files are also available to aid in calculating total gallons. Appendix C in this Handbook includes examples of completed forms that may be used as a guide. Submission of the ***IWIP Irrigation Well Registration Form*** is required in order to be registered in the IWIP Program for individual or aggregate reporting. Water withdrawal reports must be submitted annually, using either an ***IWIP Irrigation Reporting Form*** or through the online reporting tool. Note that the ISWS must first receive an irrigation well registration form to be able to accept any pumpage reports submitted. **The deadline to report annually is January 1<sup>st</sup> of the following year. For example, for reporting water use in 2020, the deadline to submit would be January 1<sup>st</sup>, 2021.**

### Registering for the IWIP Program

Mandated reporting of agricultural irrigation water use began at the end of the 2015 growing season. Irrigators/operators are required to register all irrigation wells and intakes in the IWIP Program. Each well and intake only needs to be registered once. When you submit a registration form, the ISWS will enter you in the

IWIP Program by assigning your farming business an IWIP Facility Number. A single irrigator/operator will have a separate Facility Number for each county they irrigate. This is because well records are based on county health department information. The ISWS will also assign each of your wells and intakes an ISWS Well ID #, if they do not already have one (the ISWS houses the water well logs filed with each county health department, over 500,000 wells total, so we may have the well log already with an ID). We sometimes find that there are some wells without a log or the information we have is inaccurate or incomplete, so please provide as much detail about your well as you can. If you add a new well or intake to your farming operation, you need to inform the ISWS so that we can update our records and provide you with the corresponding ISWS Well ID # to use when reporting water use. When the ISWS receives a new log for an irrigation well, we will send out a letter to the listed owner to remind them of the program and their reporting responsibilities. Please remember that collecting irrigation water use data is new for the ISWS as well, and while the program is being rolled out and implemented, the program may go through changes and modifications based on user feedback and comments, that will benefit you as a required reporter. Registering is a one-time thing, and once the ISWS has created a Facility Number(s) for a participant, which includes their wells and intakes by county, future reporting will only require submittal of annual water use, as well as adding any wells or intakes not previously identified as part of your operation.

### **Confidentiality Information**

Confidentiality issues have been raised, and in response, the ISWS has developed a statement that is included on the reporting form for an irrigator to sign that says they consider reported data to be confidential, proprietary, and privileged commercial information. Signing this statement, or acknowledging this statement in the online system, gives the ISWS leverage to protect individual information from outside data requests. The ISWS typically generates an annual summary of water use that reports withdrawal and use of water at either the county or township scale. The ISWS does not disclose individual data in those summaries, nor will they report at a county or township scale if doing so clearly provides individual information. The confidentiality clause can be seen on the ***IWIP Irrigation Reporting Form*** in Appendix B. Here is what you need to know regarding the confidentiality of your information:

**Agricultural Irrigation information is confidential to the extent permitted by law:** While the amount of water withdrawn by public wells and intakes is public information, the amount of water used for agricultural irrigation is not published by the ISWS. Agricultural irrigation data is published only in aggregate form, combining individual well or intake withdrawals to provide county or township totals. If the ISWS receives a request for disclosure of specific information under the Illinois Freedom of Information Act (FOIA) it may be legally required to release such information. However, agricultural irrigation data submitted to the ISWS under a claim that it is a trade secret, commercial or financial information that it is proprietary, privileged, or confidential may be able to be excluded from disclosure in response to a FOIA request. Such data must be clearly labeled as such at the time it is submitted to the ISWS. Additionally, the ISWS will not disclose personal information submitted in conjunction with agricultural irrigation data.

A signature line has been included on the IWIP Irrigation Reporting form to allow irrigators to indicate that their reported data is a trade secret, commercial or financial information that it is proprietary, privileged, or confidential.

### Aggregate Reporting

The Illinois Water Use Act states, “A person or land occupier that is responsible for a point of withdrawal that is classified as a high-capacity well or a high-capacity intake used for irrigation that lies within the boundaries of a water authority or other local government entity that estimates irrigation withdrawals through a method deemed acceptable by the Illinois State Water Survey is exempt from participating as an individual in the Illinois Water Inventory Program.” For any local government entity wishing to explore aggregated reporting, the ISWS will work with any local government entity on a case-by-case basis to develop a reporting procedure that meets the goals of the Water Use Act and the needs of the Illinois Water Inventory Program.

### IWIP Irrigation Well Registration Form

In order to be active in the IWIP Program, each operator/irrigator must submit an ***IWIP Irrigation Well Registration Form***, available in Appendix B of this Handbook and on our website. All wells and intakes in your farming operation must be listed and assigned an ISWS Well ID #, which you will need for reporting your annual water withdrawals. A copy of your Registration Form will be returned to you, listing all of your ISWS Well ID #s. The form on the website is a fillable pdf file, so it may be filled out electronically or printed out and completed by hand. Your local farm bureau or extension office may also have copies to give to you. Submit your completed forms to us by email or through postal mail (addresses are on the forms and website). The ***IWIP Irrigation Well Registration Form*** only needs to be completed once. However, if you add a new well or intake to your farming operation, you need to provide a registration form for that new well or intake and inform the ISWS so we can update our records and provide you with the corresponding ISWS Well ID #.

### Facility and Contact Information

***IWIP Facility Number/Name*** – Every irrigator will be assigned a “Facility Number”, representing your farming business. The first 3 digits of this number are the FIPS code identifying the county you operate in, where your wells and intakes are located (see Appendix D). A copy of your Registration Form will be returned to you with this information added. If you farm in multiple counties, you will have a separate facility ID for each, listing only those wells in that respective county.

***Operator/Irrigator Contact Information*** – Please use the name of the operator/irrigator who is the main contact for your farming operation. This will be the individual contacted if the ISWS has any questions. This is also the person who will receive a copy of the Well Registration Form, after it has been processed by the ISWS. In the Water Use Act, it specifically mentions that the well user, not necessarily the landowner, is to report water use.

***Landowner Contact Information*** – The ISWS is the statewide repository of well construction reports for every well drilled in Illinois. Knowing the name of the original and current landowner/s assists us as we search our records for your well logs. **Please use a separate well/intake registration form for each landowner, as applicable.**

***Total Number of Wells & Intakes*** – Please list the total number of wells and intakes you operate for that landowner. You may need to use several registration forms to list all of your wells. For example, if you irrigate with 9 wells that you own, and you also rent ground from someone else who has 9 wells that you use for irrigation, then you would end up with 4 sheets. Two sheets for the 9 wells you own (6 on the first page and 3 on the 2<sup>nd</sup>), and 2 sheets with the 9 wells for the owner of the ground you rent.)

### Individual Well Information

*Check Box* – Circle whether the withdrawal point is a well or intake.

*County/FIPS Code* – Provide the county name and/or county FIPS code for each well (see Appendix D).

*Local Name* – List the local/field name of each of your wells and intakes, or “Well 1”, “Well 2”, etc.

*ISWS Well ID #* – Please leave this blank if the ISWS has not yet assigned an ID # to your well or intake.

*GPS coordinates* – Please provide a latitude and longitude location for your well or intake. The short video tutorial on our website shows you how to easily determine your well or intake coordinates using Google Maps:

<https://go.illinois.edu/IrrigationWaterUseReporting>

[Please contact us if you need help in determining your well or intake coordinates.](#)

*Township Name; Tier, Range, and Section* – Provide the legal description of your well location. If you have the well log that the driller filed with the county, it has this information. (Ex. Corwin Township, Tier 24N, Range 05E, Section 12)

*Original well owner, well driller, well depth, and year drilled* – This is some of the basic information available on your well log. If the current landowner didn’t have the well drilled, the log will list the owner when the well was drilled. The ISWS is requesting this information for the sole purpose of matching this information to the well logs on file.

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## **IWIP Irrigation Reporting Form**

Annual submission of an ***IWIP Irrigation Reporting Form*** is a requirement of the IWIP Program. The Reporting Form, available in Appendix B of this Handbook and on our website, outlines all of the information you are required to provide. Even if you have not yet received ISWS Well ID #s for your wells and intakes, you may submit your report by referencing Local Names in the order you listed them on your well registration form. Submit your completed reports to us by email or through postal mail (addresses are on the forms and website). You have the option of reporting online through a dedicated web application, or by filling out the form and either mailing or emailing it in. The online tool is accessible through this link:

<https://iwip.isws.illinois.edu/iwip-irrigation.aspx>

**There is a tutorial on how to use the online tool at the end of this document.**

*Facility Number/Facility Name* – If the ISWS has not yet assigned you a Facility Number and Name, please leave this section blank. A copy of your Reporting Form will be returned to you with this information added. If you farm in more than one county, you will complete a separate form for each county.

*Contact Information* – Please use the name of the operator/irrigator who is the main contact for your farming operation. This will be the individual contacted if the ISWS has any questions. This is also the person who will receive a copy of the Reporting Form, after it has been processed by the ISWS.

*Confidentiality Statement* – Signing the Reporting Form, which acknowledges that your water withdrawal data is confidential, proprietary, and privileged commercial information, allows the ISWS to protect the information from public disclosure and public requests for information. Please indicate your agreement to the following by marking an “X” by the following statement: *“The water use data disclosed on this form is considered proprietary, privileged, or confidential commercial information by the entity providing the information.”* Please complete the signature line by typing or signing your name, and include the date.

*Local Name of Well or Intake* – List the local/field name of each of your well or intake, or “Well 1”, “Well 2”, etc.

*ISWS Well ID #* – If the ISWS has provided you with an ID # that corresponds to the local name of your well or intake, please enter this information. If you have not received an ID # yet, please leave this blank. A copy of your Reporting Form will be returned to you with this information added.

*Status* – In some cases, a well may be unused, sealed, abandoned, or used as an emergency supply. Please provide an update annually of the status of each of your wells. Every well should fit into one of these categories: In-Use, Sealed, Abandoned, Emergency, or Unused.

*Tier, Range, Section* – Provide the location data of each well or intake.

*Acres* – Provide the total acres irrigated by each well or intake, summing the acreage of all pivot systems served by this single groundwater withdrawal point.

*Calculation Method* – Please indicate whether the total gallons for each well and intake was determined by flow meter, acre-inches, or rated GPM-hours. Examples of each method are provided in this Handbook. Our website has data sheets for you to download that will assist you in determining total pumpage. It is not required that you submit these data sheets to the IWIP Program, but please keep



copies in case we need to clarify information.

*Annual Gallons* – Record the total gallons pumped that year from each well or intake. Include the grand total of gallons pumped by your farming operation in the last row of the table. Please see the sample reporting form in Appendix C to better understand what a completed form should look like.

*Comments* – Use this space for any additional information.

### **Examples of Estimating Pumpage**

The following sections show examples of how to report pumpage using a flowmeter and the two estimation methods to calculate total pumpage. Data sheets are included in Appendix B of this Handbook and are also available for download from our website. The completed forms in Appendix C serve as examples on how to fill out and use the data sheets.

Note that the data sheets include formulas for automatic calculations. If you choose to download the files from our website, please save a copy to your computer, and fill out your saved copy. Filling out an unsaved form may affect the format of the document. The data sheets are for your personal use and do not have to be submitted to IWIP. However, please keep copies of your data sheets in case we need to clarify information.

**EXAMPLE 1:** In this 3 center pivot irrigation system, each field has one crop, and each has a separate well. Example 1a assumes that each well has a flow meter that can directly provide total gallons. Example 1b uses the acre-inches estimation method. Example 1c uses the rated system flow rate in gallons per minute and total hours ran.

**Example 1: Three Fields, Each with Its Own Well**



**Example 1a: Direct Read Flow Meter Readings** (data sheet labeled “Example 1a” in Appendix C)

Well 1: 19,872,278 Total Gallons for Well 1

Well 2: 27,437,123 Total Gallons for Well 2

Well 3: 9,000,021 Total Gallons for Well 3

**Example 1b: Acre-Inches Estimation Method** (data sheet labeled “Example 1b” in Appendix C)

If each well irrigates a single field, estimate irrigation for each field by multiplying the inches applied to the field by the size of the field in acres (on form), and then multiply by a conversion factor (27150) to convert the value to gallons.

\_\_\_\_\_ Acre-Inches applied to field x 27150 = \_\_\_\_\_ Total Gallons to report

Field A: 750 Acre-Inches applied to field A x 27150 = 20,362,500 **Total Gallons for Well 1**

Field B: 1040 Acre-Inches applied to field B x 27150 = 28,236,000 **Total Gallons for Well 2**

Field C: 350 Acre-Inches applied to field C x 27150 = 9,502,500 **Total Gallons for Well 3**

**Example 1c: Design Flow Rate and Hours Ran Estimation Method** (data sheet labeled “Example 1c” in Appendix C)

If each well irrigates a single field, estimate irrigation for each field by multiplying your systems rating in gallons per minute (gpm) by the number of hours the system ran for the season, and then multiply by 60.

\_\_\_\_\_ rated gallons per minute x \_\_\_\_\_ hours x 60 minutes per hour = \_\_\_\_\_ Total Gallons to report

Field A: 750 rated gallons per minute x 500 hours x 60 minutes per hour = 22,500,000 **Total Gallons for Well 1**

Field B: 750 rated gallons per minute x 650 hours x 60 minutes per hour = 29,250,000 **Total Gallons for Well 2**

Field C: 450 rated gallons per minute x 360 hours x 60 minutes per hour = 9,720,000 **Total Gallons for Well 3**

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**EXAMPLE 2:** In this example, there are two wells for all three pivots. The completed reporting forms show how reporting changes based on each scenario. Similarly, if a single pivot is irrigating a field with two different crops that have different irrigation schedules, each crop should be treated as a separate field so that total pumpage can be accurately determined. The ISWS will assist any participant in completing these forms.

**Example 2: 3 fields, One Well for Two Large Pivots (Fields A and B),**  
**One Well for Small Pivot (Field C)**



**Example 2a: Flow Meter Readings** (data sheet labeled “Example 2a” in Appendix C)

Well 1: 47,309,401 **Total Gallons for Well 1** (assumes meter is for well and not each pivot)  
Well 3: 9,000,021 **Total Gallons for Well 3**

**Example 2b Acre-Inches Estimation Method** (data sheet labeled “Example 2b” in Appendix C)  
If a single well irrigates multiple fields, estimate irrigation for the well by multiplying the inches applied to each field by the size of the field in acres, and then multiply by a conversion factor (27150) to convert the value to gallons. Add together total gallons for each field to get total gallons used for that well.

Step 1: \_\_\_\_\_ Inches applied to field x \_\_\_\_\_ acres x 27150 = \_\_\_\_\_ Total Gallons for Field  
Step 2: Total gallons Field A + total gallons Field B+.... \_\_\_\_\_ Total Gallons for Well

Field A: 750 Acre-Inches applied to field A x 27150 = 20,362,500 Total Gallons for Field A  
Field B: 1040 Acre-Inches applied to field B x 27150 = 28,236,000 Total Gallons for Field B  
Add total gallons for Field A and B = 48,598,500 **Total Gallons for Well 1**

Field C: 350 Acre-Inches applied to field C x 27150 = 9,502,500 **Total Gallons for Well 3**

**Example 2c: Design Flow Rate and Hours Ran Estimation Method** (data sheet labeled “Example 2c” in Appendix C)  
If a single well is used to irrigate multiple fields, estimate irrigation for the well by multiplying the systems rating in gallons per minute (gpm) for each field by the total annual hours that system ran for the season, and then multiply by 60. Add together total gallons for each field to get total gallons used for that well.

Step 1: \_\_\_\_\_ rated gallons per minute x \_\_\_\_\_ hours x 60 minutes per hour = \_\_\_\_\_ Total Gallons for Field

Step 2: Total gallons Field A + total gallons Field B+.... = \_\_\_\_\_ Total Gallons for Well

Field A & B: 750 rated gallons per minute x 1150 hours x 60 minutes/hour = **51,750,000 Total Gallons for Well 1**

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## **Appendix A: (525 ILCS 45/) Water Use Act of 1983**

(Taken from the Illinois General Assembly website,

<http://www.ilga.gov/legislation/ilcs/ilcs3.asp?ActID=1743&ChapterID=44>)

525 ILCS 45/1) (from Ch. 5, par. 1601)

Sec. 1. This Act shall be known and may be cited as the "Water Use Act of 1983". (Source: P.A. 83-700.)

(525 ILCS 45/2) (from Ch. 5, par. 1602)

Sec. 2. Declaration of Policy. The General Assembly declares it to be in the public interest to better manage and conserve water, to establish a mechanism for restricting withdrawals of groundwater in emergencies, and to provide for public notice of planned substantial withdrawals of water after the effective date of this Act from new points of withdrawal before water is withdrawn. (Source: P.A. 85-483.)

(525 ILCS 45/3) (from Ch. 5, par. 1603)

Sec. 3. Purpose. The general purpose and intent of this Act is to establish a means of reviewing potential water conflicts before damage to any person is incurred and to establish a rule for mitigating water shortage conflicts by:

(a) Providing authority for County Soil and Water Conservation Districts to receive notice of incoming substantial users of water.

(b) Authorizing Soil and Water Conservation Districts to recommend restrictions on withdrawals of groundwater in emergencies.

(c) Establishing a "reasonable use" rule for groundwater withdrawals.

(Source: P.A. 96-222, eff. 1-1-10.)

(525 ILCS 45/4) (from Ch. 5, par. 1604)

Sec. 4. Definitions. As used in this Act, unless the context otherwise requires:

"Department" means the Illinois Department of Agriculture.

"District" or "Soil and Water Conservation District" means a public body, corporate and political, organized under the "Soil and Water Conservation Districts Act".

"Geological Survey" means the Illinois State Geological Survey.

"Groundwater" means underground water which occurs within the saturated zone and geologic materials where the fluid pressure in the pore space is equal to or greater than atmospheric pressure.

"High-capacity intake" means a surface water intake located on a parcel of property where the rate or capacity of water withdrawal of all intakes for the property is equal to or in excess

of 100,000 gallons during any 24-hour period.

"High-capacity well" means a well located on a parcel of property where the rate or capacity of water withdrawal of all wells on the property is equal to or in excess of 100,000 gallons during any 24-hour period.

"Land occupier" or "occupier of land" includes any individual, firm or corporation, other than the owner, who is in legal possession of any land in the State of Illinois whether as a lessee, renter, tenant or otherwise.

"Person" means any owner of land or the owners' designated agent including any individual, partnership, firm, association, joint venture, corporation, trust, estate, commission, board, public or private institution, unit of local government, school district, political subdivision of this state, state agency, any interstate body or any other legal entity.

"Point of withdrawal" means that point at which underground water is diverted by a person from its natural state.

"Public water supply" means all mains, pipes, and structures through which water is obtained and distributed to the public, including wells and well structures, intakes and cribs, pumping stations, treatment plants, reservoirs, storage tanks, and appurtenances, collectively or severally, actually used or intended for use for the purpose of furnishing water for drinking or general domestic use and which serve at least 15 service connections or which regularly serve at least 25 persons at least 60 days per year.

"Reasonable use" means the use of water to meet natural wants and a fair share for artificial wants. It does not include water used wastefully or maliciously.

"State" means the State of Illinois. "Surface water" means a pond, lake, reservoir, stream, creek, or river.

"Water authority" means a local governmental body established by referendum under the Water Authorities Act (70 ILCS 3715/).

"Water survey" means the Illinois State Water Survey.

(Source: P.A. 96-222, eff. 1-1-10.)

(525 ILCS 45/5) (from Ch. 5, par. 1605)

Sec. 5. Water Conflict Resolution. In the event that a land occupier or person proposes to develop a new point of withdrawal, and the new point is a high-capacity well, the land occupier or person shall notify the District before construction of the well begins. The District shall in turn notify other local units of government with water systems who may be impacted by the proposed withdrawal. The District shall then review with the assistance of the Illinois State Water Survey and the State Geological Survey the proposed point of withdrawal's effect upon other users of the water. The review shall be completed within 30 days of receipt of the notice. The findings of such reviews shall be made public. (Source: P.A. 96-222, eff. 1-1-10.)

(525 ILCS 45/5.1) (from Ch. 5, par. 1605.1)  
Sec. 5.1. Groundwater Emergency Restrictions.

(a) Each District within any county in Illinois through which the Iroquois River flows, and each District within any county in Illinois with a population in excess of 100,000 through which the Mackinaw River flows, is authorized to recommend to the Department of Agriculture restrictions on groundwater withdrawal as provided by this Section.

A land occupier or person who possesses land which contains an existing point of withdrawal that is a high-capacity well or is proposing a new point of withdrawal that is a high-capacity well shall register that point of withdrawal with the District and shall furnish such reasonable data in such form as may be required by the District.

(b) The District, with the assistance and approval of the Department of Agriculture, shall issue recommended guidelines for the construction of points of withdrawal and the type and setting of pumps for use in those points of withdrawal. Copies of the guidelines shall be made available from the District upon request.

(c) Within 2 working days after receiving a written complaint from a land occupier or a person whose point of withdrawal has failed to furnish its normal supply of water, the District shall schedule an on-site investigation. If the investigation discloses (1) that the point of withdrawal fails to furnish its normal supply of water, (2) that the failure is caused by a substantial lowering of the level of groundwater in the area, and (3) that the point of withdrawal and its equipment conform to the recommended guidelines of the District issued under subsection (b), the District may recommend to the Department of Agriculture that the Department restrict the quantity of water that a person may extract from any high-capacity well within the District's boundaries. The restriction shall be expressed in gallons of water, may apply to one or more points of withdrawal within the District, and may be broadened or narrowed as appropriate. The restrictions shall be lifted as soon as justified by changed conditions.

When a District determines that restriction of the withdrawal of water at a particular point within the District is necessary to preserve an adequate water supply for all residents in the District, the District may recommend to the Department of Agriculture that the Department restrict the quantity of water that may be extracted from any point of withdrawal within the District which is a high-capacity well. The Department shall review the District's recommendation and if it agrees with such recommendation shall restrict the withdrawal of water within the District in accordance with



subsection (c) and shall notify each land occupier or person who possesses land which contains a registered point of withdrawal affected by the restriction.

If the Department disagrees with the District's recommendation, it shall notify the District, the land occupier or the person who possesses land which contains a registered point of withdrawal affected by the recommendation and the complainant, giving the reason for the failure to affirm the recommendation. The Department may propose an alternate recommendation.

If the District, the respondent or the complainant disagrees with the decision of the Department, such person may request an administrative hearing to be conducted by the Department in accordance with the Illinois Administrative Procedure Act to show cause concerning its decision.

Final decisions of the Department pursuant to this Section may be appealed in accordance with the Administrative Review Law.

- (d) The Department is authorized to promulgate rules and regulations, including emergency rules, for the implementation of this amendatory Act of 1987. The Department may set the general policy for the Districts to follow in the administration of this Act.

(Source: P.A. 96-222, eff. 1-1-10.)

(525 ILCS 45/5.2) (from Ch. 5, par. 1605.2)

Sec. 5.2. Investigation and review - Entry upon land. Persons investigating a complaint or conducting a review on behalf of the Department or District of the impact of a proposed or existing well that is required to be registered may enter upon private property for the purpose of conducting an investigation and may review any records pertaining to pumping data. (Source: P.A. 85-1330.)

(525 ILCS 45/5.3)

Sec. 5.3. Water use reporting. Any person or land occupier that is responsible for a point of withdrawal classified as a high-capacity well, high-capacity intake, or public water supply shall participate in the Illinois State Water Survey's Illinois Water Inventory Program. However, high-capacity wells used for agricultural irrigation and high-capacity intakes used for agricultural irrigation are exempt from this Section for the first 5 years after the effective date of this amendatory Act of the 96th General Assembly. A person or land occupier that is responsible for a point of withdrawal classified as a high-capacity well or high-capacity intake used for irrigation for agriculture shall determine water use through estimation methods deemed acceptable by the Illinois State Water Survey. A person or land occupier that is responsible for a point of withdrawal that is classified as a high-capacity well or a high-capacity intake used for irrigation that lies within the boundaries of a water authority or other local government entity that estimates irrigation withdrawals through a method deemed acceptable by the Illinois State Water Survey is exempt from participating as an individual in the Illinois Water Inventory Program.

(Source: P.A. 96-222, eff. 1-1-10.)

(525 ILCS 45/6) (from Ch. 5, par. 1606)

Sec. 6. Reasonable Use. The rule of "reasonable use" shall apply to groundwater withdrawals in the State. (Source: P.A. 83-700.)

(525 ILCS 45/7) (from Ch. 5, par. 1607)

Sec. 7. Penalties. Any person who fails to register a point of withdrawal pursuant to subsection (a) of Section 5.1, or who fails to notify the District of a proposed new point of withdrawal pursuant to Section 5, or who fails to restrict withdrawals of water pursuant to subsection (b) of Section 5.1 shall be guilty of a petty offense. Any person who is convicted of a second or subsequent offense shall be guilty of a Class C misdemeanor. (Source: P.A. 85-483.)

## **Appendix B: Blank Forms for Irrigation Reporting**

**IWIP IRRIGATION WELL REGISTRATION**

**Operator/Irrigator Name:** \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone No: \_\_\_\_\_ Email: \_\_\_\_\_

**Landowner Name:** \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone No: \_\_\_\_\_ Email: \_\_\_\_\_

**Please list as much information about your wells/intakes as you know (use additional sheets as needed):**

**Total Number of Wells/Intakes:** \_\_\_\_\_

well	intake	well	intake	well	intake
County/Fips Code: _____		County/Fips Code: _____		County/Fips Code: _____	
Permit #: _____		Permit #: _____		Permit #: _____	
Local Name: _____		Local Name: _____		Local Name: _____	
ISWS Well ID # _____ (leave blank if unknown)		ISWS Well ID # _____ (leave blank if unknown)		ISWS Well ID # _____ (leave blank if unknown)	
<b>GPS COORDINATES:</b>		<b>GPS COORDINATES:</b>		<b>GPS COORDINATES:</b>	
Latitude _____		Latitude _____		Latitude _____	
Longitude _____		Longitude _____		Longitude _____	
Township Name: _____		Township Name: _____		Township Name: _____	
Tier _____ Range _____ Section _____		Tier _____ Range _____ Section _____		Tier _____ Range _____ Section _____	
original well owner: _____		original well owner: _____		original well owner: _____	
well driller: _____		well driller: _____		well driller: _____	
well depth: _____ year drilled: _____		well depth: _____ year drilled: _____		well depth: _____ year drilled: _____	

well	intake	well	intake	well	intake
County/Fips Code: _____		County/Fips Code: _____		County/Fips Code: _____	
Permit #: _____		Permit #: _____		Permit #: _____	
Local Name: _____		Local Name: _____		Local Name: _____	
ISWS Well ID # _____ (leave blank if unknown)		ISWS Well ID # _____ (leave blank if unknown)		ISWS Well ID # _____ (leave blank if unknown)	
<b>GPS COORDINATES:</b>		<b>GPS COORDINATES:</b>		<b>GPS COORDINATES:</b>	
Latitude _____		Latitude _____		Latitude _____	
Longitude _____		Longitude _____		Longitude _____	
Township Name: _____		Township Name: _____		Township Name: _____	
Tier _____ Range _____ Section _____		Tier _____ Range _____ Section _____		Tier _____ Range _____ Section _____	
original well owner: _____		original well owner: _____		original well owner: _____	
well driller: _____		well driller: _____		well driller: _____	
well depth: _____ year drilled: _____		well depth: _____ year drilled: _____		well depth: _____ year drilled: _____	

# Illinois Water Inventory Program Annual Irrigation Reporting Form

IWIP Facility Number: \_\_\_\_\_ IWIP Facility Name: \_\_\_\_\_  
(leave blank if unknown) (leave blank if unknown)

Operator/Irrigator Name: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Email: \_\_\_\_\_

**Instructions** - Please complete the form below, listing details for all of the wells/intakes that you operate. Be certain to include **ACRES** and **CALCULATION METHOD**; this information is required to process your form. For complete instructions and water use worksheets, go to <https://go.illinois.edu/IrrigationWaterUseReporting>  
**Questions?** Contact Alison Meanor, Irrigation Data Coordinator – 217-265-8634, [ameanor@illinois.edu](mailto:ameanor@illinois.edu)

**SUBMISSION DEADLINE: JANUARY 1st**

**Confidentiality Statement** - If the water use data you are providing to the Illinois Water Inventory Program is considered proprietary, privileged, or confidential commercial information, please indicate your agreement by marking an "X" next to the following statement:

\_\_\_\_ ***"The water use data disclosed on this form is considered proprietary, privileged, or confidential commercial information by the entity providing the information."***

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date

## AGRICULTURAL IRRIGATION WATER WITHDRAWALS FOR YEAR: \_\_\_\_\_

LOCAL NAME	ISWS WELL ID # (leave blank if unknown)	Status* (see below)	Tier/ Twp	Range	Sec	ACRES	CALCULATION METHOD** (see below)	ANNUAL GALLONS
TOTAL =								

**STATUS:** in-use, unused, sealed, abandoned, emergency    **\*\* CALCULATION METHOD:** flowmeter, acre-inches, or rated GPM-hrs

**COMMENTS:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ISWS Well ID Number

Facility Well Name/Local Well Name

**Flowmeter - Direct Readings  
of Gallons Pumped**

[illegible]

Questions? Contact the  
Illinois State Water Survey at  
healy19@illinois.edu or 217-  
244-9674



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\_\_\_\_\_

<b>Rated Gallons per Minute - Time Method</b>						
<b>Start Date</b>	<b>Field Name</b>	<b>Beginning Hour Meter Reading</b>	<b>Ending Hour Meter Reading</b>	<b>Total Hours Ran</b>	<b>Total Gallons - gpm x total hours x 60</b>	<b>Comments (changes/maintenance?)</b>
						<b>= Total Gallons</b>



## **Appendix C: Completed Example Forms**

**IWIP IRRIGATION WELL REGISTRATION**

Operator/Irrigator Name: John Irrigator

Address: 123 W. 200 N Rd City: San Pedro State: IL Zip: 69999

Phone No: (217) 999-9999 Email: irrigator@gmail.com

Landowner Name: same

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone No: \_\_\_\_\_ Email: \_\_\_\_\_

Please list as much information about your wells/intakes as you know (use additional sheets as needed):

Total Number of Wells/Intakes: 3

<input checked="" type="checkbox"/> well <input type="checkbox"/> intake	<input checked="" type="checkbox"/> well <input type="checkbox"/> intake	<input type="checkbox"/> well <input checked="" type="checkbox"/> intake
County/Fips Code: <u>125</u> Permit #: _____ Local Name: <u>HOME FARM WEST</u> ISWS Well ID #: _____ <small>(leave blank if unknown)</small> <b>GPS COORDINATES:</b> Latitude <u>40.314569</u> Longitude <u>-89.604670</u> Township Name: <u>Jonesboro</u> Tier <u>7N</u> Range <u>3W</u> Section <u>12</u> original well owner: <u>J. Irrigator</u> well driller: <u>Massive Drilling</u> well depth: <u>160'</u> year drilled: <u>1985</u>	County/Fips Code: <u>Mason/125</u> Permit #: _____ Local Name: <u>HOME FARM EAST</u> ISWS Well ID #: <u>458123</u> <small>(leave blank if unknown)</small> <b>GPS COORDINATES:</b> Latitude <u>40° 5' 16.6" N</u> Longitude <u>-89° 21' 21.4" W</u> Township Name: <u>Jonesboro</u> Tier <u>7N</u> Range <u>3W</u> Section <u>12</u> original well owner: <u>J. Irrigator</u> well driller: <u>Massive Drilling</u> well depth: <u>175'</u> year drilled: <u>?</u>	County/Fips Code: <u>Mason</u> Permit #: _____ Local Name: <u>intake</u> ISWS Well ID #: _____ <small>(leave blank if unknown)</small> <b>GPS COORDINATES:</b> Latitude <u>40.310929</u> Longitude <u>-89.609814</u> Township Name: <u>Jonesboro</u> Tier <u>7N</u> Range <u>3W</u> Section <u>12</u> original well owner: <u>J. Irrigator (Father)</u> well driller: <u>N/A</u> well depth: <u>N/A</u> year drilled: <u>N/A</u>

<input type="checkbox"/> well <input type="checkbox"/> intake	<input type="checkbox"/> well <input type="checkbox"/> intake	<input type="checkbox"/> well <input type="checkbox"/> intake
County/Fips Code: _____ Permit #: _____ Local Name: _____ ISWS Well ID #: _____ <small>(leave blank if unknown)</small> <b>GPS COORDINATES:</b> Latitude _____ Longitude _____ Township Name: _____ Tier _____ Range _____ Section _____ original well owner: _____ well driller: _____ well depth: _____ year drilled: _____	County/Fips Code: _____ Permit #: _____ Local Name: _____ ISWS Well ID #: _____ <small>(leave blank if unknown)</small> <b>GPS COORDINATES:</b> Latitude _____ Longitude _____ Township Name: _____ Tier _____ Range _____ Section _____ original well owner: _____ well driller: _____ well depth: _____ year drilled: _____	County/Fips Code: _____ Permit #: _____ Local Name: _____ ISWS Well ID #: _____ <small>(leave blank if unknown)</small> <b>GPS COORDINATES:</b> Latitude _____ Longitude _____ Township Name: _____ Tier _____ Range _____ Section _____ original well owner: _____ well driller: _____ well depth: _____ year drilled: _____



# Illinois Water Inventory Program Annual Irrigation Reporting Form

EXAMPLE REPORTING FORM

IWIP Facility Number: \_\_\_\_\_ IWIP Facility Name: \_\_\_\_\_  
(leave blank if unknown) (leave blank if unknown)

Operator/Irrigator Name: John Irrigator  
Address: 123 W. 200 N Rd City: San Pedro State: IL Zip: 69999  
Phone No.: (217) 999-9999 Email: irrigator@gmail.com

## Instructions

Please complete the form below, listing details for all of the wells/intakes that you operate. If reported withdrawal amounts are not in gallons, please specify units of measurement.

Be certain to include **ACRES** and **CALCULATION METHOD**; this information is required to process your form.

## Confidentiality Statement

If the water use data you are providing to the Illinois Water Inventory Program is considered proprietary, privileged, or confidential commercial information, please indicate your agreement by marking an "X" next to the following statement:

☒ "The water use data disclosed on this form is considered proprietary, privileged, or confidential commercial information by the entity providing the information."

John Irrigator 12/1/2018  
Name Date

## AGRICULTURAL IRRIGATION WATER WITHDRAWALS FOR YEAR: 2018

LOCAL NAME	ISWS WELL ID # (leave blank if unknown)	Status* (see below)	Tier/ Twp	Range	Sec	ACRES	CALCULATION METHOD** (see below)	ANNUAL GALLONS
HOME FARM WEST		in-use	7N	3W	12	150	flowmeter	19,872,278
HOME FARM EAST	458123	in-use	7N	3W	12	185	acre-inches	28,236,000
intake		in-use	7N	3W	12	160	rated GPM-hrs	9,720,000
TOTAL =								57,828,278

STATUS: in-use, unused, sealed, abandoned, emergency \*\* CALCULATION METHOD: flowmeter, acre-inches, or rated GPM-hrs

## COMMENTS:

intake feeds 2 irrigators for a total of 160 acres



Well 1

Well 3

Well 2



Operator/Irrigator Name or  
Facility ID

John Ingator

ISWS Well ID Number

2.

Acres Irrigated for Well

Facility Well Name/Local Well Name Well 7

[illegible]

State Water Survey at  
healy19@illinois.edu or  
217-244-9674





Total Gallons (final - initial)



# Example 1b. Acre-Inches Method

Operator/Irrigator John Irrigator ISWS Well ID Number ? (will be 6-digit #)  
 Name or Facility ID 125-Field A Facility Well Name/Local Well Name Well 1  
 Acres Irrigated for Well

Start Date	Inches Applied	End Date	Acres	Field Name	Acre-inches - acres x inches	Comments (changes/maintenance?)
May 12, 2015	1.0		125	Field A	125	
May 23, 2015	1.0		125	"	125	
June 10, 2015	1.0		125	"	125	
July 8, 2015	1.0		"	"	125	
July 18, 2015	1.0		"	"	125	
July 31, 2015	1.0		"	"	125	
Totals	6"			27150 X	750	= 20,362,500 Total Gallons for Well

Example 1b. Acre-Inches Method

Operator/Irrigator

Name or Facility ID

Acres Irrigated for

Well

John Irrigator

ISWS Well ID Number

Facility Well Name/Local Well

Name

130 w/o endogen

458/23

5

11/28

Start Date	Inches Applied	End Date	Acrees	Field Name	Acre-inches - acres x inches	Comments (changes/maintenance?)
May 10, 2015	7.0		130	Field B	130	
May 26, 2015	7.0		130	"	130	
June 8, 2015	7.0		130	"	130	
June 26, 2015	7.0		130	"	130	
July 12, 2015	7.0		130	"	130	
July 22, 2015	7.0		130	"	130	
Aug 4, 2015	7.0		130	"	130	
Aug 10, 2015	7.0		130	"	130	
Totals	8"			27150 X	1040	= 28,236,000 Total Gallons for Well

(and 2b for well 3)

John Irrigator  
35

Facility Well Name/Local Well

Name

Start Date	Inches Applied	End Date	Acreage	Field Name	Acre-inches - acres x inches	Comments (changes/maintenance?)
May 12, 2015	1.25		35	Field C	43.75	
May 23, 2015	1.25				43.75	
June 10, 2015	1.25				43.75	
July 1, 2015	1.25				43.75	
July 10, 2015	1.25				43.75	
July 26, 2015	1.25				43.75	
Aug 1, 2015	1.25				43.75	
Aug 8, 2015	1.25				43.75	
Totals	10"		27150 X		350	Total Gallons for Well = 9,502,500



# Example 2b. Acre-Inches Method

Operator/Irrigator  
Name or Facility ID  
Acres Irrigated for  
Well

John Irrigator  
Field A - 125 ac  
Field B - 130 ac

ISWS Well ID Number  
Facility Well Name/Local Well  
Name

?  
Well 1

Start Date	Inches Applied	End Date	Acres	Field Name	Acre-inches - acres x inches	Comments (changes/maintenance?)
May 10, 2015	1.0		130	Field B	130	
May 12, 2015	1.0		125	Field A	125	
May 23, 2015	1.0		125	Field A	125	
May 30, 2015	1.0		130	Field B	130	
June 8, 2015	1.0		130	Field B	130	
June 10, 2015	1.0		125	Field A	125	
June 26, 2015	1.0		130	Field B	130	
July 8, 2015	1.0		125	Field A	125	
July 12, 2015	1.0		130	Field B	130	
July 18, 2015	1.0		125	Field A	125	
July 22, 2015	1.0		130	Field B	130	
July 31, 2015	1.0		125	Field A	125	
Aug 1, 2015	1.0		130	Field B	130	
Aug 10, 2015	1.0		130	Field B	130	
Totals				27150 X	1790	= 48,598,500 Total Gallons for Well

Operator/Irrigator  
Name or Facility ID  
Acres Irrigated for  
Well  
System Rating gpm

John Irrigator  
125 ✓  
750

ISWS Well ID Number

Facility Well Name/Local

Well Name

Crop-type corn

## Rated Gallons per Minute - Time Method

[illegible]



Operator/Irrigator  
Name or Facility ID  
Acres Irrigated for  
Well  
System Rating gpm

John Irrigator

ISWS Well ID Number

Facility Well Name/Local Well Name

Well 2

field corn

System Rating gpm

Rated Gallons per Minute - Time Method						
Start Date	Field Name	Starting Time or Hour Meter Reading	Ending Time or Hour Meter Reading	Total Hours Ran	Total Gallons gpm x total hours x 60	Comments (changes/maintenance?)
May 10, 2015	Field B	hour meter on pivot	464.6			initial reading in April
May 30, 2015						
June 8, 2015						
June 26, 2015						
July 12, 2015						
July 23, 2015						
Aug 7, 2015						
Aug 10, 2015						
			1114.6			final hours
			<u>650</u>			
			650 X 750 X 60			
				650	29,250,000	= Total Gallons

(gms) x Hours

(and dc for well 3)

System Rating gpm

3

450

Facility Well Name/Local Well Name

11/13

Crop-type

## Rated Gallons per Minute - Time Method

[illegible]

Example 2C. Flow Rate (gpm) x Hours

Operator/Irrigator Name or Facility ID John Irrigator ISWS Well ID Number ?

Acres Irrigated for Well 125 \* 130 = 255 Facility Well Name/Local Well Name Well 1

System Rating gpm 750 gpm Crop-type

Rated Gallons per Minute - Time Method

Start Date	Field Name	Starting Time or Hour Meter Reading	Ending Time or Hour Meter Reading	Total Hours Ran	Total Gallons - gpm x total hours x 60	Comments (changes/maintenance?)
May 10, 2015	Field A+B	6046.0				hour meter on diesel motor
		7196.0		1150		
					51,750,000	= Total Gallons



## Appendix D: Illinois County FIPS Codes

### County Name FIPS Code

ADAMS	001				
ALEXANDER	003	JERSEY	083	SANGAMON	167
BOND	005	JO DAVIESS	085	SCHUYLER	169
BOONE	007	JOHNSON	087	SCOTT	171
BROWN	009	KANE	089	SHELBY	173
BUREAU	011	KANKAKEE	091	ST. CLAIR	163
CALHOUN	013	KENDALL	093	STARK	175
CARROLL	015	KNOX	095	STEPHENSON	177
CASS	017	LA SALLE	099	TAZEWELL	179
CHAMPAIGN	019	LAKE	097	UNION	181
CHRISTIAN	021	LAWRENCE	101	VERMILION	183
CLARK	023	LEE	103	WABASH	185
CLAY	025	LIVINGSTON	105	WARREN	187
CLINTON	027	LOGAN	107	WASHINGTON	189
COLES	029	MACON	115	WAYNE	191
COOK	031	MACOUPIN	117	WHITE	193
CRAWFORD	033	MADISON	119	WHITESIDE	195
CUMBERLAND	035	MARION	121	WILL	197
DE WITT	039	MARSHALL	123	WILLIAMSON	199
DEKALB	037	MASON	125	WINNEBAGO	201
DOUGLAS	041	MASSAC	127	WOODFORD	203
DUPAGE	043	MCDONOUGH	109		
EDGAR	045	MCHENRY	111		
EDWARDS	047	MCLEAN	113		
EFFINGHAM	049	MENARD	129		
FAYETTE	051	MERCER	131		
FORD	053	MONROE	133		
FRANKLIN	055	MONTGOMERY	135		
FULTON	057	MORGAN	137		
GALLATIN	059	MOULTRIE	139		
GREENE	061	OGLE	141		
GRUNDY	063	PEORIA	143		
HAMILTON	065	PERRY	145		
HANCOCK	067	PIATT	147		
HARDIN	069	PIKE	149		
HENDERSON	071	POPE	151		
HENRY	073	PULASKI	153		
IROQUOIS	075	PUTNAM	155		
JACKSON	077	RANDOLPH	157		
JASPER	079	RICHLAND	159		
JEFFERSON	081	ROCK ISLAND	161		
		SALINE	165		

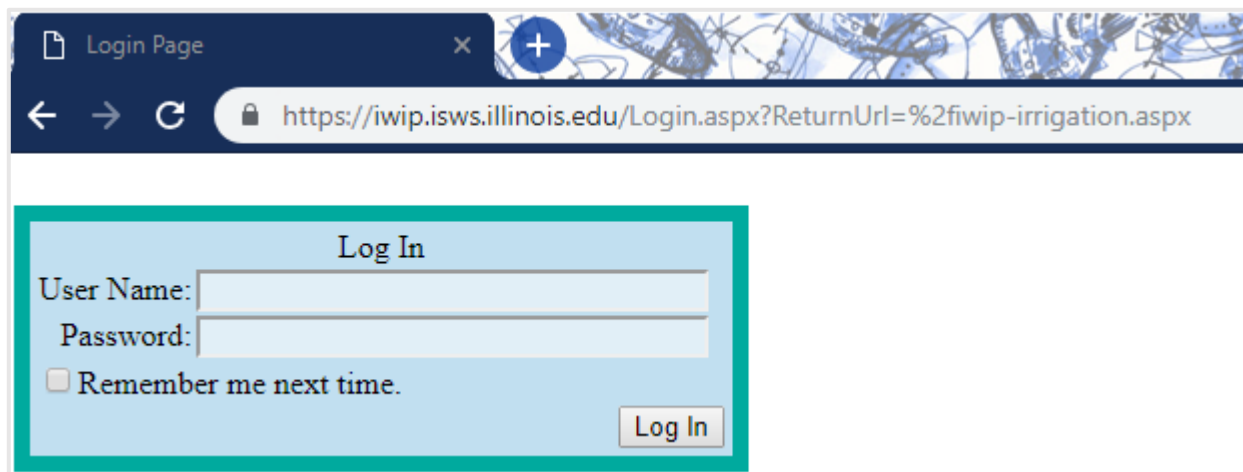
## **Appendix E: Online Reporting Instructions**

## - IWIP Irrigation Online Reporting Tool Instructions -

NOTE: Before beginning this process, please make sure you have your account information (username and password), as well as your **acres**, **calculation method** and **annual gallons** per well/intake that you will be reporting on. Without all these, your submission will not be accepted.

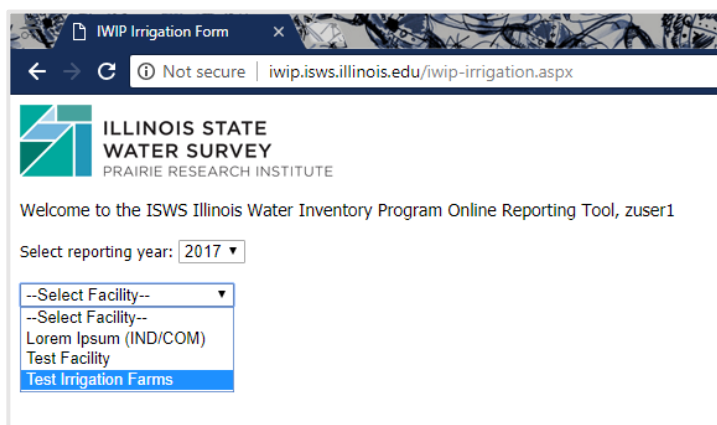
Instructions on how to report online:

1. Follow the link [here](#) to the log-in page once you've received your account information from Alison at the Water Survey. The log-in page will appear as follows:

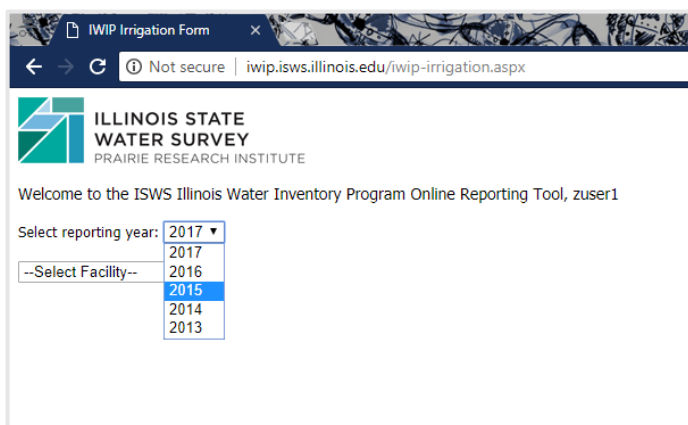


The screenshot shows a web browser window with the title "Login Page". The address bar displays the URL: <https://iwip.isws.illinois.edu/Login.aspx?ReturnUrl=%2fiwip-irrigation.aspx>. The main content area features a light blue box with the heading "Log In". Inside this box, there are two input fields: "User Name:" and "Password:". Below the password field is a checkbox labeled "Remember me next time." and a "Log In" button.

2. After logging in, the following page will appear:



The screenshot shows the main page of the IWIP Irrigation Online Reporting Tool. The browser window title is "IWIP Irrigation Form". The address bar shows the URL: <http://iwip.isws.illinois.edu/iwip-irrigation.aspx>. The page header includes the logo for the "ILLINOIS STATE WATER SURVEY PRAIRIE RESEARCH INSTITUTE". Below the header, a welcome message reads: "Welcome to the ISWS Illinois Water Inventory Program Online Reporting Tool, zuser1". A "Select reporting year:" dropdown menu is set to "2017". Below this is a "--Select Facility--" dropdown menu with a list of options: "Lorem Ipsum (IND/COM)", "Test Facility", and "Test Irrigation Farms".



The screenshot shows the main page of the IWIP Irrigation Online Reporting Tool, similar to the previous one. The browser window title is "IWIP Irrigation Form". The address bar shows the URL: <http://iwip.isws.illinois.edu/iwip-irrigation.aspx>. The page header includes the logo for the "ILLINOIS STATE WATER SURVEY PRAIRIE RESEARCH INSTITUTE". Below the header, a welcome message reads: "Welcome to the ISWS Illinois Water Inventory Program Online Reporting Tool, zuser1". A "Select reporting year:" dropdown menu is set to "2017". Below this is a "--Select Facility--" dropdown menu with a list of options: "Lorem Ipsum (IND/COM)", "Test Facility", and "Test Irrigation Farms".

Please select your facility from the drop-down menu, as well as the year which you wish to report for. You may only have one facility, but if you operate irrigation systems in more than one county, you should have a facility for each.

### 3. After selecting your facility/year, the reporting page will appear something similar to the following:

**ILLINOIS STATE WATER SURVEY**  
PRAIRIE RESEARCH INSTITUTE

Welcome to the ISWS Illinois Water Inventory Program Online Reporting Tool, zuser1

**Facility Name:** TEST-IRRIGATION FARMS **Facility ID:** 09979999 **Report Year:** 2017

**IWIP Irrigation Resources:** For details of the IWIP Irrigation Reporting Program, download the [Agricultural Irrigation Reporting Handbook](#). See the Appendices for printable copies of worksheets to assist you in calculating Acres-Inches, GPM-Hours (rated gallons per minute; time method), or documented Flowmeter readings. To download fillable worksheets, visit the [IWIP Irrigation webpage](#).

**Instructions:**

- If you **have not** used a well and/or surface water intake this year, please indicate "0" gallons on the corresponding line.
- If you **have** used a well and/or surface water intake this year, please indicate:
  - the acreage covered per well and/or surface water intake
  - the method used to calculate the annual gallons, as selected from the pull-down menu
  - the gallons pumped per well and/or surface water intake
- After all values have been entered, press the "Calculate Total Pumpage" button or the Enter key to calculate the total gallons used by your operation during this reporting year.

**NOTE:** When entering a value greater than zero in the Annual Gallons section, Acres and Method will become mandatory sections in order to complete this form.

If any of your well or intake data listed below is incorrect or needs to be changed, use the comment field to provide the details.

Please contact IWIP at phone number 217-333-0239 or email [isws-iwip@isws.illinois.edu](mailto:isws-iwip@isws.illinois.edu) if you have any questions.

**Confidentiality Statement** - If the water use data you are providing to the Illinois Water Inventory program is considered proprietary, privileged, or confidential commercial information, indicate this fact by checking the box below:

☐ Yes, the water use data disclosed on this form is considered proprietary, privileged, or confidential commercial information by the entity providing the information:

Pt.	ISWS ID	Type	Status	Local Name	Twn	Rng	Sec	Acres	Method	Annual Gallons	Comment/Note
1	491405	Well	In-Use	IRR WELL 1	36N	02E	99		Select One ▼		
3	487222	Intake	In-Use	INTAKE 1	33N	01E	99		Select One ▼		
										0	Calculate Total Pumpage

### 4. At this point, read the instructions provided on the reporting page. It's important to note that you should **review your data before hitting the 'Submit' button**. Once you hit 'Submit' you will not be able to edit your report.

5. After submitting, a “submission confirmation” email should arrive in your inbox. This email will include a summary of the data you have submitted, although it will not be formatted like the online form. Therefore, if you would like to view the data in its current form, selected the ‘Print/Save a Copy for your Record’ button.

**Confidentiality Statement** - If the water use data you are providing to the Illinois Water Inventory program is considered proprietary, privileged, or confidential commercial information, indicate this fact by checking the box below:  
☐ Yes, the water use data disclosed on this form is considered proprietary, privileged, or confidential commercial information by the entity providing the information:

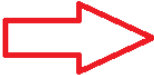
Pt.	ISWS ID	Type	Status	Local Name	Twn	Rng	Sec	Acres	Method	Annual Gallons	Comment/Note
1	491405	Well	In-Use	IRR WELL 1	36N	02E	99	140	Acre - Inches ▾	13,200,000	
3	487222	Intake	In-Use	INTAKE 1	33N	01E	99	140	Acre - Inches ▾	13,641,000	
										26,841,000	<a href="#">Calculate Total Pumpage</a>

Does your facility include any new or additional wells not listed above? ☐ Yes ☒ No


Please add any additional comments regarding new wells, changes in any existing wells, or any other relevant water usage information:

Test -JAM

**Your 2017 water usage data has been saved. Thank you for your participation in IWIP. - Submitted on 8/7/2018.**  
**Please close this browser window to exit.**

[Print A Copy For Your Records](#)[Enter New Irrigation Data](#)

IWIP Data Submission Confirmation - Facility ID - 09979999 ▾ Inbox x ISWS IWIP x

**isws-iwip@isws.illinois.edu**  
to grogers, ameanor, me, isws-iwip ▾

Your 2017 IWIP data has been submitted. Thank you zuser1 for participating in the IWIP program.

**ISWS ID:** 491405 - IRR WELL 1  
**Pumpage:** 13,200,000 (gl)  
**Acres:** 140  
**Est Method:** Acre - Inches  
**Comment:**

**ISWS ID:** 487222 - INTAKE 1  
**Pumpage:** 13,641,000 (gl)  
**Acres:** 140  
**Est Method:** Acre - Inches  
**Comment:**

**Additional Notes:** Test -JAM

**IRC#:**(10000001)

[↩ Reply](#)[↩ Reply all](#)[➡ Forward](#)

6. If you have multiple facilities to report on, select the 'Enter New Irrigation Data' button. You'll be taken back to the facility/year selection page, at which point simply select your next facility and repeat the above process.
7. If you have previous years of data to report for, feel free to select the 'Enter New Irrigation Data' button and again, repeat the above process, simply selecting the year you wish to report for.

If you have any questions or concerns, please contact IWIP staff either via email at [isws-iwip@isws.illinois.edu](mailto:isws-iwip@isws.illinois.edu) or call us at 217-333-0239.