ILLINOIS
Illinois State Water Survey
PRAIRIE RESEARCH INSTITUTE

Illinois State Water Survey

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Agricultural Irrigation Reporting Handbook

(Revised January 2019)

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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.

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.

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 routinely disclosed 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 2nd), 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.

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**

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**

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.

0If 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

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Illinois State Water Survey
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FOR ISWS TO COMPLETE

IWIP Facility Number: _____

IWIP Facility Name: _____

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)
GPS COORDINATES:	**GPS COORDINATES:**	**GPS COORDINATES:**
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)
GPS COORDINATES:	**GPS COORDINATES:**	**GPS COORDINATES:**
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: _____

Please email forms to: ISWS-IWIP@isws.illinois.edu
or mail to: Illinois State Water Survey, IWIP Program, 2204 Griffith Drive, Champaign, IL 61820

ILLINOIS
Illinois State Water Survey
PRAIRIE RESEARCH INSTITUTE

Illinois Water Inventory Program
Annual Irrigation Reporting Form

IWIP Facility Number: _____ *(leave blank if unknown)* **IWIP Facility Name:** _____ *(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. 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."***

_____ _____

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: _____

_____

_____

Please email forms to: ISWS-IWIP@isws.illinois.edu
or mail to: Illinois State Water Survey, IWIP Program, 2204 Griffith Drive, Champaign, IL 61820

Operator/Irrigator Name or Facility ID _____ ISWS Well ID Number _____

Acres Irrigated for Well _____ Facility Well Name/Local Well Name _____

Flowmeter - Direct Readings of Gallons Pumped

Date	Reading	Notes
		Initial Reading
		Final Reading for Year
		Total Gallons (final - initial)

If the meter is on the pivot, and the well supplies more than one field/pivot, then combine meter information to provide a total for the well on the reporting form.

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

Operator/Irrigator Name or Facility ID _____

Acres Irrigated for Well _____

ISWS Well ID Number _____

Facility Well Name/Local Well Name _____

Acres-Inches Method

Start Date	Inches Applied	End Date	Acres	Field Name	Acre-inches - acres x inches	Comments (changes/maintenance?)
Totals				**27150 X**		**= _____ Total Gallons for Well**

Operator/Irrigator Name or Facility ID _____

Acres Irrigated for Well _____

ISWS Well ID Number _____

Name/Local Well Name _____

System Rating gpm _____

Rated Gallons per Minute - Time Method

Start Date	Field Name	Beginning Hour Meter Reading	Ending Hour Meter Reading	Total Hours Ran	Total Gallons - gpm x total hours x 60	Comments (changes/maintenance?)
						= Total Gallons

Appendix C: Completed Example Forms

ILLINOIS
Illinois State Water Survey
PRAIRIE RESEARCH INSTITUTE

FOR ISWS TO COMPLETE
IWIP Facility Number: _____
IWIP Facility Name: _____

EXAMPLE REGISTRATION FORM

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

☒ well ☐ intake	☒ well ☐ intake	☐ well ☒ intake
County/Fips Code: 125	County/Fips Code: Mason/125	County/Fips Code: Mason
Permit #:	Permit #:	Permit #:
Local Name: HOME FARM WEST	Local Name: HOME FARM EAST	Local Name: intake
ISWS Well ID #: (leave blank if unknown)	ISWS Well ID #: 458123 (leave blank if unknown)	ISWS Well ID #: (leave blank if unknown)
GPS COORDINATES:	**GPS COORDINATES:**	**GPS COORDINATES:**
Latitude 40.314569	**Latitude** 40° 5' 16.6" N	**Latitude** 40.310929
Longitude -89.604670	**Longitude** -88° 21' 21.4" W	**Longitude** -89.609814
Township Name: Jonesboro	Township Name: Jonesboro	Township Name: Jonesboro
Tier 7N Range 3W Section 12	Tier 7N Range 3W Section 12	Tier 7N Range 3W Section 12
original well owner: J. Irrigator	original well owner: J. Irrigator	original well owner: J. Irrigator (Father)
well driller: Massive Drilling	well driller: Massive Drilling	well driller: N/A
well depth: 160' year drilled: 1985	well depth: 175' year drilled: ?	well depth: N/A year drilled: N/A

☐ 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)
GPS COORDINATES:	**GPS COORDINATES:**	**GPS COORDINATES:**
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: ___

Please email forms to: ISWS-IWIP@isws.illinois.edu
or mail to: Illinois State Water Survey, IWIP Program, 2204 Griffith Drive, Champaign, IL 61820

EXAMPLE REPORTING FORM

ILLINOIS
Illinois State Water Survey
PRAIRIE RESEARCH INSTITUTE

Illinois Water Inventory Program
Annual Irrigation Reporting Form

IWIP Facility Number: _____ (leave blank if unknown) **IWIP Facility Name:** _____ (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:

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

J. Irrigator — Name

12/1/2018 — 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

Please email forms to: ISWS-IWIP@isws.illinois.edu
or mail to: Illinois State Water Survey, IWIP Program, 2204 Griffith Drive, Champaign, IL 61820

N Co Rd 4
Well 1
Well 3
Well 2

Example 1a. Flowmeter

Operator/Irrigator Name or Facility ID: John Irrigator

ISWS Well ID Number: ?

Acres Irrigated for Well: 125

Facility Well Name/Local Well Name: Well 1

Date	Reading	Notes
April 12, 2015	96,265,206	Initial Reading
June 1,	102,513,694	2x in may
July 1,	106,034,932	1x in June
Aug 1	116,137,484	3x in July
Sept 30	116,137,484	Final Reading for Year
	19,872,278	Total Gallons (final - initial)

If the meter is on the pivot, and the well supplies more than one field/pivot, then combine meter information to provide a total for the well on the reporting form.

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

Example 1a. Flowmeter

Operator/Irrigator Name or Facility ID: John Irrigator

ISWS Well ID Number: 458123

Acres Irrigated for Well: 130

Facility Well Name/Local Well Name: well 2

Date	Reading	Notes
April 1 2015	0	Initial Reading
		new flowmerter
Sept 30, 2015	27,437,123	
		Final Reading for Year
	27,437,123	Total Gallons (final - initial)

If the meter is on the pivot, and the well supplies more than one field/pivot, then combine meter information to provide a total for the well on the reporting form.

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

Example 1a Flowmeter (and 2a for well 3)

Operator/Irrigator Name or Facility ID: John Irrigator

ISWS Well ID Number: _____

Acres Irrigated for Well: 35

Facility Well Name/Local Well Name: Well 3

Date	Reading	Notes
April 1, 2015	34,915,687	Initial Reading
June 1	36,998,112	
July 1	38,106,002	
Aug 1	41,442,616	
Sept 30	43,915,708	
		Final Reading
	9,000,021	Total Gallons (final - initial)

If the meter is on the pivot, and the well supplies more than one field/pivot, then combine meter information to provide a total for the well on the reporting form.

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

Example 2a. Flowmeter

Operator/Irrigator Name or Facility ID: John Irrigator

ISWS Well ID Number: ?

Acres Irrigated for Well: 255 (Field A 125 ac, Field B - 130 ac)

Facility Well Name/Local Well Name: Well 1

Flowmeter - Direct Readings of Gallons Pumped

Date	Reading	Notes
April 1 2015	138,334,906	Initial Reading
June 1, 2015	150,062,164	
July 1, 2015	157,397,778	
Aug 1 2015	174,884,357	
Sept 30, 2015	185,684,307	
		Final Reading for Year
	47,309,401	Total Gallons (final - initial)

If the meter is on the pivot, and the well supplies more than one field/pivot, then combine meter information to provide a total for the well on the reporting form.

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

Example 1b. Acre-Inches Method

Operator/Irrigator Name or Facility ID: John Irrigator

ISWS Well ID Number: ? (will be 6-digit #)

Acres Irrigated for Well: 125-Field A

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 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: John Irrigator

ISWS Well ID Number: 458123

Acres Irrigated for Well: 130 w/o endgun

Facility Well Name/Local Well Name: Well 2

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 30, 2015	1.0		130	"	130	
June 8, 2015	1.0		130	"	130	
June 26, 2015	1.0		130	"	130	
July 12, 2015	1.0		130	"	130	
July 22, 2015	1.0		130	"	130	
Aug 7, 2015	1.0		130	"	130	
Aug 10, 2015	1.0		130	"	130	
Totals	8"			27150 X	1040	= 28,236,000 Total Gallons for Well

Example 1b. Acre Inches Method

(and 2b for Well 3)

Operator/Irrigator Name or Facility ID: John Irrigator

Acres Irrigated for Well: 35

ISWS Well ID Number: ?

Facility Well Name/Local Well Name: Well 3

Start Date	Inches Applied	End Date	Acres	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 20, 2015	1.25				43.75	
Aug 1, 2015	1.25				43.75	
Aug 8, 2015	1.25				43.75	
Totals	10"			27150 X	350	= 9,502,500 Total Gallons for Well

Example 2b. Acre-Inches Method

Operator/Irrigator Name or Facility ID: John Irrigator

Acres Irrigated for Well: 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

Example 1C. Flow Rate (gpms) x hours

Operator/Irrigator Name or Facility ID: John Irrigator

Acres Irrigated for Well: 125

System Rating gpm: 750

ISWS Well ID Number: ?

Facility Well Name/Local Well Name: Well 1

Crop-type: corn

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 12, 2015	Field A	1642.0	1724.4	82.4	3,708,000	
May 23, 2015	"	1724.4	1810.6	86.2	3,879,000	
June 10, 2015	"	1810.6	1894.1	83.5	3,757,500	
July 8, 2015	"	1894.1	1975.7	81.6	3,672,000	
July 18, 2015	"	1975.7	2057.7	82.0	3,690,000	
July 31, 2015	"	2057.7	2142.0	84.3	3,793,500	
		2142				
		1642	500 x 750			
		500	x 60			
				500	20,362,500	= Total Gallons

Example 1c. Flow Rate (gpms) x Hours

Operator/Irrigator Name or Facility ID: John Irrigator

ISWS Well ID Number: 458123

Acres Irrigated for Well: 130

Facility Well Name/Local Well Name: Well 2

System Rating gpm: 750

Crop-type: ~~field~~ corn

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 22, 2015						
Aug 1, 2015						
Aug 10, 2015						
			1114.6			final hours
			650			
		650 x 750 x 60				
				650	29,250,000	= Total Gallons

Example 1c. Flow Rate (gpms) x Hours

(and 2c for well 3)

Operator/Irrigator Name or Facility ID: John Irrigator

ISWS Well ID Number: ?

Acres Irrigated for Well: 35

Facility Well Name/Local Well Name: well 3

System Rating gpm: 450

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 12	Field C	1060.8				
Sept 30			1420.8	360		
			360 X 450 X 60			
					9,720,000	
				360	[redacted]	= Total Gallons

Example 2c. Flow Rate (gpms) 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		
			1150 x 750 x 60			
					51,750,000	= Total Gallons

Appendix D: Illinois County FIPS Codes

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

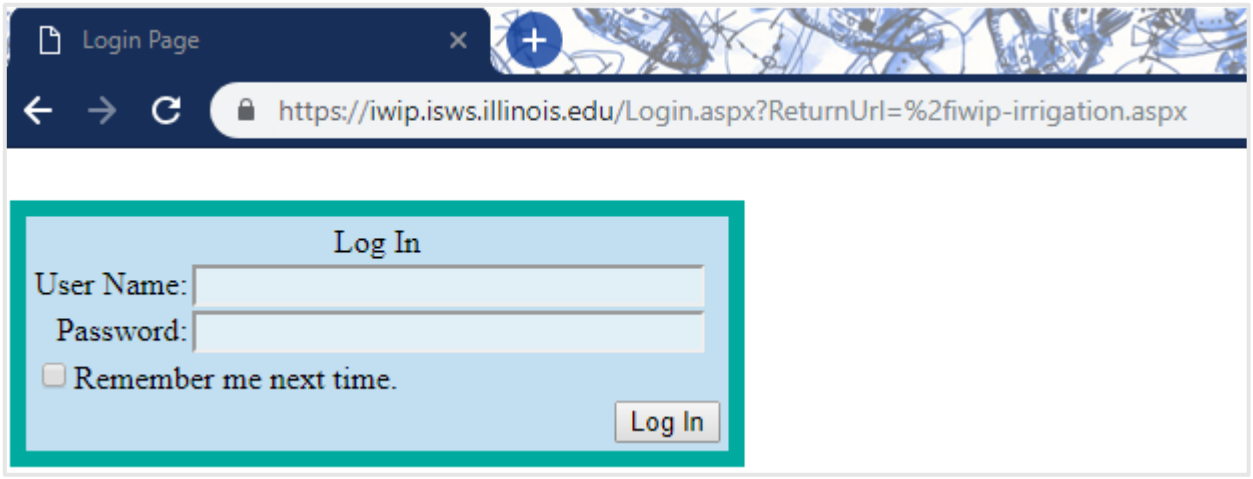
Appendix E: Online Reporting Instructions

- IWIP Irrigation Online Reporting Tool Instructions -

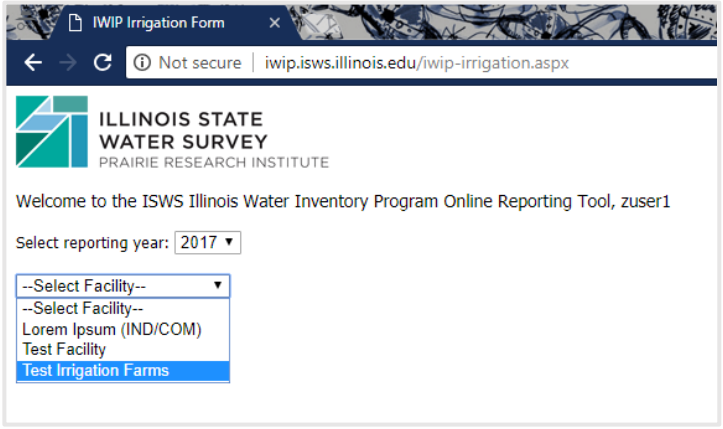
NOTE: Before beginning this process, please make sure you have your account information (username and password), as well as your **acres, calculation method and annual gallons** per well/intake that you will be reporting on. Without all these, your submission will not be accepted.

Instructions on how to report online:

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

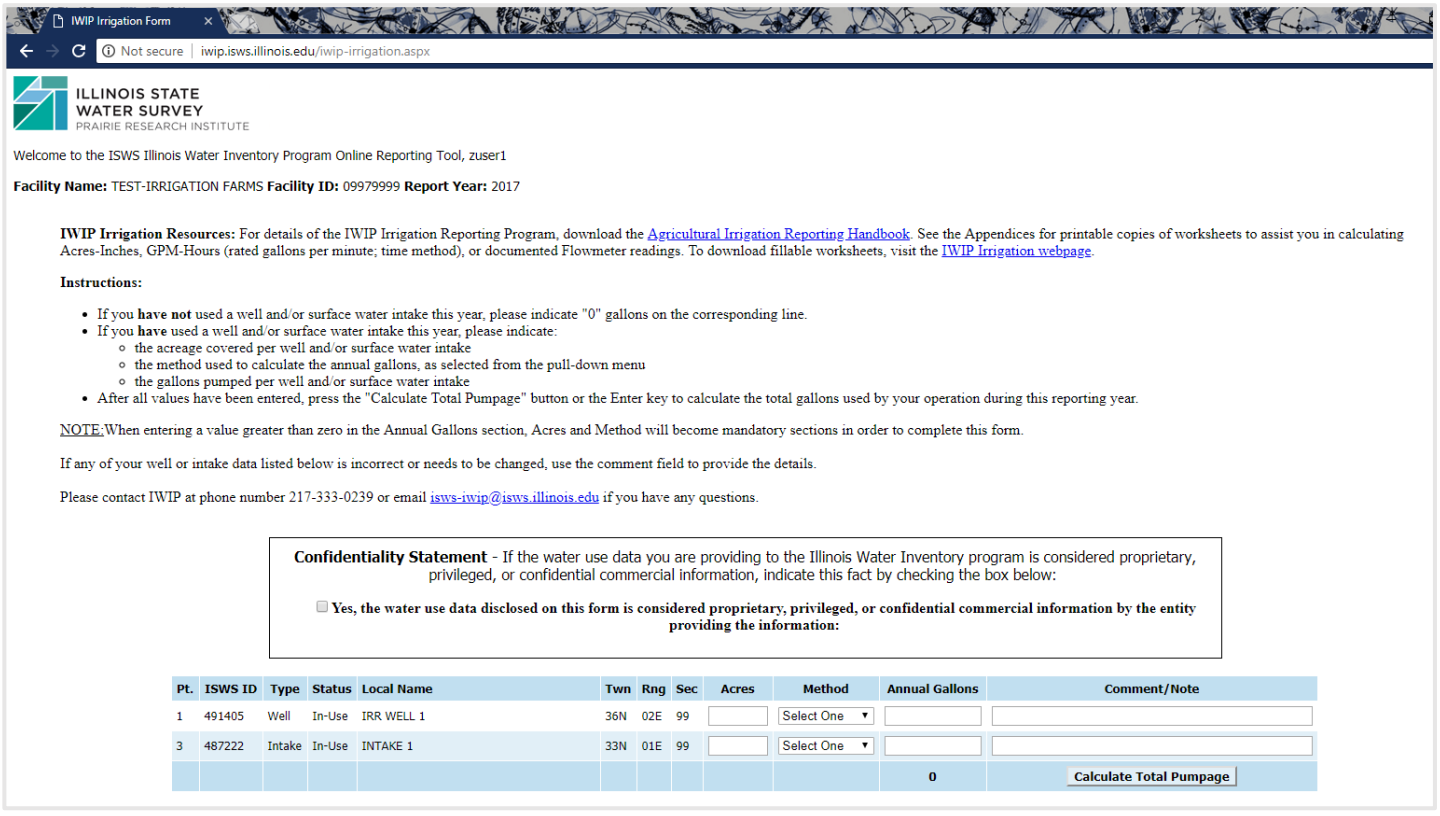


2. After logging in, the following page will appear:



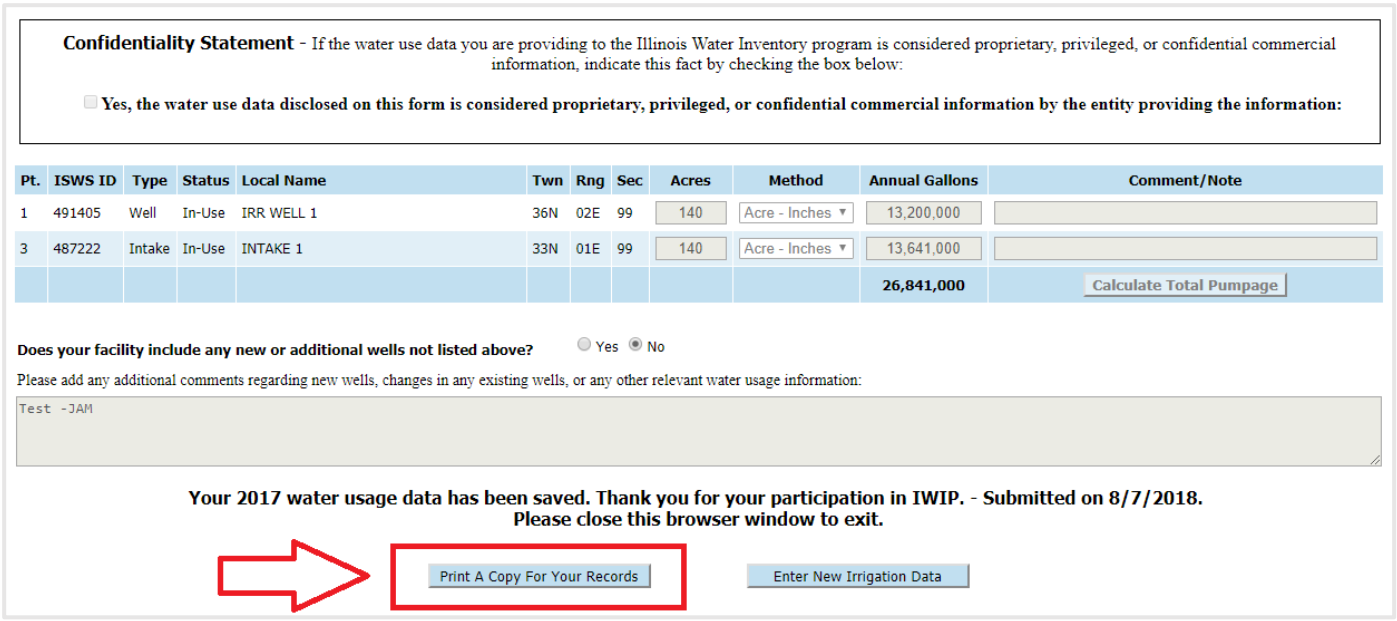
Please select your facility from the drop-down menu, as well as the year which you wish to report for. [The current reporting year is 2018.] You may only have one facility, but if you operate irrigation systems in more than one county, you should have a facility for each.

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



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	Calculate Total Pumpage

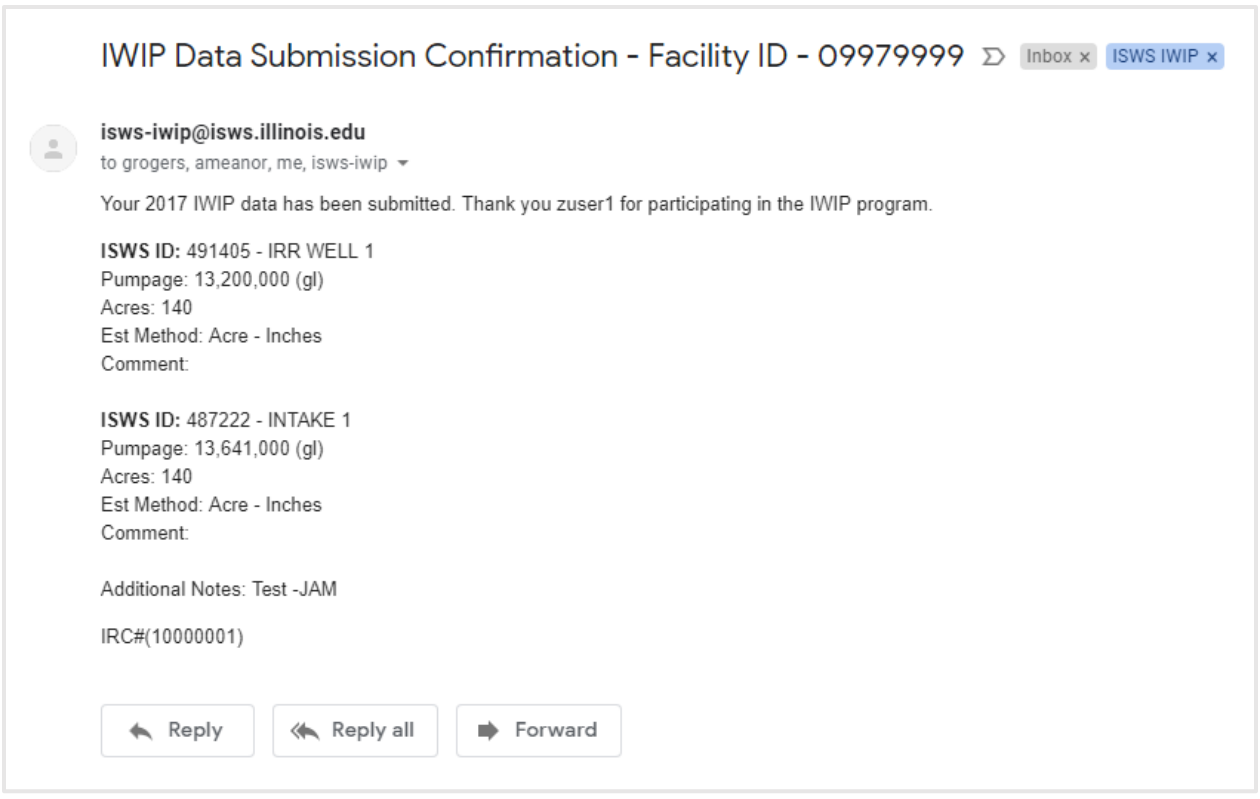
Does your facility include any new or additional wells not listed above? ○ Yes ◉ No

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 × ISWS IWIP ×

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 or call us at 217-333-0239.