

HONEY LAKE VALLEY
RESOURCE CONSERVATION DISTRICT

PUBLIC NOTICE

SPECIAL Meeting of the

WATER MASTER ADVISORY COMMITTEE (WAC)

AGENDA

Date: Thursday, February 8, 2018

Location: USDA Service Center, 170 Russell Avenue, Suite C, Susanville

Time: **5:30 PM**

NOTE: THE HONEY LAKE VALLEY RESOURCE CONSERVATION DISTRICT WAC MAY ADVISE ACTION ON ANY OF THE AGENDA ITEMS SHOWN BELOW.

NOTE: IF YOU NEED A DISABILITY-RELATED MODIFICATION OR ACCOMODATION, INCLUDING AUXILIARY AIDS OR SERVICES, TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT THE DISTRICT OFFICE AT THE TELEPHONE NUMBER AND ADDRESS LISTED BELOW PRIOR TO THE MEETING.

I. **CALL TO ORDER, PLEDGE OF ALLEGIANCE, ROLL CALL**

II. **APPROVAL OF AGENDA**

III. **PUBLIC COMMENT**

Per RCD Board Policy No. 5030.4.1, during this portion of the meeting any member of the public is permitted to make a brief statement, express his/her viewpoint, or ask a question regarding matters related to the District. **Five (5) minutes** may be allotted to each speaker and a maximum of twenty (20) minutes to each subject matter.

IV. **ITEMS FOR BOARD ACTION**

A. Approval of August 10, 2017 regular meeting minutes, October 12, 2017 regular meeting minutes and November 9, 2017 special meeting minutes (attachment).

V. **ITEMS FOR BOARD DISCUSSION AND/OR ACTION**

A. Annual Organizational Meeting – Election of WAC chairman and vice chairman-
Bartley

B. SRWSA Operations Manual and Mapping Initiative (attachment) – Otto

C. Reporting requirements and system improvements for 2018 - Langston

- D. Procedure for recording a water user's actual take vs. allocation- Langston
- E. Consider the idea of having a separate budget for each area of the system - Langston

VI. REPORTS

- A. Watermaster Report – Otto
- B. RCD Report – Langston

VII. COMMITTEE MEMBERS' COMMENTS

In accordance with Government Code Section 54954.2(a), committee members may make brief announcements or brief reports on their own activities. They may ask questions for clarification, make referral to staff or take action to have staff place a matter of business on a future agenda.

VIII. ADJOURNMENT

The next regularly scheduled Honey Lake Valley RCD WAC meeting will be Thursday, March 8, 2018 at 5:30 pm at the USDA Service Center, 170 Russell Avenue, Suite C, Susanville.

I certify that on February 2, 2018 I personally posted agendas as required by Government Code Section 54956 and any other applicable law.

Respectfully submitted,



Mitch Otto
Watermaster
Honey Lake Valley RCD

HONEY LAKE VALLEY
RESOURCE CONSERVATION DISTRICT

WATERMASTER ADVISORY COMMITTEE (WAC)
Regular Meeting Minutes

Date: Thursday, August 10, 2017

Location: USDA Service Center, 170 Russell Avenue, Suite C, Susanville

Present: Board: Daren Hagata Wayne Langston Mike Bartley
Andrew Bertotti Brad Hanson
Staff: Ian Sims (telephonically) Mitch Otto
Attendees: None

I. CALL TO ORDER, PLEDGE OF ALLEGIANCE, ROLL CALL

Meeting called to order by Board Chair Mike Bartley at 5:30 pm. The pledge of allegiance was recited and a quorum was noted. Board members Todd Swickard and Ramsey Wood were not present.

II. APPROVAL OF AGENDA

Board Member Brad Hanson made a motion to approve the agenda, Board Member Daren Hagata seconded and the motion passed. All.

III. PUBLIC COMMENT

None.

IV. ITEMS FOR BOARD ACTION

A. Approval of 7/13/17 regular meeting minutes.

Board Member Wayne Langston made a motion to approve the 7/13/17 minutes, Board Member Hagata seconded and the motion passed. All.

V. ITEMS FOR BOARD DISCUSSION AND/OR ACTION

A. Consideration and approval of the Conference of North State Watermaster Programs agenda – Sims/Otto.

1. Draft agenda of North State Watermaster Programs.

BC Bartley requested that approval of the draft agenda be postponed until the next WAC meeting.

B. Discussion of Lozano Smith legal opinion on third priority water rights – Sims/Otto.

1. Lozano Smith (Bill Curley) letter date 7/3/17.

The WAC had no further comments on the Lozano Smith letter.

C. Discussion of and response to RCD Vice-Chair Laurie Tippin's request for sponsorship of California Association of Resource Conservation Districts (CARCD) annual conference – Sims.

There were no responses or other comments regarding the request.

D. Consideration and approval for WAC meetings to be held bi-monthly – Sims.

District Manager Ian Sims suggested holding the WAC meetings on "odd months" (January, March, May, July, September and November). BM Hanson made a motion to approve holding the WAC meetings during "odd" months, BM Hagata seconded and the motion passed. All.

VI. REPORTS

A. Watermaster Report – Otto.

Watermaster Mitch Otto discussed measurement and compliance during the upcoming winter months.

B. RCD Report – Langston.

Board Member Langston presented the RCD report.

VII. COMMITTEE MEMBERS' COMMENTS

No comments from WAC board members.

VIII. ADJOURNMENT

BM Langston made a motion to adjourn the meeting, Board Member Andrew Bertotti seconded and the meeting was adjourned at 6:02 pm. All. The next regularly scheduled WAC meeting will be held Thursday, September 14, 2017 at the USDA Service Center, 170 Russell Avenue, Suite C, Susanville at 5:30 p.m.

Respectfully submitted,



Mitch Otto
Deputy Watermaster
Honey Lake Valley RCD

HONEY LAKE VALLEY
RESOURCE CONSERVATION DISTRICT
WATERMASTER ADVISORY COMMITTEE (WAC)
Regular Meeting Minutes

Date: Thursday, October 12, 2017

Location: USDA Service Center, 170 Russell Avenue, Suite C, Susanville

Present: Board: Daren Hagata Wayne Langston
Ramsey Wood Mike Bartley

Staff: Mitch Otto

Attendees: None

I. CALL TO ORDER, PLEDGE OF ALLEGIANCE, ROLL CALL

Meeting called to order by Board Chair Mike Bartley at 5:32 pm. The pledge of allegiance was recited and a quorum was noted. Board members Todd Swickard, Brad Hanson and Andrew Bertotti were not present.

II. APPROVAL OF AGENDA

Board Member Ramsey Wood made a motion to approve the agenda, Board Member Daren Hagata seconded and the motion passed. All.

III. PUBLIC COMMENT

None.

IV. ITEMS FOR BOARD ACTION

A. Approval of 8/10/17 regular meeting minutes.

Approval of the 8/10/17 minutes was tabled until next meeting.

V. ITEMS FOR BOARD DISCUSSION AND/OR ACTION

A. First reading of the DRAFT 2016/2017 Susan River Watermaster Service Area (SRWSA) Annual Use Report (attachment) – Otto.

BM Hagata made a motion to approve the DRAFT 2016/2017 Susan River Watermaster Service Area (SRWSA) Annual Use Report, Vice Chair Wood seconded and the motion passed. All.

VI. REPORTS

A. Watermaster Report – Otto.

Watermaster Mitch Otto discussed measurement and compliance during the upcoming winter months.

B. RCD Report – Langston.

Board Member Langston presented the RCD report.

VII. COMMITTEE MEMBERS' COMMENTS

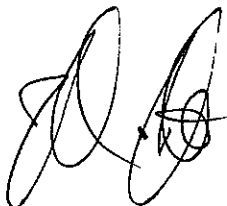
No comments from WAC board members.

VIII. ADJOURNMENT

BM Langston made a motion to adjourn the meeting, BM Hagata seconded and the meeting was adjourned at 6:02 pm. All. The next regularly scheduled WAC meeting will be held **Thursday, November 9, 2017** at the **USDA Service Center, 170 Russell Avenue, Suite C, Susanville** at **5:30 p.m.**

Respectfully submitted,

Mitch Otto
Deputy Watermaster
Honey Lake Valley RCD



HONEY LAKE VALLEY
RESOURCE CONSERVATION DISTRICT

WATERMASTER ADVISORY COMMITTEE (WAC)
Special Meeting Minutes

Date: Thursday, November 9, 2017

Location: USDA Service Center, 170 Russell Avenue, Suite C, Susanville

Present: Board: Daren Hagata Wayne Langston Mike Bartley
Andrew Bertotti

Staff: Ian Sims Mitch Otto

Attendees: None

I. CALL TO ORDER, PLEDGE OF ALLEGIANCE, ROLL CALL

Meeting called to order by Chairman Mike Bartley at 5:30 pm. The pledge of allegiance was recited and a quorum was noted. All board present with the exception of Board Members Brad Hanson, Todd Swickard and Ramsey Wood.

II. APPROVAL OF AGENDA

Board Member Daren Hagata made a motion to approve the agenda, Board Member Wayne Langston seconded and the motion passed. All.

III. PUBLIC COMMENT

None.

IV. ITEMS FOR BOARD ACTION

A. None.

V. ITEMS FOR BOARD DISCUSSION AND/OR ACTION

A. **Personnel - Certain personnel matters pursuant to the Government Code Section 54957 – Watermaster Mitch Otto Performance Review (attachment) – Sims.**

Board Members present each filled out an employee evaluation form for the Performance Review of Watermaster Mitch Otto. Board Members issued a positive review for the Watermaster.

VI. REPORTS

A. **Watermaster Report – Otto.**

Watermaster Mitch Otto discussed the projects that he would work on during the winter months (SRWSA Operations Manual and working with NST to possibly install measurement devices as well as creating new SRWSA maps).

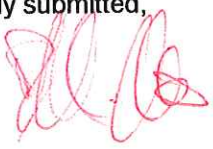
B. **RCD Report – Langston.**

Board Member Langston presented RCD report.

VII. COMMITTEE MEMBERS' COMMENTS

None.

Respectfully submitted,

A handwritten signature in red ink, appearing to be 'M. Otto', written over the typed name.

Mitch Otto
Deputy Watermaster
Honey Lake Valley RCD

wac meeting minutes 3-7-17

Water Rights Determination and Reapportionment

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DECREE

Every Watermaster Service Area has at its origin a controlling document; a Superior Court **Decree**, or in certain instances an Agreement. The **Decree** (or Agreement) contains the factual information pertaining to the water rights under Watermaster Service; it is the lawful document which will be used to settle legal questions involving water rights under Watermaster Service.

The majority of these **decrees** can be broken down into two distinct components; text (or paragraphs) and Schedules. Typically, the majority of water right information is contained in the schedules, however; some **decrees** use both the paragraphs and the schedules to completely describe water rights.

These controlling documents contain language describing water rights, decreed or adjudicated to various original landowners by name, including the description and location of their lands that contain decreed irrigated acreage. The description of irrigated acreage for any originally named owner may be found in Schedule I of most decrees. The absence of a named individual is evidence that the individual identified by name had no **decreed** water right.

The typical location description of irrigated lands found in Schedule I utilizes Section, Township, and Range descriptors. Often the section description describes a location down to the $\frac{1}{4}$, $\frac{1}{4}$ section (40 acres).

DECREE MAP

The **decree map** is a visual representation of information presented in the decree. **Decree maps** are drawn on the same Section, Township and Range coordinates found in Schedule I of the decrees, however they may or may not be drawn to the $\frac{1}{4}$, $\frac{1}{4}$ detail. With very few exceptions (N.F. Cottonwood Cr.) the **decree maps** will list the names of decreed owners which will often, but not always, agree with named individuals from schedule I of the decree.

If you are unable to locate an owner by name on the **decree map** you should scan the first few pages of the appropriate decree for language describing substitutions for named individuals. The **maps** are usually prepared prior to the completion of the adjudication, and occasionally a death or sale will have occurred in the interim.

Therefore, it's possible that a discrepancy between an individual named in the decree or the **map** may not be found in the supporting document.

The **maps** will also contain a legend useful in interpreting locations for specific decreed irrigation points and also decreed irrigated lands.

DWR TRACTS

Water rights described in various decrees are specific to named individuals. Each of these named individuals are described in schedule I of the typical decree.

DWR Tracts were established for each Watermaster Service Area by a DWR Order. Orders usually identified the lands within each Tract, that corresponded to a decreed water right holder. **DWR Tracts** are the area designations for tracking named individuals, their decreed irrigated lands and their associated decreed water rights. The original **Tract** numbering system assigned sequential numbers to individual water right owners, usually based on their locations on the stream system, with those owners furthest upstream often having the lowest number. The **Tract** numbers are unique; any one **Tract** number should be associated with only one decreed owner found in a decree. There are exceptions that are being corrected as Tracts are re-subdivided by DWR. A single **Tract** number (no **sub-tracts**) indicates that the originally decreed irrigated lands are under ownership by a single party. A whole **Tract** is composed of all the original decreed irrigated lands and the entire original decreed water right amount. A **Tract** can be composed of one or multiple assessor parcels.

The **Tract** numbering system can continue to be used in those instances where original **Tracts** of land have been subdivided and sold. If an originally decreed **Tract** of land containing decreed irrigated acreage is subdivided into multiple parcels and sold, each one of the newly numbered parcels containing decreed irrigated lands would be identified by the original **Tract** number with a dashed number appended. For instance, **Tract 25**, if subdivided (split) into two distinctly numbered parcels, **could be** renumbered **Tracts 25-1** and **25-2** since each of the two new **Tracts** has a distinct water right.

If an original parcel was split into one or more differently numbered parcels and ownership remained with the original owner then the need to re-number the **Tracts** and subdivide the water rights would be diminished compared to if one of the parcels was sold. If in the preceding example one of the subdivided parcels was sold to a new owner then a new "**sub-tract**" would need to be created which would require a reapportioned water right amount to be calculated. There are no limits to the number of **sub-tracts** that can be created. Each new sub-tract would be systematically renumbered by appending a "-1", "-2", "-3" etc. depending on the number of subdivisions to the parent **Tract** number.

If the original **Tract 99** now has 5 uniquely drawn assessor parcels (and owners) then the **Tract** numbering would identify that in the following manner. **Tract 99** becomes

Tract 99-1; 99-2; 99-3; 99-4; 99-5. It is possible that further subdivisions (splits) could occur producing 99-1-1 and 99-1-2 and 99-1-3. There is no theoretical end to the number of subdivisions possible. The numbering convention is that every succeeding subdivision uses the parent **Tract** number and has appended to it a -1, -2, -3, etc. depending on the number of subdivisions.

All reapportionments of water rights will be done for the whole **Tract** and whatever **subtracts** exist, to check past water right splits and ensure the water right sums to the decreed amount for the whole **Tract**. If a water rights reapportionment is necessary in a **Tract** which is composed of numerous **sub-tracts** then EVERY **sub-tract** must be reapportioned in order to confirm the (**Tract**) water right as accurate. When **Tracts** are completely re-subdivided to correct water rights errors, then all subdivisions will be redone at the first level, e.g., 99-1, 99-2, 99-xx.

ASSESSOR'S PARCEL MAPS AND RECORDS

Counties have standardized on the system of (Tax) **Assessor's Parcel Maps** with associated **Assessor's Parcel Records**. **A.P. Maps** describe ownership for the purposes of County Assessor's Offices, according to each County's Assessor's Book, Page, and Parcel.

A typical assessor's parcel number (APN) is described as follows:

APN = 027-270-016
"027" = Book 27
"270" = Page 27
"016" = Parcel 16.

Parcels are individual pieces of land with one (and rarely more than one) distinct owner, and each parcel has a unique **Assessor's Parcel Number (APN)**.

A.P. Maps show all of the parcels for a particular Book and Page. Parcels are drawn as carefully as possible by drafters or CAD operators in each County.

However, these maps are for the convenience of the Tax Collector and are not necessarily accurate in terms of parcel shape, parcel area, precise location, direction of boundary lines, and North orientation. For instance, all the parcels must fit contiguously on the map. When one parcel is poorly described in a legal description, the inaccuracy of that parcel will make some or all adjoining parcels inaccurate. Even so, **A.P. Maps** are the best available information for the Watermaster Service to determine ownership in decreed areas.

Parcels surveyed in the last few decades may be more accurately described in a Record of Survey, Parcel Map (not **A.P. Map**), Survey Map, or other record kept by the County Recorder's Office. Parcels that have no recorded survey may have various descriptions that are more or less accurate, yet do not enable the layman to easily locate the legal parcel on the ground. Typically, a survey is required for accurate

location of ownership, or to ensure that digital maps are accurate and precise. Use of these more accurate documents and surveys require far more time and money than is available to Watermasters or acceptable to water users.

A.P. Maps may have blank areas that are covered by other **A.P. Maps** covering smaller areas with smaller parcels. **Maps** typically have a scale of 1" = 200', 1" = 400', 1" = 800', etc. These scales become less accurate as the **map** is copied. **Maps** usually show what other maps are adjoining. Index maps show the relationship of **A.P. Maps** within part or all of a County.

Each **A.P. Map** has a unique **Record** (e.g. Property Detail in *Parcel Quest* online, <http://www.parcelquest.com/home.htm>). This describes the owner's name and address, parcel location, land use, structures, tax assessment, and other information. The **records** go with **maps** to describe ownership, and can be obtained from County Assessor's Offices as well as purchased from vendors.

Watermasters use *Parcel Quest* online to query **A.P. Maps** and **Records**. Queries may be made by full or partial **APN** and owner name. At the time of this writing, the User Name is **water128**, and the password is **14432** for access to www.parcelquest.com.

REAPPORTIONMENT OF WATER RIGHTS

Introduction

Watermasters apportion, regulate and bill for water rights from various Superior Court Decrees. Diversions and Irrigated Acreages maps (decree maps) usually accompany decrees. Further, DWR Tract Maps were developed from each decree, and show as Tracts ownerships that are identified in decrees. The decree maps may show the tract boundaries in bold, dashed lines. Tracts are not legal definitions unless they are identified in the decree. However, the original Watermaster used them to address whole ownerships and the corresponding water rights for all the decrees we administer, so, we continue to use tracts.

The following process is our standard method of water rights reapportionment. It is relatively inexpensive and provides reasonably high accuracy to determine how water rights should be subdivided. This method is defensible to the Superior Court Justices under whose authority we provide Watermaster Service.

Whenever water rights are reapportioned or subdivided, the Watermaster always starts by examining the paragraphs and/or schedules in the decree for a decreed owner. The water rights listed by ¼ ¼ Section in schedules, are checked against each ¼ ¼ Section on the decree map. Even water rights that were previously subdivided are redone starting with the decree and decree map. There may have been an error in a past subdivision, and by redoing all the subdivisions for a particular decreed owner, the Watermaster can be confident that the tract is currently subdivided correctly.

When Watermasters want to determine, verify, or reapportion water rights, we use A.P. Maps to determine present day ownership compared to original landowners in the decree. When reapportionment was performed by hand, the decree map was overlaid with a copied, scaled A.P. Map, so that boundaries, creeks, buildings, and other geographic references on the A.P. Map lined up as closely as possible with the same features on the underlying decree map. Then the boundaries of decreed irrigated acreage was traced on the scaled A.P. Map. A planimeter was used to measure the area in square inches of decreed irrigated acreage within each present-day land ownership parcel. The area of each present-day land ownership parcel was determined by multiplying the area in square inches by the increased or decreased, photocopied scale of the A.P. Map. Then the original water right for each subdivided tract was proportioned by the decreed irrigated acreage within each present-day parcel.

The minimum allowable water right for all water right reapportionments is 0.005 cfs. Lesser water rights were allowed in the past, however, this resulted in unusable water rights in the field. When decreed irrigated acreage is subdivided to an acreage that would result in a water right less than 0.005 cfs, that acreage is combined with other acreage in the Tract in one of two ways. The acreage will either be reapportioned among the Sub-Tract(s) with which it was simultaneously created, or distributed among adjacent Sub-Tracts. This acreage will not be considered a separate Sub-Tract, nor will it be assigned a water right that is added to the Control Cards or to the Field Schedules.

For example, if a subdivision of Tract 26 would result in:

Sub-Tract 26-1 with 0.283 cfs,
Sub-Tract 26-2 with 0.514 cfs, and
Sub-Tract 26-3 with 0.0032 cfs,

then Sub-Tract 26-3 will be dropped. In this case, Sub-Tract 26-1 would gain 0.001 cfs, and Sub-Tract 26-2 would gain 0.002 cfs:

Sub-Tract 26-1 = 0.283 cfs + 0.001 cfs = 0.284 cfs
Sub-Tract 26-2 = 0.514 cfs + 0.002 cfs = 0.516 cfs
Sub-Tract 26-3 = 0.000 cfs (right was redistributed)

CONTROL CARDS

Control Cards are summaries of water rights for each DWR Tract or subdivided Tract. They provide the owner name and address, and the water right to be billed for that tract or sub-tract. **Cards** are used to update the Watermaster Billing that is sent to County Tax Assessors and to users under Direct Billing on or before June 15 of each year. (Billing was previously sent out by August 10 of each year.)

Control Cards are headed by the Watermaster Service Area and have the date the **Tract Database** was updated in the upper right-hand corner and is a "header" function of the word application. All of the information is important and must be updated at least

annually, usually in late July or early August before annual billing is started. The Tract No. is the DWR Tract number and is not an official part of the decree. If it is a dashed number, it represents a tract split because of a parcel split or lot line adjustment. The Tax Code is maintained by the County.

There may be one or more Parcel Numbers, which are Assessor's Parcel Numbers. If there is no Parcel Number, it is usually because the property is owned by a municipality or the State or federal government. County Assessor's Offices often do not assign APNs to these parcels because they do not generate taxes for the County. In this case, the parcel will be under Direct Billing and will be sent a bill by DWR. Sometimes land has a parcel number and is billed directly. If an APN exists, include it for reference. A tract or sub-tract may have several APNs. This only occurs if there are two or more contiguous parcels with the same owner. If one of the parcels sells, then a new subtract will be assigned and a new **control card** created.

The Billing CFS is the water right or subdivided water right, in cubic feet per second, which the water right holder is billed, calculated to three (3) places to the right of the decimal point. This may include water rights of several priorities. The Watermaster verifies that the field schedule matches the **control card**. The hierarchy of controlling documents are: 1) Decree; 2) **Control Card**; 3) Field Schedule.

NAME includes first and last name of the land parcel owner, according the County, in the first line. The following lines are the mailing address listed by the County.

The Decreed Name, County and Creek come from the decree and do not change.

FIELD SCHEDULES

Field schedules are summaries of all of the water rights from the original court decree (or agreement) for every current water right owner. This summary is a "portable" record of water right amounts legally recognized in the decree and that are available for distribution at the 100% availability level. The field schedule is an Excel spreadsheet which in addition to organizing uniquely owned water rights, also has the functionality to perform various calculations.

Each **field schedule** consists of numerous rows of information separated into columns. At the base of the column showing calculated water right amounts is a sum total of all of the water rights. Every column showing a priority class of water rights will have a summed total at the bottom of that column. If there is more than one priority class there will also be, in addition to the sum for that priority class, a running total of water rights which includes the total of the preceding class added to the next succeeding priority class. The summed total water rights shown on the field schedules must accurately agree with the total from the decree. This is essential for both the individual priority class and the total of all water right classes under decree.

Water rights are shown to two (2) places after the decimal point (hundredths of a cfs).

This provides more accuracy than can be measured by field practices, as well as reducing the potential for misreading a number.

The summed total water rights will remain the same from year to year unless there is a valid reason for them to change. Such reasons may include a water user working with the Superior Court to amend the decree for more or less water rights (including abandonment), or a **field schedule** being found in error in representing the water rights in the decree. If the summed total changes, it may be necessary to temporarily format the cells to three or four decimal places to reduce displayed rounding effects in the spreadsheet.

Each **field schedule** has centered at the top a title which identifies the **field schedule** by river/creek name. Underneath the title (in parenthesis) is listed the decree number and schedule as references to authenticate the information shown on the **field schedule**. In the upper right-hand corner of the spreadsheet in one cell should be the name of the creek/river, below that the page number (if multiple pages), below that your initials with the date when the **field schedule** was last updated.

Typical column headings are DWR Tract; Present Owner; Decreed Owner; Diversion Number and Name; Water Right Amount.

Each water right on the **field schedule** is identified by a unique DWR Tract number. A Tract number is unique and is associated with only one original decreed water right owner; the Tract numbers for each original decreed owner have already been established. Example: original decreed owners; McClellan (Tract 99); Mapes (Tract 109); and Fleming (Tract 111). Similar Tract numbers are currently used as identifiers on existing field schedules and control cards, they will continue to be used indefinitely. "Sub-tracts" are those originally decreed Tracts that have been subdivided (split) by title transfer or that have been re-paged by the county assessor.

Example: The original Tract 99 could have been subdivided (split) multiple times and would have multiple assessor parcel numbers which would describe a number of uniquely owned parcels. Each of the parcels containing any portion of the originally decreed lands will have a unique Tract or sub-tract number (ex: 99-1 or 99-1-1).

If there are subdivisions of any Tract into multiple sub-tracts, there should be a subtotal for the sub-tract at the bottom of that column for that sub-tract. Remember when summing the total water rights for a column of decreed water rights at the bottom of the **field schedule** that the intermediate subtotals must not be included in the final summation. Occasionally there will be additional information from the decree that does not fit a spreadsheet format. In these instances, a footnote number (**1/**, **2/**, **3/**) should be added where appropriate. A corresponding text note sufficient to explain additional information should be placed at the end of the **field schedule** with the associated footnote number.

SUSAN RIVER DECREE #4573

McCoy Flat Reservoir

- Measure the inflow of the Susan River into McCoy Flat Reservoir.
- Measure the inflow of Bridge Creek into McCoy Flat Reservoir (passing under 44 into McCoy).
- Measure No-name Stream (passing under 44 into McCoy).
- Make sure that the outflow of McCoy equals the inflow from Susan River and Bridge Creek plus the amount that Lassen Irrigation Company (LIC) is releasing.

Hog Flat Reservoir

- Check the outflow of Hog Flat Reservoir. There is no direct stream feeding Hog Flat therefore no place to measure inflow.

Upper Susan River

Use the California Data Exchange Center's (CDEC) website (http://cdec.water.ca.gov/cgi-progs/getAll?sens_num=20) to see the flow of the Susan River. If Lassen Irrigation Company (LIC) is releasing water from McCoy Flat or Hog Flat Reservoirs, then subtract that flow from the Susan River flow on CDEC to determine the amount of water available for diversion on the Upper Susan River (minus 10% for total water losses).

- Measure the Ramsey Ditch (Located at Hobo Camp).
- Measure the flow of the Old Channel via the Jensen Diversion on Johnstonville Rd.
- Measure Mallery's Pump (Off of Johnstonville Rd. on the North side of the Susan River).
- Measure the A B Canal Dam. Make sure any LIC water being sent down the river from McCoy or Hog Flat is being sent down the A B Canal to Leavitt Lake.
- Measure Hitching's Pumps 1 and 2.
- Measure Dow's Pump.
- Measure Barham Diversions, North and South.
- Measure Diversion 51. Measuring parshall located downstream ~ 1000 ft.
- Toscani Dam marks the end of the Upper Susan River.

Willow Creek

-

Lower Susan River

Colony Dam (The confluence of Willow Creek and the Susan River) marks the beginning of the Lower Susan River. Colony Dam flows can be accessed via the CDEC website (http://cdec.water.ca.gov/cgi-progs/getAll?sens_num=20). The combined flows of the Susan River and Willow Creek determine the available water for diversion (minus 10% for total water losses).

- Check the Charpontier Dam before irrigation season begins. Both bays in the dam should be boarded up to the top.
- Measure the Mahle Diversion off of Lambert Ln.
- Measure the Turkey Town dam to make sure it is not boarded up too high.
- Measure McClellan's' 1-4 and the Mapes Dam. Will need to park the truck and trailer on McClelland Ln. and take the side-by-side back to check all of these. Each dam has a diversion headgate located immediately.
- Measure the DeWitt diversion.
- Measure the Brubeck Dam. Can measure here to know if the Department of Fish and Game (DFG) is getting their decreed flow.

Gold Run Creek

Lassen Creek

BAXTER CREEK DECREE #8174

Baxter Creek

- Measure diversion #5 and make sure that the cfs exiting the reservoir equals the amount entering.
- Measure diversion #6 on Fish and Game property.
- Measure diversion #8, #12, #14, #15 and #16 if being used (Jesse Claypool).
- Make sure that the Deep Cut dam is in place before irrigation season.
- Measure diversion #75 and the rest of the diversions down through #83 if water makes it down stream that far.

Sloss Creek

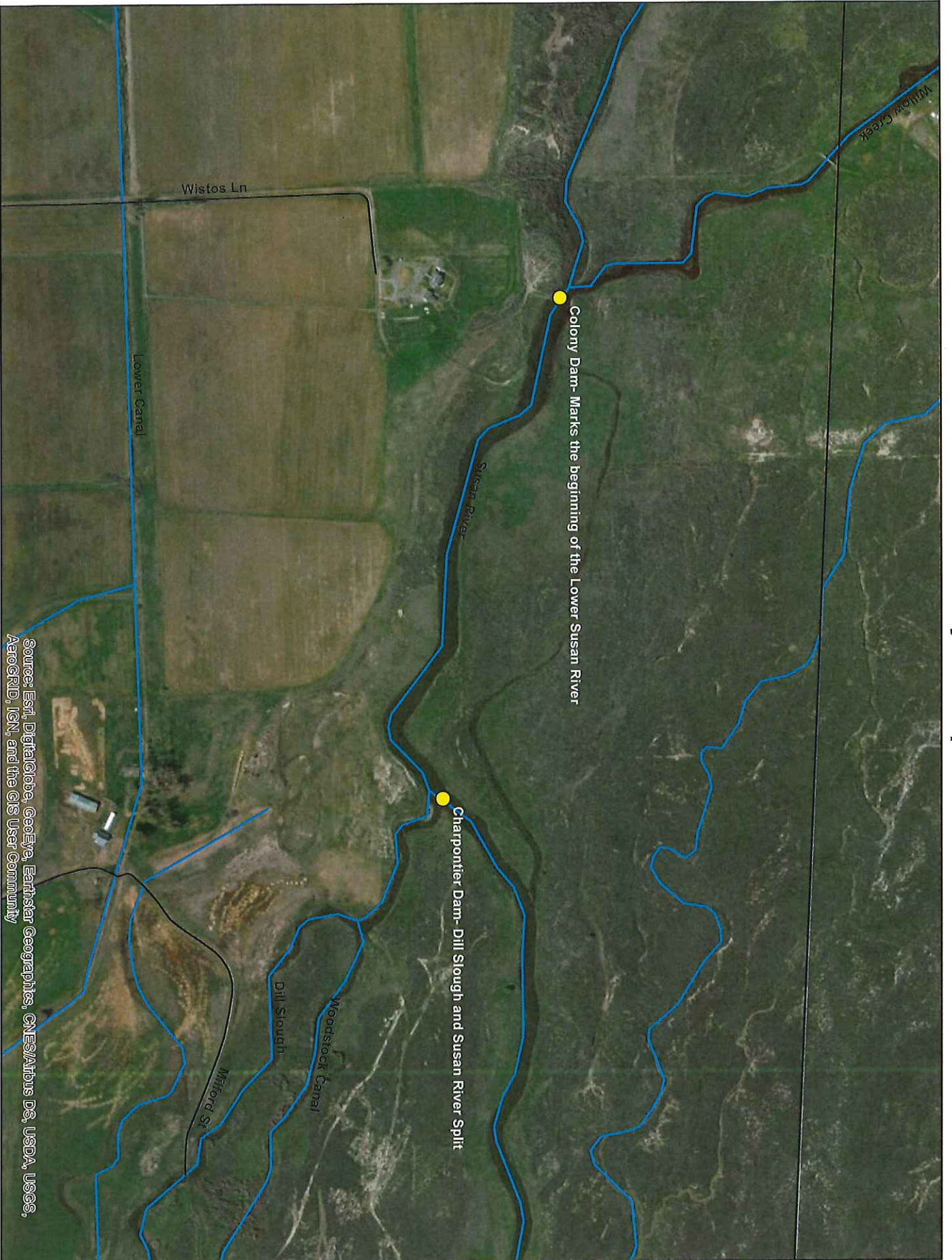
- The only diverter on Sloss Creek is Dave Schroeder at diversion # 46

Bankhead Creek

Elysian Creek

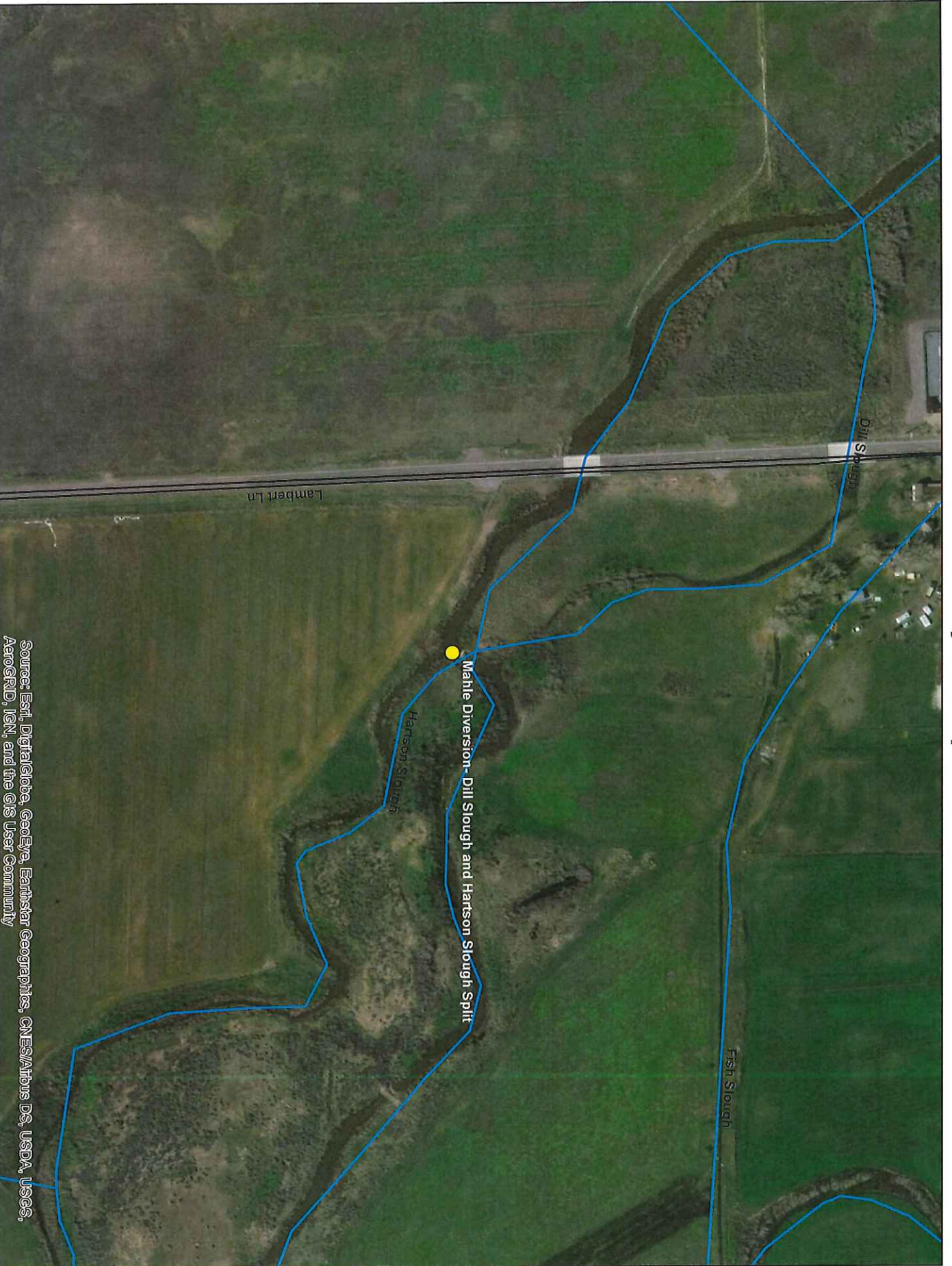
PARKER CREEK DECREE #8175

SRWSA Daily Checkpoints



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SRWSA Daily Checkpoints



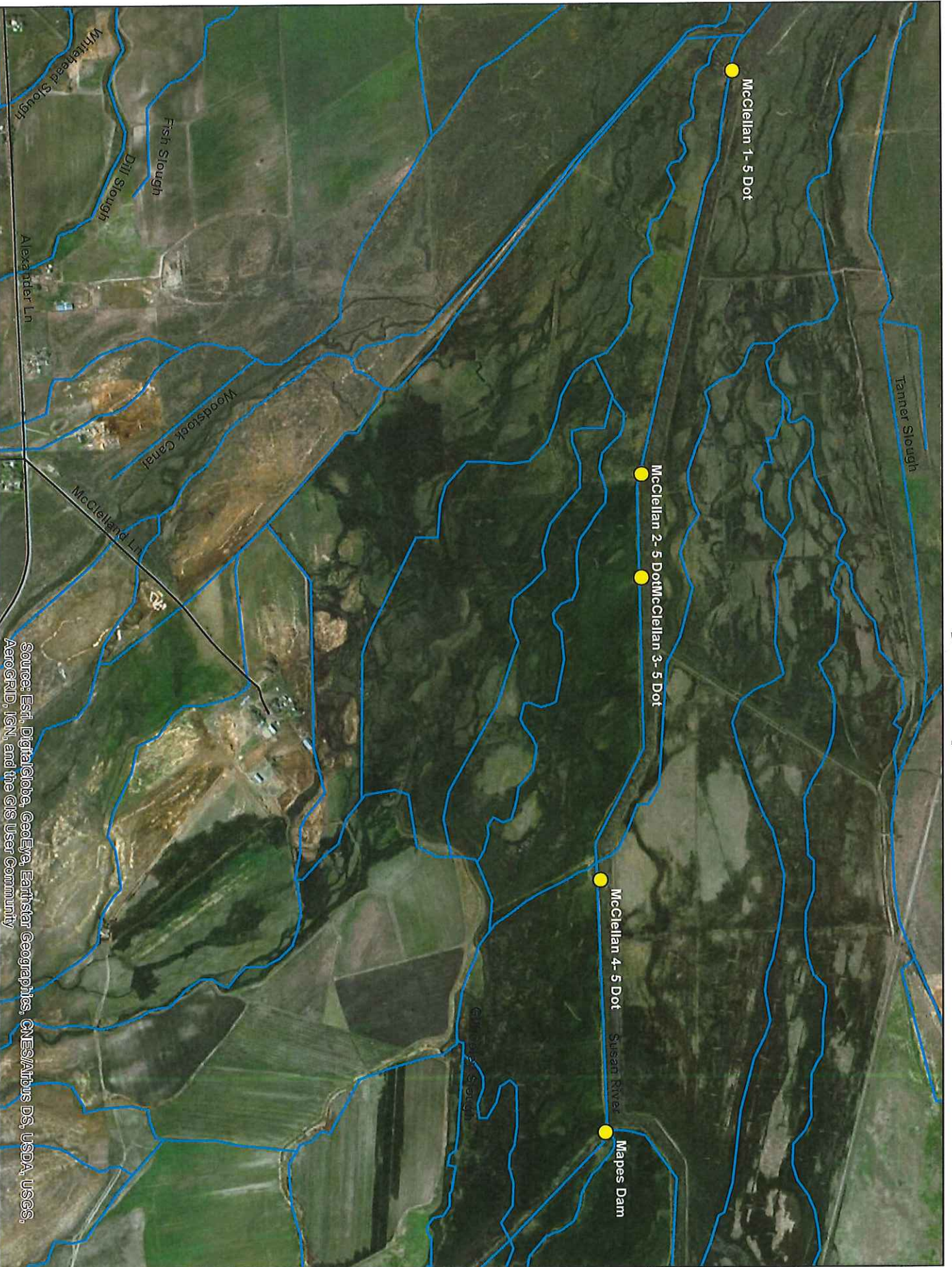
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SRWSA Daily Checkpoints



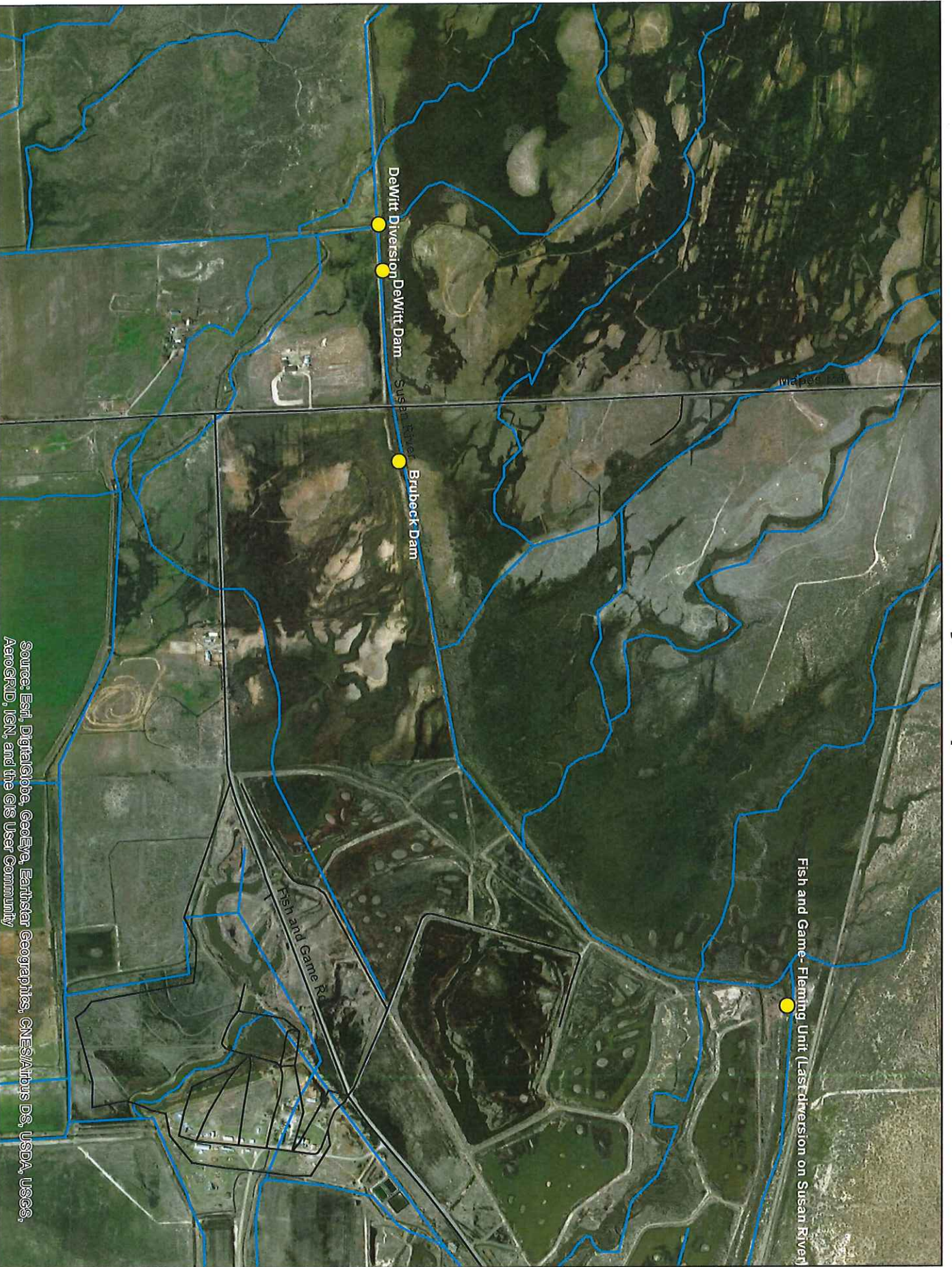
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SRWSA Daily Checkpoints



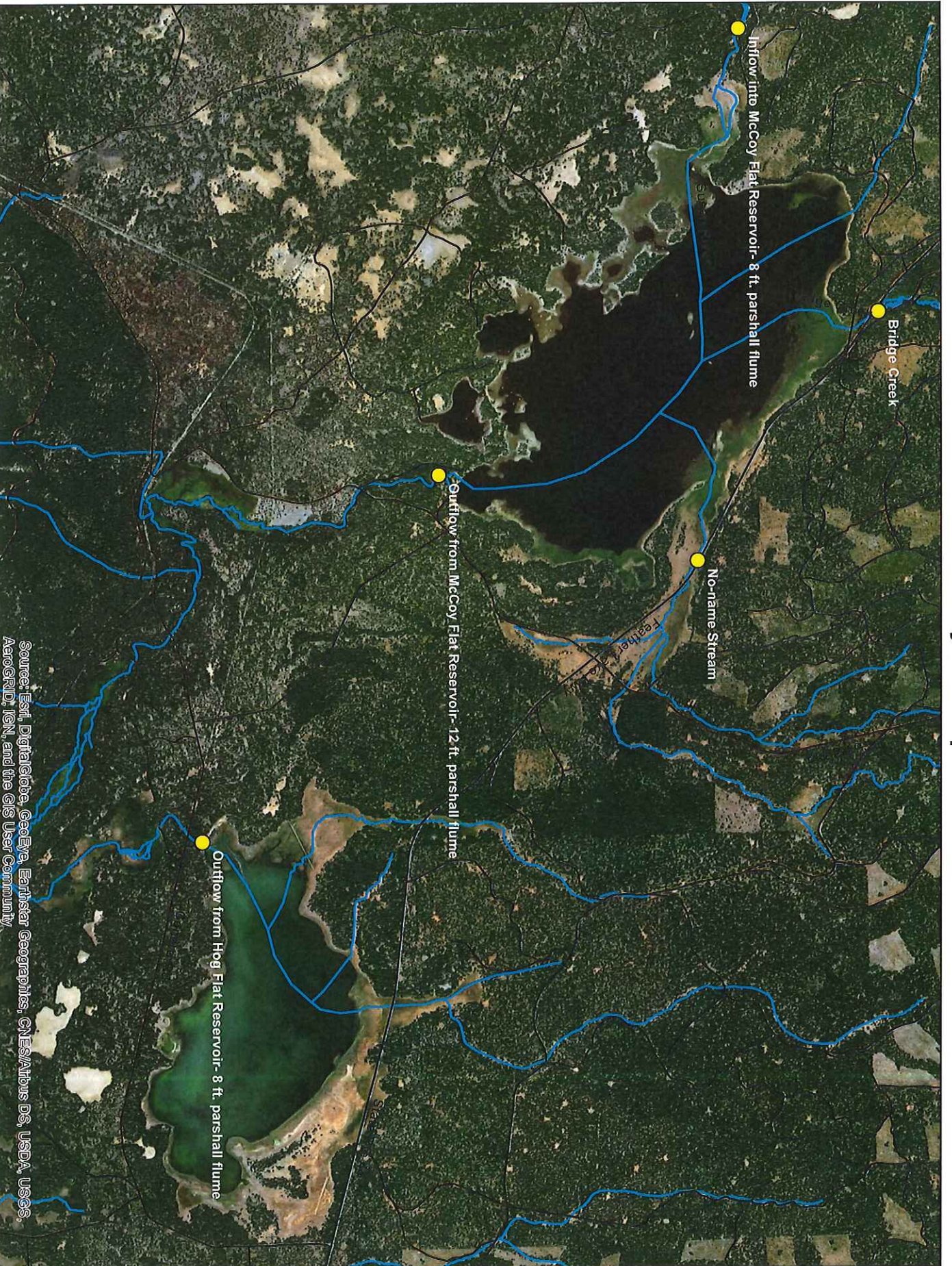
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SRWSA Daily Checkpoints



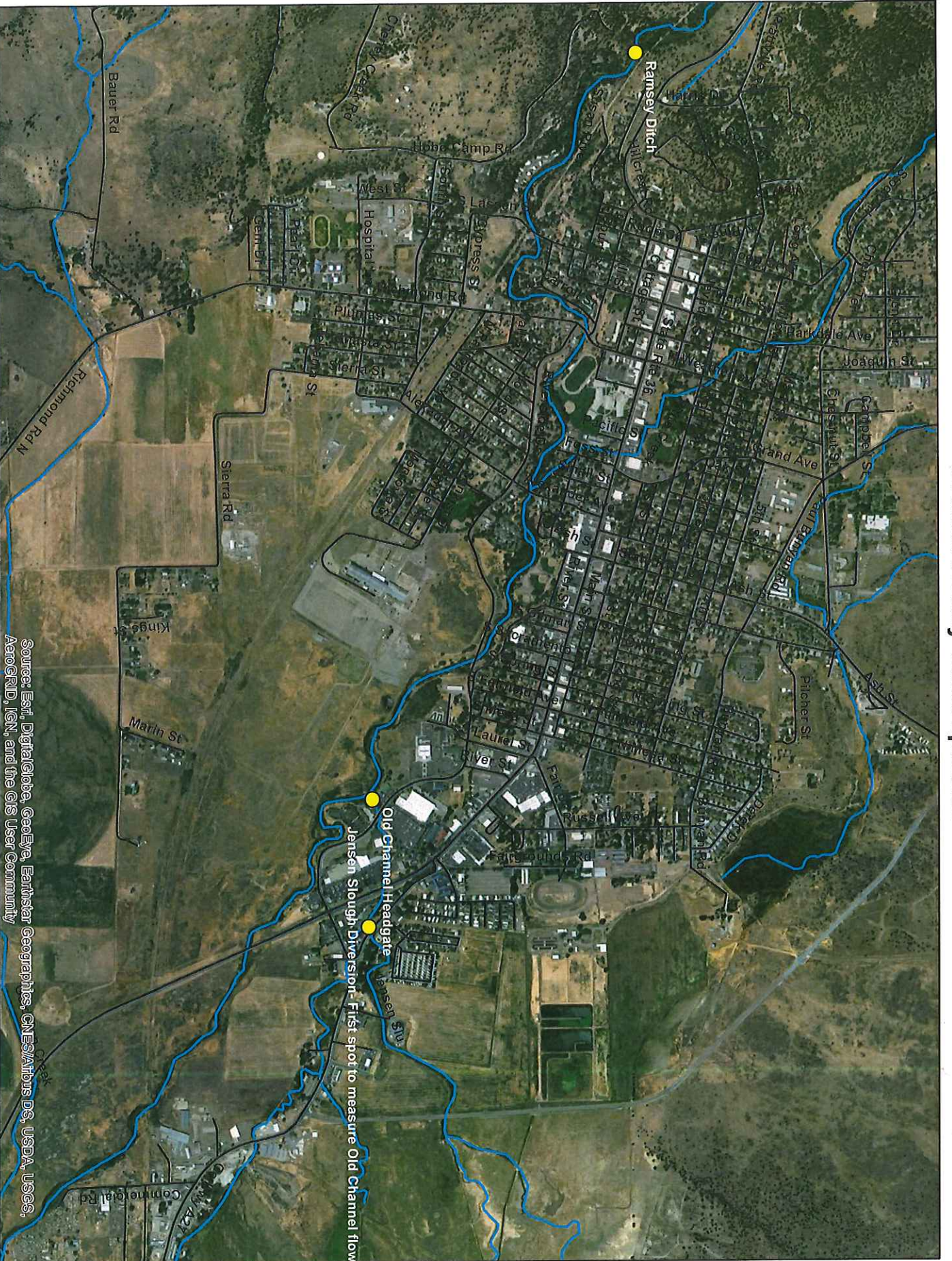
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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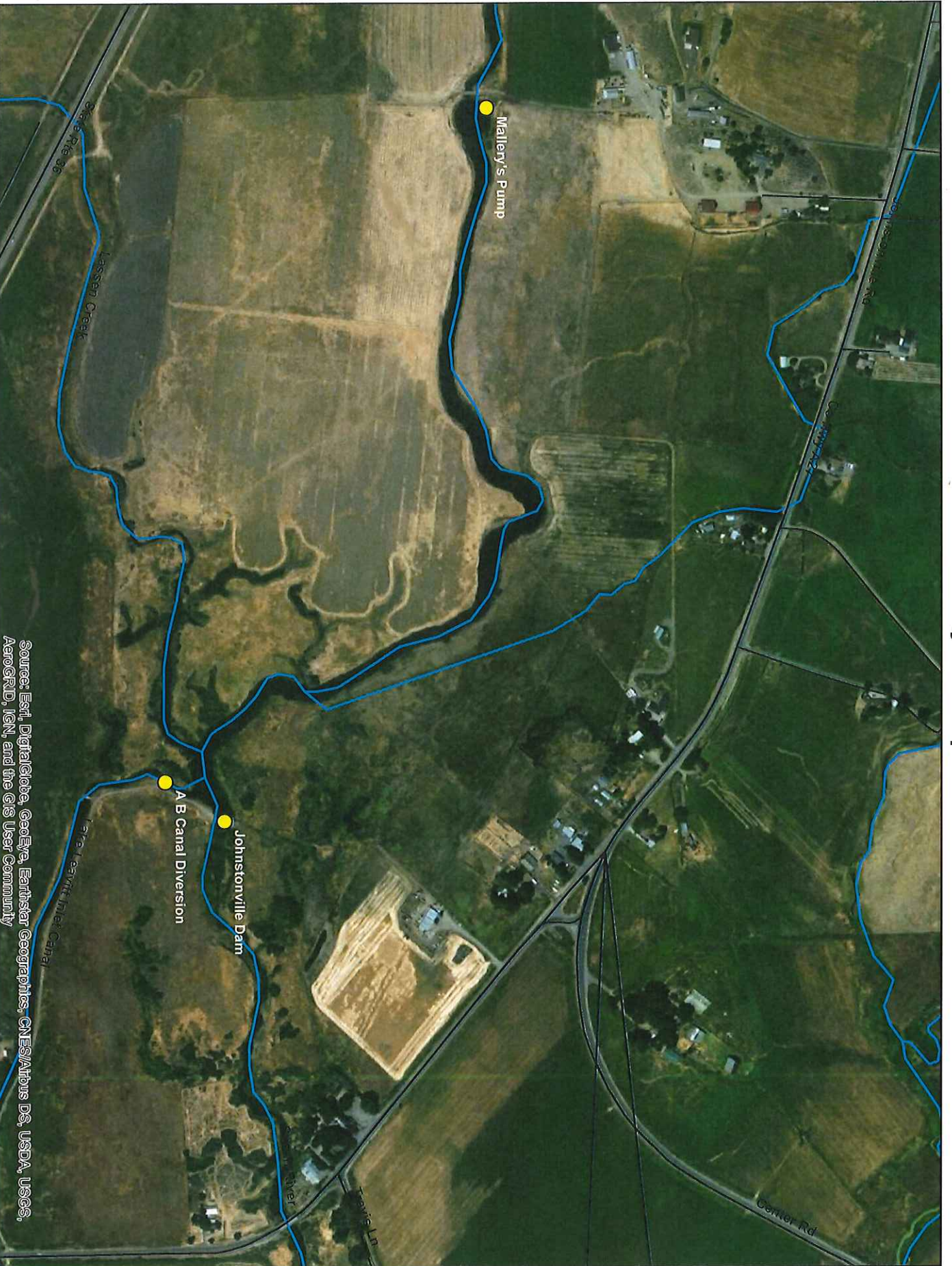
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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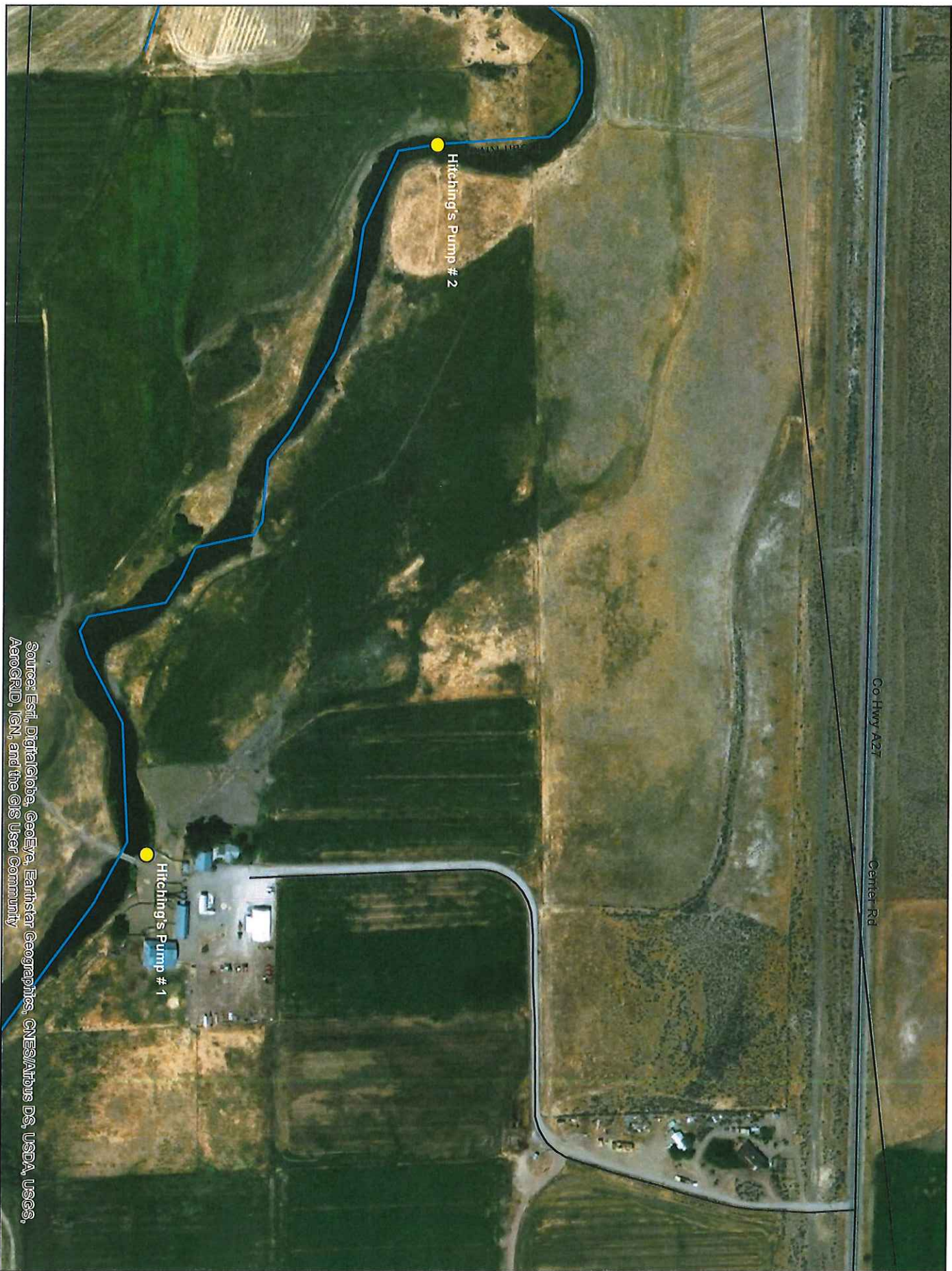
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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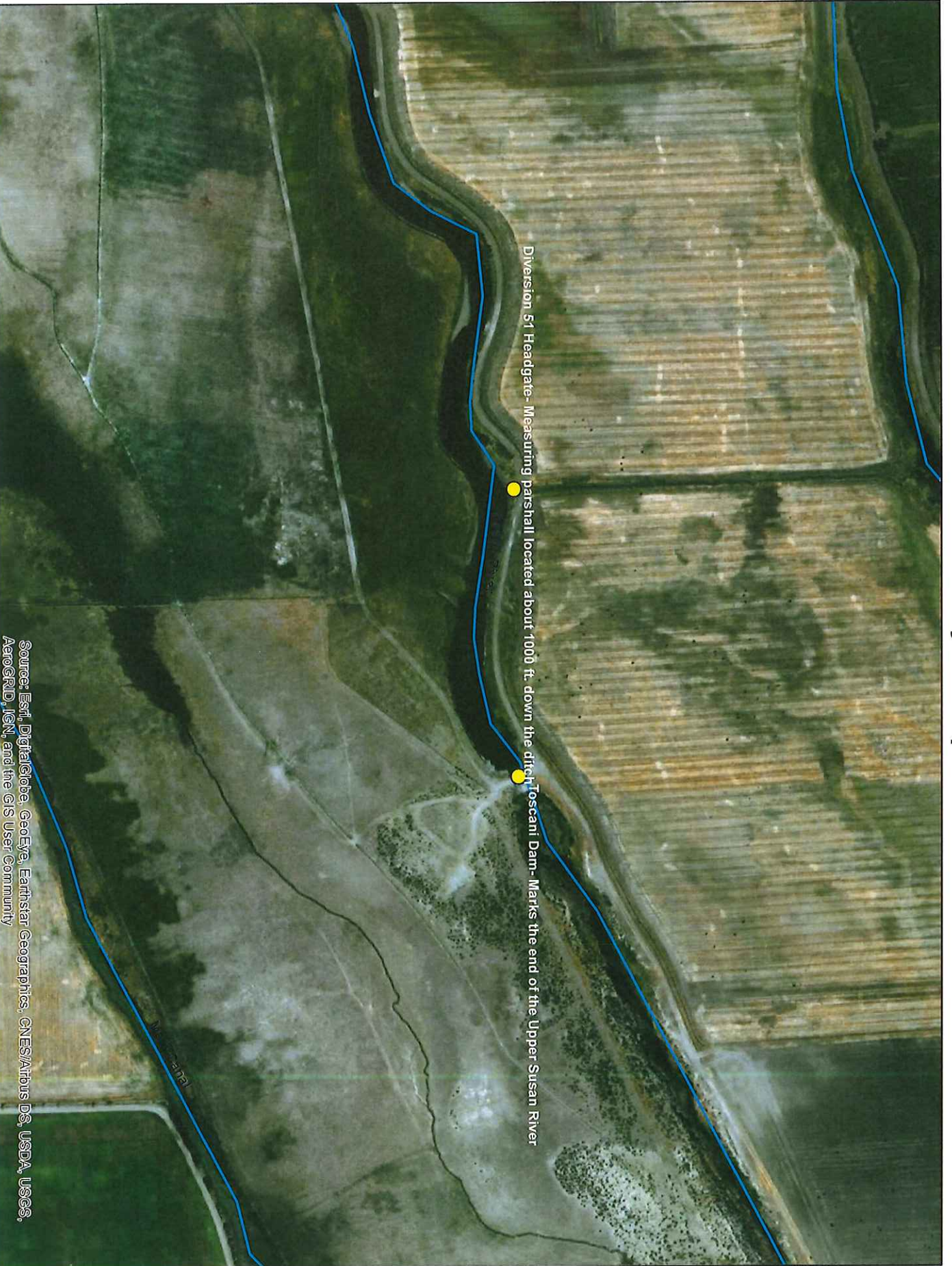
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus PS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Diversion 571 Headgate - Measuring parshall located about 1000 ft. down the ditch
Toscani Dam - Marks the end of the Upper Suscan River

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community