

## MEMORANDUM

TO: TIM LUKE

FROM: DANIEL A. NELSON

DATE: 4/10/2009

SUBJECT: CUB RIVER AND THOMAS FORK WORK IN MAY

The week of May 4<sup>th</sup>, I performed an inventory of the diversions on Sugar Creek, Maple Creek, and Worm Creek below the highway. Mat performed the inventory for the diversions from Worm Creek above the highway. I also worked with the Cub River Watermaster and Mat and I worked with the Thomas Fork Watermaster.

### SUGAR CREEK:

I found 6 diversions on Sugar Creek. Of these 6 diversions none of them had measurement devices. 4 of the 6 diversions had headgates, but only 2 of the headgates were lockable. Please Note: I was not able to get the several diversions for Stockwater from the USDA Forest Service due to the road conditions. I will work on the Forest Service diversions next trip when road conditions allow better access.

Site tag	Headgate	Headgate Lockable?	Measurement Device	Water Rights	Owner if known
A0011726	NO	NO	NO	13-7332	Mapleton Cemetery
A0011729	YES	YES	NO	13-10	Bennett/Perkins
A0011730	YES	NO	NO	13-10	Bennett/Perkins SEE BELOW
A0011725	YES	NO	NO	13-11	Sharp
A0011727	NO	NO	NO	13-7452	Lee Porter
A0011731	YES	YES	NO	UNKNOWN	
A0011728	NO	NO	NO	UNKNOWN	

PLEASE NOTE: A0011730 could have actually been a ditch off of the ditch for A0011729. I tagged it anyway, since it looked as though it could be a diversion from an unnamed stream or drain.

## MAPLE CREEK:

I inventoried Maple Creek with the watermaster/ditch rider Roger Wright. We found 9 diversions. Two of the City of Franklin spring diversions were on the other side of the creek, and I was not able to get to them due to high water. One of the older diversions has been abandoned and is no longer functional (Water Rights 13-54 and 13-146). Water right 13-4296 is an in-stream stock water right with no diversion. The water rights show 5 springs for domestic use. Mr. Wright did not know how to get to any of these diversions, and I will need to contact all the individual owners to find them. There is also an application for permit that has been filed for power, but it hasn't been approved yet or constructed.

Site tag	Headgate	Headgate Lockable?	Measurement Device	Water Rights	Owner if known
A0019000	YES	NO	NO	13-47	Hawkes, Howarth, Robinson, Whitehead, Wickham, and Wright
A0018996	YES	NO	NO	13-48 13-49 13-50	Robinson, Stockdale, Woodward, and Gayman
A0018999	YES	YES	MAYBE	13-43 13-44 13-45 13-46	Franklin Maple Creek Pioneer Irrigation
A0018998	NO	NO	NO	13-53A	Chatterton, Gibson, Jensen, and Loure
A0018995	NO	NO	NO	13-4098	Gibson
A0018994	NO	NO	NO	13-4098	Gibson
E0006951	NO	NO	NO	13-2070 13-51 13-2071	City of Franklin (PLEASE SEE BELOW)

PLEASE NOTE: City of Franklin actually has 3 springs. I was not able to get to the other two springs due to high water. I will get the other two springs during my next trip down.

## WORM CREEK:

Mat inventoried Worm Creek above highway 91 and I inventoried the portion below or south of highway 91. Of the 39 water rights we believe we found all but 5 of the diversions. Of the remaining 34 water rights, we believe that they are all diverted through 14 diversions. There are approximately 59 waste water channels, drains, springs, and unnamed streams water rights that claim to be tributary to Worm Creek. We only inventoried the main channel, so most of these diversions were not checked. However, approximately 6 of the tributary channels used the same point of diversion as the water from Worm Creek. Of the tributary water rights, it appears as though 10 of these are springs that may only be domestic type water uses.

Of the 14 diversions we inventoried, 10 of the diversions had headgates or controlling works and only 1 had a measuring device.

Site tag	Headgate	Headgate Lockable?	Measurement Device	Water Rights	Owner if known
NO TAG DIV 1	NO	NO	NO	13-267 13-305A	Smith and Owen
A0012038 DIV 2	YES	NO	NO	13-302 13-2022 13-2287 13-2102 13-300 13-299	Upper Preston Whitney Reservoir Company
A0012309 DIV 3	YES	YES	YES	13-271 13-2103 13-2108 13-2288	Preston Whitney Irrigation Company Reservoir
A0012032 DIV 4	YES	YES	NO	13-133 13-143	Preston Eastside Water Company
NO TAG DIV 5	NO	NO	NO	13-279	Hulse and Oliverson
A00112037 DIV 6	YES	YES	NO	13-253 13-262	Porter
A0012034 DIV 7	YES	YES	NO	13-207 13-208	Tanner Buckstead Ditch Co.
A0012098 DIV 8	YES	YES	NO	13-266	Alder
A0018991	NO	NO	NO	13-213	Oliverson

WORM CREEK INVENTORY CONTINUED:

Site tag	Headgate	Headgate Lockable?	Measurement Device	Water Rights	Owner if known
A0018977	NO	NO	NO	13-222	Cub River Irrigation Co Diversion into Worm Creek
A0018992	YES	YES	NO	13-222	Cub River Irrigation Co Diversion into Worm Creek
A0018993	YES	YES	NO	UNKNOWN	UNKNOWN. This could be canal water because it is on the up stream side of the Cub River Irrigation Company diversion
A0018985	YES	YES	NO	13-64 13-65 13-66 13-67 13-68	Lynn and Vaughn Larsen and Merlin Gilbert
A0018990	YES	YES	NO	13-63 13-263	Melvin Gilbert

PLEASE NOTE: Water right 13-222 for Cub River Irrigation has two points of diversion listed on the water right. However, there is actually a point of injection of canal water into the creek and a point of re-diversion. A0018993 is for a diversion just upstream of the Cub River Irrigation Company diversion. It could be delivering canal water.

THOMAS FORK:

The watermaster showed Mat and I the diversions on the Thomas Fork. We performed some measurements, but the majority of the day was looking at the diversions. It was obvious that the 3 diversions with fish screens will need ADFM flow meters. Therefore, no measurements were done on these channels. We did measure and take elevations on a couple of channels that were marginal. None of the measurement devices have been installed, but they NRCS and FSA were working with the farmers to get their devices in. At this point, I feel we will need to go down and measure all of the diversions the first of June and the first of July. After that, I don't think we will need to do much further work on this creek.

## CUB RIVER:

I worked with the Cub River Watermaster on a couple of projects.

The first project was to calibrate the Preston overflow meter. This is the meter that measures the water overflowing the city's water tanks that discharges into Foster Reservoir. This meter was obviously not working properly. It would run up to 1600 gpm and then slow down to 400 gpm. The entire I observed this meter, the outflow into the reservoir did not vary. You could hear the water in the pipe swirling and gurgling, which suggests that air was entrained in the water. I tried to get a measurement on pipeline that was above ground, but it was not a good location and I couldn't get a measurement. The pipeline above ground had 2 vents and they were blowing air in and out of the vents at varying intervals. This confirmed the air trapped in the water and pipeline. I feel we should contact the City and have them rework this system. I feel a much better method would be open discharge the pipeline in a settling pond and install a weir, pressure transducer and data logger at the outlet of the pond prior to the water entering the reservoir. Corbin has suggested that we use dye to create a rated section, so we could determine the flow of water with the water levels in the water tank.

The second project was to calculate the flow meter at the power plant that discharges water into the Glendale Reservoir. When I initially went to calibrate this flow meter, I noticed that the pipe was squashed or bent. In looking at the discharge point, it appeared as though the pipe was not running full. The ½ full pipeline could be the reason for the squashed pipeline. I didn't feel I could get a reasonable measurement on the squashed pipe, so I measured the water at the discharge point using the FlowTracker. I measured 715 gpm being run out the end of the pipeline. A 10 minute measurement of the flow meter showed an average flow rate of 461 gpm, which compared to the readout on the meter. This system also needs to be fixed or redone. Once again a good solution to this scenario would be to create a longer tailrace at the discharge point and install a standard weir with a pressure transducer and data logger.

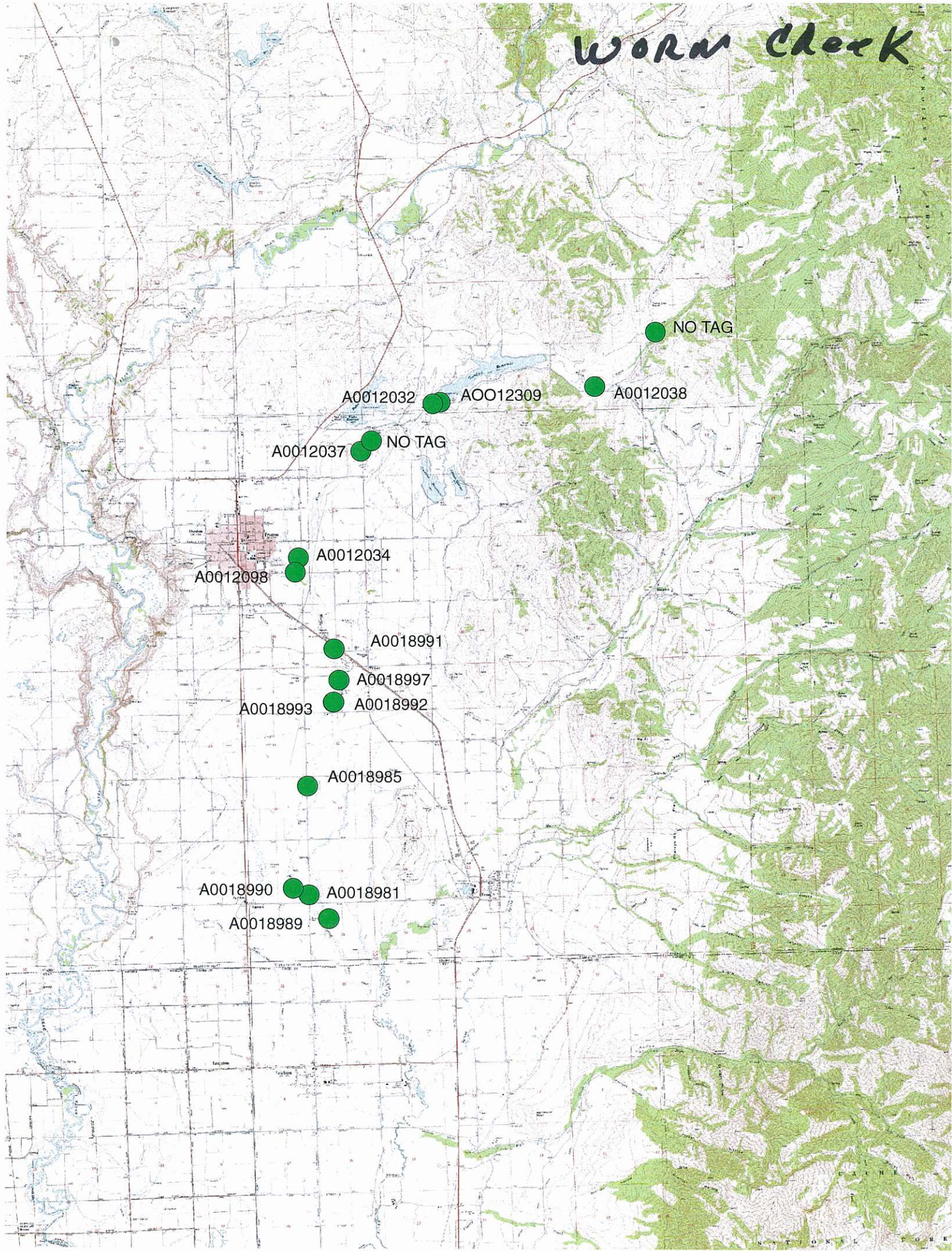
The water master and I also visited the Franklin Cub River Pumping Company pumps southwest of Franklin. This system was not in operation at the time I viewed the pumps, but there was no sign of a measurement device. The Watermaster said that he thought they were going to install meters at the outlets, but followed one of the pipelines out to one of their ditches, and no measurement device was installed in the ditch or at the end of the pipeline. It does not appear as though they have complied with the order.

Mat visited and inspected the ADFM installed by the Upper Division of the Cub River Irrigation Company. Mat said it was expertly installed, but no water was being diverted, so he could not see it functioning.

Mat also visited the diversions in the Pegram area. I wasn't with Mat during this visit, so he has all the notes and information concerning his work there.



# Worm Check





Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Keneth

Source/Tributary:	<u>WORM CREEK</u>	tributary to	<u>CUB RIVER.</u>
Diversion Name:	<u>UNKNOWN</u>		
Point of Diversion:	Twp. <u>15S</u>	Rng. <u>39E</u>	Sec <u>36</u> QQ <u>NESW</u>
USGS Map:	Name	No.	
Water Right Nos.:	<u>13-213</u>		
	<u>13-222</u>		
	See attached <input type="checkbox"/>	<u>KENNETH OLIVERSON S</u>	
Access:	<u>CUB RIVER IRRIG CO.</u>		
	<u>PRIVATE LAKE RIGHT FORK TO POND (SOUTH SIDE OF ROAD)</u>		
	<u>PRIVATE LAKE ON N SIDE OF ROAD</u>		

4 side of road

Diversion Information

GPS Site Tag No.:	<u>A0018991</u>	GPS File Name:	<u>A0018991</u>
GPS Tag Location:	<u>ON PUMP HOUSE DOOR JAM.</u>		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>CREEK DIVERTED INTO POND AND PUMPED TO SPRINKLERS</u>		
	<u>DIVERSION MAY BE ON NORTH SIDE OF ROAD, NO WATER YET</u>		
	<u>HARD TO TELL.</u>		

Headgate and Measuring Device Description

Existing Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Headgate:	<u>PUMP.</u>
_____	
Existing Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type:	Size: _____
Description of Measuring Device:	_____
_____	

☐ Diversion sketch on reverse

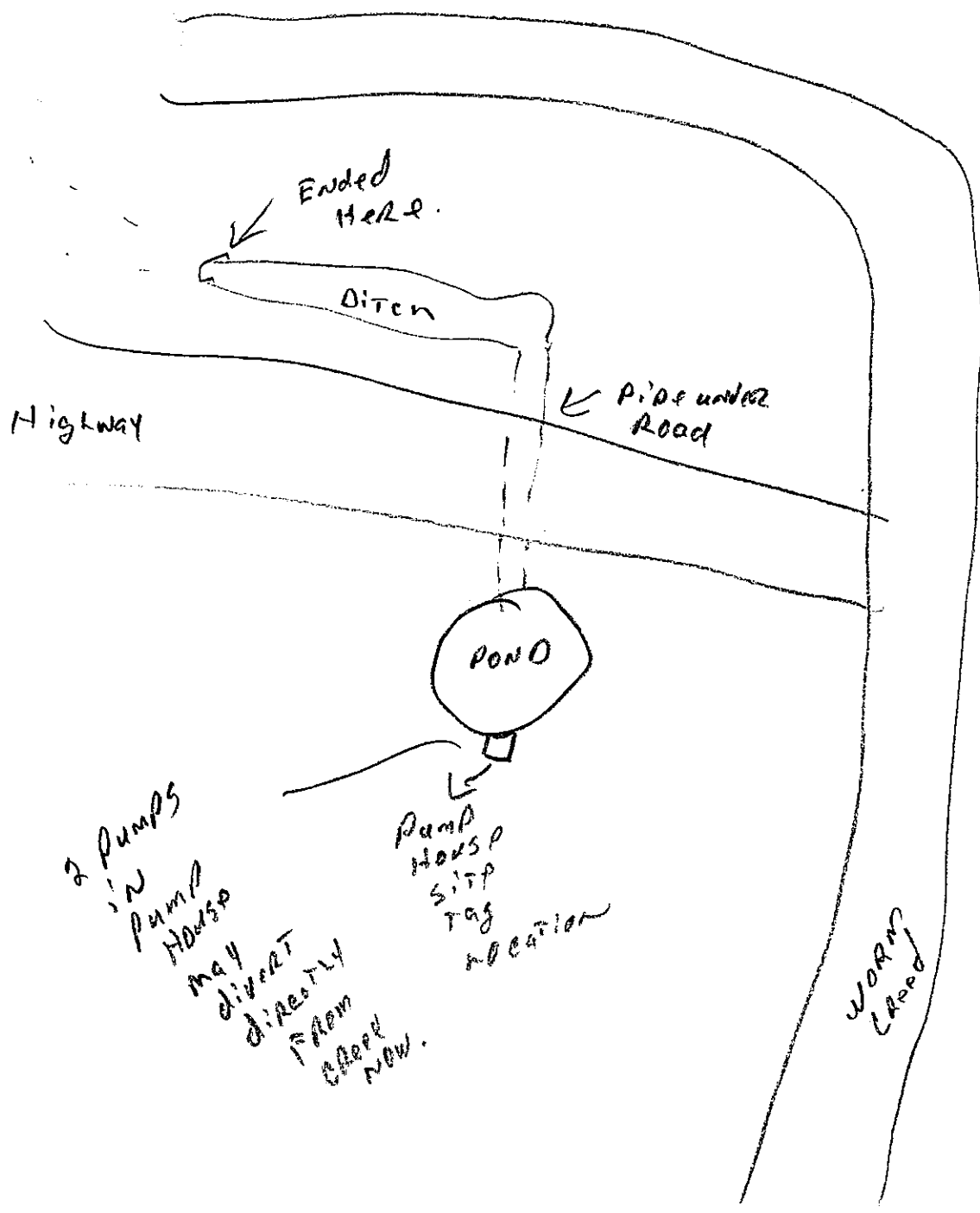
Measurement

Staff Gage Reading: _____	Table Used: _____
Weir/Flume Reading: _____	
<input type="checkbox"/> Flow Measurement Form Attached	
Q = _____	

David A. Mullen  
Examiner

5-7-09  
Date

\_\_\_\_\_  
Time





# Canal Diversion into WORM CREEK

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

## General Information

Source/Tributary:	<u>WORM CREEK</u>	tributary to	<u>CUB RIVER.</u>
Diversion Name:	<u>POINT WHERE CANAL WATER ENTERS WORM CREEK.</u>		
Point of Diversion:	Twp. _____	Rng. _____	Sec. <u>QQ</u>
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____ _____ _____		
See attached <input type="checkbox"/>			
Access:	<u>1/2 mile south of the RAIL ROAD TRACKS</u> <u>500 FT SOUTH OF ROAD.</u>		

## Diversion Information

GPS Site Tag No.:	<u>A0018997</u>	GPS File Name:	<u>A0018997</u>
GPS Tag Location:	<u>ON TREE SOUTH OF DIVERSION</u>		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>THIS IS NOT AN ACTUAL</u> <u>DIVERSION - THIS IS THE POINT</u> <u>WHERE THE CANAL DISCHARGES</u> <u>INTO THE WORM CREEK CHANNEL.</u> <u>POINT OF INJECTION</u>		

## Headgate and Measuring Device Description

Existing Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Headgate: _____ _____	
Existing Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: _____	Size: _____
Description of Measuring Device: _____ _____	

☒ Diversion sketch on reverse

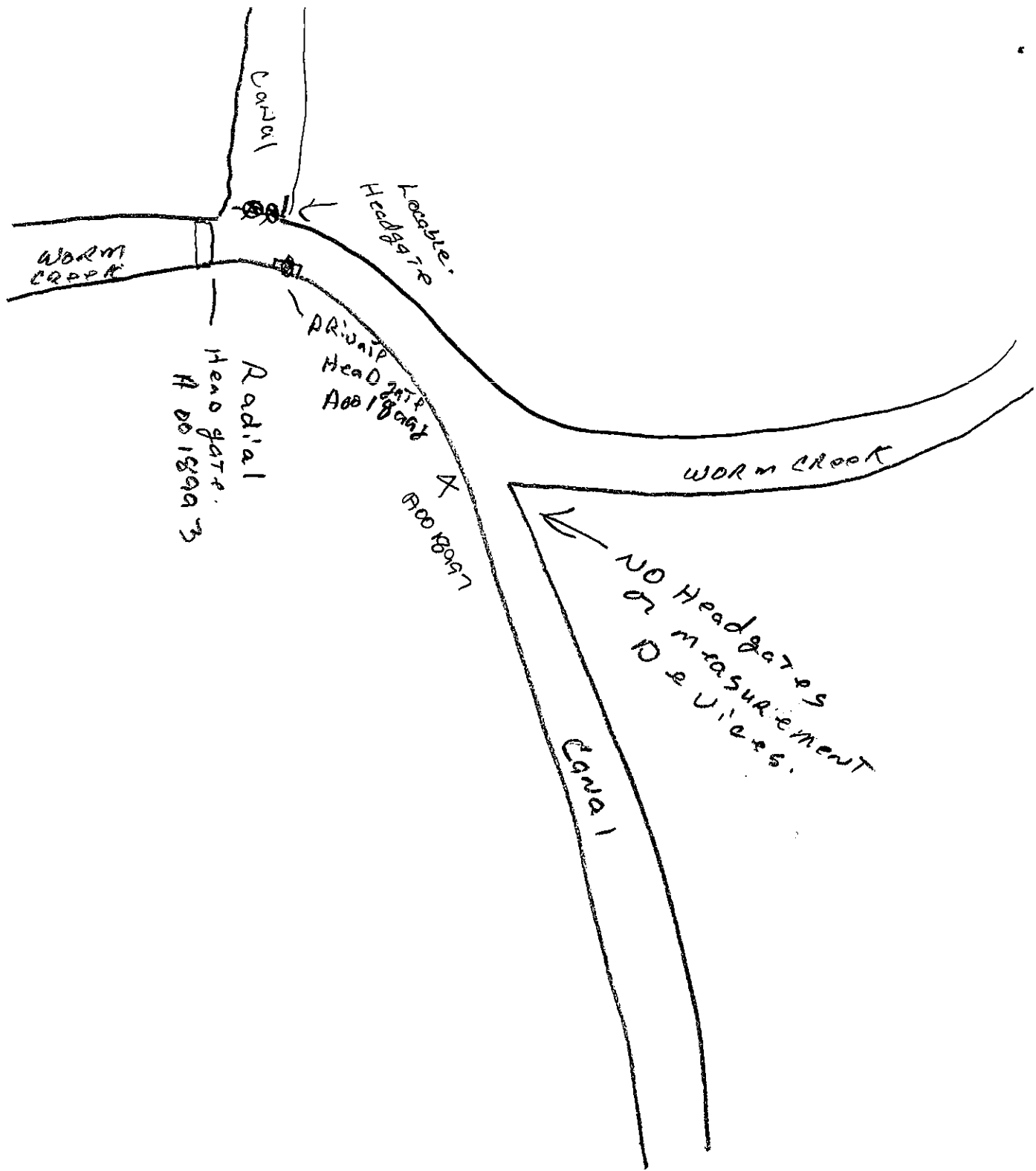
## Measurement

Staff Gage Reading: _____	Table Used: _____
Weir/Flume Reading: _____	
<input type="checkbox"/> Flow Measurement Form Attached	
Q = _____	

Daniel A. Nelson  
Examiner

5-7-09  
Date

Time



Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary:	<u>WORM CREEK</u>	tributary to	<u>CUB RIVER</u>
Diversion Name:	<u>DIVERSION OF CANAL OUT OF WORM CREEK</u>		
Point of Diversion:	Twp. <u>16S</u>	Rng. <u>39E</u>	Sec <u>1</u> QQ <u>SFSW</u>
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____ _____ _____		
	See attached <input type="checkbox"/>		
Access:	<u>WALK IN 1/2 mile FROM</u> _____ _____		

Diversion Information

GPS Site Tag No.:	<u>A 0018992</u>	GPS File Name:	<u>A0018992</u>
GPS Tag Location:	<u>ON Radial Headgate</u>		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>THIS IS THE POINT WHERE THE</u> <u>CANAL &amp; WORM CREEK SPLIT. THE HEADGATE TO</u> <u>WORM CREEK IS A RADIAL HEADGATE. THE</u> <u>DIVERSION TO CANAL HAS 2 WHEELED SLIDE</u> <u>HEAD GATES.</u>		

Headgate and Measuring Device Description

Existing Headgate?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable Headgate?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Description of Headgate:	<u>2-ADJUSTABLE SLIDE HEADGATES</u> <u>INTO CANAL - and a Radial Headgate</u> <u>INTO WORM CREEK.</u>		
Existing Measuring Device?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Measuring Device Type:	_____	Size:	_____
Description of Measuring Device:	_____ _____ _____		

☒ Diversion sketch on reverse

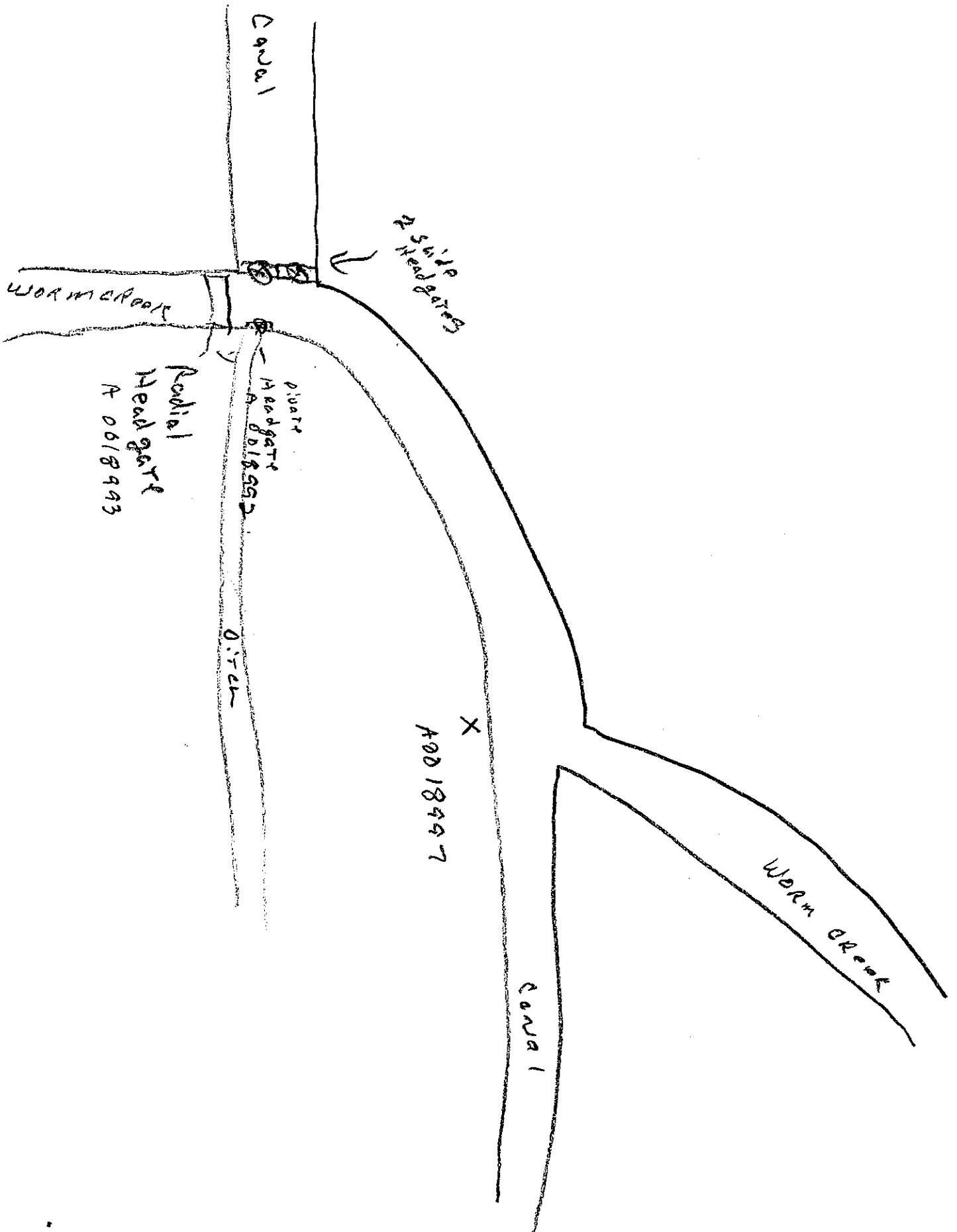
Measurement

Staff Gage Reading:	_____	Table Used:	_____
Weir/Flume Reading:	_____		
<input type="checkbox"/> Flow Measurement Form Attached			
Q =	_____		

Amiel A. Nelson  
Examiner

5-7-09  
Date

\_\_\_\_\_  
Time





Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13 A

General Information

Source/Tributary:	<u>Worm Creek Canal</u> tributary to <u>Cub River.</u>		
Diversion Name:	<u>UNKNOWN.</u>		
Point of Diversion:	Twp. _____	Rng. _____	Sec _____ QQ _____
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____		
	See attached <input type="checkbox"/>		
Access:	<u>WALK IN FROM ROAD 1/2 MILE.</u>		
	_____		
	_____		

Diversion Information

GPS Site Tag No.:	<u>A 0018993</u>	GPS File Name:	<u>A 0018993.</u>
GPS Tag Location:	<u>ON HEADGATE</u>		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>THIS DIVERSION IS JUST UP STREAM OF THE RADIAL HEADGATE.</u>		
	_____		
	_____		
	_____		

Headgate and Measuring Device Description

Existing Headgate? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable Headgate? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Description of Headgate: <u>ADJUSTABLE SLIDE HEADGATE INTO A DITCH</u>	
Existing Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: _____	Size: _____
Description of Measuring Device: _____	
_____	
_____	

☒ Diversion sketch on reverse

Measurement

Staff Gage Reading: _____	Table Used: _____
Weir/Flume Reading: _____	
<input type="checkbox"/> Flow Measurement Form Attached	
Q = _____	

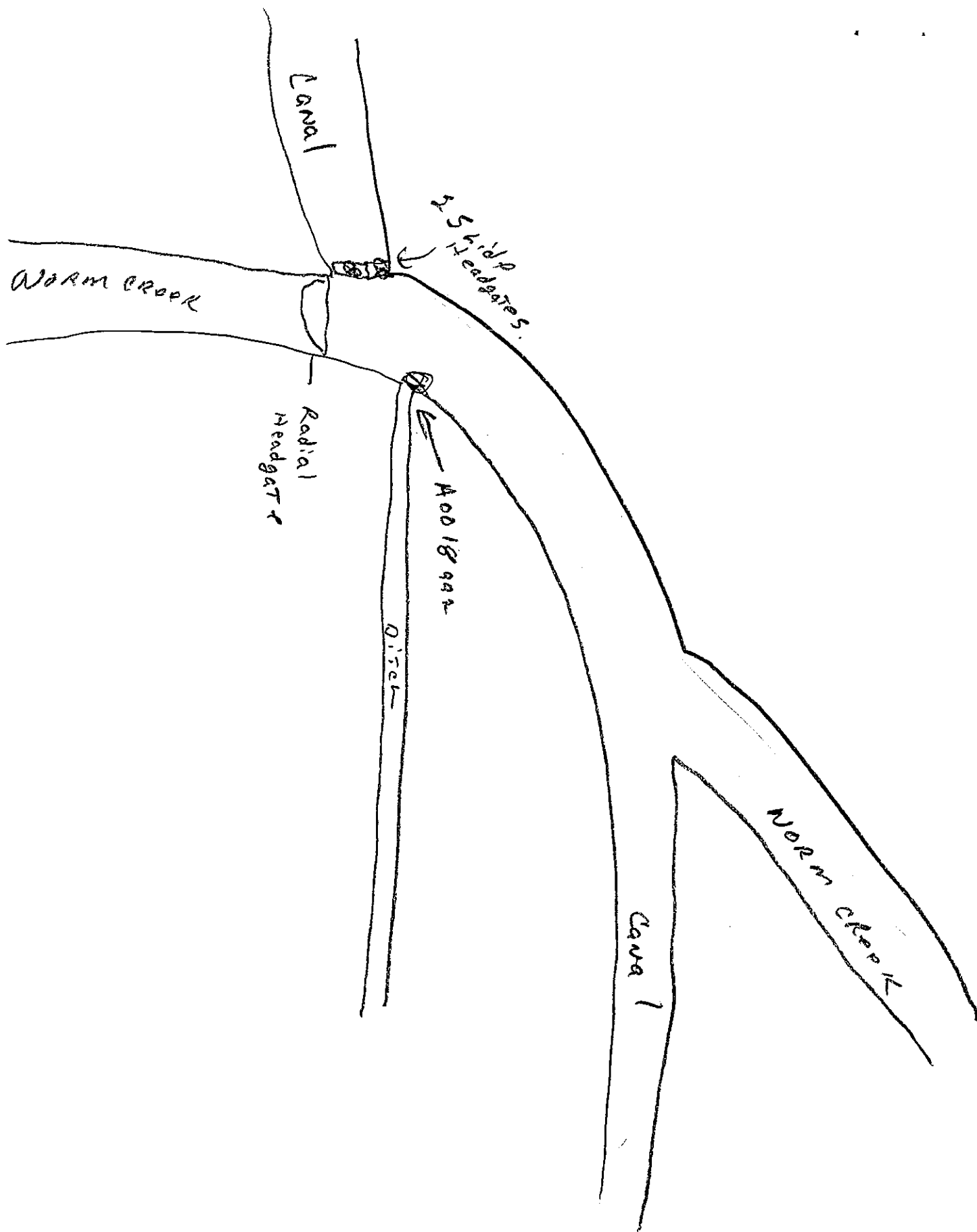
David A. Nelson

Examiner

5-7-09

Date

Time



Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

MERLIN GILBERT

General Information

LARSEN, LYNN ~ Vaughn  
Source/Tributary: WORM CREEK tributary to CUB RIVER  
Diversion Name: UNKNOWN  
Point of Diversion: Twp. 16S Rng. 39E Sec 13 QQ NW NW  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: 13-64 13-66 13-68  
13-65 13-67  
See attached ☐  
Access: 10 FT OFF ROAD

Diversion Information

GPS Site Tag No.: A 0018985 GPS File Name: A0018985  
GPS Tag Location: ON STAND PIPE NEXT TO HEADGATE  
Photo? ☐ Yes ☐ No Photo File Name: \_\_\_\_\_  
Description of diversion: CEMENT DAM IN CREEK  
WITH HEADGATE TO PIPE THAT TRAVELS  
UNDER THE ROAD AND OPEN DISCHARGES  
INTO DITCH.

Headgate and Measuring Device Description

Existing Headgate? ☒ Yes ☐ No Lockable Headgate? ☒ Yes ☐ No  
Description of Headgate: ADJUSTABLE SLIDE HEADGATE  
Existing Measuring Device? ☐ Yes ☒ No  
Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Description of Measuring Device: \_\_\_\_\_

☒ Diversion sketch on reverse

Measurement

Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

Daniel A Nelson  
Examiner

5-7-09  
Date

Time

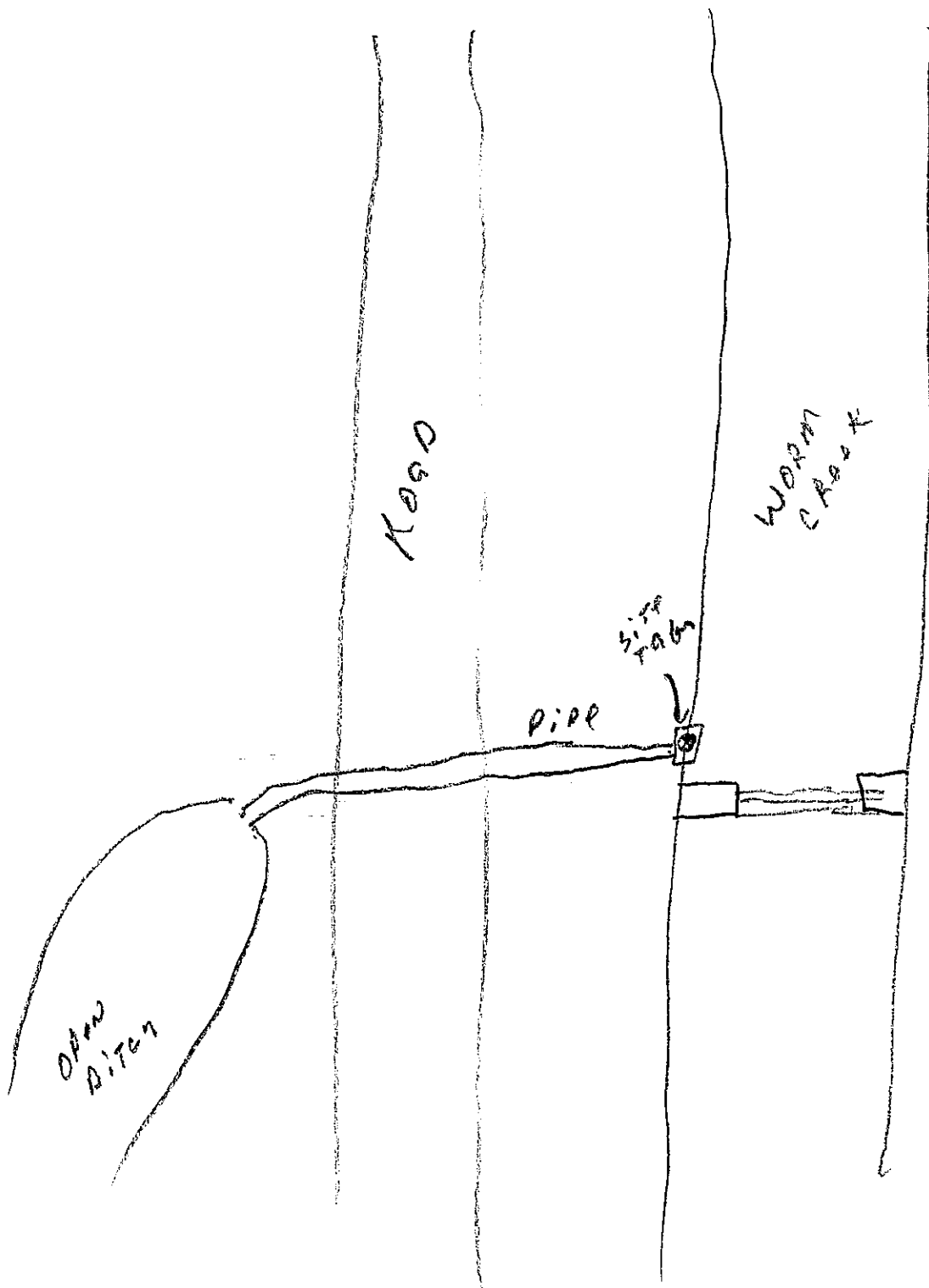
KOOP

WORM  
CRACK

PIPE  
TAB

PIPE

OPEN  
DITCH





Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

**General Information** MELVIN GILBERT

Source/Tributary: WORM CREEK tributary to CUB RIVER  
Diversion Name: UNKNOWN  
Point of Diversion: Twp. 16S Rng. 39E Sec 23 QQ 54SE  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: 13-63  
13-263  
See attached ☐  
Access: 1/4 mile WALK IN FROM ROAD

**Diversion Information**

GPS Site Tag No.: A0018990 GPS File Name: A0018990  
GPS Tag Location: ON PUMP DISCHARGE PIPE  
Photo? ☐ Yes ☒ No Photo File Name: \_\_\_\_\_  
Description of diversion: PUMP IN CREEK

**Headgate and Measuring Device Description**

Existing Headgate? ☒ Yes ☐ No Lockable Headgate? ☒ Yes ☐ No  
Description of Headgate: CONTROL VALVE ON PUMP  
Existing Measuring Device? ☐ Yes ☒ No  
Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Description of Measuring Device: \_\_\_\_\_

☐ Diversion sketch on reverse

**Measurement**

Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

Daniel A. Nelson 5-7-09  
Examiner Date Time

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

BURTIS HILL  
Source/Tributary: WORM CREEK tributary to CUB RIVER  
Diversion Name: UNKNOWN  
Point of Diversion: Twp. 16S Rng. 39E Sec. 23 QQ SESE  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: 13-324  
13-294  
See attached ☐  
Access: 10 FT WEST OF ROAD.

Diversion Information

GPS Site Tag No.: A0018981 GPS File Name: A0018981  
GPS Tag Location: ON DISCHARGE PIPE OF PUMP  
Photo? ☐ Yes ☐ No Photo File Name: \_\_\_\_\_  
Description of diversion: small pond with  
pump diverting out water.

Headgate and Measuring Device Description

Existing Headgate? ☒ Yes ☐ No Lockable Headgate? ☒ Yes ☐ No  
Description of Headgate: CONTROL VALVE ON PUMP.  
DISCHARGE PIPE.  
Existing Measuring Device? ☐ Yes ☒ No  
Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Description of Measuring Device: \_\_\_\_\_

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

Daniel A. Nelson 5-7-09  
Examiner Date Time

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13 A

General Information

Source/Tributary: WORM CREEK tributary to CUB RIVER  
Diversion Name: UNKNOWN  
Point of Diversion: Twp. 16S Rng. 39E Sec 25 QQ SE NW  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: 13-314 13-2161  
13-227  
See attached ☐  
Access: 1/4 mile walk in from Road.

Diversion Information

GPS Site Tag No.: A 0018989 GPS File Name: A 0018989  
GPS Tag Location: ON Pump Discharge.  
Photo? ☐ Yes ☐ No Photo File Name: \_\_\_\_\_

Description of diversion: PUMP OUT OF POND

Headgate and Measuring Device Description

Existing Headgate? ☒ Yes ☐ No Lockable Headgate? ☒ Yes ☐ No  
Description of Headgate: CONTROL VALVE ON PUMP.

Existing Measuring Device? ☐ Yes ☒ No

Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_

Description of Measuring Device: \_\_\_\_\_

☐ Diversion sketch on reverse

Measurement

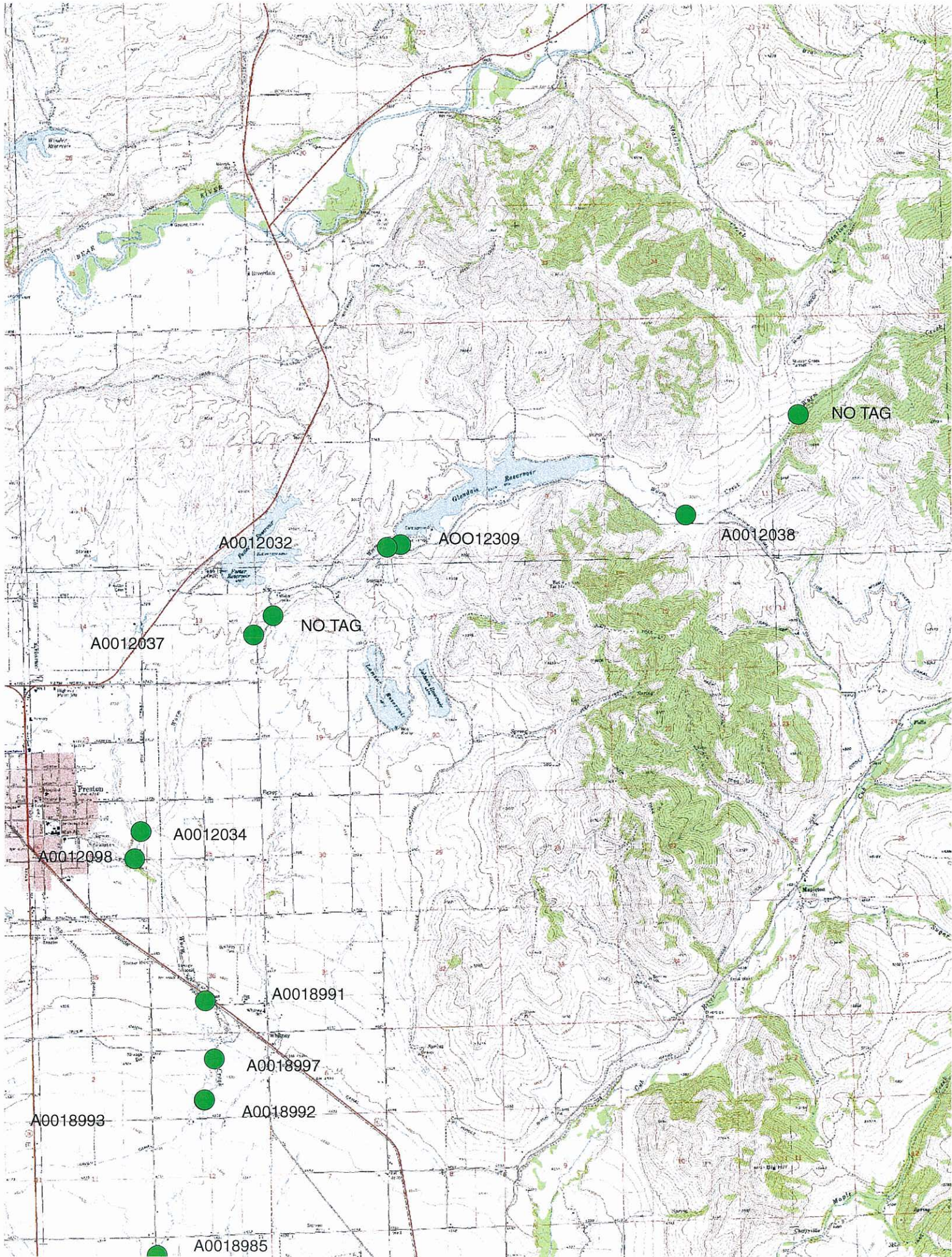
Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

Daniel A. Melan  
Examiner

5-7-09  
Date

Time





NO TAG

A0012032

A0012309

A0012038

NO TAG

A0012037

A0012034

A0012098

A0018991

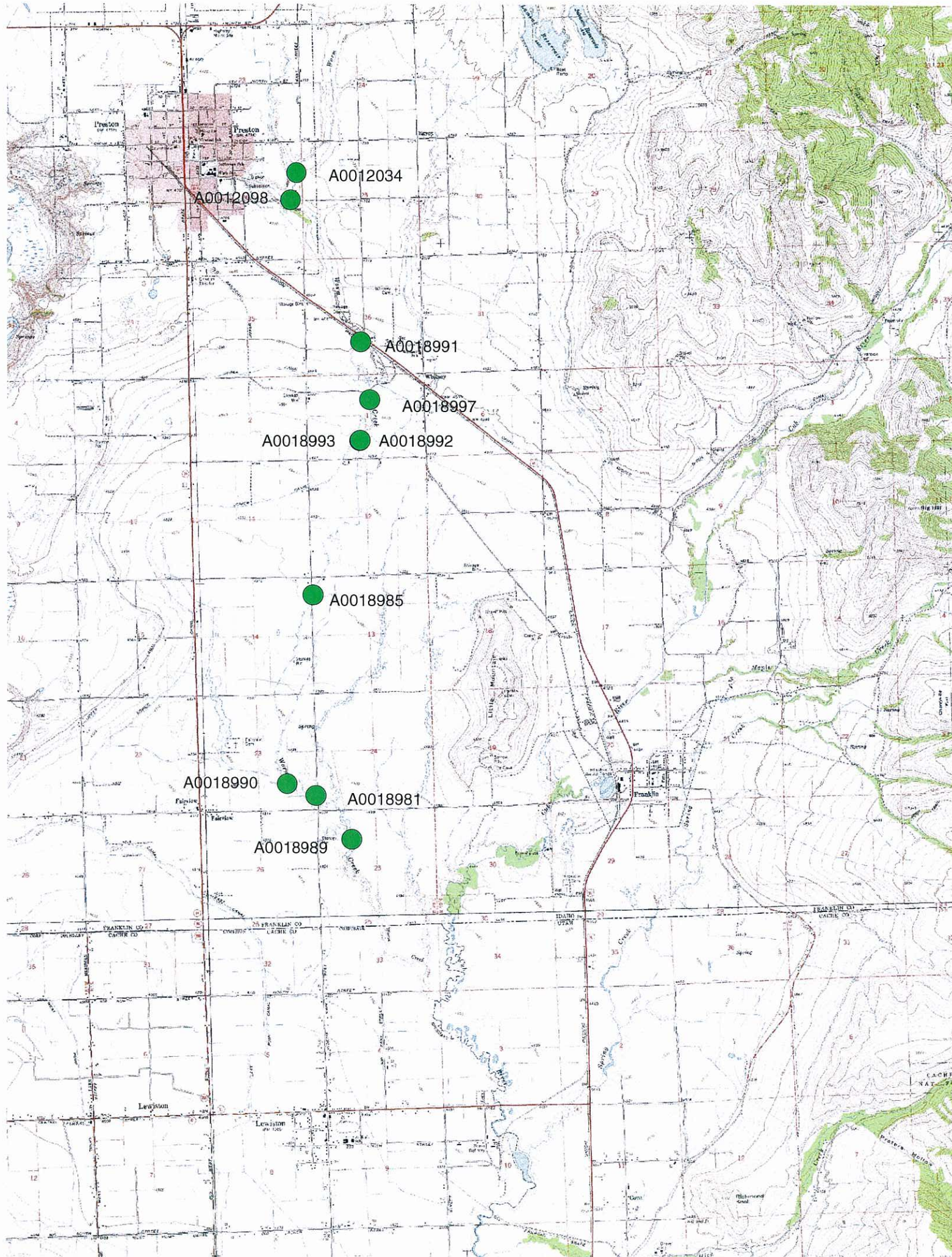
A0018997

A0018993

A0018992

A0018985









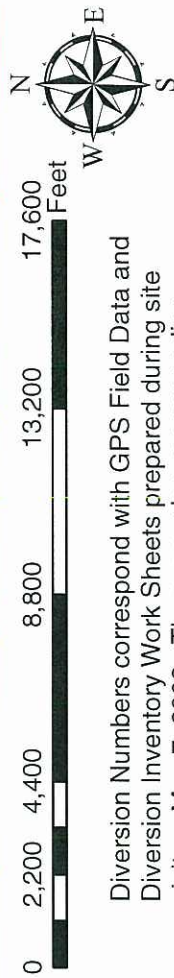
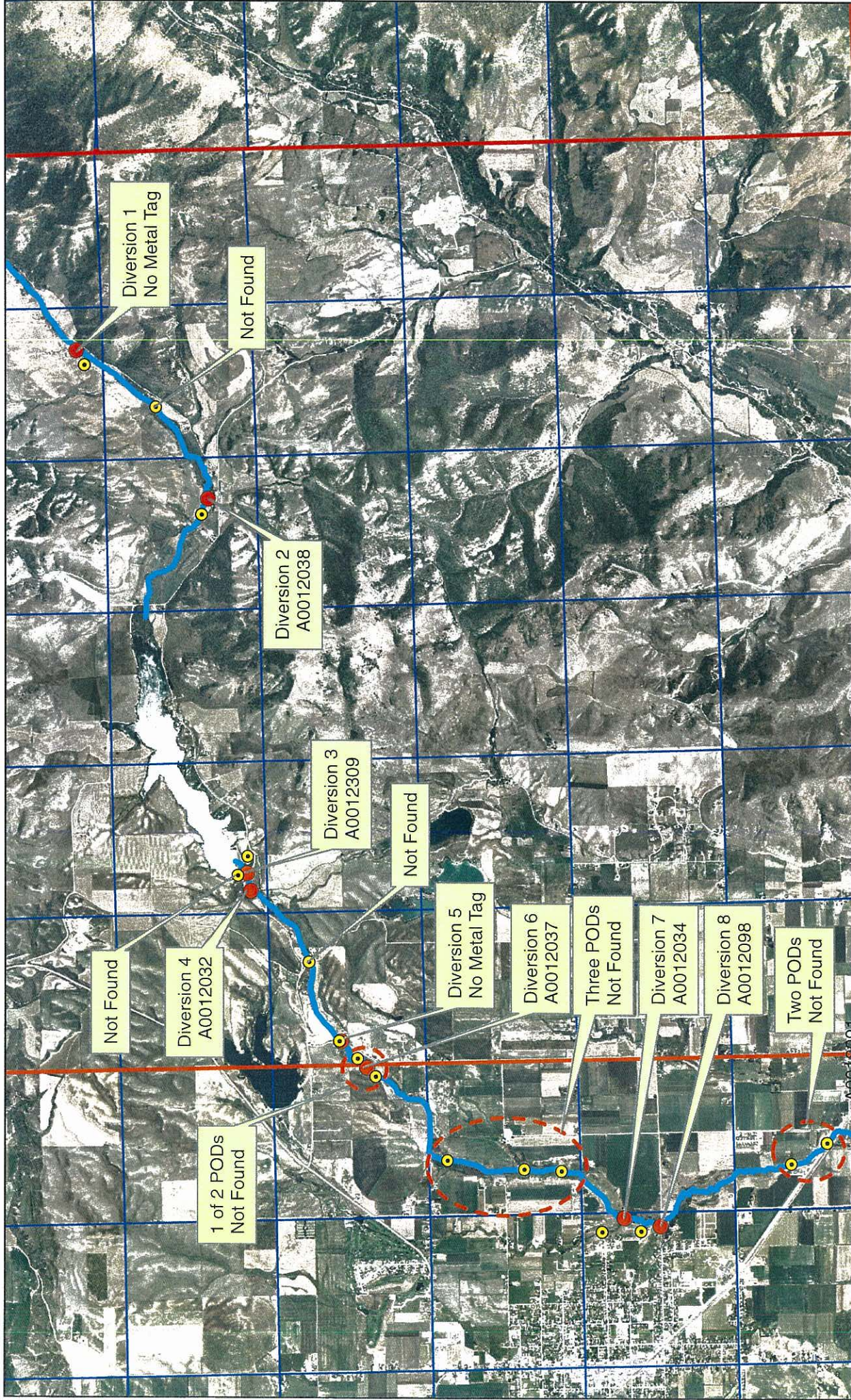
A0018991

A0018997

A0018993

A0018992





Diversion Numbers correspond with GPS Field Data and Diversion Inventory Work Sheets prepared during site visit on May 7, 2008. There are also corresponding site photos available. Lower Worm Creek Inventory was prepared by Dan Nelson and not a part of this map.

## Upper Worm Creek Diversions (N. of HWY 91)



**Idaho Dept. of Water Resources**  
**GPS Field Data and Diversion Inventory**  
**Water District No. 13-A**

**General Information**

Source/Tributary: <u>Worm Creek</u>		tributary to: <u>Cub River</u>
Diversion Name: <u>Diversion 1</u>		
Point of Diversion:	TWNP: <u>15S</u>	RNG: <u>40E</u>
	SEC: <u>2</u>	QQ: <u>SWSE</u>
USGS Map:	Name: <u>Mink Creek</u>	No. <u>DD45</u>
Water Right No's.: <u>13-267; 13-305A</u>		
See Attached <input type="checkbox"/>		
Access: <u>Crossed creek from FS road at location of Mink Creek pipe</u> <u>line confluence with Worm Creek, diversion is just downstream.</u>		

**Diversion Information**

GPS Site Tag No.: <u>None</u>	GPS File Name: <u>None</u>
GPS Tag Location: <u>None</u>	
Photo(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____
Description of Diversion: <u>There were no permanent structures or devices</u> <u>at this diversion, diversion was accomplished with an in-stream</u> <u>rock (river cobble) diversion dam and blue plastic material. As such,</u> <u>no metal GPS tag was installed.</u> <u>GPS Coordinates: N 2686253 ; E 1218262 (meters)</u>	
<input type="checkbox"/> Diversion Sketch Attached	

**Headgate (HG) and Measuring Device Description**

Existing Headgate: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable HG? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Desc. Of Headgate: <u>N/A</u>	
_____	
Existing Measuring Device: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Measuring Device Type: <u>N/A</u>	Size: <u>N/A</u>
Desc. Of Measuring Device: <u>N/A</u>	
_____	
_____	

**Measurement**

Staff Gauge Reading: <u>N/A</u>	
Weir/Flume Reading: <u>N/A</u>	Table Used: <u>N/A</u>
Q = <u>&lt; 0.50 cfs (visual estimation)</u>	
<input type="checkbox"/> Flow Measurement Form	

**Additional Notes:** Water diverted into earth ditch that followed the diversion  
point contour and travelled to the west, the diversion ditch delivers water to points  
un-observed miles downstream, refer to pictures. Referred to as Mount Pizco Ditch.

\_\_\_\_\_  
Mat Weaver  
Examiner

\_\_\_\_\_  
5/7/2009  
Date

\_\_\_\_\_  
Time



**Idaho Dept. of Water Resources**  
**GPS Field Data and Diversion Inventory**  
**Water District No. 13-A**

**General Information**

<b>Source/Tributary:</b> <u>Worm Creek</u>		<b>tributary to:</b> <u>Cub River</u>
<b>Diversion Name:</b> <u>Diversion 2 (Upper Preston Whitney Reservoir Co. Head Gate)</u>		
<b>Point of Diversion:</b>	<b>TWNP:</b> <u>15S</u>	<b>RNG:</b> <u>40E</u>
	<b>SEC:</b> <u>10</u>	<b>QQ:</b> <u>NWSE</u>
<b>USGS Map:</b>	<b>Name:</b> <u>Riverdale</u>	<b>No.</b> <u>DD44</u>
<b>Water Right No's.:</b> <u>13-302; 13-2022; 13-2287; 13-2102, 13-300, 13-299</u>		
 <div style="text-align: center;">See Attached <input type="checkbox"/></div>		
<b>Access:</b> <u>Gravel drive off of Glendale Road to diversion dam located on east property line of the Webster Farm.</u>		

**Diversion Information**

<b>GPS Site Tag No.:</b> <u>A0012038</u>	<b>GPS File Name:</b> <u>A0012038</u>
<b>GPS Tag Location:</b> <u>Concrete wing wall (upstream south wall)</u>	
<b>Photo(s):</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Photo File Name:</b> _____
 <b>Description of Diversion:</b> <u>Concrete dam in Worm Creek checks flow into concrete flume locate on south side of channel. Flume has concrete wing wall, sidewall, and floor.</u>	
_____ _____ _____	
<div style="text-align: center;"><input type="checkbox"/> Diversion Sketch Attached</div>	

**Headgate (HG) and Measuring Device Description**

<b>Existing Headgate:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Lockable HG?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Desc. Of Headgate:</b> <u>Wooden planks can be raised or lowered with a levered system, not lockable as currently configure but could be easily modified to accommodate a locking device.</u>	
_____ _____	
<b>Existing Measuring Device:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Size:</b> _____
<b>Measuring Device Type:</b> _____	
<b>Desc. Of Measuring Device:</b> _____	
_____ _____	

**Measurement**

<b>Staff Guage Reading:</b> <u>N/A</u>	<b>Table Used:</b> <u>N/A</u>
<b>Weir/Flume Reading:</b> <u>N/A</u>	
<b>Q =</b> <u>~ 4 cfs (continuity equ)</u>	
<div style="text-align: center;"><input type="checkbox"/> Flow Measurement Form</div>	

**Additional Notes:** \_\_\_\_\_

\_\_\_\_\_  
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\_\_\_\_\_  
Mat Weaver  
Examiner

\_\_\_\_\_  
5/7/2009  
Date

\_\_\_\_\_  
Time

**Idaho Dept. of Water Resources**  
**GPS Field Data and Diversion Inventory**  
**Water District No. 13-A**

**General Information**

Source/Tributary: <u>Worm Creek</u>		tributary to: <u>Cub River</u>
Diversion Name: <u>Diversion 3 (Preston Whitney Irr. Co. Head Gate)</u>		
Point of Diversion:	TWNP: <u>15S</u>	RNG: <u>40E</u>
	SEC: <u>8</u>	QQ: <u>SESW</u>
USGS Map:	Name: <u>Riverdale</u>	No. <u>DD44</u>
Water Right No's.: <u>13-271; 13-2103</u>		
See Attached <input type="checkbox"/>		
Access: <u>Service Road off of Glendale Road directly below dam.</u>		

**Diversion Information**

GPS Site Tag No.: <u>A0012309</u>	GPS File Name: <u>A0012309</u>
GPS Tag Location: <u>Side of wing wall, downstream side.</u>	
Photo(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____
<p>Description of Diversion: <u>Two sets of sluice gates control water on the canal/ditch below dam. One set of sluice gates control flow down the ditch. The other set of sluice gates diverts water out of ditch and into concrete flume that sits ~40 feet above the Preston Whitney Irr. Ditch. At the bottom of flume water is directed into ditch for conveyance downstream.</u></p>	
<input type="checkbox"/> Diversion Sketch Attached	

**Headgate (HG) and Measuring Device Description**

Existing Headgate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable HG? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Desc. Of Headgate: <u>Two rectangular wooden sluice gates (~4' wide each) can be open and closed to allow water to flow perpendicularly out of the canal. Sluice gates had working screws and locks during site visit.</u>	
Existing Measuring Device: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Measuring Device Type: <u>Parshall Flume</u>	Size: <u>4' throat</u>
Desc. Of Measuring Device: <u>Concrete Parshall flume with staff gage. Throat of P.F. was four feet wide, staff gage was in excellent condition and located in a stilling well on east side of flume.</u>	

**Measurement**

Staff Gauge Reading: <u>0</u>	
Weir/Flume Reading: <u>not measureable</u>	Table Used: _____
Q = <u>&lt;0.10 cfs</u>	
<input type="checkbox"/> Flow Measurement Form	

Additional Notes: Entire system in good working order.

Mat Weaver  
Examiner

5/7/2009  
Date

13- 2108  
13- 2788

**Idaho Dept. of Water Resources**  
**GPS Field Data and Diversion Inventory**  
**Water District No. 13-A**

**General Information**

Source/Tributary: <u>Worm Creek</u>		tributary to: <u>Cub River</u>
Diversion Name: <u>Diversion 4</u>		
Point of Diversion:	TWNP: <u>15S</u>	RNG: <u>40E</u>
	SEC: <u>2</u>	QQ: <u>SWSW</u>
USGS Map:	Name: <u>Riverdale</u>	No. <u>DD44</u>
Water Right No's.: <u>No corresponding WRs in ArcMap.</u>		
See Attached <input type="checkbox"/>		
Access: <u>Service Road off of Glendale Road directly below dam.</u>		

**Diversion Information**

GPS Site Tag No.: <u>A0012032</u>	GPS File Name: <u>A0012032</u>
GPS Tag Location: <u>Top canal gate cross bar.</u>	
Photo(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____
<p><b>Description of Diversion:</b> <u>Where ditch crosses Glendale Road a canal gate is attached to the entrance of ~18-24" cmp pipe. CMP pipe diverts water out of manmade ditch into natural/historic Worm Creek channel. Manmade ditch no longer appears to be in use south of Glendale Road. This was confirmed by local resident.</u></p>	
<input type="checkbox"/> Diversion Sketch Attached	

**Headgate (HG) and Measuring Device Description**

Existing Headgate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable HG? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Desc. Of Headgate: <u>~18-24" canal gate</u>	
Existing Measuring Device: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: <u>N/A</u>	
Desc. Of Measuring Device: <u>N/A</u>	

**Measurement**

Staff Gauge Reading: <u>N/A</u>	
Weir/Flume Reading: <u>N/A</u>	Table Used: <u>N/A</u>
$Q = < 1.0 \text{ cfs (visual estimation)}$	
<input type="checkbox"/> Flow Measurement Form	

**Additional Notes:** This may not be a diversion per say as entire flow diverted from Preston Whitney Irr. Co. headgate flows through the 18/24" CMP. In the past it may have served as a diversion now it could regulate flow but there would be no where for water to go.

Mat Weaver  
Examiner

5/7/2009  
Date

\_\_\_\_\_  
Time

13-133  
13-143  
Preston Eastside  
Water Company

**Idaho Dept. of Water Resources**  
**GPS Field Data and Diversion Inventory**  
**Water District No. 13-A**

**General Information**

Source/Tributary: <u>Worm Creek</u>		tributary to: <u>Cub River</u>
Diversion Name: <u>Diversion 5</u>		
Point of Diversion:	TWNP: <u>15S</u>	RNG: <u>40E</u>
	SEC: <u>18</u>	QQ: <u>SWNW</u>
USGS Map:	Name: <u>Franklin</u>	No. <u>DD94</u>
Water Right No's.: <u>13-279</u>		
See Attached <input type="checkbox"/>		
Access: <u>Diversion located on west side of road where Worm Creek crosses County Road 1600.</u>		

**Diversion Information**

GPS Site Tag No.: <u>N/A</u>	GPS File Name: <u>N/A</u>
GPS Tag Location: <u>None</u>	
Photo(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____
Description of Diversion: <u>No permanent structures associated with this diversion. Steel fencepost, rocks, and plastic material located in Worm Creek appears to be used to back water up into adjacent field for flood irrigation of pasture ground.</u>	
<input type="checkbox"/> Diversion Sketch Attached	

**Headgate (HG) and Measuring Device Description**

Existing Headgate: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable HG? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Desc. Of Headgate: <u>N/A</u>	
Existing Measuring Device: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: <u>N/A</u>	Size: <u>N/A</u>
Desc. Of Measuring Device: <u>N/A</u>	

**Measurement**

Staff Guage Reading: <u>N/A</u>	Table Used: <u>N/A</u>
Weir/Flume Reading: <u>N/A</u>	
Q = <u>No flow during site visit</u>	
<input type="checkbox"/> Flow Measurement Form	

**Additional Notes:** During field visit I though this might be an illegal diversion but it is not. There was nothing to attach metal tag to so one was not used.

Mat Weaver Examiner	5/7/2009 Date	_____ Time
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**Idaho Dept. of Water Resources**  
**GPS Field Data and Diversion Inventory**  
**Water District No. 13-A**

**General Information**

Source/Tributary: <u>Worm Creek</u>		tributary to: <u>Cub River</u>
Diversion Name: <u>Diversion 6</u>		
Point of Diversion:	TWNP: <u>15S</u>	RNG: <u>39E</u>
	SEC: <u>13</u>	QQ: <u>NESE</u>
USGS Map:	Name: <u>Franklin</u>	No. <u>DD94</u>
Water Right No's.: <u>13-253; 13-262</u>		
See Attached <input type="checkbox"/>		
Access: <u>Crossed Porter Farms LLC ground from County Road 1600</u> <u>to access diversion structure on Worm Creek visible from road. No</u> <u>fencing to obstruct travel.</u>		

**Diversion Information**

GPS Site Tag No.: <u>A0012037</u>	GPS File Name: <u>A0012037</u>
GPS Tag Location: <u>Top canal gate cross bar.</u>	
Photo(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____
Description of Diversion: <u>Existing concrete check dam used to be used to</u> <u>back water up into a ditch for gravity flow. Ditch flow was controlled with</u> <u>a sluice type gate. Currently water is diverted through a pipe in face of</u> <u>diversion dam that drains into a shallow CMP well. Water is pumped out</u> <u>of the shallow well to feed pressurized irrigation system.</u>	
<input type="checkbox"/> Diversion Sketch Attached	

**Headgate (HG) and Measuring Device Description**

Existing Headgate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable HG? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Desc. Of Headgate: <u>Metal canal gate that could be lockable but no lock was</u> <u>evident during site visit.</u>	
Existing Measuring Device: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: <u>N/A</u>	Size: <u>N/A</u>
Desc. Of Measuring Device: <u>N/A</u>	

**Measurement**

Staff Gauge Reading: <u>N/A</u>	Table Used: <u>N/A</u>
Weir/Flume Reading: <u>N/A</u>	
Q = <u>no flow</u>	
<input type="checkbox"/> Flow Measurement Form	

Additional Notes: \_\_\_\_\_

\_\_\_\_\_  
Mat Weaver  
Examiner

\_\_\_\_\_  
5/7/2009  
Date

\_\_\_\_\_  
Time



Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No. 13-A

**General Information**

Source/Tributary: <u>Worm Creek</u>		tributary to: <u>Cub River</u>
Diversion Name: <u>Diversion 7</u>		
Point of Diversion:	TWNP: <u>15S</u>	RNG: <u>39E</u>
	SEC: <u>26</u>	QQ: <u>SENE</u>
USGS Map:	Name: <u>Mink Creek</u>	No. <u>DD45</u>
Water Right No's.: <u>13-266??</u>		
See Attached <input type="checkbox"/>		
<b>Access:</b> <u>Just west of the Worm Creek crossing of East Oneida Road</u> <u>there is a farmer's access that drops down into the Worm Creek basin.</u> <u>I travelled as far south/downstream as I could and walked last 200 feet to diversion.</u>		

**Diversion Information**

GPS Site Tag No.: <u>A0012034</u>	GPS File Name: <u>A0012034</u>
GPS Tag Location: <u>Located on top most cross bar of canal gate.</u>	
Photo(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____
<b>Description of Diversion:</b> <u>Worm Creek flows into ~36" culvert with check</u> <u>boards at inlet. To the river right of the large culvert is a canal gate that</u> <u>is located on the inlet of a 20" CMP diversion. Canal gate diverts water</u> <u>into ditch that runs due south. Diversion was heavily silted in. Canal gate</u> <u>was fully closed but a small flow was still passing through the CMP.</u>	
<input type="checkbox"/> Diversion Sketch Attached	

**Headgate (HG) and Measuring Device Description**

Existing Headgate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable HG? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Desc. Of Headgate: <u>Metal canal gate that could be lockable but no lock was</u> <u>evident at time of site visit.</u>	
Existing Measuring Device: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: <u>N/A</u>	Size: <u>N/A</u>
Desc. Of Measuring Device: <u>N/A</u>	

**Measurement**

Staff Gauge Reading: <u>N/A</u>	
Weir/Flume Reading: <u>N/A</u>	Table Used: _____
Q = <u>&lt; 0.50 cfs (visual estimation)</u>	
<input type="checkbox"/> Flow Measurement Form	

Additional Notes: \_\_\_\_\_

Mat Weaver  
Examiner

5/7/2009  
Date

13-207

13-208

**Idaho Dept. of Water Resources**  
**GPS Field Data and Diversion Inventory**  
**Water District No. 13-A**

**General Information**

Source/Tributary: <u>Worm Creek</u>		tributary to: <u>Cub River</u>
Diversion Name: <u>Diversion 8</u>		
Point of Diversion:	TWNP: <u>15S</u>	RNG: <u>39E</u>
	SEC: <u>26</u>	QQ: <u>SENE</u>
USGS Map:	Name: <u>Franklin</u>	No. <u>DD94</u>
Water Right No's.: <u>13-266??</u>		
See Attached <input type="checkbox"/>		
Access: <u>Diversion is located just to the west of the Worm Creek crossing of 4th Street.</u>		

**Diversion Information**

GPS Site Tag No.: <u>A0012098</u>	GPS File Name: <u>A0012098</u>
GPS Tag Location: <u>Located on top most cross bar of canal gate.</u>	
Photo(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____
<p>Description of Diversion: <u>Concrete check dam structure sits in canal/creek and checks water into CMP that crosses under 4th Street. A canal gate is located on the entrance of the CMP and controls flow. Unsure if the canal/creek is natural or manmade, and it appears to be fed from water diverted from nearby pond and the ditch diverted at Diversion 7. Water is diverted into Pond (south of 4th street) which is connected with Worm Cr.</u></p>	
<input type="checkbox"/> Diversion Sketch Attached	

**Headgate (HG) and Measuring Device Description**

Existing Headgate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable HG? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Desc. Of Headgate: <u>Metal canal gate that could be lockable but no lock was evident at time of site visit.</u>	
Existing Measuring Device: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: <u>N/A</u>	Size: <u>N/A</u>
Desc. Of Measuring Device: <u>N/A</u>	

**Measurement**

Staff Gauge Reading: <u>N/A</u>	Table Used: <u>N/A</u>
Weir/Flume Reading: <u>N/A</u>	
Q = <u>None</u>	
<input type="checkbox"/> Flow Measurement Form	

**Additional Notes:** This may or may not be a diversion of Worm Creek. Further investigation is required to determine source of water and nature of interconnectedness at pond. Water is pump out of pond to serve pressurized irrigation system(s).

\_\_\_\_\_  
Mat Weaver  
Examiner

\_\_\_\_\_  
5/7/2009  
Date

\_\_\_\_\_  
Time



File Name : Mink Cr Pipe Discharge (0).JPG  
Tv (Shutter Speed) : 1/469  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Mink Cr Pipe Discharge (1).JPG  
Tv (Shutter Speed) : 1/500  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 61



File Name : Mink Cr Pipe Discharge (2).JPG  
Tv (Shutter Speed) : 1/291  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0



File Name : Worm Cr Div 1 (0).JPG  
Tv (Shutter Speed) : 1/510  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 1 (1).JPG  
Tv (Shutter Speed) : 1/333  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 1 (2).JPG  
Tv (Shutter Speed) : 1/240  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 100



File Name : Worm Cr Div 1 (3).JPG  
Tv (Shutter Speed) : 1/241  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 1 (4).JPG  
Tv (Shutter Speed) : 1/271  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 100



File Name : Worm Cr Div 1 (5).JPG  
Tv (Shutter Speed) : 1/234  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 1 (6).JPG  
Tv (Shutter Speed) : 1/255  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 1 (7).JPG  
Tv (Shutter Speed) : 1/167  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 61



File Name : Worm Cr Div 2 (0).JPG  
Tv (Shutter Speed) : 1/266  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50





File Name : Worm Cr Div 2 (1).JPG  
Tv (Shutter Speed) : 1/269  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 69



File Name : Worm Cr Div 2 (2).JPG  
Tv (Shutter Speed) : 1/265  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 61



File Name : Worm Cr Div 3 (0).JPG  
Tv (Shutter Speed) : 1/336  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0



File Name : Worm Cr Div 3 (1).JPG  
Tv (Shutter Speed) : 1/195  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 61



File Name : Worm Cr Div 3 (2).JPG  
Tv (Shutter Speed) : 1/165  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 4.JPG  
Tv (Shutter Speed) : 1/82  
Av (Aperture Value) : 3.9  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 5.JPG  
Tv (Shutter Speed) : 1/309  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 50



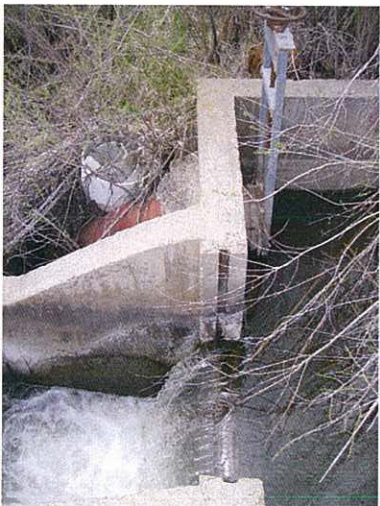
File Name : Worm Cr Div 6 (0).JPG  
Tv (Shutter Speed) : 1/975  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 100



File Name : Worm Cr Div 6 (1).JPG  
Tv (Shutter Speed) : 1/278  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 6 (2).JPG  
Tv (Shutter Speed) : 1/307  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 6 (3).JPG  
Tv (Shutter Speed) : 1/377  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0



File Name : Worm Cr Div 7 (0).JPG  
Tv (Shutter Speed) : 1/211  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 50





File Name : Worm Cr Div 7 (1).JPG  
Tv (Shutter Speed) : 1/316  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0



File Name : Worm Cr Div 7 (2).JPG  
Tv (Shutter Speed) : 1/275  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0



File Name : Worm Cr Div 8 (0).JPG  
Tv (Shutter Speed) : 1/236  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0



File Name : Worm Cr Div 8 (1).JPG  
Tv (Shutter Speed) : 1/298  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 8 (10).JPG  
Tv (Shutter Speed) : 1/426  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 100



File Name : Worm Cr Div 8 (2).JPG  
Tv (Shutter Speed) : 1/254  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50





File Name : Worm Cr Div 8 (3).JPG  
Tv (Shutter Speed) : 1/352  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 8 (4).JPG  
Tv (Shutter Speed) : 1/265  
Av (Aperture Value) : 2.8  
Exposure Compensation : 0  
ISO Speed : 100



File Name : Worm Cr Div 8 (5).JPG  
Tv (Shutter Speed) : 1/341  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 8 (6).JPG  
Tv (Shutter Speed) : 1/254  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 8 (7).JPG  
Tv (Shutter Speed) : 1/374  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 61

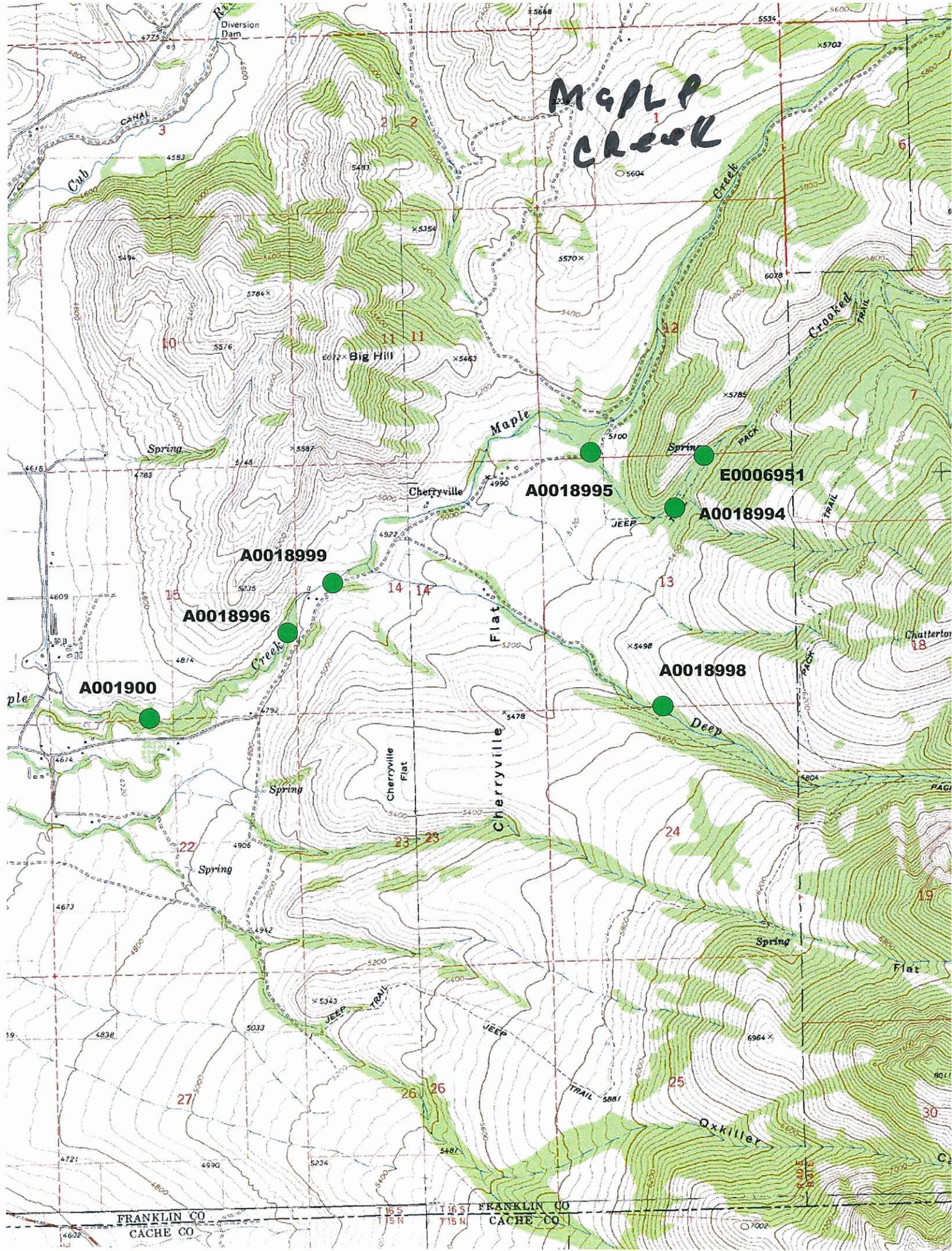


File Name : Worm Cr Div 8 (8).JPG  
Tv (Shutter Speed) : 1/306  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 50



File Name : Worm Cr Div 8 (9).JPG  
Tv (Shutter Speed) : 1/292  
Av (Aperture Value) : 5.6  
Exposure Compensation : 0  
ISO Speed : 85





MAPLE  
CREEK

A001900

A0018996

A0018999

A0018995

E0006951

A0018994

A0018998

FRANKLIN CO  
CACHE CO

FRANKLIN CO  
CACHE CO



Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary: SPRINGS / CROOKED CREEK tributary to CROOKED CREEK / MAPLE CREEK.  
Diversion Name: CITY OF FRANKLIN CROOKED SPRINGS  
Point of Diversion: Twp. 16S Rng. 40E Sec 13 QQ NWNE  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: \_\_\_\_\_  
See attached ☐  
Access: CITY SERVICE ROAD OFF MAIN FOREST  
SERVICE / COUNTY ROAD.

Diversion Information

GPS Site Tag No.: E0006951 GPS File Name: E0006951  
GPS Tag Location: ON STAGN PIPE  
Photo? ☐ Yes ☐ No Photo File Name: \_\_\_\_\_  
Description of diversion: PERFORATED PIPE BURIED  
UNDER STREAM BED AND BANK.

Headgate and Measuring Device Description

Existing Headgate? ☐ Yes ☒ No Lockable Headgate? ☐ Yes ☒ No  
Description of Headgate: \_\_\_\_\_  
Existing Measuring Device? ☐ Yes ☒ No  
Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Description of Measuring Device: \_\_\_\_\_

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

Daniel A. Nelson  
Examiner

5-7-09  
Date

Time

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary: CROOKED CREEK tributary to MAPLE CREEK.  
Diversion Name: GIBBSON DIVERSION BY ROAD.  
Point of Diversion: Twp. 16S Rng. 40E Sec 12 QQ SWSW  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: \_\_\_\_\_  
See attached ☐  
Access: RIGHT NEXT TO FOREST SERVICE /  
COUNTY ROAD

Diversion Information

GPS Site Tag No.: A 0018995 GPS File Name: A0018995  
GPS Tag Location: ON TREE BY DIVERSION.  
Photo? ☐ Yes ☐ No Photo File Name: \_\_\_\_\_  
Description of diversion: THE BANK OF THE CREEK  
HAS BEEN DUG OUT. FREE FLOWS  
AS LONG AS WATER IS IN THE  
CREEK.

Headgate and Measuring Device Description

Existing Headgate? ☐ Yes ☒ No Lockable Headgate? ☐ Yes ☒ No  
Description of Headgate: \_\_\_\_\_  
Existing Measuring Device? ☐ Yes ☒ No  
Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Description of Measuring Device: \_\_\_\_\_

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

David A. Mub 5-7-09  
Examiner Date Time



Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13 A.

General Information

Source/Tributary:	<u>CROOKED CREEK</u> tributary to <u>MAPLE CREEK</u>		
Diversion Name:	<u>GIBBSON UPPER DIVERSION</u>		
Point of Diversion:	Twp. <u>16S</u>	Rng. <u>40E</u>	Sec <u>13</u> QQ <u>NWNE</u>
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____		
	See attached <input type="checkbox"/>		
Access:	<u>UP main ROAD TO CITY OF</u> <u>FRANKLIN service ROAD. to RT OFF</u> <u>OF Road.</u>		

Diversion Information

GPS Site Tag No.:	<u>A 0018994</u>	GPS File Name:	<u>A0018994</u>
GPS Tag Location:	<u>ON TREE NEXT TO DIVERSION</u>		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>STREAM BANK CUT OUT</u> <u>FREE FLOW THROUGH DITCH</u>		
_____			
_____			
_____			

Headgate and Measuring Device Description

Existing Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Headgate: _____	
_____	
Existing Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: _____	Size: _____
Description of Measuring Device: _____	
_____	
_____	

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading: _____	Table Used: _____
Weir/Flume Reading: _____	
<input type="checkbox"/> Flow Measurement Form Attached	
Q = _____	

Daniel A. M 5-7-09  
Examiner Date Time

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary:	<u>DEEP CREEK</u> tributary to <u>MAPLE CREEK</u>		
Diversion Name:	<u>CHATTER TON'S</u>		
Point of Diversion:	Twp. _____	Rng. _____	Sec. _____ QQ _____
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____		
	See attached <input type="checkbox"/>		
Access:	<u>PRIVATE LANE UP TO DIVERSION.</u>		
	_____		
	_____		

Diversion Information

GPS Site Tag No.:	<u>A 0018998</u>	GPS File Name:	<u>A 0018998</u>
GPS Tag Location:	<u>ON CEMENT IN FLOW.</u>		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>CEMENT INTAKE TO PIPE</u> <u>TO CULVERT SUMP. DISTRIBUTED</u> <u>FROM THERE.</u>		
	_____		
	_____		

Headgate and Measuring Device Description

Existing Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Headgate: _____	
_____	
Existing Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: _____	Size: _____
Description of Measuring Device: _____	
_____	
_____	

☒ Diversion sketch on reverse

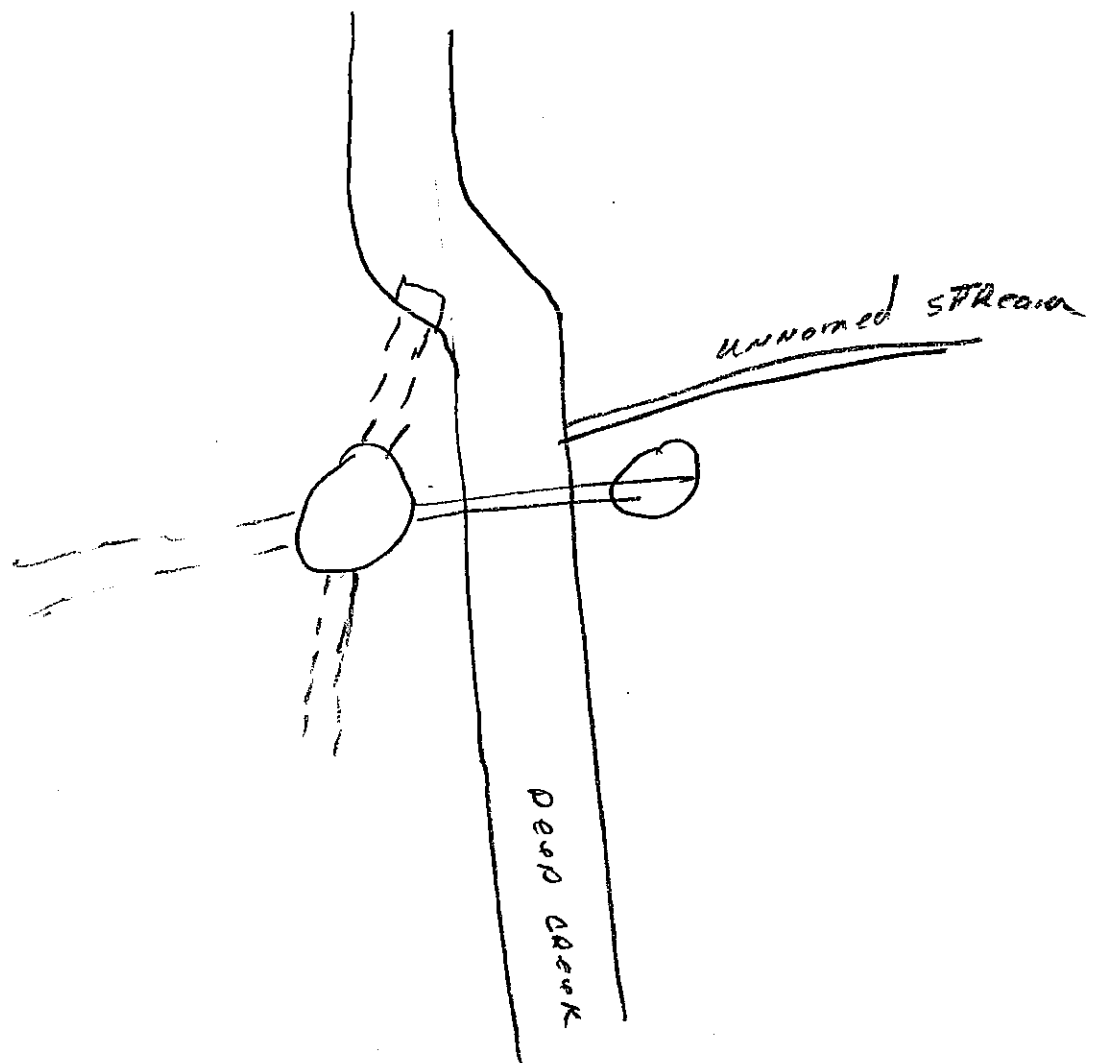
Measurement

Staff Gage Reading: _____	Table Used: _____
Weir/Flume Reading: _____	
<input type="checkbox"/> Flow Measurement Form Attached	
Q = _____	

Samuel A. Meln  
Examiner

5-7-09  
Date

\_\_\_\_\_  
Time



Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13 A

General Information

Source/Tributary:	<u>Maple Creek</u> tributary to <u>Cub River</u>		
Diversion Name:	<u>Frankland Maple Irrigation Dist Diversion</u>		
Point of Diversion:	Twp. <u>16S</u>	Rng. <u>40E</u>	Sec <u>14</u> QQ <u>SWNW</u>
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____ _____ _____		
	See attached <input type="checkbox"/>		
Access:	_____ _____ _____		

Diversion Information

GPS Site Tag No.:	<u>A 0018999</u>	GPS File Name:	<u>A 0018999</u>
GPS Tag Location:	_____		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>Cement Diversion Dam</u> <u>with headgate on south side of creek.</u> <u>Headgate diverts into pipe.</u> _____ _____		

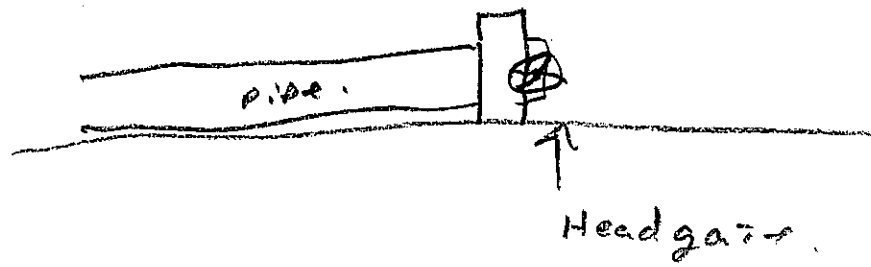
Headgate and Measuring Device Description

Existing Headgate? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable Headgate? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Description of Headgate: <u>Standard Headgate.</u> _____	
Existing Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: _____ Size: _____	
Description of Measuring Device: <u>water master said</u> <u>a weir was on system, but I couldn't</u> <u>find it. There was a pipe directly</u> <u>out of creek.</u> _____	
<input checked="" type="checkbox"/> Diversion sketch on reverse	

Measurement

Staff Gage Reading: _____	Table Used: _____
Weir/Flume Reading: _____	
<input type="checkbox"/> Flow Measurement Form Attached	
Q = _____	

Daniel A. Mela 5-7-09  
Examiner Date Time



Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary: Maple Creek tributary to Cub River  
Diversion Name: Back Ditch  
Point of Diversion: Twp. 16S Rng. 40E Sec 15 QQ NESF  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: \_\_\_\_\_  
See attached ☐  
Access: FROM ROAD DOWN TO CREEK 100 YARDS  
AND ACROSS CREEK.

Diversion Information

GPS Site Tag No.: A0018996 GPS File Name: A0018996  
GPS Tag Location: \_\_\_\_\_  
Photo? ☐ Yes ☐ No Photo File Name: \_\_\_\_\_  
Description of diversion: Cement Dam in middle  
OF CREEK - BEARDS ROUTE WATER TO  
NW side OF CHANNEL WHERE WATER  
IS CHANNELLED BY A ROCK DAM TO A  
Slide Headgate.

Headgate and Measuring Device Description

Existing Headgate? ☒ Yes ☐ No Lockable Headgate? ☐ Yes ☒ No  
Description of Headgate: Slide Headgate  
Existing Measuring Device? ☐ Yes ☒ No  
Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Description of Measuring Device: \_\_\_\_\_  
WATER MASTER SAID HE THOUGHT  
THEY HAD A WEIR, BUT NEVER FOUND

☒ Diversion sketch on reverse

Measurement

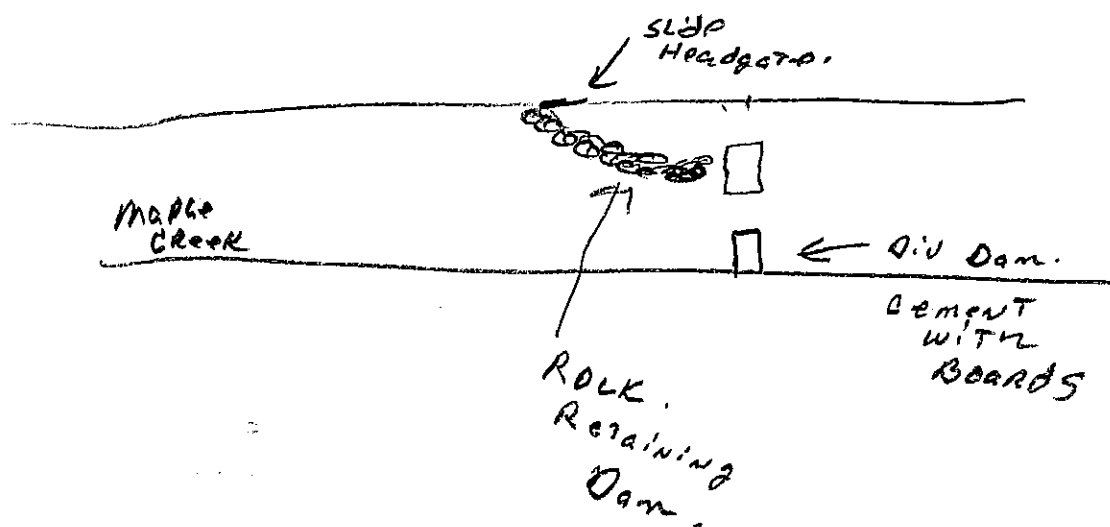
Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

Daniel A. M...  
Examiner

5-7-09  
Date

Time





Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13 A.

General Information

Source/Tributary: Maple Creek tributary to Cub River  
Diversion Name: Dixie Bench  
Point of Diversion: Twp. 16S Rng. 40E Sec 15 QQ SESW  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: \_\_\_\_\_  
See attached ☐  
Access: 4-Wheeler Trail on walk in 1/2 mile  
From Road.

Diversion Information

GPS Site Tag No.: A0019000 GPS File Name: A0019000  
GPS Tag Location: ON Headgate.  
Photo? ☐ Yes ☐ No Photo File Name: \_\_\_\_\_  
Description of diversion: Slide Headgate to  
Ditch.

Headgate and Measuring Device Description

Existing Headgate? ☒ Yes ☐ No Lockable Headgate? ☐ Yes ☒ No  
Description of Headgate: Slide Headgate.  
Existing Measuring Device? ☐ Yes ☒ No  
Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Description of Measuring Device: Water master said there was a weir  
but none found.

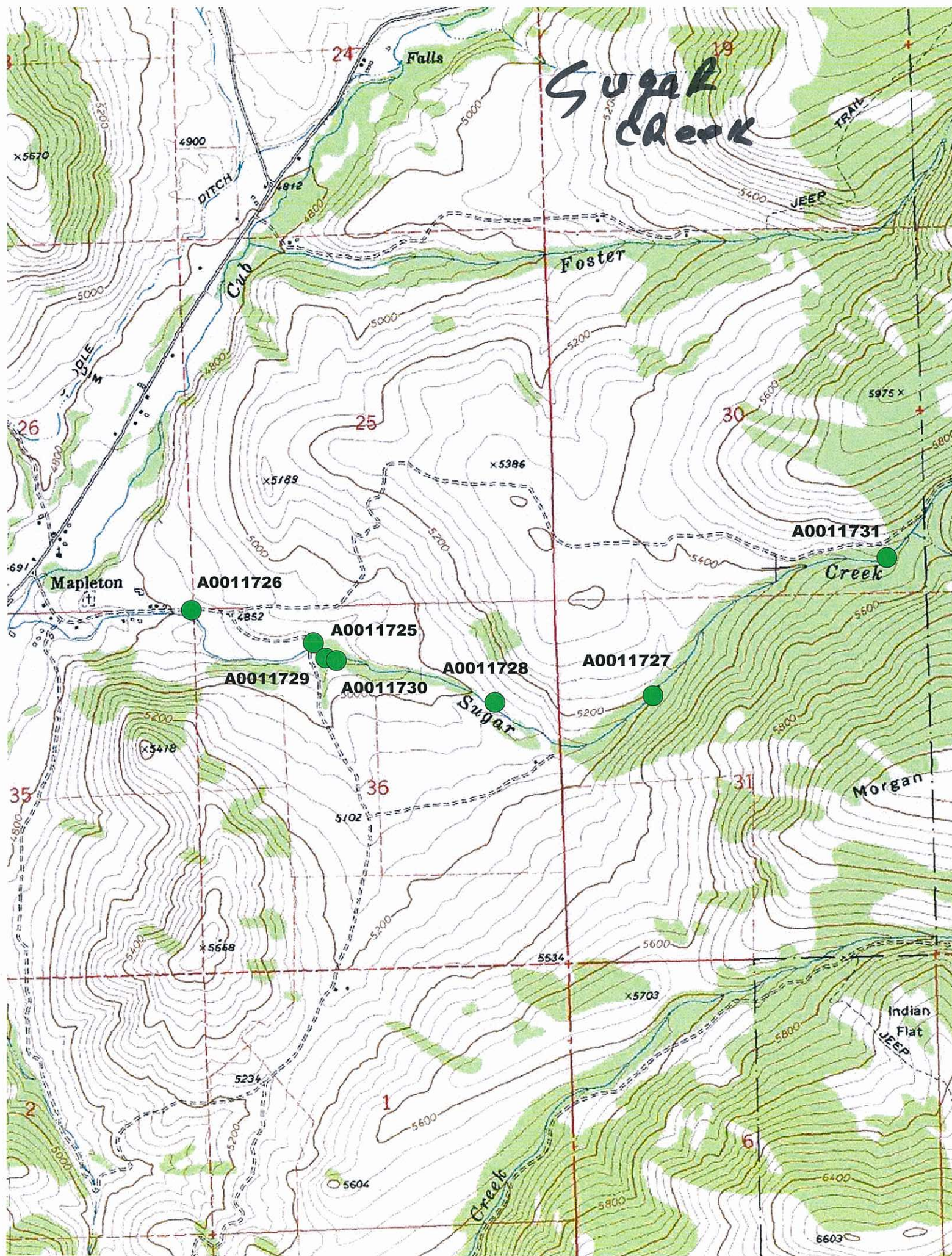
☐ Diversion sketch on reverse

Measurement

Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

Daniel A. Mahr 5-7-09  
Examiner Date Time







Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary:	<u>SUGAR CREEK</u> tributary to <u>CUB RIVER</u>		
Diversion Name:	<u>UNKNOWN</u>		
Point of Diversion:	Twp. <u>15S</u>	Rng. <u>40E</u>	Sec <u>35</u> QQ <u>NENE</u>
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____		
	See attached <input type="checkbox"/>		
Access:	<u>10 YARDS SOUTH OF ROAD</u>		
	_____		
	_____		

Diversion Information

GPS Site Tag No.:	<u>A0011726</u>	GPS File Name:	<u>A0011726</u>
GPS Tag Location:	<u>ON CEMENT LID OF SUMP.</u>		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>PUMP DIVERTING OUT</u> <u>OF SUMP. DOESN'T LOOK LIKE IT</u> <u>HAS BEEN USED FOR AWHILE.</u>		
	_____		
	_____		

Headgate and Measuring Device Description

Existing Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable Headgate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Headgate: _____	
_____	
Existing Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: _____	Size: _____
Description of Measuring Device: _____	
_____	
_____	

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading: _____	Table Used: _____
Weir/Flume Reading: _____	
<input type="checkbox"/> Flow Measurement Form Attached	
Q = _____	

Daniel A. M...  
Examiner

5-4-09.  
Date

Time

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13 A.

General Information

Source/Tributary: SUGAR CREEK tributary to CUB RIVER  
Diversion Name: UNKNOWN  
Point of Diversion: Twp. 15S Rng. 40E Sec. 36 QQ NENW  
USGS Map: Name \_\_\_\_\_ No. \_\_\_\_\_  
Water Right Nos.: \_\_\_\_\_  
See attached ☐  
Access: Beside ROAD Next to  
CULVERT Delivering SUGAR CREEK  
UNDER ROAD.

Diversion Information

GPS Site Tag No.: A 0011725 GPS File Name: A 0011725  
GPS Tag Location: ON Headgate  
Photo? ☐ Yes ☐ No Photo File Name: \_\_\_\_\_  
Description of diversion: Slide Headgate Next  
TO CULVERT

Headgate and Measuring Device Description

Existing Headgate? ☒ Yes ☐ No Lockable Headgate? ☐ Yes ☒ No  
Description of Headgate: Slide Headgate  
Existing Measuring Device? ☐ Yes ☒ No  
Measuring Device Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Description of Measuring Device: \_\_\_\_\_

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading: \_\_\_\_\_  
Weir/Flume Reading: \_\_\_\_\_ Table Used: \_\_\_\_\_  
☐ Flow Measurement Form Attached  
Q = \_\_\_\_\_

Daniel A. Nelson  
Examiner

5-4-09  
Date

Time

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary:	<u>SUGAR CREEK</u> tributary to <u>CUB RIVER</u>		
Diversion Name:	<u>UNKNOWN</u>		
Point of Diversion:	Twp. <u>15S</u>	Rng. <u>40E</u>	Sec <u>36</u> QQ <u>NENW</u>
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____ _____ _____		
See attached <input type="checkbox"/>			
Access:	<u>25-50 YARDS EAST OF LANE.</u>		
_____ _____			

Diversion Information

GPS Site Tag No.:	<u>A0011729</u>	GPS File Name:	<u>A00789</u>
GPS Tag Location:	_____		
Photo? <input type="checkbox"/> Yes <input type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>DITCH FROM CREEK TO</u> <u>HEADGATE. ALSO INCLUDED A0011730 WHICH</u> <u>IS A DIVERSION FROM DITCH, BUT COULD</u> <u>BE A COLLECTION POINT FROM UNNAMED</u> <u>STREAM COMING FROM THE NORTH.</u>		

Headgate and Measuring Device Description

Existing Headgate?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable Headgate?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Description of Headgate:	<u>HEADGATE ON DIVERSION FROM</u> <u>CREEK ~ NO HEADGATE ON A0011730 LOCATION</u>		
Existing Measuring Device?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Size: _____	
Measuring Device Type:	_____		
Description of Measuring Device:	_____ _____ _____		

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading:	_____	Table Used:	_____
Weir/Flume Reading:	_____	_____	
<input type="checkbox"/> Flow Measurement Form Attached	_____		
Q =	_____		

David A. Miller 5-4-09  
Examiner Date Time

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary:	<u>SUGAR CREEK</u> tributary to <u>CHUB.</u>		
Diversion Name:	<u>UNKNOWN</u>		
Point of Diversion:	Twp. <u>15S</u>	Rng. <u>40E</u>	Sec <u>36</u> QQ <u>SENE</u>
USGS Map:	Name _____	No. _____	
Water Right Nos.:	_____		
	See attached <input type="checkbox"/>		
Access:	<u>WALK IN 1/2 MILE CATTLE GARD</u> <u>OR CROSS CREEK UPSTREAM OF HOUSE</u> <u>@ POWER HOUSE.</u>		

Diversion Information

GPS Site Tag No.:	<u>A0011728</u>	GPS File Name:	<u>A0011728</u>
GPS Tag Location:	<u>ON STAND PIPE</u>		
Photo?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Photo File Name:	_____
Description of diversion:	<u>PERFORATED PIPE IN STRAIN</u>		
	_____		
	_____		
	_____		

Headgate and Measuring Device Description

Existing Headgate?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable Headgate?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Headgate:	_____		
	_____		
Existing Measuring Device?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Measuring Device Type:	_____	Size:	_____
Description of Measuring Device:	_____		
	_____		
	_____		

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading:	_____	Table Used:	_____
Weir/Flume Reading:	_____		
<input type="checkbox"/> Flow Measurement Form Attached			
Q =	_____		

Daniel A. Melzer  
Examiner

5-4-09  
Date

Time



Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 134

General Information

Source/Tributary:	<u>SUGAR CREEK</u>	tributary to	<u>CUB RIVER</u>
Diversion Name:	<u>POWER DIVERSION</u>		
Point of Diversion:	Twp. <u>15S</u>	Rng. <u>11E</u>	Sec <u>31</u> QQ <u>SWNW</u>
USGS Map:	Name	No.	
Water Right Nos.:			
See attached <input type="checkbox"/>			
Access:	<u>ROUGH LANE TO DIVERSION</u>		
	<u>@ END OF ROAD</u>		
	<u>ROAD BY HAYBARN.</u>		

Diversion Information

GPS Site Tag No.:	<u>A0011737</u>	GPS File Name:	<u>A0011727</u>
GPS Tag Location:	<u>ON STANDPIPE</u>		
Photo?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Photo File Name:	
Description of diversion:	<u>PERFORATED PIPE IN</u>		
	<u>STREAM BED.</u>		

Headgate and Measuring Device Description

Existing Headgate?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lockable Headgate?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Headgate:			
Existing Measuring Device?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Measuring Device Type:		Size:	
Description of Measuring Device:			

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading:		Table Used:	
Weir/Flume Reading:			
<input type="checkbox"/> Flow Measurement Form Attached			
Q =			

Daniel A. Mohr  
Examiner

5-4-09  
Date

Time

Idaho Dept. of Water Resources  
GPS Field Data and Diversion Inventory  
Water District No.: 13A

General Information

Source/Tributary:	<u>Sugar Creek</u>	tributary to	<u>Sub River</u>
Diversion Name:	<u>UNKNOWN</u>		
Point of Diversion:	Twp. <u>15S</u>	Rng. <u>41E</u>	Sec <u>30</u> QQ <u>SESE</u>
USGS Map:	Name _____	No.	_____
Water Right Nos.:	_____		
	See attached <input type="checkbox"/>		
Access:	<u>Road to above diversion</u> <u>The downhill 100yds.</u>		

Diversion Information

GPS Site Tag No.:	<u>A 0011731</u>	GPS File Name:	<u>A 0011731</u>
GPS Tag Location:	<u>ON Headgate</u>		
Photo? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Photo File Name: _____		
Description of diversion:	<u>DIVERSION OUT OF</u> <u>Creek THROUGH Headgate INTO PIPE</u>		

Headgate and Measuring Device Description

Existing Headgate? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lockable Headgate? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Description of Headgate: _____	
_____	
Existing Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Measuring Device Type: _____	Size: _____
Description of Measuring Device: _____	
_____	

☐ Diversion sketch on reverse

Measurement

Staff Gage Reading: _____	Table Used: _____
Weir/Flume Reading: _____	
<input type="checkbox"/> Flow Measurement Form Attached	
Q = _____	

David A. Nelson  
Examiner

5-4-09  
Date

Time