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 4th, 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	Measurement	Water	Owner if
		Lockable?	Device	Rights	known
A0011726	NO	NO	NO	13-7332	Mapleton
	1				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	Measurement	Water	Owner if
_		Lockable?	Device	Rights	known
A0019000	YES	NO	NO	13-47	Hawkes,
					Howarth,
					Robinson,
					Whitehead,
					Wickham, and
					Wright
A0018996	YES	NO	NO	13-48	Robinson,
				13-49	Stockdale,
				13-50	Woodward, and
					Gayman
A0018999	YES	YES	MAYBE	13-43	Franklin Maple
				13-44	Creek Pioneer
				13-45	Irrigation
				13-46	
A0018998	NO	NO	NO	13-53A	Chatterton,
					Gibson, Jensen,
					and Loure
A0018995	NO	NO	NO	13-4098	Gibson
A0018994	NO	N0	NO	13-4098	Gibson
E0006951	NO	NO	NO	13-2070	City of
				13-51	Franklin
				13-2071	(PLEASE SEE
	1				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	Measurement	Water	Owner if
		Lockable?	Device	Rights	known
NO TAG	NO	NO	NO	13-267	Smith and
DIV 1				13-305A	Owen
A0012038	YES	NO	NO	13-302	Upper Preston
DIV 2				13-2022	Whitney
]			13-2287	Reservoir
				13-2102	Company
				13-300	
				13-299	
A0012309	YES	YES	YES	13-271	Preston
DIV 3				13-2103	Whitney
				13-2108	Irrigation
				13-2288	Company
					Reservoir
A0012032	YES	YES	NO	13-133	Preston
DIV 4				13-143	Eastside Water
					Company
NO TAG	NO	NO	NO	13-279	Hulse and
DIV 5					Oliverson
A00112037	YES	YES	NO	13-253	Porter
DIV 6				13-262	
A0012034	YES	YES	NO	13-207	Tanner
DIV 7]			13-208	Buckstead
					Ditch Co.
A0012098	YES	YES	NO	13-266	Alder
DIV 8					
A0018991	NO	NO	NO	13-213	Oliverson

WORM CREEK INVENTORY CONTINUED:

Site tag	Headgate	Headgate	Measurement	Water	Owner if
		Lockable?	Device	Rights	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	Lynn and
				13-66 13-67	Vaughn Larsen
				13-68	and Merlin
					Gilbert
A0018990	YES	YES	NO	13-63	Melvin Gilbert
	1			13-263	

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:

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

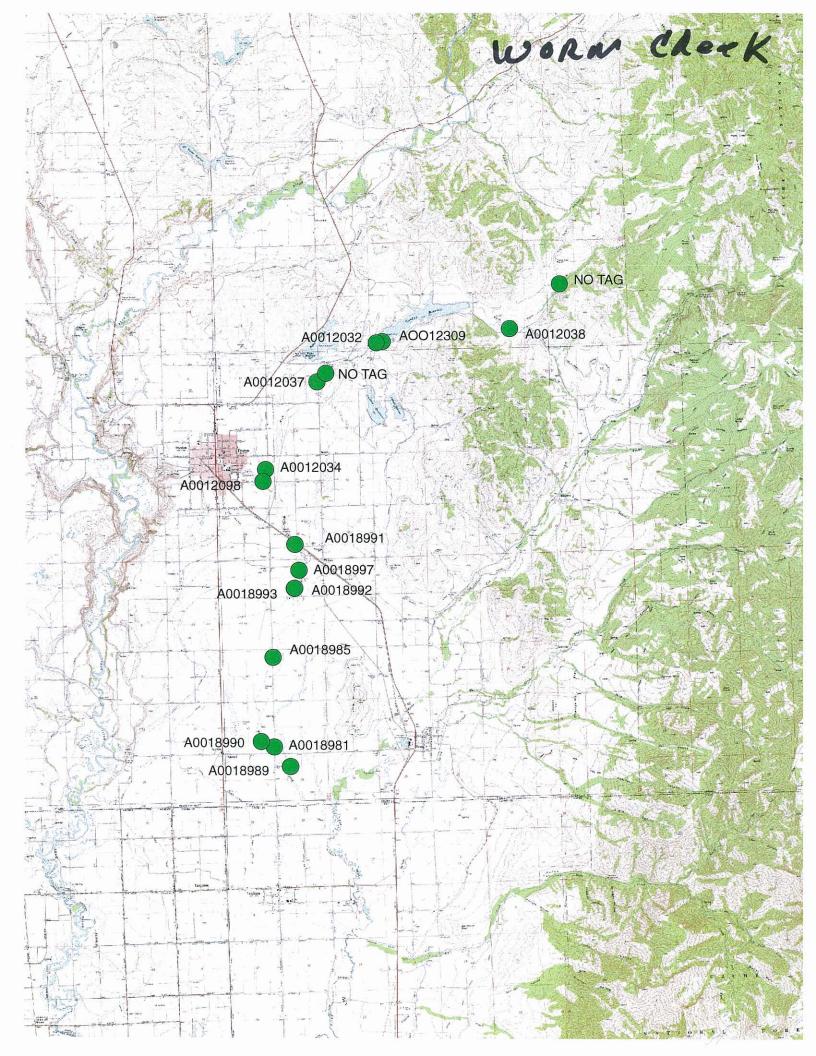
The first project was to calibrate the Preston overflow meter. This is the meter that measures the water overflowing the city's water tanks that discharges into Foster Reservoir. This meter was obviously not working properly. It would run up to 1600 gpm and then slow down to 400 gpm. The entire I observed this meter, the outflow into the reservoir did not very. 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.

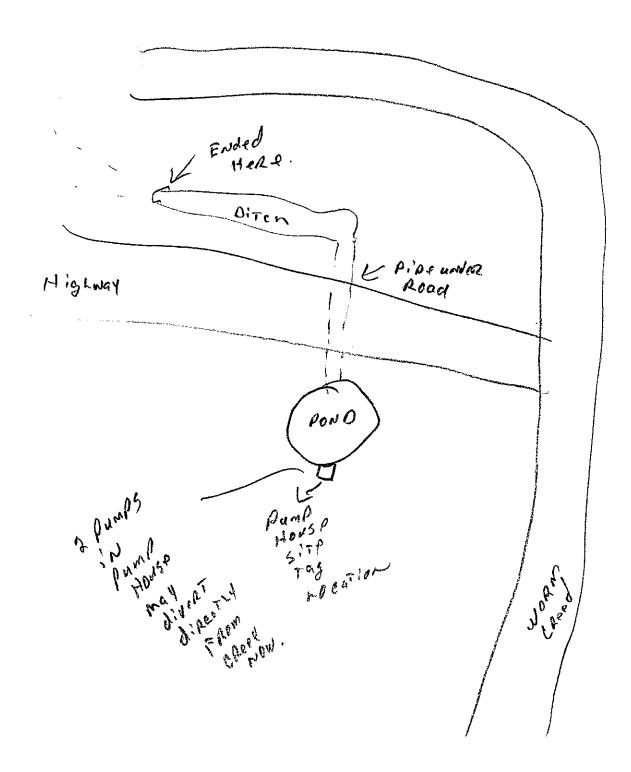


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Point of Diversion: Twp. 155 Rng. 398 Sec 36 QQ WESW
USGS Map: Name No.
Water Right Nos.: 13-213
13.524
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Photo? Yes No Photo File Name:
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Date

Time

Examiner



Examiner

Canal O'ORS'ON INTO WORM Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory CREEK

Time

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Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory

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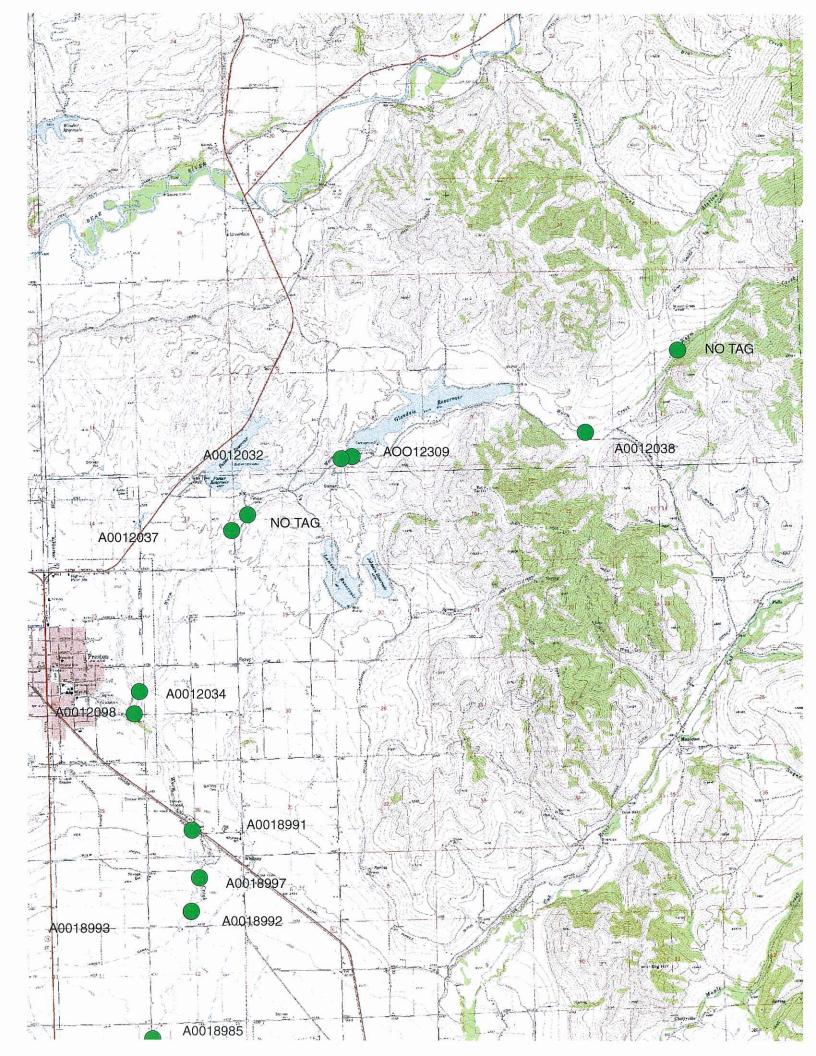
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Diversion sketch on reverse Measurement Staff Gage Reading: Veir/Flume Reading: Table Used: Flow Measurement Form Attached The standard of the standard o	Deservation of Masses	pe size.
Measurement Staff Gage Reading: Veir/Flume Reading: Table Used: J Flow Measurement Form Attached 2 = Welson 5-1-09	Description of Measu	Ting Device:
Measurement Staff Gage Reading: Veir/Flume Reading: Table Used: J Flow Measurement Form Attached 2 = Welson 5-1-09		
Measurement Staff Gage Reading: Veir/Flume Reading: Table Used: J Flow Measurement Form Attached 2 = Welson 5-1-09		and the same of th
Measurement Staff Gage Reading: Veir/Flume Reading: Table Used: Flow Measurement Form Attached Table Used: A Welson 5-1-09		
Staff Gage Reading: Veir/Flume Reading: Table Used: Ta	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Staff Gage Reading: Veir/Flume Reading: Table Used: Ta	Diversion sketch	on reverse
Veir/Flume Reading: Table Used: Table Used: Table Used: Table Used: A Melson 5-1-09		on reverse
Flow Measurement Form Attached P= Damid A Nelson 5-7-09	Measurement	
Flow Measurement Form Attached P= Damid A Nelson 5-7-09	Measurement Staff Gage Reading: _	
Daniel A Nelson 5-7-09	Measurement Staff Gage Reading: _ Weir/Flume Reading:	Table Used:
Daniel A Nelson 5-7-09	Measurement Staff Gage Reading: _ Weir/Flume Reading:	Table Used:
	Measurement Staff Gage Reading: _ Weir/Flume Reading: Flow Measuremen	Table Used:t Form Attached
	Measurement Staff Gage Reading: _ Weir/Flume Reading: Flow Measuremen	Table Used:t Form Attached
	Measurement Staff Gage Reading: _ Weir/Flume Reading: Flow Measuremen	Table Used:t Form Attached
Examiner Date Time	Measurement Staff Gage Reading: Weir/Flume Reading: Flow Measuremen	Table Used:t Form Attached

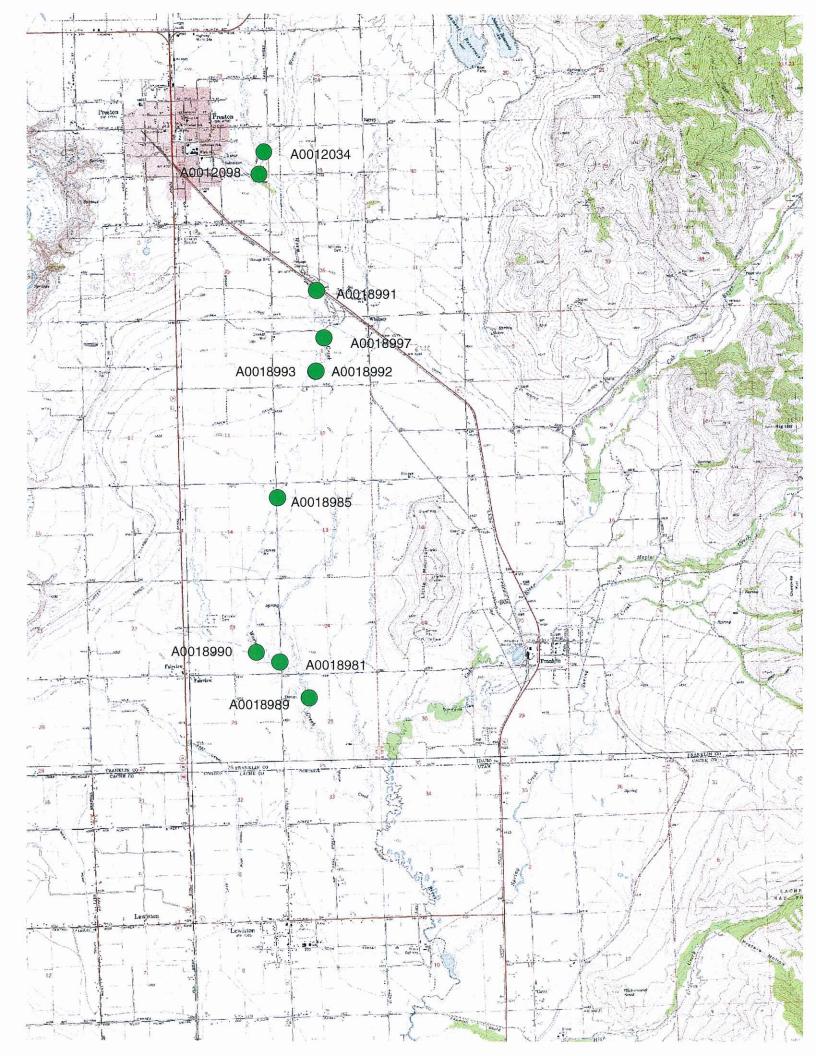
Loso stat! pipe oppiren

General Information Meluin	Vilbert-
I Source/Tributary 4.444 44 44	all tribustomer to
Diversion Name: UNK NOW	\sim
Point of Diversion: Twp. 165 Rr	ng. 39 E Sec 23 QQ SausE
	NO.
11 and 102 11 1103	
13-263	
See attached	
Access: /4 mile Walk	in Fhom Ros D
701 1 7 0	
Diversion Information	
GPS Site Tag No.: A0018 990	GPS File Name: A 0018990
GPS Tag Location: ON Pump	Discharge AiDe.
Photo? Yes X No	Photo File Name: A 0018990. Photo File Name:
Description of diversion: Pump	in Creek,
Headgate and Measuring Device Descript Existing Headgate? X Yes No	tion
Existing Headgate? Yes No	Lockable Headgate? X Yes No
Description of Headgate: CANTROL	- Value on Pump.
Existing Measuring Device? Yes YN	O
incusuring Device Type.	Size:
Description of Measuring Device:	
Diversion sketch on reverse	
Measurement	
Staff Gage Reading:	
Weir/Flume Reading:	Table Used:
Flow Measurement Form Attached	Table Osed!
) =	
A price A. Melan	7.00
Examiner Examiner	
TVOTHING	Date Time

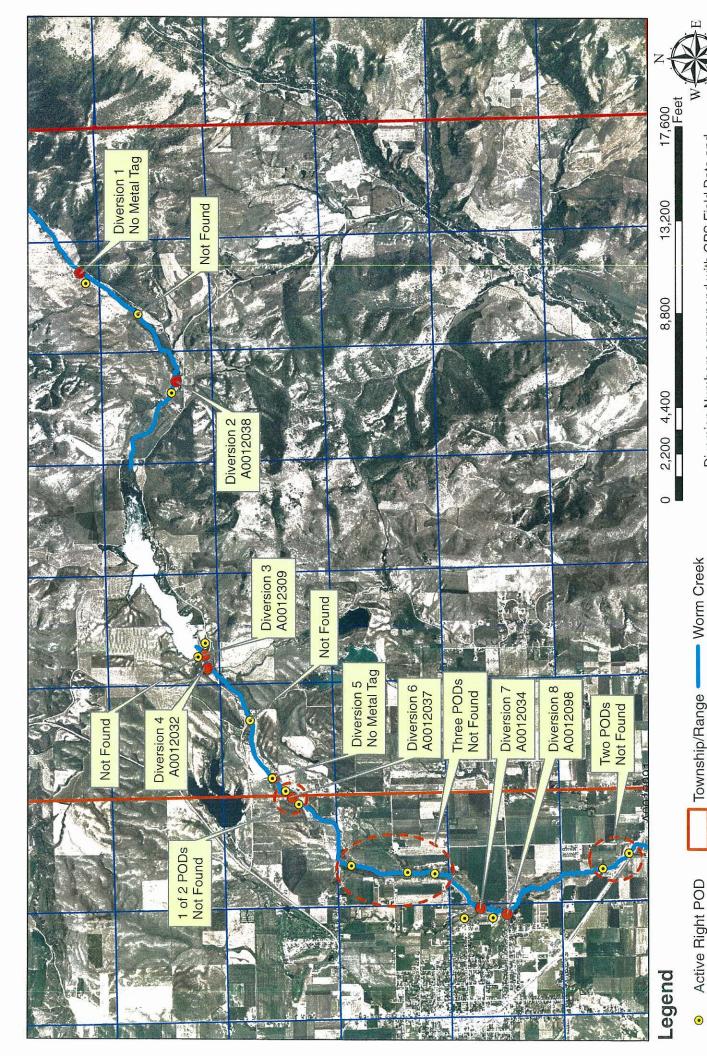
General Information Burtis Hell
Source/Tributary: LLORM CREPK tributary to Cub River
Diversion Name: UNKNOWN Point of Diversion: Twp. 105 Rng. 39 E Sec 23 QQ SESE
USGS Map: Name No
Water Right Nos.: 13-324
13-294
Water Right Nos.: 13-324 / /3 - 294 / See attached _
Access: 10 FT West of Road.
Diversion Information
GPS Site Tag No.: A 0018981 GPS File Name: A0018981
GPS Tag Location: ON O'S Charte PiPe OF PUMP
GPS Tag Location: ON O'S Charte P:Pe OF PunP Photo? Yes No Photo File Name:
Description of diversion: 5 mall pond with
Pump Diverting out water.
Headgate and Measuring Device Description
Existing Headgate? Yes No Lockable Headgate? Yes No
Description of Headgate: Control Wehre on famp.
Description of Headgate: CONTROL WELVE ON POND. O'S Charge P: Pl.
Existing Measuring Device? Tyes 🔀 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
O =
\bigcirc . \bigcirc . \bigcirc
1 mil A. Mde 5-7-09
Examiner Date Time

General information			
Source/Tributary: wor	2m CROOK	tributary to	ub River
Diversion Name:	INKNOU	N.	
Point of Diversion: Twp. /	65 Rng. 7	9 F Sec 24	QQ <u>5ENW</u> _ No
USGS Map: Name			No.
Water Right Nos.: 13-3,141	13-51/	·	
13-24			
See attach	7 ed []		······································
Access: 14 mile	· ·		1. 1
1100033. 74 M 1 L 4	WOIK 1	~ PRONC	Raga
This would be T. C			
Diversion Information			
GPS Site Tag No.: A 0018	<u>989</u>	PS File Name: _	A0018989 .
GPS Tag Location:	1 Pump	Dis cha.	Rg. 4.
GPS Tag Location: Photo? Yes No	P	hoto File Name: _	
Description of diversion:	Pump	007 0	F AOND
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Headgate and Measuring Devi Existing Headgate? X Yes Description of Headgate:	No L	ockable Headgate	
	- 1 3 -		
Existing Measuring Device?	Yes 🗷 No	٠.	
Measuring Device Type: Description of Measuring Devic		Size):
Description of Measuring Devic	e:		
Diversion sketch on reverse)		
Measurement			
Staff Gage Reading:			
Weir/Flume Reading:		hla Head	
There Magazzass and Estate All		able Used:	
Flow Measurement Form Att	acned		
Q=			
(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/	مسامن معود	
Daniel A. M	elen	5-7-09	
Examiner		Date	Time









Upper Worm Creek Diversions (N. of HWY 91)

Sections

Observed Div 5-7-09

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

General Information	Gen	eral	Inform	ation
---------------------	-----	------	--------	-------

deneral information	
Source/Tributary: Worm Creek	tributary to: Cub River
Diversion Name: Diversion 1	unbatary to. Oub Hivei
Point of Diversion: TWNP: 15	S PNC: 40E
SEC: 2	
	QQ: SWSE
Water Right No's.: 13-267; 13-30	J5A
See Attached	
· ·	
line confluence with Man	k from FS road at location of Mink Creek pipe
ine confidence with Worl	m Creek, diversion is just downstream.
	
Diversion Information	
GPS Site Tag No.: None	GPS File Name: None
GPS Tag Location: None	
Photo(s): Ves	No Photo File Name:
1 11010(6).	1 No Photo File Name:
Description of Discustration	
Description of Diversion: 1h	ere were no permanent structures or devices
at this diversion, diversion	1 Was accomplished with an in-stream
<u>rock (river cobble) diversi</u>	on dam and blue plastic material. As such
no metal GPS tag was ins	stalled.
GPS Coordinates: N 2686	5253 ; E 1218262 (meters)
	7200 ; E 1210202 (Illeters)
Diversion Sketch Attack	ned.
Headgate (HG) and Measuring	Device Description
Existing Headgate: TYes	No Lockable HG?
Desc. Of Headgate: N/A	Econdate IId: 100 100 100 100
	_ _
	
	Yes No
Measuring Device Type: N/A	A Size: N/A
Desc. Of Measuring Device: N/A	
<u> </u>	
	
Measurement	
Staff Guage Reading: N/A	
Weir/Flume Reading: N/A	Table Used: N/A
$\mathbf{Q} = < 0.50 \text{ cfs}$ (visu	ual estimation)
	-
Flow Measurement Form	1
	·
Additional Notae: Water discussed	t t
Point contour and travelled	into earth ditch that followed the diversion
boint contour and travelled to the west, the	ne diversion ditch delivers water to points
in-observed miles downstream, refer to	pictures. Referred to as Mount Pizco Ditch.
Mat Weaver	5/7/2009
Examiner	Date Time

Ge	nera	al Ir	1for	mat	ion
-		21 11	uvi	HICH	IUI

Source/Tributary:	Worm Cree	k	tributary t	to: Cub River
	Diversion 2	(Upper Pres		servoir Co. Head Gate)
Point of Diversion:				G: 40E
	SEC:		Q	Q: NWSE
USGS Map:		Riverdale		No. <u>DD44</u>
Water Right No's.:	13-302; 13-2	2022; 13-228	7; 13-2102, 13	-300, 13-299
			·	
	See Attache	d 「		
Access:	Gravel drive	off of Glend	ale Road to div	ersion dam located
on east pro	perty line of	the Webster	Farm.	
Diversion Informati	ion			
GPS Site Tag No.:			GPS File Nam	
GPS Tag Location:		ng wall (upst		
Photo(s):	✓ Yes	_	hoto File Nam	
FIIOIO(S);	1: 100	70.11 0	лосо гне мап	
Description of	Diversion:	Concrete dar	n in Worm Cree	ek checks flow into
				ime has concrete
	sidewall, and		<u> </u>	and not controlle
				
			<u> </u>	
				·
			 -	
☐ Diversion	n Sketch Atta	ached		
Headgate (HG) and	Measurin	g Device I	Description	
Existing Headgate:	▼ Yes	□ No	Lockable H	G? 「Yes ▼ No
Desc. Of Headgate:				
				ld be easily modified
	odate a lock		ga.o bat oou	a so odony modifica
•		Γ Yes	- No	
Existing Measuri Measuring De		1 169	J♥ IVU	Cimo.
Desc. Of Measuri				Size:
Desc. Of Measure	"A Dealce!			
				
Measurement		_		
Staff Guage Reading:	NI/Δ			
Weir/Flume Reading:			Table Use	ad: N/A
_	~ 4 cfs (con	tinuity equ	Table US	su. <u>IV/A</u>
Q =	UIS (COII	munty equi		
☐ Flow Me	asurement F	orm		
A distant a visit of				
Additional Notes:				
<u>.</u>				
Mat Weaver			5/7/2009	
Examiner		_	5/7/2009 Date	Time

	n
Source/Tributary:	Worm Creek tributary to: Cub River
Diversion Name:	Diversion 3 (Preston Whitney Irr. Co. Head Gate)
Point of Diversion:	TWNP: 15S RNG: 40E
	SEC: 8 QQ: SESW
USGS Map:	
Water Right No's.:	13-271; 13-2103
	See Attached
Access:	Service Road off of Glendale Road directly below dam.
	
Diversion Informati	on .
GPS Site Tag No.:	
_	Side of wing wall, downstream side.
Photo(s):	Yes Photo File Name:
	Diversion: Two sets of sluice gates control water on the
	below dam. One set of sluice gates control flow down the
	other set of sluice gates diverts water out of ditch and into ume that sits ~40 feet above the Preston Whitney Irr. Ditch.
	om of flume water is directed into ditch for conveyance down-
stream.	on or name water is directed into ditor for conveyance down-
<u>Jacourn.</u>	
☐ Diversion	n Sketch Attached
Headgate (HG) and	Measuring Device Description
Existing Headgate:	☑ Yes ☐ No Lockable HG? ☑ Yes ☐ No
	Two rectangular wooden sluice gates (~4' wide each) can
	nd closed to allow water to flow perpendicularly out of the canal.
	nd closed to allow water to flow perpendicularly out of the canal.
Sluice gate	es had working screws and locks during site visit.
Sluice gate Existing Measuri	ng Device: Yes No
Sluice gate Existing Measuri Measuring De	ng Device: Yes No Size: 4' throat
Sluice gate Existing Measuri Measuring De Desc. Of Measuri	ng Device: Parshall flume with staff gage. Throat of
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo	ng Device: Ves No No Size: 4' throat ng Device: Concrete Parshall flume with staff gage. Throat of our feet wide, staff gage was in excellent condition and located
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo	ng Device: Parshall flume with staff gage. Throat of
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo	ng Device: Ves No No Size: 4' throat ng Device: Concrete Parshall flume with staff gage. Throat of our feet wide, staff gage was in excellent condition and located
Sluice gate Existing Measuring De Desc. Of Measuring P.F. was for in a stilling Measurement	shad working screws and locks during site visit. Ing Device: Yes No Evice Type: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Our feet wide, staff gage was in excellent condition and located Well on east side of flume.
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo in a stilling Measurement Staff Guage Reading:	shad working screws and locks during site visit. Ing Device: Yes No Evice Type: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Our feet wide, staff gage was in excellent condition and located well on east side of flume.
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo in a stilling Measurement Staff Guage Reading: Weir/Flume Reading:	shad working screws and locks during site visit. Ing Device: Yes No Ing Device: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Our feet wide, staff gage was in excellent condition and located well on east side of flume.
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo in a stilling Measurement Staff Guage Reading: Weir/Flume Reading:	shad working screws and locks during site visit. Ing Device: Yes No Ing Device: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Our feet wide, staff gage was in excellent condition and located well on east side of flume.
Sluice gate Existing Measuring De Desc. Of Measuring P.F. was for in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q =	os had working screws and locks during site visit. Ing Device: Yes No Evice Type: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Our feet wide, staff gage was in excellent condition and located Well on east side of flume. One of mot measureable Table User In Table User
Sluice gate Existing Measuring De Desc. Of Measuring P.F. was for in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q =	ong Device: Yes I No evice Type: Parshall Flume Size: 4' throat ong Device: Concrete Parshall flume with staff gage. Throat of our feet wide, staff gage was in excellent condition and located well on east side of flume.
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q =	on the sure and locks during site visit. Table Usec Size: 4' throat
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q =	os had working screws and locks during site visit. Ing Device: Yes No Evice Type: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Our feet wide, staff gage was in excellent condition and located Well on east side of flume. One of mot measureable Table User In Table User
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q =	on the sure and locks during site visit. Table Usec Size: 4' throat
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q =	on the sure and locks during site visit. Table Usec Size: 4' throat
Sluice gate Existing Measuring De Desc. Of Measuring P.F. was for in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q = Flow Me Additional Notes:	shad working screws and locks during site visit. Ing Device: Yes F No Evice Type: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Dour feet wide, staff gage was in excellent condition and located Well on east side of flume. O not measureable Table Use <0.10 cfs asurement Form Entire system in good working order.
Sluice gate Existing Measuri Measuring De Desc. Of Measuri P.F. was fo in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q = Flow Me Additional Notes: Mat Weaver	as had working screws and locks during site visit. Ing Device: Yes F No Evice Type: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Our feet wide, staff gage was in excellent condition and located Well on east side of flume. Onot measureable Table User <0.10 cfs assurement Form Entire system in good working order. 5/7/2009
Sluice gate Existing Measuring De Desc. Of Measuring P.F. was for in a stilling Measurement Staff Guage Reading: Weir/Flume Reading: Q = Flow Me Additional Notes:	shad working screws and locks during site visit. Ing Device: Yes F No Evice Type: Parshall Flume Size: 4' throat Ing Device: Concrete Parshall flume with staff gage. Throat of Dour feet wide, staff gage was in excellent condition and located Well on east side of flume. O not measureable Table Use <0.10 cfs asurement Form Entire system in good working order.

Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory

Water District N	lo. 13-A		
General Information			
Source/Tributary: Worm Creek	tributary to: Cu	h River	
Diversion Name: Diversion 4		<u> </u>	
Point of Diversion: TWNP: 15S	RNG: 40	<u> </u>	
SEC: 2	QQ : SV	/sw	
USGS Map: Name: Riverda	le	No. DD44	
Water Right No's.: No corresponding V	VRs in ArcMap.		•
See Attached	 		•
Access: Service Road off of	Glendale Road directly be	ow dam.	
Diversion Information	·		
GPS Site Tag No.: A0012032 GPS Tag Location: Top canal gate cros	GPS File Name: A00	012032	
Photo(s): Yes I No			
(.,,			
Description of Diversion: Where o	<u>litch crosses Glendale Roa</u>	d a canal gate	
is attached to the entrance of ~	18-24" cmp pipe. CMP pip	e diverts water	
out of manmade ditch into natu	rai/nistoric Worm Creek ch	annel. Manmade_	
ditch no longer appears to be in confirmed by local resident.	use south of Glendale Ho	ad. This was	
Total by local resident.			
Diversion Sketch Attached	<u> </u>		
Headgate (HG) and Measuring Devi	On Description		
JJ	Lockable HG?	▼ Yes	
Desc. Of Headgate: ~18-24" canal gate		i	
			
Existing Measuring Devices TV-		1 /2 .3 -	
Existing Measuring Device: Yes Measuring Device Type: N/A	s 👿 No	13-133	
Desc. Of Measuring Device: N/A		13-143	
		A A O C TO C)	
		PRESTON A Water Com	<u>-45/5/</u>
Measurement		Water (18 m	Many
Staff Guage Reading: N/A			<u> </u>
Weir/Flume Reading: N/A	Table Used: N/A		
$\mathbf{Q} = < 1.0 \text{ cfs (visual estires)}$	nation)		
Flow Measurement Form	_		
Additional Notes: This may not be a dive	rsion per say as entire flow div	Jones -	
om Preston Whitney Irr. Co. headgate flows throu	oh the 18/24" CMP. In the na	st it may	
ave served as a diversion now it could regulate flo	w but there would be no wher	e for water to go.	
Mat Weaver	5/7/2009		

5/7/2009

Date

Time

Examiner

Gan	oral	Info	rmation
LZEFI	erar	11110	F T 3

General information	
Source/Tributary: Worm Creek	tributary to: Cub River
Diversion Name: Diversion 5	
Point of Diversion: TWNP: 15S	RNG: 40E
SEC: 18	QQ: SWNW
USGS Map: Name: Franklin	
Water Right No's.: 13-279	NUDD94
water night No s.: 13-2/9	·
See Attached	
Access: Diversion located or	west side of road where Worm Creek
crosses County Road 1600.	HOOL SIGO OF TODA MITOLO WOTH OTOGR
dioses County Hoad 1000.	
Diversion Information	
GPS Site Tag No.: N/A	GPS File Name: N/A
GPS Tag Location: None	GF3 File Natile: N/M
Photo(s): ✓ Yes ✓ No	Photo File Name:
l ''	
Description of Diversion: No perm	anent structures associated with this
	ks, and plastic material located in Worm
	ck water up into adjacent field for flood
irrigation of pasture ground.	
Diversion Sketch Attached	
111 . /1/65	
Headgate (HG) and Measuring Devi	ce Description
Existing Headgate: Yes Vo	Lockable HG? Yes V No
Desc. Of Headgate: N/A	LOCKADIE IIG!
Desc. Of Headgate: N/A	
Existing Measuring Device: TYe	s 📝 No
Measuring Device Type: N/A	Size: N/A
Desc. Of Measuring Device: N/A	
Desc. Of Measuring Device: N/A	
Ī	
<u></u>	<u></u>
Measurement	
Measurement	
Staff Guage Reading: N/A	
Staff Guage Reading: N/A Weir/Flume Reading: N/A	Table Used: N/A
Staff Guage Reading: N/A Weir/Flume Reading: N/A	
Staff Guage Reading: N/A	
Staff Guage Reading: N/A Weir/Flume Reading: N/A	
Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = No flow during site v	
Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = No flow during site v Flow Measurement Form	<u>visi</u> t
Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = No flow during site v Flow Measurement Form Additional Notes: During field visit I thou	visit ugh this might be an illegal diversion but it is not.
Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = No flow during site v Flow Measurement Form	visit ugh this might be an illegal diversion but it is not.
Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = No flow during site v Flow Measurement Form Additional Notes: During field visit I thou	visit ugh this might be an illegal diversion but it is not.
Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = No flow during site v Flow Measurement Form Additional Notes: During field visit I thou	visit ugh this might be an illegal diversion but it is not.
Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = No flow during site v Flow Measurement Form Additional Notes: During field visit I thou	visit ugh this might be an illegal diversion but it is not.

General	Info	rmation
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Source/Tributary:		tributary to: Cub River	
Diversion Name:	Diversion 6		
Point of Diversion:		RNG: 39E	
	SEC: 13	QQ: NESE	
USGS Map:		No. D	D94
Water Right No's.:			
	Con A411		
	See Attached		
		LLC ground from County Road 160	00
to access	diversion structure on V	Vorm Creek visible from road. No	
	obstruct travel.		
Diversion Informat	ion		-
GPS Site Tag No.:		GPS File Name: A0012037	
	Top canal gate cross I		
Photo(s):	Yes No	Photo File Name:	
		oncrete check dam used to be used	
back wate	r up into a ditch for grav	vity flow. Ditch flow was controlled v	with
		er is diverted through a pipe in face	
		hallow CMP well. Water is pumped	
	llow well to feed pressu		
or the stid	produpiedau	g	
☐ Diversio	n Sketch Attached		
Headgate (HG) and	l Measuring Devic	e Description	
			—
Existing Headgate:	Yes No	Lockable HG? Yes	□ No
Existing Headgate: Desc. Of Headgate:	: Ves No Metal canal gate that		∏ No
Existing Headgate: Desc. Of Headgate:	Yes No	Lockable HG? Yes	∏ No
Existing Headgate: Desc. Of Headgate:	: Ves No Metal canal gate that	Lockable HG? Yes	∏ No
Existing Headgate: Desc. Of Headgate: evident du	Yes No Metal canal gate that our ing site visit.	Lockable HG? Yes	∏ No
Existing Headgate: Desc. Of Headgate: evident du Existing Measur	: Ves No : Metal canal gate that uring site visit. ing Device: Yes	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring De	: Ves No : Metal canal gate that our or	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measur	: Ves No : Metal canal gate that our or	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring De	: Ves No : Metal canal gate that our or	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring De	: Ves No : Metal canal gate that our or	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring De	: Ves No : Metal canal gate that our or	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring Desc. Of Measuring Desc. Of Measuring Desc. Measuring Measuring Desc.	: Ves No : Metal canal gate that ouring site visit. ing Device: Yes evice Type: N/A ing Device: N/A	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring Desc. Of Measuring	: Ves No : Metal canal gate that ouring site visit. ing Device: Yes evice Type: N/A ing Device: N/A	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring Desc. Of Measuring Desc. Of Measuring Desc. Measuring Measuring Desc.	: Ves No : Metal canal gate that ouring site visit. ing Device: Yes evice Type: N/A ing Device: N/A	Lockable HG? Yes could be lockable but no lock was	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring Desc. Of Measuring Measurement	: Ves No : Metal canal gate that ouring site visit. ing Device: Yes evice Type: N/A ing Device: N/A	Lockable HG? Yes could be lockable but no lock was No Size: N	
Existing Headgate: Desc. Of Headgate: evident du Existing Measuring Desc. Of Measuring Measurement	: Ves No : Metal canal gate that ouring site visit. ing Device: Yes evice Type: N/A ing Device: N/A : N/A	Lockable HG? Yes could be lockable but no lock was No Size: N	
Existing Headgate: Desc. Of Headgate: evident du Existing Measur Measuring De Desc. Of Measur Measurement Staff Guage Reading: Q =	: Ves No : Metal canal gate that ouring site visit. ing Device: Yes evice Type: N/A ing Device: N/A : N/A	Lockable HG? Yes could be lockable but no lock was No Size: N	
Existing Headgate: Desc. Of Headgate: evident du Existing Measur Measuring De Desc. Of Measur Measurement Staff Guage Reading: Q =	Metal canal gate that uring site visit. ing Device: Yes evice Type: N/A ing Device: N/A : N/A : N/A no flow easurement Form	Lockable HG? Yes could be lockable but no lock was No Size: N	
Existing Headgate Desc. Of Headgate evident du Existing Measur Measuring De Desc. Of Measur Measurement Staff Guage Reading Q =	Metal canal gate that uring site visit. ing Device: Yes evice Type: N/A ing Device: N/A : N/A : N/A no flow easurement Form	Lockable HG? Yes could be lockable but no lock was No Size: N	
Existing Headgate: Desc. Of Headgate: evident du Existing Measur Measuring Desc. Of Measur Measurement Staff Guage Reading: Q = Flow Me Additional Notes:	: V Yes No : Metal canal gate that ouring site visit. ing Device: Yes evice Type: N/A ing Device: N/A : N/A : N/A : no flow easurement Form	Lockable HG? Yes could be lockable but no lock was No Size: N	
Existing Headgate Desc. Of Headgate evident du Existing Measur Measuring De Desc. Of Measur Measurement Staff Guage Reading Q =	: V Yes No : Metal canal gate that ouring site visit. ing Device: Yes evice Type: N/A ing Device: N/A : N/A : N/A : no flow easurement Form	Lockable HG? Yes could be lockable but no lock was No Size: N	

C ~ ~	aval	Infam	mation
Gen	erai	iniori	паноп

	Cub River
Diversion Name: Diversion 7	
Point of Diversion: TWNP: 15S RNG: 3	39E
SEC: 26 QQ: 3	SENE
USGS Map: Name: Mink Creek	No. DD45
Water Right No's.: 13-266??	
	 -
See Attached	
Access: Just west of the Worm Creek crossing of Ea	
there is a farmer's access that drops down into the Wo	
I travelled as far south/downstream as I could and walked las	st 200 feet to diversion.
Diversion Information	
GPS Site Tag No.: A0012034 GPS File Name: A	A0012034
GPS Tag Location: Located on top most cross bar of canal gate	
Photo(s): Mayes I No Photo File Name:	
Description of Diversion: Worm Creek flows into ~36" cul-	vort with about
boards at inlet. To the river right of the large culvert is	
is located on the inlet of a 20" CMP diversion. Canal gr	
into ditch that runs due south. Diversion was heavily si	
was fully closed but a small flow was still passing throu	
was rully closed but a small flow was still passing tillou	gn the GMP.
Diversion Sketch Attached	
Headgate (HG) and Measuring Device Description	
	Ft Von T No
Existing Headgate: Yes No Lockable HG?	▼ Yes
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but	
Existing Headgate: Yes No Lockable HG?	
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit.	
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No	
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A	
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No	no lock was
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A	no lock was
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A	no lock was
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A	no lock was
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A Desc. Of Measuring Device: N/A	no lock was
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No No No No No No No No No N	no lock was
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A Desc. Of Measuring Device: N/A Measurement Staff Guage Reading: N/A	no lock was
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No No Measuring Device Type: N/A Desc. Of Measuring Device: N/A Measurement Staff Guage Reading: N/A Weir/Flume Reading: N/A Table Used:	Size: N/A
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A Desc. Of Measuring Device: N/A Measurement Staff Guage Reading: N/A	Size: N/A
Existing Headgate:	Size: N/A
Existing Headgate: Yes No Lockable HG? Desc. Of Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No No Measuring Device Type: N/A Desc. Of Measuring Device: N/A Measurement Staff Guage Reading: N/A Weir/Flume Reading: N/A Table Used:	no lock was
Existing Headgate:	Size: N/A
Existing Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A Desc. Of Measuring Device: N/A Measurement Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = <0.50 cfs (visual estimation) Flow Measurement Form Additional Notes:	Size: N/A
Existing Headgate:	Size: N/A
Existing Headgate: Metal canal gate that could be lockable but evident at time of site visit. Existing Measuring Device: Yes No Measuring Device Type: N/A Desc. Of Measuring Device: N/A Measurement Staff Guage Reading: N/A Weir/Flume Reading: N/A Q = <0.50 cfs (visual estimation) Flow Measurement Form Additional Notes:	Size: N/A

General Information	Gen	eral	Info	rma	tior
---------------------	-----	------	------	-----	------

General Information		
Source/Tributary: V		tributary to: Cub River
Diversion Name: D		
Point of Diversion:	TWNP: 15S	RNG: 39E
	SEC: 26	QQ: SENE
USGS Map:	Name: Franklin	No. DD94
Water Right No's.: 1		
	ee Attached	
		t to the west of the Worm Creek
crossing of 4	th Street.	
		
Diversion Informatio	n	
GPS Site Tag No.: A		ODC File Names A0040000
		GPS File Name: A0012098
GPS Tag Location: L		oss par oi canai gate.
Photo(s):	▼ Yes	Photo File Name:
Description of D	iversion: Concrete ch	neck dam structure sits in canal/creek
		osses under 4th Street. A canal gate
		MP and controls flow. Unsure if the
		, and it appears to be fed from water
		ditch diverted at Diversion 7. Water
		et) which is connected with Worm Cr.
io arrortoa inte	one (coam or an one	oty Which to connected with World Or.
☐: Diversion S	Sketch Attached	
		•
Headgate (HG) and N	leasuring Device	Description
Existing Headgate:	▼ Yes □ No	Lockable HG2 Ves No
		Economic II G.
Desc. Of Headgate: IV	retai canai gate mat c	ould be lockable but no lock was
evident at tin	ne of site visit.	
 .:		
Existing Measuring	Device: TYes	☑ No
Measuring Devi	ce Type: N/A	Size: N/A
Desc. Of Measuring	Device: N/A	
		· · · · · · · · · · · · · · · · · · ·
24		
Measurement		
Staff Guage Reading: N		
Weir/Flume Reading: N	I/A	Table Used: N/A
Q = <u>N</u>	lone	
☐ Flow Meas	surement Form	
 		· · · · · · · · · · · · · · · · · · ·
Additional Notes: T	his may or may not be	e a diversion of Worm Creek. Further
		e a diversion of Worm Creek. Further vater and nature of interconnectedness
investigation is required to	determine source of v	vater and nature of interconnectedness
investigation is required to	determine source of v	
investigation is required to	determine source of v	vater and nature of interconnectedness



: Mink Cr Pipe Discharge (0).JPG : 1/469 : 2.8

: 50



: Mink Cr Pipe Discharge (1).JPt : 1/500 : 2.8 File Name

Tv (Shutter Speed) Av (Aperture Value) Exposure Compensation ISO Speed : 61



: Mink Cr Pipe Discharge (2).JPG File Name

Tv (Shutter Speed) Av (Aperture Value) : 1/291 : 2.8 Exposure Compensation : 0



File Name : Worm Cr Div 1 (0).JPG

Tv (Shutter Speed) : 1/5
Av (Aperture Value) : 5.6
Exposure Compensation : 0
ISO Speed : 50 : 1/510 : 5.6 : 50



: Worm Cr Div 1 (1).JPG

File Name : W.
Tv (Shutter Speed) : 1/3
Av (Aperture Value) : 5.6
Exposure Compensation : 0
ISO Speed : 50 : 1/333 : 5.6 : 50



File Name : Worm Cr Div 1 (2).JPG

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



: Worm Cr Div 1 (3).JPG : 1/241



: Worm Cr Div 1 (4).JPG

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



: Worm Cr Div 1 (5).JPG : 1/234

: 2.8



: Worm Cr Div 1 (6).JPG



: Worm Cr Div 1 (7).JPG : 1/167 : 5.6

Tv (Shutter Speed) Av (Aperture Value) Exposure Compensation ISO Speed : 61



: Worm Cr Div 2 (0).JPG : 1/266

 File Name
 : Wor

 Tv (Shutter Speed)
 : 1/26

 Av (Aperture Value)
 : 5.6

 Exposure Compensation
 : 0

 ISO Speed
 : 50



: Worm Cr Div 2 (1).JPG : 1/269 : 5.6

File Name : Williams : 172 (Shutter Speed) : 172 Av (Aperture Value) : 5.69 Exposure Compensation : 0 ISO Speed : 69 : 69



: Worm Cr Div 2 (2),JPG : 1/265



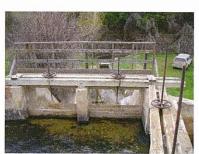
: Worm Cr Div 3 (0).JPG : 1/336

File Name : Wor Tv (Shutter Speed) : 1/33 Av (Aperture Value) : 2.8 Exposure Compensation : 0



: Worm Cr Div 3 (1).JPG

File Name : Woo Tv (Shutter Speed) : 1/15 Av (Aperture Value) : 2.8 Exposure Compensation : 0 ISO Speed : 61 : 1/195 : 2.8



: Worm Cr Div 3 (2).JPG : 1/165 : 2.8

File Name : Wo Tv (Shutter Speed) : 1/1 Av (Aperture Value) : 2.8 Exposure Compensation : 0 ISO Speed : 50



: Worm Cr Div 4.JPG : 1/82 : 3.9 File Name

Tv (Shutter Speed) : 1/8
Av (Aperture Value) : 3.9
Exposure Compensation : 0
ISO Speed : 50 : 50



 File Name
 : Worm Cr Div 5.JPG

 Tv (Shutter Speed)
 : 1/309

 Av (Aperture Value)
 : 2.8

 Exposure Compensation
 : 0

 ISO Speed
 : 50





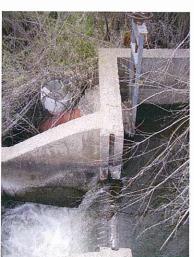
File Name : Worm Cr Div 6 (1).JPG

File Name : Wor
Tv (Shutter Speed) : 1/27
Av (Aperture Value) : 5.6
Exposure Compensation : 0
ISO Speed : 50 : 1/278



File Name : Worm Cr Div 6 (2).JPG

Tv (Shutter Speed) : 1/3
Av (Aperture Value) : 2.4
Exposure Compensation : 0
ISO Speed : 50 : 1/307 : 2.8 : 50



: Worm Cr Div 6 (3).JPG : 1/377 : 2.8

File Name : W
Tv (Shutter Speed) : 1/3
Av (Aperture Value) : 2.8
Exposure Compensation : 0



File Name : Worm Cr Div 7 (0).JPG

Tv (Shutter Speed) : 1/2
Av (Aperture Value) : 2.8
Exposure Compensation : 0
ISO Speed : 50 : 1/211 : 2.8 : 50



: Worm Cr Div 7 (1).JPG

File Name : W.
Tv (Shutter Speed) : 1/3
Av (Aperture Value) : 2.6
Exposure Compensation : 0 : 1/316 : 2.8



: Worm Cr Div 7 (2),JPG : 1/275 : 2.8

File Name : We Tv (Shutter Speed) : 1/2 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



: Worm Cr Div 8 (1).JPG : 1/298 : 2.8



: Worm Cr Div 8 (10).JPG : 1/426 File Name

Tv (Shutter Speed) : 1/42
Av (Aperture Value) : 5.6
Exposure Compensation : 0
ISO Speed : 100



: Worm Cr Div 8 (2).JPG : 1/254 : 5.6 File Name

Tv (Shutter Speed) : 1//
Av (Aperture Value) : 5.0
Exposure Compensation : 0
ISO Speed : 50 : 50



: Worm Cr Div 8 (3).JPG : 1/352

File Name : Wo Tv (Shutter Speed) : 1/3 Av (Aperture Value) : 5.6 Exposure Compensation : 0 ISO Speed : 50 : 5.6



: Worm Cr Div 8 (4).JPG : 1/265 : 2.8 : 0 : 100

File Name Tv (Shutter Speed) Av (Aperture Value) Exposure Compensation ISO Speed



: Worm Cr Div 8 (5).JPG : 1/341

 File Name
 : Wor

 Tv (Shutter Speed)
 : 1/34

 Av (Aperture Value)
 : 5.6

 Exposure Compensation
 : 0

 ISO Speed
 : 50



: Worm Cr Div 8 (6).JPG : 1/254 : 5.6 File Name

Tv (Shutter Speed) : 1/25
Av (Aperture Value) : 5.6
Exposure Compensation : 0
ISO Speed : 50



: Worm Cr Div 8 (7).JPG : 1/374 : 5.6

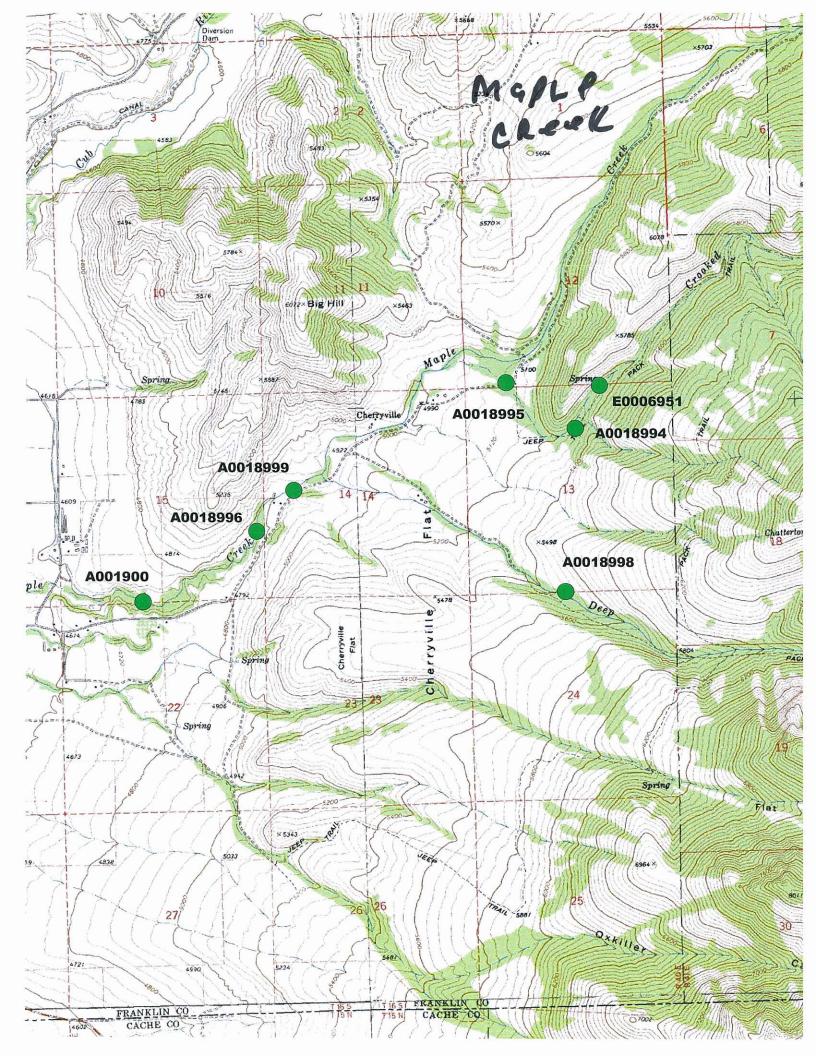
Tv (Shutter Speed) Av (Aperture Value) Exposure Compensation ISO Speed : 0



File Name : Worm Cr Div 8 (8).JPG

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





General Information	
Source/Tributary: SPRINGS/CROOKED C	Chestributary to CROOKed CROOK/Ma
Diversion Name: City OF FRONK	S. 40 E Sec 13 QQ NUNE
Point of Diversion: Twp. 165 Rn	g. 40 E Sec 13 QQ NUNE
USGS Map: Name	No
Water Right Nos.:	
	
See attached	
	ad OFF main FOREST
SPRVICE / COUNTY R	e a d.
21 7 6 0	
Diversion Information GPS Site Tag No: F 40 7 (201)	GPS File Name: F0006951
GPS Tag I ocation:	A 0.10 Panie. <u>F 000 6 95 1</u>
Photo? Ves No	A P:D = Photo File Name:
Description of diversion: Pag Fa	Rated Pipe Auried
under STREAM A	Rated Pipe Buried Redon D BONK,
Headgate and Measuring Device Descrip	otion
Existing Headgate? Yes No Description of Headgate:	Lockable Headgate? Yes No
Description of Headgate:	
Existing Managing Device? Was Wh	
Existing Measuring Device? Tyes X N	
Description of Measuring Device:	Size:
Description of Measuring Device.	
Diversion sketch on reverse	
Measurement	
Staff Gage Reading:	
Weir/Flume Reading:	Table Used:
Flow Measurement Form Attached	
Q=	
1) 1 mile	5-7-09
Examiner	Date Time

Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory Water District No.: ユスカ・

General Information	
Source/Tributary: CROOKed	CAROK tributary to Maphe CROOK.
Diversion Name: 6.66500	Rng. 40F Sec 12 QQ Swsw
Point of Diversion: Twp. 165	Rng. 40F Sec 12 QQ SWSW
USGS Map: Name	No
Water Right Nos.:	
	t
See attached	
Access: Right War	TO FOREST SERVICE!
COUNTY ROOD	TO FOREST SERVICE
	A SAME AND
	: •
Diversion Information	
GPS Site Tag No.: A 00 189	95 GPS File Name: <u>A0018995</u>
GPS Tag Location:	Per By Diversibes.
Photo? Yes No	Photo File Name:
	- "
Description of diversion:	e BONK OF The CROOK
Has BOEN DU	ing out. FREE FLOWS
8 5 600 0 0 S	Water is in
Check.	
Headgate and Measuring Device I	Description
Existing Headgate? Yes No	Lockable Headgate? Yes No
Description of Headgate:	
Existing Measuring Device? Ye	s No Size:
Measuring Device Type:	Size:
Description of Measuring Device:	
·	
	-
Diversion sketch on reverse	
Measurement	
Staff Gage Reading:	
Weir/Flume Reading:	Table Used:
Flow Measurement Form Attache	ad
	Ju
Q=	
<u> </u>	
1) 1/1 m.a	5-7-49
TO BY MY H. TURE	

Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory Water District No.: _____/3___A___,

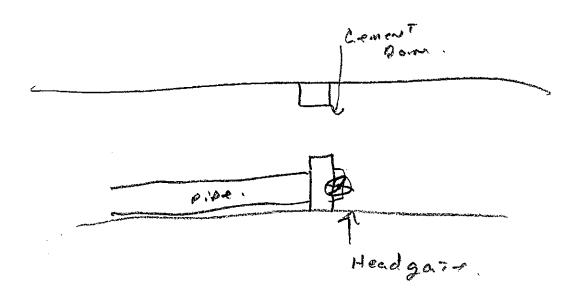
General Information				
Source/Tributary:	CROOKed	Cleek tributa	ary to Mark	e cheek
Diversion Name: Point of Diversion:	Gibbson	1 UPPAR	DIVERSION	
Point of Diversion:	Twp. 165	Rng. 40 E	Sec /3	QQ NWNE
USGS Map:	Name		No)
Water Right Nos.:				
	See attached			
Access: $\omega \rho$	main	Road	TO CITE	1 0F
Access: up FRONKLIN	servic.	e Roge	1. to ET	oFF_
OF Radd.	•			
Diversion Information				
GPS Site Tag No.:	A 00 18994	GPS F	ile Name: _ A o	018994
GPS Tag Location: Photo? Yes N	ON TR	ee Ne	XT TO D	version
Photo? Yes N	·	Photo 1	File Name:	
	_		•	Oran,
Description of diversi	on: <u>57</u>	Ream 1	BONK QU	Toul
FRAG F	LOW TH	Rough	DITCH	
TT 1 4 1716		• ,•		
Headgate and Measu	iring Device Des	cription	1. 17	V [A] NT-
Existing Headgate? Description of Headga	J Yes 140	LOCKAD	te Headgate?	res MNo
Description of Headge	are:			
···	 			
Coltina Management D		M XT-		
Existing Measuring D				
Measuring Device Ty	pe:		Size:	<u></u>
Description of Measur	ing Device			
		"""		
		· · · · · · · · · · · · · · · · · · ·		
Diversion sketch	nn rawarea			
Diversion sketch	on reverse			
Measurement				
Staff Gage Reading:				
Weir/Flume Reading:		- Table I	Jsed:	
Flow Measuremen	f Form Attached	_ 145,00		
O =	TOTHE LENGTHON			
V				
$\overline{}$	1		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
$\langle \cdot \rangle$	I s mills		5-7-09	
Examine	THE		Date	Time

General Information				
Source/Tributary: <u>De</u> -	ep CROOK	tributary to j	Madrec	Keek
Diversion Name:	Chatter 7	مر 's		-
Point of Diversion: Twp.	Chatter 7 Rng.	Sec	QC)
USGS Map: Name			No.	
Water Right Nos.:				
		-		
See att	tached			
Access: PRIVOTE			0 01.0	2-1-2
7 X 1 V 8 1 7	LANT	w _k y j	0 0.0-4	<u>cs 10 ~ </u>
				
		<u> </u>		
Diversion Information				
		CDC Ella Mas		
GPS Site Tag No.: 4 00	18448	GES LITE IASI	ile: <u>4 00 /</u>	8998
GPS Tag Location:	N CHMAN	/ <u>Lw F</u>	LOW.	
Photo? Yes No		Photo File Na	me;	
Description of discouring	_			a ! A
Description of diversion:	Cemen	T) at	Take T	O P. For
TO CULVA	27 SUM,	p. 0	57 RIBUT-	ed
From Th+R	· • •			717
	 			
	 			
Headgate and Measuring I	Device Description	on		
Existing Headgate? Yes	No No	Lockable Hea	dgate? 🗌 Yes	No YK
Existing Headgate? Yes Description of Headgate:				
Existing Measuring Device?	Yes No			
Measuring Device Type:			Size:	
Measuring Device Type:	vice:			
Diversion sketch on reve	erse			
PC				
Measurement				
Staff Gage Reading:				
Weir/Flume Reading:		Table Used:		
Flow Measurement Form		Table Osen! —		
·	AUSCHEU			
Q =	-			
		n		
Nemul A. Mela			_	
Examiner		Date		Time

STReam perp caer

Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory Water District No.: /3 A

General Information)II						
Source/Tributary:	Mapae	CRee	k tributar	y to	Cub	River	2
Diversion Name:	FRANKLO	and	MARLY	PAR	'n aTio	U O IST	O.Vers
Point of Diversion:	FRONK LO Twp. //o S	Rng.	40 E	Sec	14	QQ SWA	IW T
USGS Map:	Name				No.		
Water Right Nos.:	194. 904						
_							
	See attached]					
Access:							
			····				
Divawian Informat	ion						
Diversion Informat GPS Site Tag No.:			GPS Eil	e Name	. 4	10900	
GPS Tag I ocation	<u> </u>	<u> </u>	OY O LII	о глание.		10 779	
GPS Tag Location: Photo? Yes	No		Photo F	ile Nam	e'		_
11000, [_] 100 [_]	. 10		THOICE T	TO TANK	~·		
Description of divers	sion: (om 1	NT	D'u.	Asin	۸ دید	0.10	
WINTE Hear	dacte of	50	uTh	حرار د	OF	creen	<u> </u>
WITH Head	Die	7 %	a' At T'	<u> </u>	10:00		
				-11.	, , , , , , , , , , , , , , , , , , , 		-
	· .		,				
Headgate and Meas	uring Device D	escript	ion				
Existing Headgate?	Yes No		Lockable	Headg	ate? 🛮 Y	es 🗌 No	
Description of Head	gate:	Tan	LORD	Hea	deat	, م	
							.
				<u> </u>			
Existing Measuring I Measuring Device To Description of Measuring	Device? [Yes	No.					
Measuring Device T	ype:			S	lize:		
Description of Measu	ıring Device:	Wa	TLR	Mas	TER	5 a . d	_\
a weir	was o	w_	5 457 en	2, B	WT	I Coul	LUT
Find ir.	There	Was	AP	10+	Olia.	IOTLY	
	CReek.		· · · · · · · · · · · · · · · · · · ·				
Diversion sketch	on reverse						
Measurement							
Staff Gage Reading:							
Weir/Flume Reading			Table Us	ed: _			
Flow Measuremen		d					<u> </u>
Q=							
\bigcap Λ .							
Samil A	MANA		_5-	7-0	9	_	
Examin	er			Date		Time	3



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

General Information
Source/Tributary: Maple cherk tributary to cub River
Diversion Name: FACK DITCh.
Diversion Name: FLACK D:7C. Point of Diversion: Twp. 165 Rng. 40 E Sec 15 QQ WESS
USGS Map: Name No.
Water Right Nos.:
Water right 1405
See attached
Access: FROM ROAD DOWN TO CREEK 100 Yards
and Across creak.
Diversion Information
GPS Site Tag No.: A 00 1899 GPS File Name: A 00 1899 6
GPS Tag Location: Photo? Yes No Photo File Name:
Photo? Yes No Photo File Name:
Description of diversion: Cement Dan in middle
OF CREEK - BOORDS ROUTE WATER TO
NW side OF Channel Where water
1'S Channeled By a ROCK Dom TO a
Stide Headgate.
Headgate and Measuring Device Description
Existing Handgate 2 12 Van No. Lackable Handgate 2 Van Wie
Existing readgate? If i es I no Lockable readgate? I i es I no
Existing Headgate? Yes No Lockable Headgate? Yes No Description of Headgate:
Existing Measuring Device? Yes X No
Measuring Device Type: Size:
Measuring Device Type: Size: Description of Measuring Device:
Water master said he thought They had a weir, But now found
The I had a weigh Rut name Found
Diversion sketch on reverse
Direction sected on reverse
7.6.
Measurement
Staff Gage Reading:
Weir/Flume Reading: Table Used:
Flow Measurement Form Attached
$\overline{Q} =$
** ***********************************
DA. Mb 5-2-09
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Time

Date

Examiner

Maple
CREEK

Maple
CREEK

ROLK

ROLK

ROAN

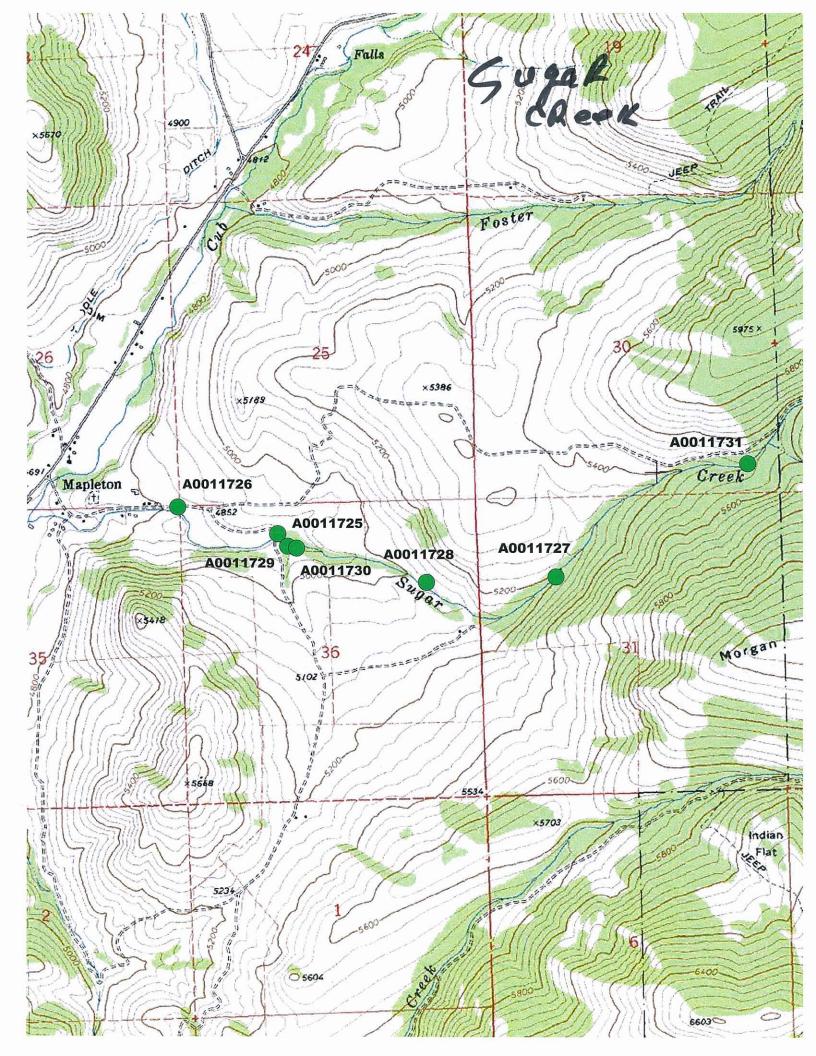
Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory Water District No.: 13 A.

General Informatio				
Source/Tributary:	Maple Cheek	tributary to _	CUB 1	river
Diversion Name:	Dixie B	ench		
Point of Diversion:	Twp. 165 Rng	g. <u>40E</u> Sec	_15	Q SESW
USGS Map:	Name		No.	
Water Right Nos.:				
!				
	See attached			
Access: 4-4	theolor Train	or WA	Kin Y	2 mile
	oad.			
	····	····		· · · · · · · · · · · · · · · · · · ·
Diversion Informati		COO DO AT		
GPS Site Tag No.:	A0019000	GPS File Nam	e: <u>A 001</u>	9000
GPS Tag Location:	ON Heady	aT+		
Photo? Yes 1	40	Photo File Na	ne:	
Decemination of the	lama de la la			
Description of divers:	ion: <u>S Li O</u> 4	Headge	Te.	70
U. TCL.				
W-4-				
Headgate and Mage	uring Device Descrip	tion		
Evieting Headgata?	Yes No	Tookoble Wood	coto? Von	الم[7]
Description of Header		LOCKADIE FIGAO	gate: 🔛 res	4 NO
Description of Heads	ate: 5 L:'d	P Head g	ort .	
· · · · · · · · · · · · · · · · · · ·				·
Existing Measuring D	Pevice? Yes 🗷 N			
Measuring Device Tu	pe:	.,	Siza.	
Description of Mean	ring Device:		012.0.	
	master S			
But N				9 Work
<u> </u>	Day - OUR			
Diversion sketch	on reverse			
DAY OR DAVIA OR COLOR	012 2 0 7 0 2 0 0			
Measurement				
Staff Gage Reading: _				
Weir/Flume Reading:		Toble Head:		
Flow Measuremen	t Form Attached	Table Used:		
Q =				
$ \wedge$				
,()	Dambo	57-0	1	
- home	1. The	<i>U~/~ Ø</i>	9	

Date

Time

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Source/Tributary: Sugar CRes	at tributours to
Diversion Name:	K tributary to Cub River
Point of Diversion: Twp. 15-5 Rr.	0000
USGS Map: Name	OW - Ig. 40 E Sec 35 QQ NENE No.
Water Right Nos.:	No
Water Right 140s	
See attached	
	TH OF ROAD
1000000 10 1000000 500	7.040
- A	
Diversion Information	
GPS Site Tag No.: A 00/1726	GPS File Name: A00 11726
GPS Tag Location: on cem	Photo File Name:
Photo? Yes No	Photo File Name:
Description of discouries	A
Description of diversion:	P Diverting out FOR QUILE.
OF Sump. Do	TEN'T LOOK L' Lev IT
Hog Been usen	FOR aWILE.
Headgate and Measuring Device Description of Headgate:	Lockable Headgate? Yes No
Existing Measuring Device? Yes	Jo
Measuring Device Type:	Size:
Description of Measuring Device:	Size:
Diversion sketch on reverse	
D. A. o. grand and and	
Measurement	
Staff Gage Reading: Weir/Flume Reading:	Toble Heads
Flow Measurement Form Attached	Table Used:
laran-1	
Q=	
Canel A. Mela	5-4-09.
Examiner	Date Time

Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory Water District No.: ____/3_A_.

General Information			
Source/Tributary: Suk 6	or CResk tributar	y to <u>Cub</u>	River
Diversion Name:	NKNOWN		
Point of Diversion: Twp.	NKNBWN 58 Rng. 40 E	Sec 3 6	QQ NENW
USGS Map: Name		No	0.
Water Right Nos.:			
See attache	d 🗌		
Access: Braide	ROAD	NexT	TO
Access: Begide CHEVERT DO LINDER LON	Livering	SURGR	CREEK
HNDER LON	٠ ٩٠	<i></i>	
Diversion Information			
GPS Site Tag No.: A 0011	<u>725</u> GPS Fil	e Name: <u>A</u>	0011725
GPS Tag Location: ON Photo? Yes No	leadgat 1		
Photo? Yes No	Photo Fi	ile Name:	
Description of discouries.	<i>7</i> 1 1	i _	-
Description of diversion:	Shill B He	adgoT4	Nexi
TO CULVER!			
			
Headgate and Measuring Devic	e Description		
Existing Headgate? X Yes N	Io Lockable	Headgate?	Yes 7 No
Description of Headgate:	56:10 1100	odect-d	1-0 D (110
<u> </u>	No.	7	
Existing Measuring Device? Measuring Device Type:	Yes No		
Measuring Device Type:	~	Size:	
Description of Measuring Device	•		
			·
Diversion sketch on reverse			
Measurement			
Staff Gage Reading:			
Weir/Flume Reading:	Table Use	ed:	
Flow Measurement Form Atta	ched		,
Q=			ļ
() ,	۰ ۸	. ^	
Janul A. 1	Jelan 5-	4-04	
Examiner		Date	Time

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

General Information	n		
Source/Tributary:	SUGGA	CReok tributary to	Mul River
Diversion Name:		KNOWN.	
Point of Diversion:	Twp. 159	Rng. 40 F Sec	36 QQ NENU
USGS Map:	Name		No
Water Right Nos.:			
	See attached	.	
Access: 25-50	2 yards	EGST OF L	ine.
	<u> </u>	A. T. C.	
	·		
Diversion Informat	ion		
GPS Site Tag No.:	A0011729	GPS File Name	A00729
GPS Tag Location: Photo? Yes			
Photo? Yes	No	Photo File Nam	e;
Description of divers	ion: <u>D.'re</u>	L FROM CRE	ek TO
Hordgare	ALSO	FROM DITCH	11730 which
O'	uersion_	FROM DITCH	BUT Could
<u> 30 n e</u>	ollection	PO'NT FROM THO	M UNNAM-CF
STAGON	<u>toming</u>	g FROM THO	WORTH.
Description of Head	Yes No gate: Head	Lockable Headg	ate? XYes No Diversion From 11730 Location
Existing Measuring 1	Device? 🗌 Yes	X No	
Measuring Device T	ype:	S	ize:
Description of Meass	ning Device:		
	 		
Diversion sketch	on reverse		
Measurement			
Staff Gage Reading:			
Weir/Flume Reading			
Flow Measuremen	it Form Attached		
Q=			
	1 mil	E-41.00	3
Examin	er Tille	Date	Time

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

General Informatio				
Source/Tributary:	SugaR	AROK tribu	tary to	b
Diversion Name:	UNK	JOWN	······································	
Point of Diversion:	Twp. 155	Rng. 40 E	Sec 36	No. QQ SENF
USGS Map:	Name	·····		No
Water Right Nos.:				
				
	See attached	•		r .
Access:	Palk in	1/2	m.Le	CUTTLE BORA
OR CRO	ss cr	eek i	NPSTREO	M OF LOUS
D POWER	2 House	•		
Discounies Income 2				
Diversion Informati		CDC 1	Gile Nama:	10011758.
GPS Site Tag No.:	HOO 11728	GFS I	. по мяще:	HUUIIIO
GPS Tag Location: Photo? Yes X1	To	Photo	File Name	
THOM: TIME T	10	1 11010	THE INALLE.	
Description of divers	ion. Doa	FARATAL	pin	IN CTO-
To coorthinous of anyong.	TOIL PER	1000,40	<u>β. β. ε</u>	NO SIRPL
	· ··-			
Headgate and Meass Existing Headgate? Description of Headg	aring Device De Yes XNo ate:	scription Lockal	ble Headgate?	Yes No
	-			
		[A] 2.2		
Existing Measuring D	evice? Yes	X No	· .	
Measuring Device Ty	·			
Description of Measu	ring Device:			
•				

Diversion sketch	on Horiorno			
Diversion sketch	on teacter			
Measurement				
Staff Gage Reading:			· · · · · · · · · · · · · · · · · · ·	····
Weir/Flume Reading:			Jsed:	
Flow Measuremen			Osed	
	t I OHH AHACHEU			
Q=				
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Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory Water District No.: 13#

General Information					
Source/Tributary:	Sugar	CREEK	tributar	y to <i>Си</i>	6 River
Diversion Name:	Pal	ver D	versi	الدو	
Point of Diversion:	Twp. 15	Rng.	41 1 E	Sec 3/	QQ <u> </u>
USGS Map:	Name		7-1		No.
Water Right Nos.:					
			···-		
	See attached				
Access: Roug	h Lan		to d	100000	• /
7	B end	N OF	RADI	\ \	
Access: Roug Roo	d By	Hayk	ORAS		
Diversion Informati		***			
GPS Site Tag No.:	A0011 7	<u> </u>	GPS Fil	e Name: <i>A</i>	0011727
GPS Tag Location: _	ON STO	Ndpip-	0		
GPS Tag Location: Photo? Yes N	1 0	•	Photo F	ile Name:	
Description of diversi	ion:	DERF	ORO Te	d p:	pe in
STREEM	Bed.				
	 				
TT 3 . 33#		~			
Headgate and Meass	uring Device	Description	on		
Existing Headgate? Description of Headg	Yes X No)	Lockable	: Headgate?	Yes L∡(No
Description of Headg	ate:				
		1771			· · · · · · · · · · · · · · · · · · ·
Existing Measuring D	evice? [Y	es X No			
Measuring Device Ty Description of Measur	pe:			Size:	
Description of Measu	ring Device:				
				•	
Divoncion alretak	00 Max-awaa				***************************************
Diversion sketch	on reverse				
Measurement					
Staff Gage Reading:	****				
Weir/Flume Reading:			Toble IIa	ed:	
		bod	Table Os	cu:	
Flow Measuremen	и гоги Апас	пеа			
Q =					
					
1 \ /}			_		
$1 \times 1 \times$	A. Malo		<u> 5</u>	- 4-09	

Idaho Dept. of Water Resources GPS Field Data and Diversion Inventory Water District No.: _____/3 A

Source/Tributary: Sugar Creek tributary to Gub River Point of Diversion: Twp. 155 Rng. 41E Sec 30 QQ SESE USGS Map: Name No. Water Right Nos.: See attached Access: Road TO Above Diversion The Oowalhill (100yds). Diversion Information GPS Site Tag No.: A 00/1731 GPS File Name: 4 04/1731 GPS Tag Location: ON HeadgaT Photo? Yes No Photo File Name:
Diversion Name: Point of Diversion: Twp. 155 Rng. 41E Sec 30 QQ SESE USGS Map: Name No. Water Right Nos.: See attached Access: Road To above Diversion The Downhill 100yds. Diversion Information GPS Site Tag No.: 400/1731 GPS File Name: 400/731 GPS Tag Location: 00 Heads T
USGS Map: Name No. Water Right Nos.: See attached Access: Road To above O.'veRs!on The Oownhill (100yds .) Diversion Information GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON Heads T
USGS Map: Name No. Water Right Nos.: See attached Access: Roco Fo above O.'veRs!on The Oowalhill (100 y ds.) Diversion Information GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON Headan T
Water Right Nos.: See attached Access: Road TO above O.'veRsion/ The Oownhill 100yds. Diversion Information GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON HeadanT
Access: Road TO above Diversion The Downhill 100yds. Diversion Information GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON Headas T
Access: Road TO above Diversion The Downhill 100yds. Diversion Information GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON Header T
Diversion Information GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: 00/ Headso T
Diversion Information GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: 00/ Headso T
GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON Heads 7
GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON Heads 7
GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON Heads 7
GPS Site Tag No.: A 00/1731 GPS File Name: A 00/1731 GPS Tag Location: ON Heads 7
GPS Tag Location: ON Heada T
Photo? Yes No Photo File Name:
THORE: THE LIGHT FILE LIGHT.
1
Description of diversion:
Description of diversion: <u>O'vergion</u> out of Creek Through Neadgete into P!Pt
Cheek Inhough Nondacia into pipe
Headgate and Measuring Device Description
Existing Headgate? Yes No Lockable Headgate? Yes No
Description of Headgate:
Existing Measuring Device? Yes X 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
O =
<u> </u>
6) comed A. Melson - 5-4.09
Examiner Date Time