

INSTRUCTIONS FOR IRRIGATION FLOW RATE QUESTIONNAIRE

The information required in this questionnaire will describe your water delivery system and irrigation methods. This information is essential in order for staff of IDWR to evaluate your irrigation water requirements. Much of the information is technical, and you may wish to contact the Soil Conservation Service or other professionals for assistance with this form.

Please provide your name, address, and phone number where you may be contacted for further information or clarification. Include the claim number(s) for those claims where the irrigation flow rate is more than 0.02 cfs (1 miner's inch) per acre.

1. provide the total number of acres irrigated for the claims listed.
2. provide a breakdown in acres of the types of crops grown in a typical irrigation season for each of your irrigation system types.

Items 3 through 8 must be completed for each of the irrigation system types you specified in item 2. This information must be completed as accurately as possible. All information must be based on peak water use during the irrigation season.

inflow -

this is the flow of water applied to an individual furrow, border, ditch, etc.; proper evaluation requires good accuracy

spacing or width -

this is the distance between individual furrows, border ridges, sprinkler laterals, etc.

length -

this is the maximum length of run of furrows, corrugations, borders etc.

field slope -

this is the slope of the field in the direction of the run of furrows, borders, etc.; specify in percent or give units if specified otherwise

set time -

this is the number of hours that water is applied during an irrigation set

frequency -

this is the number of days between irrigation start times of the same set of furrows or border(s) etc.

9. complete the appropriate items for the main ditch from the point of diversion to the farm; if this ditch is shared by other water users a more complete description of the system will be required

Items 10, 11, 12, and 13 see questionnaire.

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO(S). 73-4005

NAME _____

ADDRESS _____

PHONE _____

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 698.7 ACRES.

2. SHOW THE NUMBER OF ACRES OF CROPS GROWN FOR YOUR IRRIGATION SYSTEM(S) DURING A TYPICAL SEASON

	Border	Furrow	Corrugation	Sprinkler	Contour Ditch	Other
Alfalfa				524	174.7	Ø
Beans						
Field Corn						
Silage						
Spring Grain						
Winter Wheat						
Orchard						
Pasture						
Potatoes						
Sugar Beets						
Other						

PLEASE COMPLETE ITEMS 3 THROUGH 8 FOR EACH OF THE IRRIGATION SYSTEM TYPES SPECIFIED ABOVE

3. BORDER (COMPLETE BELOW BASED ON PEAK USE)

inflow to border (cfs)	border width (feet)	border length (feet)
field slope (%)	set time (hours)	number of borders per set
frequency (days)		

4. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow to furrow (gpm)	furrow spacing (inches)	furrow length (feet)
field slope (%)	set time (hours)	number of furrows per set
frequency (days)		

5. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow to corr. (gpm)	corr. spacing (inches)	corr. length (feet)
field slope (%)	set time (hours)	number of corrugations per set
frequency (days)		

6. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

<u>60</u>	<u>wheel line / Hand line</u>	<u>40'</u>
average nozzle flow (gpm)		nozzle spacing (feet)
<u>1320'</u>		<u>60'</u>
lateral length (feet)		lateral spacing (feet)
<u>4</u>		<u>11.5 Hrs</u>
number of laterals per set		set time (hrs.)
<u>8 days</u>		
frequency (days)		

7. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

<u>4 16 CFS (1/2 of 32 CFS. first claim)</u>	<u>2-3</u>
inflow to ditch (cfs)	field slope (%)
<u>2640'</u>	<u>375' Avg.</u>
ditch length (feet)	distance between ditches (feet)
<u>2 - ditches</u>	<u>8 x 12 Hr sets</u>
number of ditches per set	set time (hours)
<u>8-10 days</u>	
frequency (days)	

8. OTHER IRRIGATION SYSTEM TYPE (specify)
(COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs)	total area irrigated per set (acres)
field slope (%)	set time (hrs.)
frequency (days)	

CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH-SPECIFY SOIL TYPE

Very gravelly loam23760'
length (feet)12"
ave. depth from land surface (inches)48"
ave. top width of water surface (inches)

LINED DITCH-SPECIFY TYPE OF LINING

N/A

length (feet)

ave. depth from land surface (inches)

ave. top width of water surface (inches)

PIPELINE

N/A
length (feet)

diameter (inches)

IS THIS CONVEYANCE SYSTEM SHARED BY OTHER WATER USERS? NO

IF YES, PLEASE DESCRIBE OR SKETCH THE SYSTEM SHOWING THE NUMBER OF WATER USERS, LOCATION OF HEADGATES, LENGTHS ETC.

No other users share same ditches, maintain directly. High Flow water

Above & beyond deeded rights from Little Mazon Creek is indirectly shared for ~~for~~ spring recharge and underground water that helps other water users on Mazon canal and spring through area.

10. ON-FARM DISTRIBUTION SYSTEM-DRAW A SIMPLE SKETCH OF YOUR ON-FARM WATER DISTRIBUTION SYSTEM. AN AERIAL PHOTO/FARM PLAN WITH THE IRRIGATION SYSTEM SKETCHED ON IT MAY BE USED. THIS SKETCH MUST INCLUDE THE FOLLOWING INFORMATION FOR EACH REACH: LENGTH, TOP WIDTH OF WATER SURFACE, DEPTH FROM LAND SURFACE, SOIL TYPE OR LINING, AND PERCENT OF TOTAL FLOW DURING USE.

I've included areal maps that are better than my sketching.

^{all} Most irrigated areas are gravity sprinkler or flood irrigated. The high flows are documented by water master in District 73. The claim is for high water above + beyond land rights. This has been historically used since the early 1900's and ditches show how the water was spread out on this ground & neighboring property. It is used as a spring ~~dis~~ recharge and underground water recharge for areas around ~~my~~ Mary and out-irrigated ground on neighboring property (both Whitcomb, Kent Moore et al.). This water does not interfere with any ditches or fish passage since as it lasts only small raised amounts of time 30 to 45 days. It is much needed because of type of soil and the way the valley floor is losing its sub-water from more sprinkler systems and pumps drawing water from underground ^{sources.}

Jack Whitcomb

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)

IF YES, PLEASE DESCRIBE:

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES

No

13. PLEASE INCLUDE ANY FURTHER COMMENTS WHICH WILL AID IN THE EVALUATION OF YOUR WATER REQUIREMENTS.

PLEASE RETURN FORMS TO:

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

DEC 20 2006
DEPARTMENT OF
WATER RESOURCES

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number

A73-00142

Date Received

4-24-1990.

Receipt Number

1006722.

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

Please type or print clearly

1. Name of Claimant (s) Whitworth Ranches, Inc. Phone (208) 876-4405
Mailing Address P.O. Box 156
May, Idaho Zip 83253

2. Date of Priority (Only one (1) per claim) June 1, 1886

3. Source of water supply (a) Tater (Potato) Creek

which is tributary to (b) Pahsimeroi River

4. a. Location of existing point of diversion is: D.P. #1
Township 15N Range 22E Section 18

NW 1/4 of NE 1/4 of SE 1/4, Govt. Lot, B.M., County of
D.P. #2 - NW NW SE - Section 18, T15N, R22E
Additional points of diversion if any: #3 - NE NE SW - Section 18, T15N, R22E

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____

_____ 1/4 Govt. Lot _____ B.M., County of _____

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc), including the dates of any changes or enlargements in use, the dimensions of the diversion works as constructed and as enlarged and the depth of each well.

D.P. #1 is at inlet to 10" buried mainline. D.P.'s #2 and #3 are
direct diversion into ditches.

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6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For irrigation purposes from 4/1 to 11/1 amount 1.2 or _____
 For _____ purposes from _____ to _____ amount _____ or _____
 For _____ purposes from _____ to _____ amount _____ or _____
 For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 1.2 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 1053 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) _____

10. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
15N	21E	13			32	36									40	40			148
15N	21E	24													4			18	22
15N	21E	25	28																28
15N	22E	18							40	33		40							113
15N	22E	19						40	33			37							110

Total number of acres irrigated 421

11. In which county (ies) are lands listed above as place of use located? Lemhi

12. Do you own the property listed above as place of use? Yes X No _____

If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.

#73-00133, 73-00137, 73-00138, 73-00128, 73-00143, 73-02166 or None ()

14. Remarks:

All of the above area except 27 acres is also served with Morgan Creek water.

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Last Name Whitworth Ranches Ident No. _____

Copies: White -State, Yellow-Claimant