

Allen Merritt

12/6/04

### Comments:

1. Seems weird that pipe B is downstream of orifice. L2Key indicated that he would charge based on anything measured thru orifice whether it goes to pond or creek.
2. Need to have <sup>orifice</sup> weir plate sealed so no water passed under or around plate. (since this will be against cmp seal may be tricky)
3. Need gauge on upstream & downstream side of orifice.

RECEIVED

DEC - 6 2004

DEPARTMENT OF  
WATER RESOURCES

KITCHEN AND BATH

EST 1980

V 208 788 7780 F 208 788 7785 13 W CARBONATE HAILEY IDAHO 83333

DECEMBER 02 2004

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
322 EAST FRONT STREET  
P O BOX 83720  
BOISE IDAHO 83720-0098

ATTENTION: STEVE BURELL PE - WATER DISTRIBUTION SECTION

DEAR STEVE

THIS LETTER AND ATTACHMENTS WILL SERVE TO FOLLOW UP TO YOUR NOVEMBER 10 2004 CORRESPONDENCE REGARDING ORDER REQUIRING MEASURING DEVICES AND HEADGATES IN WATER DISTRICT 37 CROY AND TRIBUTARIES.

THE ATTACHED DRAWING DESCRIBES OUR PROPOSED " RECTANGULAR SUBMERGED ORIFICE " MEASURING DEVICE.

THIS DEVICE WAS DESIGNED WITH THE ASSISTANCE OF KEVIN LAKEY WATER DISTRICT 37 WATERMASTER.

KEVIN LAKEY HAS PHYSICALLY REVIEWED OUR WATER DIVERSION POINT, WHICH IS REPRESENTED IN THE ATTACHED DRAWING AND HAS ADVISED ME THAT THIS DEVICE WILL ACCURATELY MEASURE WATER USE.

WATER RIGHT DATA:

WATER RIGHT NUMBER - 37-208F

PRIORITY DATE - 06.01.1880

BASIS - DECREED

STATUS - ACTIVE

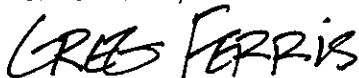
SOURCE - CROY CREEK -TRIBUTARY - BIG WOOD RIVER

BENEFICIAL USE - IRRIGATION 04.15 TO 10.31 STOCK WATER - 01.01 TO 12.31

DIVERSION POINT - NW1/4NE1/4 SEC35 TWP 02N RGE 17E B M

IF YOU HAVE ANY QUESTIONS REGARDING THE ATTACHED PROPOSED MEASURING DEVICE PLEASE CALL ME AT 208.481.1444 OR 208.788.7780

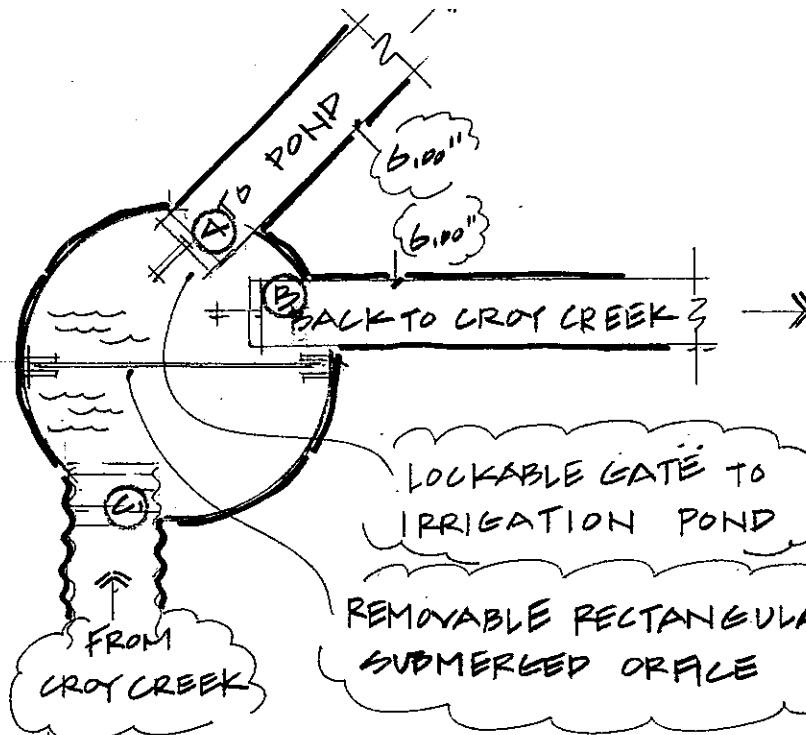
RESPECTFULLY,



GREG FERRIS

ENCLOSURE

PLAN VIEW



LOCKABLE GATE TO IRRIGATION POND

REMOVABLE RECTANGULAR SUBMERGED ORIFICE

FROM CROY CREEK

BACK TO CROY CREEK

LID

2 N 17 E  
SEC. 36  
NE 1/4  
2 N 17 E 36

LOW LINE OF WATER (LATE SUMMER)

SECTION VIEW

STEEL PLATE W/ 4.00' X 12.00' ORIFICE  
TYPICAL LINE OF WATER

SECTION VIEW

SCALE 1/2" = 12.00'

PROPOSED MEASURING DEVICE

TYPE: RECTANGULAR SUBMERGED ORIFICE

GREG FERRIS 12.02.04  
551 CROY CREEK ROAD