

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

D. FLOW MEASUREMENTS

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration Date
N/A						

Measurements

E. NARRATIVE/REMARKS/COMMENTS

Confirmed per county assessor - Taxlot research, ArcMap.

Assessor confirmed dwelling on site for identified owner. Assessor webpage, ArcMap photo (2004) confirmed dwelling. POU and POD are located within Lots 3 & 4, Block 3, Nativ Terra Subdivision.

No well log. Will redirect water at pipe in NE corner of lot that developers put in to collect subsurface water.

Letters from applicant and agents are attached explaining POD. See 12/7/04 comments in application. Attached.

Have conditions of permit approval been met? ☐ Yes ☐ No

F. FLOW CALCULATIONS

Measured Method:

ALLOW PERMIT RATE

☐ Additional Computation Sheets Attached

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

VI.R. = (Acres Irrigated)x (Irrigation Requirement) =

VD.R. = [Diversion Rate (cfs)] x (Days in Irragions Season) x 1.9835 =

V = Smaller of VI.R. and VD.R. =

2. Volume Calculations for Other Uses: ALLOW
1.2 AF
(OR 0.6
AF IF
PERMIT
LIMITS
USE)

H. RECOMMENDATIONS

1. Recommended Amount

BENEFICIAL USE	PERIOD OF USE		RATE OF DIVERSION ANNUAL	
	From	To	Q(cfs)	V(afa)
DOMESTIC	1/1	12/31	0.02	0.6

TOTALS

2. Recommended Amendments

☐ Change P.D. as reflected above

☐ Change P.U. as reflected above

☐ Add P.D. as reflected above

☐ Add P.U. as reflected above

☒ None

☐ Other

I. AUTHENTICATION

Field Examiner's Name Jean Hersley
Reviewer



Date 8/24/09
Date

December 7, 2004

Idaho Department of Water Resources
Western Regional Office
2735 Airport Way
Boise, ID 83705-5082

RE: Remarks Regarding Application for Permit

Dear DWR:

In January of 2004, we purchased property in the foothills of Boise (Ada County). At the time of the purchase we were told by the developers of a water source available in the upper (geographically speaking) corner of the lot. As we later found out, the developers had actually run across this water during excavation of a road (Strata Via) above our lot, and had put in a drainage system to collect the water. The ground water thus collected is routed via a six inch corrugated black pipe to the NE corner of our lot. The pipe comes to the surface and blind ends, where the water travels approximately 70 feet and is supposed to empty into a storm drain. Unfortunately, recent soil sampling of our lot, and at least one other lot down-grade of us, suggests that much of the water is traveling subsurface, rather than reaching the storm drain.

This has one serious implication regarding our being able to build on the lot we purchased. The soil in our subdivision contains "expanding clay" which when wet, expands. The presence of both excess water and expanding clay means that the City of Boise Hillside Review/Inspection Department requires extensive French drains and other water management features around foundations before building permits can be issued. Thus, this water is currently a "nuisance" to our lot and at least one other, and needs to be redirected.

Rather than build an expensive drainage system around our foundation, we would like to redirect the water at the pipe. Furthermore, we would like to put the water beneficial use. Hence, the reason for this application is to request a permit to collect the water and use it in a drip irrigation system for a small yard and garden (less than 1/2 acre).

This accomplishes several things. Foremost, it allows us to control the water flow, and thus removes the nuisance. Secondly, rather than using potable city water to irrigate our yard in the summer, we would utilize the untreated water.

Please note that the water bearing zone to be appropriated will be shallow, and estimated to be at 5-25 feet. If you have any questions regarding this application, please do not hesitate to call or email (see number and address below). Thank you for your consideration.

Sincerely,



Cynthia Keller-Peck
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