

Standard Application Completeness Checklist

Minimum Requirements (OAR 690-310-0040)(ORS 537.400)

Application G 16964 Township 22 S
Priority Date 11-19-2007 Range 32 E
Use(s) IRRIG. Section 28
Rate 1.98 CFS POA Loc SW SW
County HARNEY POU Loc SW 1/4
W.M. 10 Caseworker BROOK G.

☒ Applicant/Organization Name, Mailing Address and Telephone Number, application signed in ink.

☒ Source of water. If stored water, is the stored water component filed out, including a non-expired agreement for stored water must be included. (ORS 537.400)

☒ Property ownership indicated.

☐ If applicant does not own all the land, the affected landowner's name and mailing address must be listed.

☐ If applicant does not own all the land, a statement declaring the existence of either written authorization or an easement permitting access to land crossed by the proposed ditch canal or other work must be submitted.

☒ Groundwater development section (Page 3 and 4, Section B) or a well log report. YES

☒ Proposed use of water. If supplemental, list primary water right acreage if applicable.

☒ Enclosed Supplemental Form for each proposed use.

☒ Form I (Irrigation)

☐ Form M (Municipal or Quasi-Municipal)

☐ Form R (Mining)

☐ Form Q (Commercial or Industrial)

☐ Spring Description Sheet

☒ Amount of water from *each* source in gallons per minute (GPM), cubic feet per second (CFS), or acre feet (AF)

☒ Period of use

☒ Water management section (Please estimate if the water system has not been designed).

☒ Resource Protection Section (Page 6, Section 5).

☒ Project schedule (If system is already completed, indicate "existing").

☐ For reservoir applications storing more than 9.2 acre feet, and a dam height of more than 10 feet, preliminary plans and specifications for dam and impoundment are required.

☐ If the ~~above~~ statement is checked, the map must be prepared by a CWRE.

☒ All applicants (or the authorized agent with title or authority if for an organization or corporation), must sign the application in ink.

☒ You must include a Legal description of the property involved that includes a metes and bounds, or other government survey description. A copy of the deed, land sales contract or title insurance policy can provide this information, or you may submit a lot book report prepared by a title company. The Department will not accept a copy of the tax bill.

☒ A completed Land-Use Form or receipt signed and dated by the appropriate planning department officials. *Date of signature must be within the past 6 months.*

☒ The map must meet all the minimum requirements of OAR 690-310-0050.

☐ Township, Range, Section

☐ Location of main canals, ditches, pipelines or flumes

☐ Place of use, 1/4, 1/4's and tax lot clearly identified

☐ Even map scale not less than 4" = 1 mile (example: 1" = 100 ft, 1" = 200 ft, etc.)

☐ Location of each diversion point well or dam by reference to a recognized public land survey corner

☐ North Directional Symbol

☐ Number of acres per 1/4, 1/4, if irrigation, nursery, or agriculture

☐ Other CWRE
CHRIS FARMER

☐ Reference corner on map

☐ Each point of diversion coordinate

☒ Fees: Amount of water requested 1.98 CFS

Base Fee \$ 500

Total Exam Fee \$ 800

1st CFS/AF 200

Total Paid \$ 800

⁹⁰ 1 Addtn'l CFS/ AF @ 100 = 100

Amount Due \$ RET. FEE 300

 Addtn' POD @ =

Reviewed by: 2/7/11

Date: 11-21-2007

WATER RESOURCES DEPARTMENT

RECEIPT # **90679**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM:

BY:

CASH:

CHECK:#

OTHER: (IDENTIFY)

APPLICATION

PERMIT

TRANSFER

TOTAL REC'D

\$800.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES

\$

OTHER: (IDENTIFY)

\$

0243 I/S Lease 0244 Muni Water Mgmt. Plan 0245 Cons. Water

4270 WRD OPERATING ACCT**MISCELLANEOUS**

0407 COPY & TAPE FEES

\$

0410 RESEARCH FEES

\$

0408 MISC REVENUE: (IDENTIFY)

\$

TC162 DEPOSIT LIAB. (IDENTIFY)

\$

0240 EXTENSION OF TIME

\$

WATER RIGHTS:

0201 SURFACE WATER

EXAM FEE

\$

0202

0203 GROUND WATER

\$800.00

0204

0205 TRANSFER

\$

RECORD FEE

\$

\$

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR

EXAM FEE

\$

0219

LANDOWNER'S PERMIT

0220

LICENSE FEE

\$

\$

OTHER (IDENTIFY)

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE

\$

CARD #

0210 MONITORING WELLS

\$

CARD #

OTHER (IDENTIFY)

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)

\$

0231 HYDRO LICENSE FEE (FW/WRD)

\$

HYDRO APPLICATION

\$

TREASURY**OTHER / RDX**

FUND _____ TITLE _____

OBJ. CODE _____ VENDOR # _____

DESCRIPTION _____

\$

RECEIPT: **90679**

DATED: 11/19/07

BY: *[Signature]*

IR CHECKLIST

Application #: G-16964 Applicant: WILLIAM WILBER SW ANGUS

Use(s): IRRIGATION USE ON 158.9 ACRES Priority Date: NOVEMBER 19, 2007

☒ MU or QM ☒ NA ☐ will complete construction within 20 years
☐ Fujii reviewed recommendations _____

☒ Is the application complete? ☐ No ☒ Yes

☒ ORS 538 prohibits use ☒ No ☐ Yes If so, do not do an IR; return the application & fees to the applicant.

☒ DIV 9 ☐ NA ☐ will likely be available... ☐ will not likely be available... ☒ will, if properly conditioned...

☐ classify as surface water well _____ has PSI with _____

(include basin map if true) well _____ is within ☐ 1N 3E 20, 21, 28, 29 ☐ GWLA ☐ CGWA _____

GW conditions 7N _____

☒ DIVISION 33 ☒ NA ☐ No ☐ above Bonneville, and ☐ not allowed 4/15 - 9/30
☐ below Bonneville
☐ statewide

☒ SW Availability ☒ NA ☐ 80% live ☐ 50% storage _____ WID: _____

☐ Use DWF's nonstandard W/A memo if the source is a Drews Reservoir tributary; the Snake River; the Columbia River; the North Umpqua River below Rock Creek; or within the drainages of the Lost River, Chehalem Creek, or Champoege Creek (including Mission & Case Creeks)

☒ POU conflict ☐ NA ☒ No ☐ No, different sources ☐ No, make up a deficiency in rate ☐ No, existing not at max. rate
☐ Yes _____

☒ Use is supplemental, checked for primary rights w/ diff source ☒ NA ☐ Yes limits _____
☒ Use is ☒ allowed ☐ not allowed ☐ limited ☐ OAR ☐ Compact 690 512 0040 intensively restrictive

☒ Requested Use/Rate/Season 1.99 1yr / 1.98 / Mch 1 - Oct 31

Allowed Use/Rate/Season 1yr / 1.99 / 158.9 = 1.99 / Mch 1 Oct 31 Limit 1.99 Duty 3

☒ Land use ☒ approved ☐ not approved ☐ being pursued ☐ county notified ☐ NA

☒ Storage contract ☒ NA ☐ BOR ☐ Doug Co ☐ Corp of Eng ☐ needed ☐ obtained _____

☒ Authorized agent specified ☒ NA ☐ needed ☐ Yes _____

☒ Conditions: Large _____

☐ Small ≤ 0.1 CFS, ≤ 9.2 AF, ☐ Medium > 0.1 and < 1.5 CFS, > 9.2 and < 100 AF, ☒ Large ≥ 1.5 CFS, ≥ 100 AF
Use at least "Medium" when the source is Siltcoos Lake, Sandy Basin GW, or stored water with a contract.
Use "Large" for temp control (including NU), or HC above a SWW, Tenmile Lake, or if applicant is a government entity
Use "Large-7g" or "Large-7i" if GW recommends 7g or 7i
Use "Large with totalizing flow meter" for IR permits in South Salem Hills or IR over 10 Ac. in Stage Gulch CGWA

☒ Stream is withdrawn ☒ NA ☐ No ☐ Yes, allows use/season _____

☒ Basin Maps have been checked ☒ NA ☐ Yes limits _____

☒ SWW ☒ NA ☐ above ☐ within _____ (If GW and interference, copy form for Stahr.)

Application #: G-16964 Applicant: WILLIAM WILBER SW ANGUS

☒ Use is within a **high priority area for streamflow restoration** ☒ NA ☐ No ☐ Yes

☒ Letter format ☒ good ☐ limited ☐ bad ☐ bad w/ rate reduction opportunity ☐ bad w/ HC opportunity

☒ POD is within **North Umpqua settlement reach** and the spreadsheet was updated ☒ NA ☐ Yes

☒ Forms ☒ NA ☐ DIV 33 ☐ basin map ☐ HC except ☐ spring description other _____

☒ Copy to ☐ NWR ☐ WM # 10 ☐ ODFW ☐ CRIFC
☐ NCR ☐ agent ☐ DEQ ☐ US Fish & Wildlife
☒ ER ☒ CWRE ☐ DOA ☐ NW Planning Council
☐ SWR ☐ State Parks ☐ CTUIR

☐ DOA Food Safety Division
(bottled water)

☐ city _____
(w/in 5-mile muni wells)

Chris Palmer CWRE # 100

☒ Prior to permit, applicant must submit ☒ NA ☐ storage contract ☐ easement ☐ plans/specs ☐ evidence of well repair

☒ App and map meet **min. requirements** ☒ Yes ☐ No _____
(If not, send IR certified)

☐ E-mailed Tim, including note if negative? ☐ No ☐ Yes

☒ Fees 1.90 CFS
_____ AF

Base 500

Up to 1 CFS 200

1 Add'l CFS @ 100 100

Up to 20 AF _____

_____ Add'l AF @ _____

Add'l ☐ POD/POA ☐ use + _____

Exam Fee Required = 800

Exam Fee Paid 800

Still Owed /

--

Name: Brook Geffen Date: 5/13/2008

Peer Reviewer: _____

The purpose of this checklist is to be used as a working document by Department staff to aid in the production of the related Initial Review, Proposed Final Order, or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above. The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production.



The Oregon Administrative Rules contain OARs filed through April 15, 2008

WATER RESOURCES DEPARTMENT

DIVISION 512

MALHEUR LAKE BASIN PROGRAM PROVISION

690-512-0040

Water Availability

(1) Except as provided in section (3) of this rule, the Department shall not accept an application for permit, or issue a permit, for any use of surface water, or of groundwater the use of which has the potential to substantially interfere with surface water, in the Malheur Lake Basin unless the applicant shows, by a preponderance of evidence, that unappropriated water is available to supply the proposed use at the times and in the amounts requested. The evidence provided shall be prepared by a qualified hydrologist or other water resources specialist and shall include:

(a) Streamflow measurements of gage records from the source or, for use of groundwater, the stream in hydraulic connection with the source; or

(b) An estimate of water availability from the source or, for use of groundwater, the stream in hydraulic connection with the source which includes correlations with streamflow measurements or gage records on other, similar streams and considers current demands for water affecting the streamflows.

(2) The criteria used in determining if the use of groundwater has the potential to substantially interfere with surface water shall be those established in OAR Chapter 690, Division 9.

(3) This rule shall not apply to issuance of:

(a) Instream water rights;

(b) Permits for storage of water between March 1 and May 31 if the application is not required to be referred to the Commission under OAR 690-011-0080(2)(a)(C); or

(c) Permits for use of water legally stored.

Stat. Auth.: ORS 536.300 & ORS 536.340

Stats. Implemented:

Hist.: WRD 3-1985, f. & cert. ef. 3-28-85; WRD 23-1990, f. & cert. ef. 12-14-90; Administrative Renumbering 1-1993, Renumbered from 690-080-0120

The official copy of an Oregon Administrative Rule is contained in the Administrative Order filed at the Archives Division, 800 Summer St. NE, Salem, Oregon 97310. Any discrepancies with the published version are satisfied in favor of the Administrative Order. The Oregon Administrative Rules and the Oregon Bulletin are copyrighted by the Oregon Secretary of State Terms and Conditions of Use

Alphabetical Index by Agency Name

Numerical Index by OAR Chapter Number

Search the Text of the OARs

Questions about Administrative Rules?

Link to the Oregon Revised Statutes (ORS)

Return to Oregon State Archives Home Page

Water Rights Platcard Report

no conflict

Meridian: WILLAMETTE

Township: 22

South

Range: 32

East

Section: 28

Records per Page: 200

Search

Water Right	Changing Note	Priority	Use	Use Status	DLC	Grant List	QQ(40):																Unknown QQ	
							NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
Select	Permit: G 15674 *	7/10/2003	IRRIGATION				40	1		34.8										24.2				
Additional Info: GREG SHULL App: G16045 Permit: G15674																								
Select	App: G 16964 *	11/19/2007	IRRIGATION													40	40	39.8	39.1					
Additional Info: WILLIAM WILBER App: G16964																								

Acreege Legend: 12.25 Regular
acreege

~~12.25~~ Acreege is on a
canceled right

(12.25) Acreege is part of a transfer and has not been proven
up on yet (inchoate)

[12.25] Acreege has been
suspended

* Acreege is not
specified

Point of Diversion Characteristics

Right: App:G 16964 *

Name: SW INVESTMENTS
WILLIAM WILBER

TRSQQ: 22.00S-32.00E-28-SWSW

POD(s): POD 01 - A WELL > SOLDIER CR

County: Harney

Basin: Malheur Lake

WM District: 10

WM Region: E

Withdrawn Area:

WAB: SOLDIER CR > POISON CR SL - AT MOUTH (31200105)

Priority WAB:

Rule 4D:

Groundwater Restricted Area:

Scenic Water Way:

Division 33: STATEWIDE

Water Quality Limited:

Mailing List for IR Copies

Application #G-16964

IR Date: May 23, 2008

Original mailed to applicant:

~~SW INVESTMENTS, DBA SW ANGUS~~
ATTN: WILLIAM WILBER
34775 N HARNEY LANE
BURNS, OR 97720

Copies sent to:

- ~~1.~~ WRD - File # G-16964
- ~~2.~~ WRD - Water Availability: Ken Stahr

IR, Map, and Fact Sheet Copies sent to:

- ~~3.~~ WRD - Regional Manager (not SCR): ER
- ~~4.~~ WRD - Watermaster # 10
- ~~5.~~ Department of Agriculture

Copies sent to Other Interested Persons (CWRE, Agent, Well Driller, Commenter, etc.)

- ~~6.~~ Chris Palmer, CWRE # 100, PO Box 61, Burns, OR 97720

Caseworker: Brook Geffen

Copies Mailed
By: <u>JCB</u>
(SUPPORT STAFF)
on: <u>5/23/08</u>
(DATE)

COPYSH.T.IR

REMINDER: Copy all IR's for uses in the Klamath Basin to DEQ and ODFW contacts, regardless of whether they are subject to Division 33. (If they are not subject to Division 33, do not include Division 33 forms.)

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-16964

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: 22S/32E-28 cc

CONDITIONS ATTACHED? ☒ yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mike Zwart

PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO: Water Rights Section Date April 29, 2008

FROM: Ground Water/Hydrology Section Michael Zwart
Reviewer's Name

SUBJECT: Application G- 16964 Supersedes review of N/A
Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. Department staff review ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. This review is based upon available information and agency policies in place at the time of evaluation.*

A. GENERAL INFORMATION: Applicant's Name: SW Investments, dba SW Angus County: Harney

A1. Applicant(s) seek(s) 1.98 cfs from one well(s) in the Malheur Lake Basin,
Soldier Creek subbasin Quad Map: Devine Ridge South

A2. Proposed use: Irrigation, 158.9 acres Seasonality: March 1 to October 31

A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	HARN 51405	1	Volcanic seds.	1.98	22S/32E-28 SW-SW	907' N, 1307' E fr SW cor S 28
2						
3						
4						
5						

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	4164	90	39	9/28/07	230	0-18	0-100	None	None	600		Air

Use data from application for proposed wells.

A4. **Comments:** Water-bearing materials are pumice, sand and gravel below 90 feet. This well is near the margin of the Harney Valley, where basin-fill sediments (Qal) are thin or absent. This well likely cases off any such sediments.

A5. ☒ **Provisions of the Malheur Lake** Basin rules relative to the development, classification and/or management of ground water hydraulically connected to surface water ☐ are, or ☒ are not, activated by this application. (Not all basin rules contain such provisions.)
Comments: _____

A6. ☐ **Well(s) #** _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
Name of administrative area: _____
Comments: _____

C. GROUND WATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040**C1. 690-09-040 (1): Evaluation of aquifer confinement:**

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1	Volcanic/tuffaceous/sedimentary rocks (Tvs of GW Report #16)	☒	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐

Basis for aquifer confinement evaluation: This well develops ground water below a reasonably thick (40') clay layer, which may provide some confinement for the targeted aquifer. Younger basin-fill sediments (Qal) are thin or absent at this location, based on geologic mapping in GW Report #16, and this well appears to case off these deposits.

C2. 690-09-040 (2) (3): Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
1	1	Soldier Creek	4125	4145	4400	☐	☒	☐	☐	☒
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐

Basis for aquifer hydraulic connection evaluation: The head relationship suggests that Soldier Creek is losing in this reach, which is expected as it leaves the uplands and enters Harney Valley. The younger basin-fill sediments likely have reasonably efficient hydraulic connection with surface water sources. This well develops older volcanic sediments which are likely in poor hydraulic connection with nearby stream reaches. Interference is likely diffuse and indirect with downstream reaches of creeks and Malheur Lake.

Water Availability Basin the well(s) are located within: SOLDIER CR > POISON CR SL - AT MOUTH (31200105).

C3a. 690-09-040 (4): Evaluation of stream impacts for each well that has been determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked ☒ box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. **Complete only if Q is distributed among wells.** Otherwise same evaluation and limitations apply as in C3a above.

	SW #		Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
			☐			☐		☐		☐
			☐			☐		☐		☐
			☐			☐		☐		☐
			☐			☐		☐		☐

Comments: This section does not apply.

C4a. **690-09-040 (5):** Estimated impacts on **hydraulically connected surface water sources greater than one mile** as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.													
(B) = 80 % Nat. Q													
(C) = 1 % Nat. Q													
(D) = (A) > (C)													
(E) = (A / B) x 100		%	%	%	%	%	%	%	%	%	%	%	%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: Hydraulic connection is indirect, such that impacts to surface water sources are propagated through an intervening aquifer consisting of younger basin-fill deposits. The Hunt/Wozniak model is unsuited for such applications.

C4b. **690-09-040 (5) (b)** The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.

- C5. ☐ **If properly conditioned**, the surface water source(s) can be adequately protected from interference, and/or ground water use under this permit can be regulated if it is found to substantially interfere with surface water:
- i. ☐ The permit should contain condition #(s) _____;
 - ii. ☐ The permit should contain special condition(s) as indicated in "Remarks" below;

C6. **SW / GW Remarks and Conditions** _____

References Used: Nearby well logs; recent review of nearby files, esp. G-16003, G-16045, G-16257 & G-16713; GW Report #16, by A. R. Leonard; USGS WSP #841, by A. M. Piper et al.

D1. Well #: 1 Logid: HARN 51405

a. ☐ review of the well log;

b. ☐ field inspection by _____;

c. ☐ report of CWRE _____;

d. ☐ other: (specify) _____

a. ☐ constitutes a health threat under Division 200 rules;

b. ☐ commingles water from more than one ground water reservoir;

c. ☐ permits the loss of artesian head;

d. ☐ permits the de-watering of one or more ground water reservoirs;

e. ☐ other: (specify) _____

D4. **THE WELL construction deficiency is described as follows:** _____

D6. ☐ **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

[illegible]

D8. ☐ **Route to Water Rights Section (attach well reconstruction logs to this page).**

MEMO

April 29, 2008

FROM: GW: Mike Zwart
(Reviewer's Name)

SUBJECT: Scenic Waterway Interference Evaluation

YES

The source of appropriation is within or above a Scenic Waterway

✓ NO

YES

Use the Scenic Waterway condition (Condition 7J)

✓ NO

Per ORS 390.835, the Ground Water Section is **able** to calculate ground water interference with surface water that contributes to a Scenic Waterway. The calculated interference is distributed below.

Per ORS 390.835, the Ground Water Section is **unable** to calculate ground water interference with surface water that contributes to a scenic waterway; **therefore, the Department is unable to find that there is a preponderance of evidence that the proposed use will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway.**

Calculate the percentage of consumptive use by month and fill in the table below. If interference cannot be calculated, per criteria in 390.835, do not fill in the table but check the “unable” option above, thus informing Water Rights that the Department is unable to make a Preponderance of Evidence finding.

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

[illegible]

NEW APPLICATIONS (GROUND WATER, RESERVOIR, & SURFACE) ROUTE SLIP

C-16964

RECEIPTING ☒

POST CARD SENT ☒

DATA CENTER ☒

AP
DOINNE & HTM 11-21-2007
MJR 11-23-07

GEOLOGY REVIEW

YES



NO



ENFORCEMENT

YES



NO



Caseworker:

Alyssa Mucken 986-0853 ☐

Brook Geffen 986-0808 ☒

Jeana Eastman 986-0859 ☐

Joel Plahn 986-0815 ☐

Kerry Kavanagh 986-0816 ☐

WATER RIGHTS SUPPORT ☒

ms

A "Standard Reservoir" storing 9.2 acre-feet or more of
Water & has a dam height of 10.0 feet or greater needs to
have a copy of the application & supplemental forms routed to "DAM SAFETY"



ATTN: WATER RIGHTS

**SUPPORT....>>>> Mark contents of file with
application number;**

**Update the WRIS Database with caseworkers name.
Route file to Caseworker.**



ACCEPTED

[Signature]