| N. | IEMO | | | | | | 1 | May | 2 | , 20 | 005 | | |
|------------|---|----------------------|------------------|----------------------------|--------------------------------|------------------|---------|-----------|----------|---------|-----------|----------|---|
| F | O' ROM UBJEC | G | w: _ | ion G //wan (Reviewa | 164 K. wer's Name) y Inter | IS Sal | Evalua | ation | | | | | |
| A C | Yes The source of appropriation is within or above a Scenic Waterway No | | | | | | | | | | | | |
| A | Ye No | | e the So | cenic W | aterway | conditi | on (Co | ndition ' | 7J). | | | | |
| PR | EPOND | ERAN | CE OF | EVIDE | NCE FI | NDING | 6: (Che | eck box | only if | stateme | nt is tru | e) | |
| D. | PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true) At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife. | | | | | | | | 41- | | | | |
| FLO | OW REI | DUCTI | ON: (To | o be fille | ed out o | nly if <u>Pr</u> | eponde | erance o | of Evide | nce box | is not o | checked) |) |
| Exe Wat | rcise of | this per by the f | rmit is collowin | calculate g amou | ed to rec | luce mo | nthly f | lows in | | | | Scen | |
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | 7 |

PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

| TO: | TO: Water Rights Section Date May 2, 2005 | | | | | | | | | | | |
|-----------------------------------|--|------------------------------------|---|---------------------------------------|---|---|---|---|--|--|---|---------------------|
| FROM | : | Grou | nd Water/ | Hydrology | Section | Ivan | Gall | | | | | |
| SUBJE | CT. | Annl | ication G- | 16415 | | | riewer's Name | eview of | NA | | × 31 | |
| SODIL | | Appi | ication G- | 10413 | | 30 | ipersedes re | eview oi | INA | Date of R | eview(s) | |
| OAR 69 welfare, to deter the pres | 90-310-1 , safety a mine who sumption | 30 (1) ind heal ether the criteria | The Depart th as descr e presumpt | ibed in ORS ion is establ ew is based | presume the 537.525. ished. OA upon ava | nat a propos Departmen R 690-310- nilable info | sed groundw it staff review 140 allows t rmation and | ater use will v ground wat he proposed l agency pol erson | er application use be modificies in plac | ons under OA fied or cond e at the tim | AR 690-3 itioned to e of evalu | 10-140 meet aation. |
| A1. | Applica | int(s) se | ek(s) 0.1 | 18 cfs from | m <u>1</u> | well | (s) in the | Rogue | | je. | | _ Basin, |
| | Poormans Creek | | | | | | | | | | | |
| A2. A3. | Propose Well an | ed use: | Irr er data (att | igation ach and nu | mber logs | Sea s for existin | sonality: ng wells; ma | April 1 th | rough Octol I wells as su | ber 31 ch under lo | gid): | 2 |
| Well | Log | id | Applicant | | oposed | Propos | | Location | | tion, metes | | |
| 1 | ** | | Well # | | quifer* | Rate(c: 0.118 | | /R-S QQ-Q) /02W-7 NES | | 0' N, 1200' E 0' N, 1060' V | | |
| 2 | - | | | | dioen | - 0.110 | 305/ | 0211-71125 | 130 | 0 11, 1000 | · II DE CO | 1007 |
| 3 | | | | | /8 | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | E | | | | | | | | | 1 |
| * Alluvii | ım, CRB, | Bedrock | ζ | | | | | | | | 100 | |
| Well | Well Elev ft msl | First Water ft bls | ft bls | SWL Date | Well Depth (ft) | Seal Interval (ft) | Casing Intervals (ft) | Liner Intervals (ft) | Perforation Or Screen (ft) | The second secon | Draw Down (ft) | Test Type |
| 1 | 2140 | na | 6.90* | 3/1/2005 | 200 | 0-60 | 0-60 | na | na | 80 | na | |
| | | | | | | | | | | | | |
| Use data | from app | lication | for proposed | l wells. | | | | | | | | |
| | Provisi manage (Not all | ions of basin r | the Rogue ground wa | nter hydrauli n such provi | Cally connsions.) | nected to sur | Basin ru | reported yie | o the develo | pment, class | ification and application is application. | and/or |
| A6. 🗌 | Well(s) Name o | #f admin | istrative ar | , ea: | | , | , ta | p(s) an aquif | er limited by | an adminis | | striction. |
| | | | | | | | | | | | | |

| B. <u>GR</u> | OUN | ID WATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070 |
|---------------|-------------|---|
| B1. | Bas | ed upon available data, I have determined that ground water* for the proposed use: |
| | a. | is over appropriated, is not over appropriated, or is cannot be determined to be over appropriated during any period of the proposed use. * This finding is limited to the ground water portion of the over-appropriation determination as prescribed in OAR 690-310-130; |
| | b. | □ will not or □ will likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the ground water portion of the injury determination as prescribed in OAR 690-310-130; |
| | c. | \square will not or \square will likely to be available within the capacity of the ground water resource; or |
| | d. | will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource: i. |
| B2. | a. | Condition to allow ground water production from no deeper than ft. below land surface; |
| | b. | Condition to allow ground water production from no shallower than ft. below land surface; |
| | c. | Condition to allow ground water production only from the water reservoir between approximately ft. and ft. below land surface; |
| | d. | Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Ground Water Section. Describe injury —as related to water availability—that is likely to occur without well reconstruction (interference w/ |
| | | senior water rights, not within the capacity of the resource, etc): |
| | | |
| | | |
| B3. flow n | The | ound water availability remarks:***Require applicant to install and maintain a properly functioning, totalizing applicant's well is completed in the fractured bedrock aquifer. I have no aquifer property or water level data for this a. The local area has been heavily altered by old hydraulic mining. In some areas large amounts of cobbles and boulders |
| | note con | evident. Depth to bedrock suggests that there is little, if any, alluvial aquifer in the area. There are approximately 50 well is in section 7, with yields ranging from zero to 70 gpm. Many wells have yields less than 5 gpm. Three deepenings are red in GRID for section 7; static water levels range from zero to 180 feet bgs. Bedrock geology (map attached) is rapposed of Jurassic and Upper Triassic (?) metamorphic sandstone and argillite with lesser amounts of schist, marble, and ra-igneous rocks. Overlying the bedrock in the area are more recent unconsolidated deposits (landslide, fan, and stream rosits). A north-south trending fault is mapped just west of the site along Sterling Creek Road. |
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| | - | |

Date__

Application G-_____continued

| | 0-09-04 | 10 (1): | Evaluatio | n of aqui | fer confinem | nent: | | | | | | | |
|--|--|---|--|---|---|---|--|---|---|---|---|---|--|
| Basis for aquifer confinement evaluation: Little data are available. The fractured bedrock aquifer likely exhibits increasi degrees of confinement with depth, and it appears that 10-20 feet of clay material overlies the aquifer. In areas near more deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann deeply incised and less than 1 mile from a surface water source. Include in this table any stream located beyond one mile from the flow system fit in the stream in the stream in the same of the substitute of t | | | Sales I | Aquife | or Proposed | d Aquifer | | | Confined | l | | Unconfine | d |
| degrees of confinement with depth, and it appears that 10-20 feet of clay material overlies the aquifer. In areas near more deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann of the property of the p | 1 | Bedr | ock | | | | | | | | | | |
| degrees of confinement with depth, and it appears that 10-20 feet of clay material overlies the aquifer. In areas near more deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann of the property of the p | | | | | - | | | | - | | | | |
| degrees of confinement with depth, and it appears that 10-20 feet of clay material overlies the aquifer. In areas near more deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann of the property incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann of the property of th | \vdash | | | | | | | | \dashv | | | H | - |
| degrees of confinement with depth, and it appears that 10-20 feet of clay material overlies the aquifer. In areas near more deeply incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann of the property incised drainages, or more pervasively fractured, the system may behave in a more semi-confined to unconfined mann of the property of th | | | | | | | | | $\overline{}$ | | - | H | |
| 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 | degrees o | of conf | inement w | ith depth | , and it appear | ars that 10-2 | 0 feet of cla | y material ov | erlies th | e aquif | er. In are | eas near mo | re |
| # ft msl | assumed that are | d to be evalua SW | hydraulica ted for PS | ally conne I. | ected to the s | surface wate | source. In | Distance | able any | ydraul | ically | Poten | e mile |
| 1 Poorman's Creek 2133 ~2,000 6,400 | Well | # | Su | irrace wa | iter ivanie | | | (ft) | | | | | |
| Basis for aquifer hydraulic connection evaluation: The local drainages near the well are "seasonal", generally flowing on when it rains; shortly following rains, flow declines to little or nothing (Gall and Menteer, pers. observations). The Applegate (S.5 miles west) and Forest Creek (3 miles west) are larger drainages that may capture groundwater from the flow syste near the applicant's well. However, no data exist to help with groundwater flow directions and degree of hydraulic connection over such a large distance. Water Availability Basin the well(s) are located within: Forest Creek 90-09-040 (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 the repertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compathe 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 < Qw > Water Water Water Natural of 80% Natural of 80% Interference (@ 30 days Interference) Interferenc | 1 | 1 | Poorma | n's Cree | k | 2133 | ~2,000 | 6,400 | П | X | | YES | N |
| when it rains; shortly following rains, flow declines to little or nothing (Gall and Menteer, pers. observations). The Applegate River (5.5 miles west) and Forest Creek (3 miles west) are larger drainages that may capture groundwater from the flow systemear the applicant's well. However, no data exist to help with groundwater flow directions and degree of hydraulic connection over such a large distance. Water Availability Basin the well(s) are located within: Forest Creek 90-09-040 (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 the pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Comparise 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 Qw > Water Water Water Natural of 80% Natural for Subst Interference (@ 30 days Interference) for Subst Interference (@ 30 d | | | | | | | | 1 | H | | | | Ī |
| when it rains; shortly following rains, flow declines to little or nothing (Gall and Menteer, pers. observations). The Applegate River (5.5 miles west) and Forest Creek (3 miles west) are larger drainages that may capture groundwater from the flow systemear the applicant's well. However, no data exist to help with groundwater flow directions and degree of hydraulic connection over such a large distance. Water Availability Basin the well(s) are located within: Forest Creek 90-09-040 (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 the pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Comparise 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 COWN Water Water Water Water Natural of 80% Natural Potential for Substanteries. Instream Water Natural of 80% Natural Potential for Substanteries. Natural Of 80% Natural Potential for Substanteries. Potential for Substanteries. | | | | | | | | 1 | | | | | |
| when it rains; shortly following rains, flow declines to little or nothing (Gall and Menteer, pers. observations). The Applegate River (5.5 miles west) and Forest Creek (3 miles west) are larger drainages that may capture groundwater from the flow systemear the applicant's well. However, no data exist to help with groundwater flow directions and degree of hydraulic connection over such a large distance. Water Availability Basin the well(s) are located within: Forest Creek 90-09-040 (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 the pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Comparise 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 COWN Water Water Water Water Natural of 80% Natural Potential for Substanteries. Instream Water Natural of 80% Natural Potential for Substanteries. Natural Of 80% Natural Potential for Substanteries. Potential for Substanteries. | | | | | | | | | | | | | Ī |
| Well SW Well < Qw > Water Water Water I/6 Right Q ISWR? SWR? Store Water Water Water I/6 Flow Natural (%) Interference Gw 30 days Interference Gw 30 d | | aquif | er hydrau | ilic conn | ection evalu | ration: The | local drains | ges near the y | vell are | "season | al" gene | arally flowing | |
| Well SW Well < Qw > Water Water I/6 Natural Of 80% Interference Government Of 80% Natural Of 80% Interference Of 80% Of 80% Interference Of 80% O | Basis for when it rackiver (5.5 hear the abover such Water Arman Polymer Polym | ains; shains; | nortly follows west) and ant's well. The distance willing Basin Evaluation less than that surfacte against | however the well and of street of the well and of street of the water street the 1% of the well and the well | I(s) are loca eam impacts om a surface ource, and n f 80% nature | lines to little es west) are ist to help we ted within: for each we water source tot lower SV al flow for t | or nothing larger drains ith groundw Forest Co Il that has be the Limit evaluation to be pertinent | reek een determined under the which the structure and the work was a structure and the work which the structure and the work was a structure and the | ed or ass tream rigeam und | ground ground nd deg umed t ghts an er eval asin (W | ervations dwater from ree of hydrodominimus d minimus wAB). If | raulically am stream fl tributary. C Q is not dis | ection ows the |
| Well # 1/4 mile? 5 cfs? Right Right Q 1/5 Flow Natural @ 30 days Interfer. | Basis for when it rackiver (5.5 hear the abover such Water Arman Polymer Polym | ains; shains; | nortly follows west) and ant's well. The distance willing Basin Evaluation less than that surfacte against | however the well and of street of the well and of street of the water street the 1% of the well and the well | ns, flow decl Creek (3 mile r, no data exi I(s) are loca eam impacts om a surface ource, and n f 80% nature Any checked | ines to little es west) are ist to help we ited within: for each we water source tot lower SV al flow for tot d \sqrt{b} box ince | or nothing larger drains ith groundw Forest Co Il that has be the Limit evaluation to be pertinent | reek een determine uluation to ins which the structure assume | ed or ass tream rigeam und ability B d to hav | umed t ghts an er eval asin (We the p | ervations dwater from ree of hydrodominimus d minimus wAB). If | raulically um stream fl tributary. C Q is not dis | ows the company tributed |
| ID (cfs) Cfs) Flow? Assumed | Basis for when it ranking the action of the | ains; shains; | mortly follows west) and surt's well. we distance willity Basin: Evaluati less than that surfacte against large for expenses. | the well. | ns, flow decl Creek (3 mile r, no data exi I(s) are loca eam impacts om a surface ource, and n f 80% nature Any checked | ines to little es west) are ist to help we ited within: for each we water source tot lower SV al flow for tot d box ine | Forest Cr that has bee. Limit evaluation of the pertinent dicates the value. | reek een determine aluation to ins which the structure Water Availage lis assume | ed or ass tream rigeam und ability B d to hav | umed t ghts an er eval asin (We the p | o be hydrough of the distribution is a value of the distribution is value of the distribution in the distribution is value of the distribution of the distribution is value of the distribution | raulically am stream fl tributary. C Q is not disposate PSI. | ows the ompar tributed |
| | Basis for when it ranking the action of the | ains; she since since she she she she she she she she she sh | nortly follows west) and the distance will we distance will be a similar to the distance will be the distance will | the well. Output The well on of street and the well. Output The well on of street water so the 1% of ach well. | l(s) are loca eam impacts ource, and n f 80% nature Any checked Instream Water Right | ines to little es west) are ist to help we ited within: for each we water source al flow for t d box ine Instream Water Right Q | Forest Cr that has been Limit evaluated to the pertinent dicates the value. Qw > 1% | reek een determine which the structure Availated is assume 80% Natural Flow | ed or ass tream rigeam und ability B d to hav Qw > of 8 Natu | umed t ghts an er eval asin (We the po- | o be hydrough of the distribution is VAB). If otential to the little of | raulically um stream fl tributary. C Q is not dispocause PSI ence ays Int | ows the company tributed subst. erfer. |
| | Basis for when it ranking the action of the | ains; she since since she she she she she she she she she sh | nortly follows west) and the distance will we distance will be a similar to the distance will be the distance will | the well. Output The well on of street and the well. Output The well on of street water so the 1% of ach well. | l(s) are loca eam impacts ource, and n f 80% nature Any checked Instream Water Right | ines to little es west) are ist to help we ited within: for each we water source al flow for t d box ine Instream Water Right Q | Forest Cr that has been Limit evaluated to the pertinent dicates the value. Qw > 1% | reek een determine which the structure Availated is assume 80% Natural Flow | ed or ass tream rigeam und ability B d to hav Qw > of 8 Natu | umed t ghts an er eval asin (We the po- | o be hydrough of the distribution is VAB). If otential to the little of | raulically um stream fl tributary. C Q is not dispocause PSI ence ays Int | ows the ompartribute substruction substructi |
| | Basis for when it ranking the action of the | ains; she since since she she she she she she she she she sh | mortly follows west) and surt's well. we distance willty Basin: Evaluation less than that surfact the against larate for each well < 1/4 mile? | the well. Output The well on of street and the well. Output The well on of street water so the 1% of ach well. | l(s) are loca eam impacts ource, and n f 80% nature Any checked Instream Water Right | ines to little es west) are ist to help we ited within: for each we water source al flow for t d box ine Instream Water Right Q | Forest Cr that has been Limit evaluated to the pertinent dicates the value. Qw > 1% | reek een determine which the structure Availated is assume 80% Natural Flow | ed or ass tream rigeam und ability B d to hav Qw > of 8 Natu | umed t ghts an er eval asin (We the po- | o be hydrough of the distribution is VAB). If otential to the little of | raulically um stream fl tributary. C Q is not dispocause PSI ence ays Int | ows to ompa tribut substerfer. |

Version: 08/15/2003

| continued |
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| Date | |
|------|--|
| Date | |

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.

| SV # | 1 | 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? |
|---------|---|-------------|----------------------------------|---------------------------------------|---------------------|---------------------------------|---------------------------------------|----------------------------------|--|
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| Comments: |
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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-D | istributed | Wells | | | | | | | | | | | |
|---------------------|--------------|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Well | SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | | | | | | | | | |
| Interfer | ence CFS | | | | | | | | | | | | |
| Distrib | outed Well | ls | | | | | | | | | | | |
| Well | SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | 10/8 | | | | | | | | |
| Interfer | ence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | | | | | | | | | |
| | ence CFS | | | | 7 | | | | | | | | |
| | T | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | | | | | | | | | |
| | ence CFS | | | | | | | | | | | | |
| | T | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | | | | | | | | | |
| | ence CFS | | | | | | | | | | | | |
| merici | T | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | ,,, | | ,,, | ,,, | 70 | 70 | 70 | ,,, | 70 | 70 | 70 | 70 |
| | ence CFS | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| (A) = To | otal Interf. | | | | | | | | | | | | |
| (B) = 80 | % Nat. Q | | | | | | | | | | | | |
| (C) = 1 | % Nat. Q | | | | | | | | | | | | |
| $(\mathbf{D}) = (A$ | A) > (C) | A | | À | | A | A | Å | À | À | A | | ŝ |
| | /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.

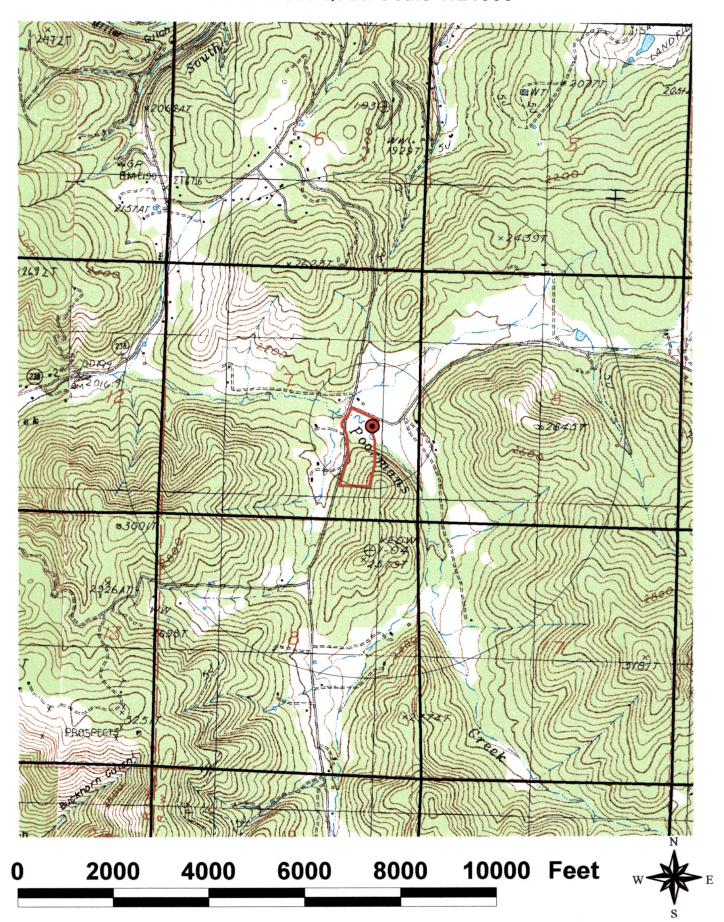
| Basis for impact evaluation: | |
|---|--|
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| 690-09-040 (5) (b) The potential to impair or detrimentally Rights Section. | affect the public interest is to be determined by the W |
| ☐ If properly conditioned, the surface water source(s) can be ade under this permit can be regulated if it is found to substantially i i. ☐ The permit should contain condition #(s) | |
| ii. The permit should contain special condition(s) as in | dicated in "Remarks" below; |
| _ ' | |
| | |
| | |
| area. Groundwater may just as easily be flowing east to the Bear Cre River. As such, no hydraulic connection with any surface water body understanding of groundwater flow indicates that this groundwater is | was identified by this review. However, a general |
| area. Groundwater may just as easily be flowing east to the Bear Cre River. As such, no hydraulic connection with any surface water body understanding of groundwater flow indicates that this groundwater is | ek valley, or west towards Forest Creek and the Applegat was identified by this review. However, a general |
| area. Groundwater may just as easily be flowing east to the Bear Cre River. As such, no hydraulic connection with any surface water body understanding of groundwater flow indicates that this groundwater is | ek valley, or west towards Forest Creek and the Applegat was identified by this review. However, a general |
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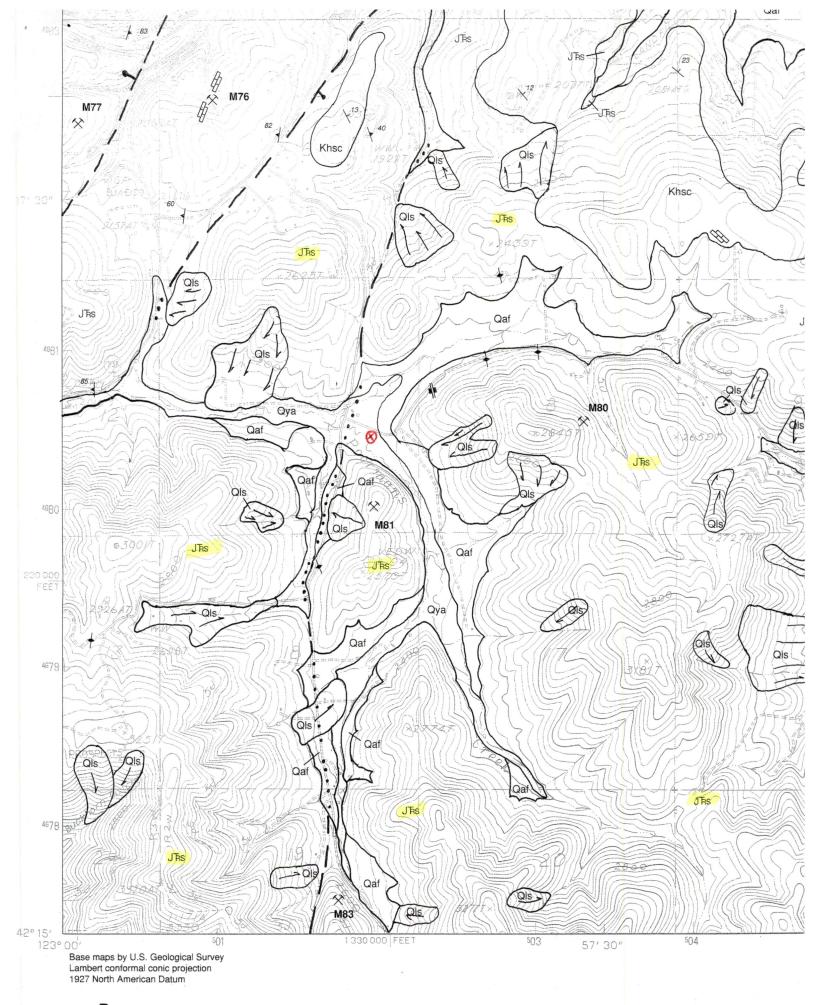
| Applica | ation Gcontinued | Date | |
|--------------|--|---|-------------|
| D. <u>WE</u> | ELL CONSTRUCTION, OAR 690-200 | | |
| D1. | Well #: Logid: | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | |
| D2. | THE WELL does not meet current well construction standards based upon a. review of the well log; b. field inspection by c. report of CWRE d. other: (specify) | | |
| D3. | THE WELL construction deficiency: a. constitutes a health threat under Division 200 rules; b. commingles water from more than one ground water reservoir; 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: | | |
| | | | |
| D5. | THE WELL a. was, or was not constructed according to the state original construction or most recent modification. b. I don't know if it met standards at the time of constructions. | | |
| D6. | Route to the Enforcement Section. I recommend withholding issuance of the is filed with the Department and approved by the Enforcement Section and the G | | onstruction |
| THIS | SECTION TO BE COMPLETED BY ENFORCEMENT PERSONN | EL | |
| D7. | Well construction deficiency has been corrected by the following actions: | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | (Enforcement Section Signature) | | , 200 |
| D8. | Route to Water Rights Section (attach well reconstruction logs to this page | е). | |

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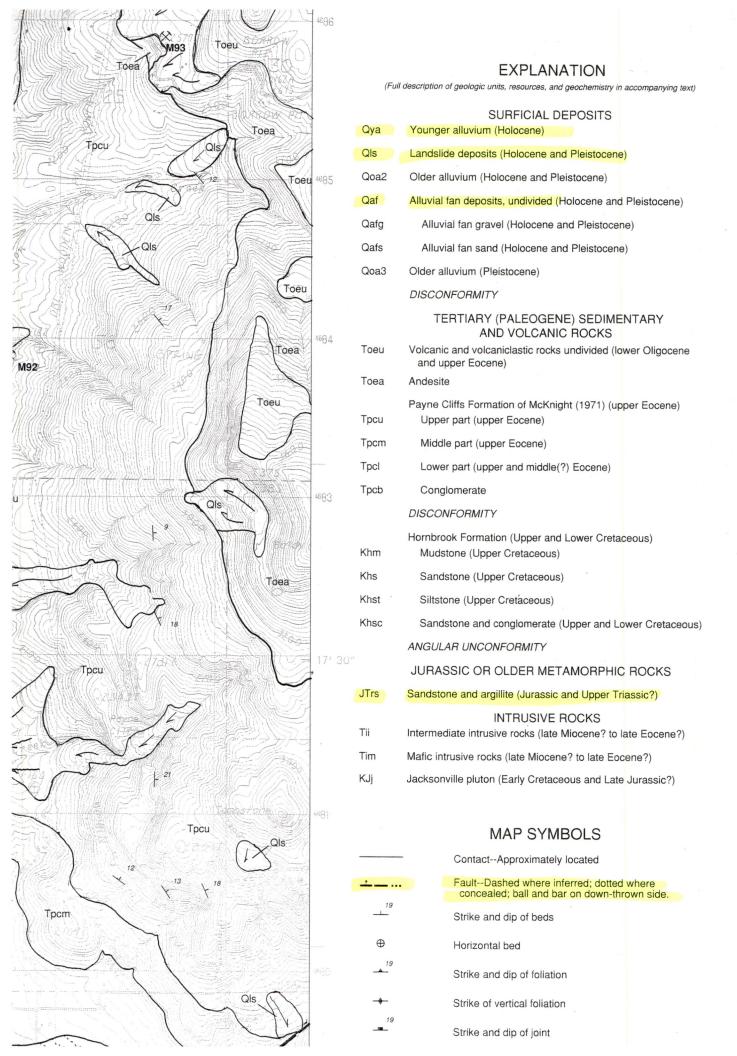
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G-16415 Peterson 38S/02W-07 Medford West Quad Scale 1:24000





В FEET 3000 —



WELL REPORT TE OF OREGON



State Well No. 385 2w-7da

State Permit No.

| (1) OWNER: | (10) LOCATION OF WELL: |
|---|--|
| Name Patricia Maddox | County Jackson Driller's well number 432-0 |
| Address 280 Poorman Cr. Rd | NE 4 SE 4 Section 7 T. 38S R. 2W W.M. |
| City Jacksonville State Or | Tax Lot # 107 Lot Blk Subdivision |
| (2) TYPE OF WORK (check): | Address at well location: |
| New Well ☑ Deepening □ Reconditioning □ Abandon □ | |
| If abandonment, describe material and procedure in Item 12. | (11) WATER LEVEL: Completed well. |
| (3) TYPE/OF WELL: (4) PROPOSED USE (check): | Depth at which water was first found 55 ft. Static level ft. below land surface. Date 7-13-00 |
| | Static level ft. below land surface. Date 13.00 Artesian pressure lbs. per square inch. Date |
| Roory Mud Dug DIrrigation Test Well Other D | |
| C Bored Thermal: Withdrawal Reinjection | (12) WELL LOG: Diameter of well below casing Depth drilled 180 ft. Depth of completed well 180 ft. |
| (5) CASING INSTALLED: Steel Plastic | Depth drilled 180 ft. Depth of completed well 160 ft. Formation: Describe color, texture, grain size and structure of materials; and show |
| Threaded Welded | thickness and nature of each stratum and aquifer penetrated, with at least one entry |
| Diam. from | for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. |
| "Diam. from | MATERIAL From To SWL |
| LINER INSTALLED: | Bana 0 1 |
| | CAY GRAVEL BROWN 1 8 |
| (6) PERFORATIONS: Perforated? Yes No | 0 05 |
| Type of perforator used | CLAY BASALT BROWN 32 38 |
| Size of perforations in. by in. | BASK T ROCKY BROWN 38 65 22 |
| perforations from ft. to ft. | BASALT BLUE 65 110 |
| perforations from ft. to ft. | BASALT BENEN BLUE 110 121 22 |
| perforations from | BASAUT BLUE 121 192 |
| (7) SCREENS: Well screen installed? Yes PNo | BASAT BROKEN BLUE 192 153 22 |
| Manufacturer's Name | BASALT BLUE 153 180 |
| Type Model No. | |
| Diam Slot Size Set from ft. to ft. | |
| Diam. Slot Size Set from ft. to ft. | |
| WELL TESTS: Drawdown is amount water level is lowered below static level | RECEIVED |
| | |
| Was a pump test made? | SEP 17 1980 |
| Yierti: gal/min. with ft. drawdown after hrs. | WATER RESOURCES DEPT |
| Air test gal/min. with drill stem at 80 ft. hrs. | BALEM, OREGON |
| Air test gal/min. with drill stem at 700 it. hrs. Per test gal/min. with ft. drawdown after hrs. | BALEM, OREGOIS |
| Art an flow g.p.m. | |
| Temperature of water Depth artesian flow encountered ft. | Work started 9-13 1980 Completed 9-13 1980 |
| (9) CONSTRUCTION: Special standards: Yes No | Date well drilling machine moved off of well 900 |
| Well seal—Material used | Drilling Machine Operator's Certification: |
| Well sealed from land surface toft. | This well was constructed under my direct supervision. Materials used |
| Diameter of well bore to bottom of seal | and information reported above are true to my best knowledge and helief. |
| Diameter of well bore below sealin. | [Signed] Expression Date Date 1990 |
| Number of sacks of cement used in well seal | Drilling Machine Operator's License No |
| Howwas cement grout placed? | |
| de sollow us | Water Well Contractor's Certification: This well was drilleft under my jurisdiction and this report is true to |
| - W | the best of my knowledge and belief. |
| Was pump installed? | Named 18 72 Simil Vanch Surin 6 |
| Was a drive shoe used? No Plugs Size: location ft. | Address 357 |
| Did any strata contain unusable water? ☐ Yes ☐ No Type of Water? depth of strata | 1 97.503 |
| Type of Water? depth of strata Method of sealing strata off | [Signed] ERR (Walter Well Contractor) |
| Was well gravel packed? ☐ Yes ☐ Size of gravel: | |
| Gravel placed from | Contractor's License No |
| Graver placed from | |