

November 25, 2014

Edward Hodges, PE
Curran-McLeod, Inc.
6655 S.W. Hampton Street, Suite 210
Portland, OR 97223

**Re: Plan Review – South Spring Improvements
Falcon Cove Beach WD (PWS 00045; PR 156-2014)
Conditional Approval**

The Oregon Drinking Water Services (DWS) received your updated plans and specifications for the referenced project on October 24, 2014, and email regarding the drain pipe dated November 3, 2014. At this time, DWP grants *Conditional Approval* for the project as follows:

Condition of Approval

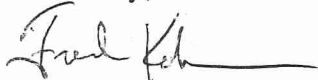
The Springbox will be provided with a drain pipe and valve per OAR 333-061-0050(2)(b). *- see attached construction waiver approval.*

∴ No conditions to approval. F.K.

Final plan review approval will be granted upon completion of the proposed project, certification by the engineer-of-record that the project was completed according to the submitted plans and specifications, and that the conditions of this letter have been addressed. Note, the reconstructed spring cannot be used to provide potable water to service connections until the plan review for this project receives final approval from DWS.

If you have questions, please contact me at 971.673.0406, or via email at fred.n.kalish@state.or.us.

Sincerely,



Fred Kalish, P.E.
Regional Engineer
Drinking Water Program

Cc: Charles Dice, Falcon Cove Beach WD, 31911 Clatsop Lane, Arch Cape, OR 97102

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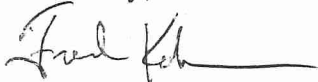
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Fred Kalish, P.E.
Regional Engineer
Drinking Water Program

Cc: Charles Dice, Falcon Cove Beach WD, 31911 Clatsop Lane, Arch Cape, OR 97102

rec'd 1/29/15

Application for Waiver from Construction Standards for Public Water Systems

As Provided under OAR 333-061-0055, *The Department may grant waivers from the construction standards prescribed by these rules:*

- (a) *When it is demonstrated to the satisfaction of the Department that strict compliance with the rule would be highly burdensome or impractical due to special conditions or causes; and*
- (b) *When the public or private interest in the granting of the waiver is found by the Department to clearly outweigh the interest of the application of uniform rules; and*
- (c) *When alternate measures are provided which, in the opinion of the Department, will provide adequate protection to the health and safety of the public including the ability to produce water which does not exceed the maximum contaminant levels listed in rule 333-061-0030.*

In accordance with the above, the Falcon Cove Beach Water District water system, PWS ID #4100045, hereby requests the Oregon Health Authority to waive the construction standard OAR 333-061-0050(2)(b)(A)(iv). Bottom Drain For Spring Box.

The construction standard requested to be waived is for the following project: South Spring Improvements.

This waiver is necessary for the following reasons: The necessity for a bottom drain is not applicable to this project because the issue of removing collected water can be mitigated through equally effective alternative methods, i.e. pumping. The District current owns dedicated pumping and disinfection equipment which can be immediately utilized to drain the spring in the event that access to the spring box is required. The volume of water present in the spring is relatively small and could be removed within 25 minutes if required in an emergency or for maintenance. The spring box could then be immediately disinfected as required by the District and brought back online.

Construction of the bottom drain will most likely require rock excavation and/or blasting of native bedrock which may damage or destroy water bearing capacity of up-gradient soils in the vicinity of the spring box. The District therefore feels it is not prudent to install this drain, due to this risk.

Proposed alternate measures to protect the health and welfare of the public in lieu of complying with the construction standards OAR 333-061-0050 will consist of: Pumping the water out with District owned pumping equipment and performing cleaning, maintenance and disinfection as required.

Edward P. Hodges 1/15/15
Signature Date

Edward P. Hodges, P.E.
Name

6655 Sw Hampton St, Suite 210, Portland, Or 97223
Address

503-684-3478
Telephone Number

Attach plans of proposed waiver request or additional supporting information and mail to:

Oregon Health Authority
Drinking Water Services #640
PO Box 14450
Portland, OR 97293-0450

- Plan review coordinator's notes on justification/mitigation:
Equipment on-site provides adequate alternative.
- Comments:
- Attachments

Oregon Health Authority Action

After due consideration, the above requested waiver from the construction standards of OAR 333-061-0050 is hereby:

- Approved
- Denied

Kari Salis
Drinking Water Regional Manager Signature
Oregon Health Authority
Type Phone Number Here

2/4/15 *entered KS*
Date

Regional Geologist Signature*
Oregon Health Authority
541-726-2587

Date

*A regional geologist may sign this form for construction waivers pertaining to wells and spring boxes.