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FIELD SERVICES
DRINKING WATER PROGRAM

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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 Red Hills Estates Water Association water system, PWS ID #41 01502, hereby requests the Oregon Health Authority to waive the construction standard OAR 333-061-0050 (2)(a)(E), which generally prohibits chemical usage/storage within 100-ft of the well, however, gives the Authority discretion to make allowances for above ground fuel storage tanks related to emergency water pumping equipment provided that a secondary containment system is in place that will accomodate more than 100% of the fuel.

The construction standard requested to be waived is for the following project: We would like to place a natural gas-powered backup generator close to our pumps within the 100-ft setback for Upper Well #1 (SRC-AA, L69640), roughly 50-ft from the well. Although powered with natural gas (already present on-site), the generator uses oil-based lubricants. We propose to place the generator within secondary containment that would be sufficient to contain 110% of any lubricants used by the generator. After talking to Russ Kazmierczak with DWS in the Springfield office, it is our understanding that the natural gas does not pose a hazard to the groundwater, since any leak would exhaust the gas into the air.

This waiver is necessary for the following reasons: There is no practical location to site the backup generator near the pumps and natural gas supply yet beyond the 100-ft radius around the well.

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: The generator would be powered by natural gas and have secondary containment to contain 110% of any lubricants used by the generator.

Mike Price 10/26/2017
Signature Date

Mike Price (Red Hills Estates, PWS #01502)
Name

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Address

503-554-5725
Telephone Number

- Plan review coordinator's notes on justification/mitigation: *Proposed alternate measure is an acceptable mitigation.*
- 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 Salin
Drinking Water Regional Manager Signature
Oregon Health Authority
Type Phone Number Here

11/1/17
Date

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